



REPORT

2018 Annual Groundwater Monitoring & Corrective Action Report

Georgia Power Company - Plant Scherer Cell 1 and PAC Ash Cell

Submitted to:



Georgia Power Company

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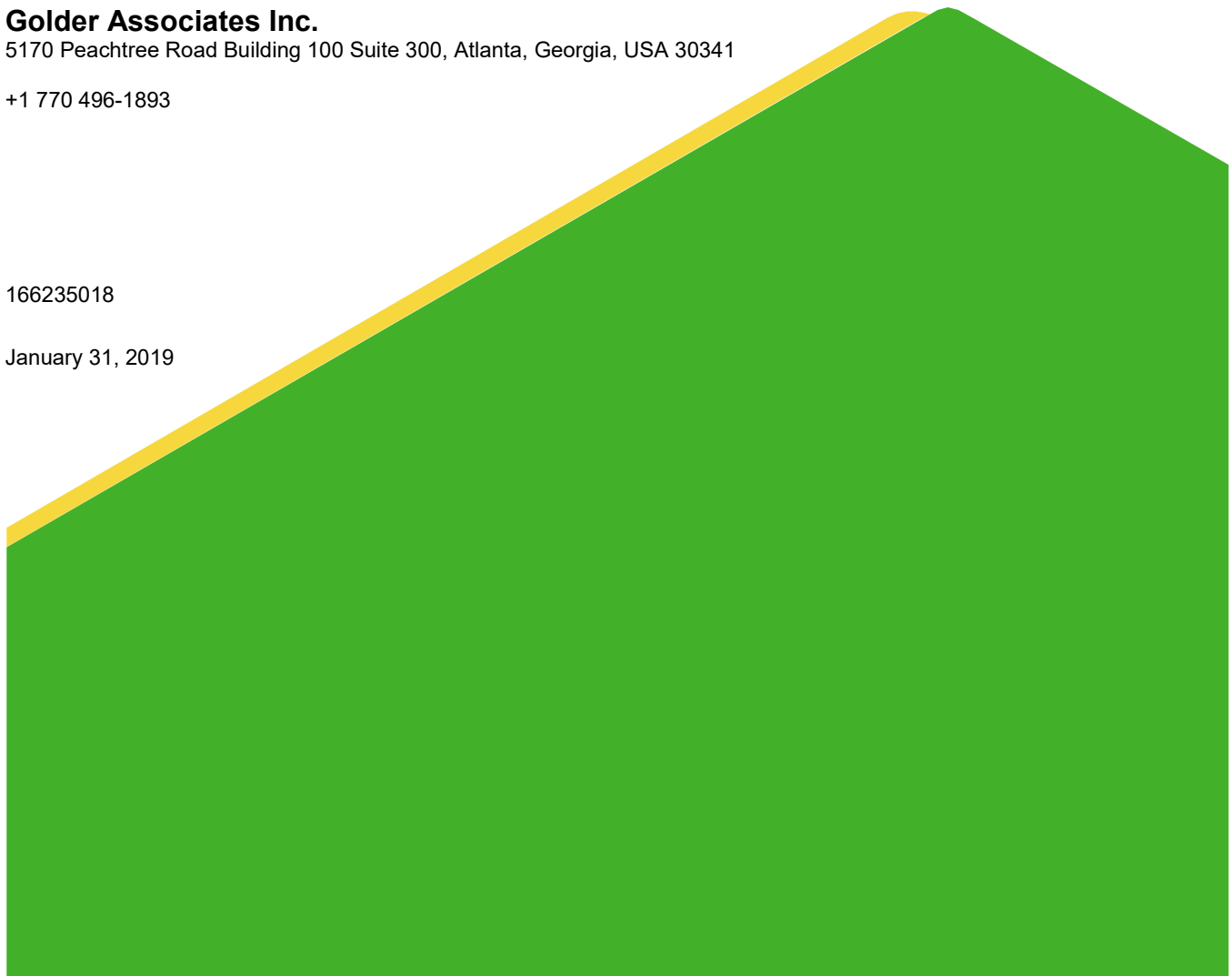
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Distribution List

Plant Scherer

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Certification

This 2018 Annual Groundwater Monitoring & Corrective Action Report, Georgia Power Company Plant Scherer Coal Combustion By-Product Private Industry Solid Waste Disposal Facility (Plant Scherer Landfill) has been prepared to comply with the United States Environmental Protection Agency (USEPA) coal combustion residual (CCR) rule (40 Code of Federal Regulations [CFR] 257 Subpart D; published in 80 FR 21302-21501, April 17, 2015) under the direction of a licensed professional engineer as well as a licensed professional geologist with Golder Associates Inc.

Golder Associates Inc.



Rachel P. Kirkman, PG
Georgia Registered Professional Geologist No. 1756

1/31/2019
Date

I hereby certify that this 2018 Annual Groundwater Monitoring & Corrective Action Report, Georgia Power Company Plant Scherer Coal Combustion By-Product Private Industry Solid Waste Disposal Facility (Plant Scherer Landfill) located at 10986 Georgia 87, Juliette, Georgia 31046, has been prepared to meet the requirements of 40 CFR §257.90(e).

GOLDER ASSOCIATES INC.



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1/31/2019
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1.0 INTRODUCTION

In accordance with the United States Environmental Protection Agency (USEPA) coal combustion residual (CCR) rule (40 Code of Federal Regulations [CFR] 257 Subpart D; published in 80 FR 21302-21501, April 17, 2015), this *2018 Annual Groundwater Monitoring and Corrective Action Report* has been prepared to document groundwater monitoring activities conducted at Georgia Power Company's (Georgia Power) Plant Scherer Coal Combustion By-Product Private Industry Solid Waste Disposal Facility (Plant Scherer Landfill) and satisfies the requirements of §257.90(e). Groundwater monitoring and reporting for Plant Scherer is performed in accordance with the requirements of §257.90 through §257.98. This report documents the activities completed through the 2018 calendar year.

1.1 Site Description and Background

Plant Scherer is located in northeast Monroe County, Georgia, and is operated by the Georgia Power. The Plant is situated approximately 5 miles south of Juliette, GA and is surrounded primarily by agricultural and residential land use. The property occupies approximately 12,000 acres and is bounded on the south by Lake Juliette. Figure 1, Site Location Map, depicts the location of Plant Scherer relative to the surrounding area.

The Plant Scherer Landfill consisting of an active Cell 1 and PAC Ash Cell and future Cells 2 and 3 is used for the disposal of coal combustion residuals (CCR). The two active cells have been utilized since 2011. The total disposal area occupies approximately 325 acres along the northern portion of the property. Figure 2, Site Plan and Monitoring Well Location Map depicts the general configuration of the landfill units and site monitoring wells.

The site is located within the Piedmont Physiographic Province of central Georgia, which is characterized by gently rolling hills and narrow valleys, with locally pronounced linear ridges. Overall, the property slopes gently south towards Lake Juliette and east toward the Ocmulgee River (Figure 1). The landfills are situated east/southeast of the ash pond which is located in a topographically high area on the property, with several relatively small, intermittent and perennial creeks and streams surrounding the pond. Several topographically isolated hilltops occur west of the pond and represent topographic high points on the site. Topographic relief across the site is greater than 200 feet, with a natural topographic high of over 570 feet above mean sea level (ft msl) occurring along the topographic ridge west of the ash pond, and a topographic low of less than 380 ft msl in the eastern portion of the site near Berry Creek.

1.2 Regional Geology and Hydrogeologic Setting

The following section and subsections include a general description of regional geologic and hydrogeologic characteristics of formations that occur beneath the site. Information presented in this section is based on published literature, discussion with local geologic experts, and experience working in this geologic terrain.

Plant Scherer is located within the Piedmont/Blue Ridge geologic province. The metamorphic and igneous rocks that underlie the area have been subjected to physical and chemical weathering which has created a landscape dissected by creeks and streams forming a dendritic drainage pattern. These rocks are deeply weathered due to the humid climate and bedrock is typically overlain by a variably thick blanket of residual soils and saprolite. The overall depth of weathering in the Piedmont/Blue Ridge is generally about 20 to 60 feet; however, the depth of weathering along discontinuities and/or very feldspathic rock units may extend to depths greater than 100 feet. Because of such variations in rock types and structure, the depth of weathering can vary significantly over short horizontal distances.

The near surface conditions were determined based upon available boring and monitoring well installation logs. Based on our review of this information, residual soils, consisting of primarily sandy silt, silty sand, sandy clay and silty clay, occur as a variably-thick blanket overlying bedrock across most of the site. The thickness of the residual soil encountered in the borings is variable, ranging from approximately 17 feet to 168 feet, with an average residual soil thickness of about 57 feet. Saprolitic soils and/or saprolitic rock vary in thickness across the site but were generally encountered at or near ground surface. Saprolitic rock is also considered to be partially weathered rock (PWR). Material overlying the top of rock surface, including residual soils, saprolite, and transitionally weathered rock, is collectively referred to as overburden or regolith.

1.3 Groundwater Monitoring Well Network

Pursuant to §257.91, a groundwater monitoring system was installed within the uppermost aquifer at Plant Scherer's Landfill. The monitoring system was installed to monitor groundwater passing the waste boundary of Cell 1 and PAC Ash Cell within the uppermost aquifer. Wells are located to serve as upgradient and downgradient wells based on groundwater flow direction as determined by the potentiometric surface elevation contour maps. The detection monitoring well network has been certified by a Professional Engineer in Georgia, with notice of that certification in the Operating Record pursuant to §257.90(f)(6).

The certified monitoring well network for Cell 1 consists of 20 monitoring wells and 12 monitoring wells for the PAC Ash Cell. Table 1, Monitoring Well Network Summary presents the pertinent construction details for the active landfill cells at Plant Scherer.

2.0 GROUNDWATER MONITORING ACTIVITIES

In accordance with 40 CFR §257.90(e), the following describes monitoring-related activities performed during the preceding year and discusses any change in status of the monitoring program. Groundwater sampling was performed in accordance with 40 CFR §257.93. Samples were collected from each well in the certified monitoring system. The location of each of these monitoring wells is shown on Figure 2, Site Plan and Well Location Map.

Table 2, Groundwater Sampling Event Summary, presents a summary of groundwater sampling events completed for Cell 1 and PAC Ash Cell. Groundwater sampling events were conducted for Cell 1 and PAC Ash Cell during March 2018 and October 2018. During each sampling event groundwater samples were collected for Appendix III constituents at each detection monitoring well.

2.1 Monitoring Well Installation and Maintenance

There was no change to the groundwater monitoring system in 2018; the network remained the same as in the 2017 (previous) reporting year. In summary, monitoring well-related activities were limited to visual inspection of well conditions prior to sampling, recording the site conditions, and performing exterior maintenance to provide safe access for sampling.

2.2 Detection Monitoring

In accordance with §257.94(b), the detection groundwater monitoring program continued in 2018. Groundwater samples were collected semi-annually from each monitoring well and analyzed for Appendix III constituents. Results of these analyses are included in laboratory analytical data reports provided in Appendix A, Analytical Laboratory Reports & Field Data Forms. In accordance with the approved Georgia EPD Solid Waste Permit No. 102-009S(LI), additional monitoring parameters were analyzed during each of the semi-annual monitoring events conducted in March and October 2018. Copies of these results have also been provided in Appendix A.

2.3 Alternate Source Demonstrations

Based on results of the 2017 Annual Groundwater and Corrective Action Monitoring Report, statistically significant increases (SSIs) of Appendix III constituents were identified above background concentrations. In accordance with §257.94(e)(2), an alternate source demonstration (ASD) was prepared and placed into the operating record on April 15, 2018. A copy of that ASD (*Alternate Source Demonstration, Georgia Power Company Plant Scherer Cell 1 and PAC Ash Cell*, prepared by Golder Associates Inc, April 15, 2018) is included as Appendix B, Alternate Source Demonstration. As discussed in the following sections of this report, additional SSIs above background concentrations were identified in 2018. An ASD that addresses the SSIs identified following the March 2018 and October 2018 has also been prepared and included in Appendix B.

3.0 SAMPLE METHODOLOGY & ANALYSIS

The following sections describe the methods used to conduct groundwater monitoring at Cell 1 and PAC Ash Cell in 2018.

3.1 Groundwater Level Measurement

Prior to each sampling event, groundwater elevations were recorded from the certified well network at Plant Scherer. Groundwater elevations are summarized in Table 3, Summary of Groundwater Elevations. Both the March and October 2018 elevation data was used to develop potentiometric surface elevation contour maps Figure 3A, Cell 1 Potentiometric Surface Map – March 19, 2018 and Figure 3B, Cell 1 Potentiometric Surface Map – October 1, 2018 as well as Figure 4A, PAC Ash Cell Potentiometric Surface Map – March 19, 2018 and Figure 4B, PAC Ash Cell Potentiometric Surface Map – October 1, 2018. The general direction of groundwater flow across the site is south/southeast. This groundwater flow pattern observed during each event in 2018 is generally consistent with historical observations.

3.2 Groundwater Gradient and Flow Velocity

Groundwater flow rates at the site were calculated based on hydraulic gradients, hydraulic conductivity from previous slug test results, and an estimated effective porosity of the screened horizon. Based on slug test data at the site, an average hydraulic conductivity value of 6.6×10^{-4} centimeter/second (1.86 feet/day) was used in the flow calculations. Additional details are provided in the Plant Scherer Proposed Coal Combustion By-Product Disposal Facility Site Acceptability Report (2007). The hydraulic gradient was calculated between well pairs as shown on Table 4A, Groundwater Flow Velocity Calculations – March 2018 and Table 4B, Groundwater Flow Velocity Calculations – October 2018. An effective porosity of 0.20 was used based on the default values for effective porosity recommended by USEPA for a silty sand-type soil (USEPA, 1996).

Horizontal flow velocity was calculated using the commonly-used derivative of Darcy's Law presented in Criteria for Performing Site Acceptability Studies for Solid Waste Landfills in Georgia – Circular 14 (EPD, 1997):

$$V = \frac{K * i}{n_e}$$

Where:

V = Groundwater flow velocity $\left(\frac{\text{feet}}{\text{day}}\right)$

K = Average Permeability of the aquifer $\left(\frac{\text{feet}}{\text{day}}\right)$

i = Horizontal hydraulic gradient $\left(\frac{\text{feet}}{\text{feet}}\right)$

n_e = Effective porosity

Using this equation, groundwater flow velocities are calculated for various areas of the site and are tabulated on Table 4. Table 4 presents the velocities calculated using groundwater elevation data from this sampling event.

As presented on Table 4A/B groundwater flow velocity at the site is approximately 0.2 feet/day across the Cell 1 and PAC Ash Cell during 2018. These calculated groundwater flow velocities across the site are consistent with historical calculations. The observed groundwater flow velocities calculated for this monitoring event are also consistent with expected velocities in the regolith-upper bedrock aquifers of Georgia Piedmont and confirm the groundwater monitoring system as properly located to monitor the uppermost aquifer for the landfills at Plant Scherer. However, these calculated velocities are best estimates based on field data and default data for soils, and therefore, these velocities should not be taken as absolute values, but rather as estimated values that may vary with future data collected at the site.

3.3 Groundwater Sampling

Groundwater samples were collected in accordance with §257.93(a). Monitoring wells were purged and sampled using low-flow sampling procedures. Non-dedicated, low-flow pneumatic bladder pumps were used to purge and sample the wells, except at well GWC-8A, where a dedicated bladder pump is installed. During the purging of each well, field measurements of temperature, specific conductance, dissolved oxygen (DO), pH, oxidation-reduction potential (ORP), and turbidity were recorded using a SmarTroll® (In-Situ® field instrument) along with a separate turbidity meter to verify stabilization. Groundwater samples were collected when the following general stabilization criteria were met:

- 0.1 standard units for pH
- 5% for specific conductance
- 0.2 milligrams per liter (mg/L) or 10% for DO > 0.5 mg/L (whichever is greater)
- Turbidity measurements less than 10 Nephelometric Turbidity Units (NTU)

Any deviation from stabilization criteria, if applicable, is identified on field sampling forms. Following well stabilization, unfiltered samples were collected directly into appropriately preserved laboratory supplied sample containers, placed in iced coolers, and submitted to the laboratory following standard chain-of-custody protocol. Field information forms generated directly from the SmarTroll as well as chain-of-custody records are included in Appendix A.

Where sample turbidity was greater than 5 NTU and all other stabilization criteria were met, samplers continued purging for up to 3 additional hours in order to reduce the turbidity to 5 NTU or less. When turbidity remained above 5 NTU but was less than 10 NTU, and all other parameters are stabilized, the well was sampled. Where turbidity remained above 10 NTU, an unfiltered sample was collected followed by a filtered sample that has passed through an in-line 0.45-micron filter attached to the discharge (sample collection) tube. The unfiltered samples were used for compliance monitoring and in the statistical analysis database. Filtered sample data are used to assess the impacts of turbidity on groundwater quality. Details regarding additional filtered samples are recorded on the field information form.

3.4 Laboratory Analyses

Groundwater samples were collected in March and October 2018 for detection monitoring and were analyzed for Appendix III monitoring parameters. Analytical methods used for groundwater monitoring parameters can be

found on the attached analytical data reports in Appendix A. Additional state required monitoring parameters are also included on laboratory reports found in Appendix A.

Laboratory analyses were performed by Test America, Inc. (TAL), and TAL of St. Louis Missouri. The TAL are accredited by National Environmental Laboratory Accreditation Program (NELAP) and maintain a NELAP certification for all parameters analyzed for this project. In addition, TAL laboratories are certified to perform analysis by the State of Georgia. Groundwater data and chain of custody records for the monitoring events are presented in Appendix A.

3.5 Quality Assurance and Quality Control

During each sampling event, quality assurance/quality control samples (QA/QC) are collected at a rate of one QA/QC sample per every 10 groundwater samples. Equipment blanks (where non-dedicated sampling equipment is used), field blanks, and duplicate samples were also collected during each sampling event. QA/QC samples data was evaluated during data validation and is included in Appendix A.

Groundwater quality data in this report was validated in accordance with USEPA guidance (USEPA, 2011). Data validation generally consisted of reviewing sample integrity, holding times, applicable analytical methods were used, laboratory method blanks, laboratory control samples, matrix spikes/matrix spike duplicate recoveries and relative percent differences, post digestion spikes, laboratory and field duplicate relative percent differences (RPDs), field and equipment blanks, and reporting limits. Where appropriate, validation qualifiers and flags are applied to the data using USEPA procedures (USEPA, 2017). Flagged data are identified in the statistical analysis reports described in the following section.

4.0 STATISTICAL ANALYSES

Statistical analysis of Appendix III groundwater monitoring data was performed pursuant to §257.93 following the PE certified statistical method for Cell 1 and PAC Ash Cell. Statistical analyses were completed for each of the March 2018 and October 2018 monitoring events independently.

4.1 Statistical Methods

The selected statistical method for Cell 1 and PAC Ash Cell was developed in accordance with 40 CFR §257.93(f) using methodology presented in Statistical Analysis of Groundwater Data at RCRA Facilities, Unified Guidance, March 2009, USEPA 530/R-09-007 (Unified Guidance). The Sanitas™ Groundwater statistical software was used to perform the statistical analyses. Sanitas™ is a decision-support software package, that incorporates the statistical tests required of Subtitle C and D facilities by USEPA regulations and guidance as recommended in the USEPA Unified Guidance (2009) document.

Groundwater quality data were evaluated using a combination of both intrawell and interwell prediction limits for Appendix III parameters. Using interwell methods, upgradient well data were pooled to establish a background statistical limit. Using intrawell methods utilize historical data from within a given well to establish a statistical limit for comparison of compliance data. Data from the March 2018 and October 2018 detection monitoring events are compared to the statistical limit to determine whether any concentrations exceed background levels. The selected statistical method uses an optional 1-of-2 verification resample plan. When an initial statistically significant increase (SSI) or questionable result occurs, a second sample may be collected to verify the initial result or determine if the result was an outlier. Using intrawell statistical methods, background data from a parameter at a well (e.g., pH at MW-1) is used to establish a background statistical limit for that parameter at that well. As a

result, each parameter will have a different statistical limit for each well. Data from the March 2018 and October 2018 detection monitoring events were compared to the statistical limit to determine whether any concentrations exceed background levels. The intrawell statistical method uses an optional 1-of-2 verification resample plan. When an SSI or questionable result occurs, one additional sample may be collected to verify the initial result or determine if the result was an outlier.

If the initial finding was not verified by resampling, the resampled value replaced the initial finding. When the re-sample confirms the initial finding, both values remain in the database and an SSI is declared.

The following table provides a summary of the statistical methodology used at Cell 1 and PAC Ash Cell for routine detection groundwater monitoring.

PLANT SCHERER CELL 1 STATISTICAL METHOD SUMMARY		
Monitoring Well Network	Upgradient Wells	GWA-15, GWA-16, and GWA-17
	Downgradient Wells	GWC-1, GWC-2, GWC-3, GWC-4, GWC-5, GWC-6, GWC-7, GWC-8/GWC-8A, GWC-9, GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, and GWC-20
CCR Monitoring Parameters	Appendix III (Detection Monitoring)	Boron, Calcium, Chloride, Fluoride, pH, Sulfate, and Total Dissolved Solids (TDS)
	Appendix IV (Assessment Monitoring-if required)	Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Combined Radium 226 + 228, Fluoride, Lead, Lithium, Mercury, Molybdenum, Selenium, and Thallium
Statistical Methodology	Data Screening on Proposed Background	Evaluate outliers, trends, and seasonality when sufficient data are available
	Statistical Limits	A mix of interwell (GWC-5 only) and intrawell statistical limits will be applied on a constituent basis, depending on the appropriateness of the method as determined by the Analysis of Variance
	Prediction Limits	Parametric when data follow a normal or transformed normal distribution and when less than 50% non-detects, utilizing Kaplan Meier non-detect adjustment when applicable; nonparametric when data sets contain greater than 50% non-detects or when data are not normally or transformed-normally distributed.
	Confidence Intervals	Used in Assessment and Corrective Action monitoring.
	No Statistical Testing	Statistical testing is not required for parameters with 100% non-detects.
	Verification Resample Plan (Optional)	1-of-2 with minimum of 8 samples per well for interwell testing; 1-of-2 resample plan with a minimum of 10 samples per well for intrawell testing. <ul style="list-style-type: none"> ▪ Initial statistical exceedance warrants independent resampling within 90 days. ▪ If resample passes, well/parameter is not a confirmed statistically significant increase (SSI). ▪ If all resamples exceeds, well/parameter has a confirmed SSI. ▪ If no resample is collected, the original result is deemed verified.

PLANT SCHERER PAC ASH LANDFILL STATISTICAL METHOD SUMMARY		
Monitoring Well Network	Upgradient Wells	GWA-21, GWA-22, GWA-45, GWA-46, GWA-47, GWA-48, GWA-49
	Downgradient Wells	GWC-29, GWC-50, GWC-51, GWC-52, GWC-53
CCR Monitoring Parameters	Appendix III (Detection Monitoring)	Boron, Calcium, Chloride, Fluoride, pH, Sulfate, and TDS
	Appendix IV (Assessment Monitoring-if required)	Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Combined Radium 226 + 228, Fluoride, Lead, Lithium, Mercury, Molybdenum, Selenium, and Thallium
Statistical Methodology	Data Screening on Proposed Background	Evaluate outliers, trends, and seasonality when sufficient data are available
	Statistical Limits	Intrawell statistical limits will be applied for each well/constituent, depending on the appropriateness of the method as determined by the Analysis of Variance
	Prediction Limits	Parametric when data follow a normal or transformed normal distribution and when less than 50% non-detects, utilizing Kaplan Meier non-detect adjustment when applicable; nonparametric when data sets contain greater than 50% non-detects or when data are not normally or transformed-normally distributed.
	Confidence Intervals	Used in Assessment and Corrective Action monitoring.
	No Statistical Testing	Statistical testing is not required for parameters with 100% non-detects.
	Verification Resample Plan (Optional)	1-of-2 with minimum of 8 samples per well for intrawell testing. <ul style="list-style-type: none"> ▪ Initial statistical exceedance warrants independent resampling within 90 days. ▪ If resample passes, well/parameter is not a confirmed SSI. ▪ If resample exceeds, well/parameter has a confirmed SSI. ▪ If no resample is collected, the original result is deemed verified.

The following guidance is also applicable to the statistical analysis method:

- Statistical analyses are not performed on analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain less than or equal to 15% non-detects in background, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the PQL as reported by the laboratory.
- When data contain between 15-50% non-detects, a non-detect adjustment such as the Kaplan-Meier or Regression on Order Statistics (ROS) method for adjustment of the mean and standard deviation will be used prior to constructing a parametric prediction limit.

Nonparametric prediction limits are used on data containing greater than 50% non-detects.

4.2 Statistical Analysis Results

Analytical data from the March 2018 and October 2018 monitoring events for Cell 1 and PAC Ash Cell have been statistically analyzed in accordance with each CCR unit certified statistical analysis method. Verification resampling to confirm initial prediction limit exceedances was not performed; therefore, exceedances are considered verified and SSIs declared. The statistical results following both the March 2018 and the October 2018 monitoring events are included in Appendix C, Statistical Analyses.

Review of the Sanitas™ results presented in Appendix C indicates that the following verified SSIs were identified following the March 2018 event:

March 2018 Intra-Well Prediction Limit Summary	
Appendix III Parameter	Cell 1 Intra-Well Prediction Limit Statistically Significant Increase Summary
Boron	GWC-5
Calcium	GWC-4, GWC-5, GWC-7, GWC-9*
Chloride	GWC-4, GWC-5
Sulfate	GWC-5, GWC-15
Total Dissolved Solids	GWC-4, GWC-5
Appendix III Parameter	PAC Ash Cell Intra-Well Prediction Limit Statistically Significant Increase Summary
Calcium	GWC-29, GWC-52
Chloride	GWA-46*, GWC-53
Sulfate	GWA-21, GWC-52

Review of the Sanitas™ results presented in Appendix C indicates that the following verified SSIs were identified following the October 2018 event:

October 2018 Intra-Well Prediction Limit Summary	
Appendix III Parameter	Cell 1 Intra Well Prediction Limit Statistically Significant Increase Summary
Chloride	GWC-4, GWC-10, GWC-15

Appendix III Parameter	PAC Ash Cell Intra-Well Prediction Limit Statistically Significant Increase Summary
Boron	GWA-45
Calcium	GWC-29*
Chloride	GWA-21, GWA-46, GWC-53
pH	GWC-29, GWA-48*, GWA-49*, GWC-50
Sulfate	GWA-21, GWC-52, GWC-53
Total Dissolved Solids	GWC-29, GWC-50, GWC-52, GWC-53

The March and October 2018 prediction limit summary tables identify statistical exceedances based on an intra-well prediction limit analyses. We note when reviewing the statistical exceedances, that in some instances (those identified by “*”), the exceedances are identified based on a rounding error. That is to say, exceedances would not occur if the limit were rounded to the same number of significant digits as the observed result, and is the result of error in statistical evaluation (i.e., rounding error). Because the SSI was triggered in this manner, an ASD is

not warranted and have not been prepared. Additionally, time series plots show that more recent concentrations data are essentially at the prediction limit.

We also note that SSIs were identified both upgradient (GWA-series wells) and downgradient of the landfill. Those exceedances upgradient of the lined landfill cannot be the result of the landfill unit. Groundwater flow directions observed during the 2018 monitoring events that flow rates and directions are generally consistent with historical interpretations data and confirms the upgradient position of GWA-series wells. Because of this, an SSI at upgradient wells cannot be attributed to the Cell 1 and PAC Ash units but rather natural variability in groundwater chemistry or an alternate source. As a result, an ASD for the exceedances at upgradient wells are not warranted and have not been prepared presented.

SSIs identified following data obtained during the March 2018 monitoring event indicate SSIs of Appendix III constituents were identified above background concentrations and are similar to those identified following the October 2017 monitoring event. In accordance with §257.94(e)(2), an alternate source demonstration (ASD) was prepared and placed into the operating record on April 15, 2018. A copy of that ASD (Alternate Source Demonstration, Georgia Power Company Plant Scherer Cell 1 and PAC Ash Cell, prepared by Golder Associates Inc., April 15, 2018) is included as Appendix B and is applicable to those exceedances identified following the March and October sampling events. A supplemental ASD for those SSIs identified following the October 2018 sampling event that are not specifically addressed by the April 15, 2018 ASD is underway and will be placed in operating record.

5.0 MONITORING PROGRAM STATUS

Plant Scherer Cell 1 and PAC Ash Cell are in detection monitoring. Table 2 presents the status of each well within the certified monitoring network for Cell 1 and PAC Ash Cell. SSIs of Appendix III parameters have been identified. The SSIs were addressed in accordance with the requirements, and options of §257.94(e)(2) by demonstrating alternate sources for the reported SSIs.

6.0 CONCLUSIONS AND FUTURE ACTIONS

This 2018 Annual Groundwater Monitoring and Corrective Action Report, Georgia Power Company Plant Scherer Cell 1 and PAC Ash Cell has been prepared to fulfill the requirements of USEPA CCR rule 40 CFR 257 Subpart D.

Statistical evaluations of the groundwater monitoring data for Cell 1 and PAC Ash Cell identified SSIs of Appendix III groundwater monitoring parameters. In accordance with §257.94(e)(1), an alternate source demonstration has been completed for the Appendix III SSIs. Plant Scherer Cell 1 and PAC Ash Cell will remain in detection monitoring and the next scheduled sampling event is scheduled for March 2019.

7.0 REFERENCES

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Tables & Figures

TABLE 1.
WELL CONSTRUCTION DATA
Georgia Power - Plant Scherer
Juliette, GA

Well ID	Hydraulic Location	Latitude	Longitude	Top of Casing Elevation (feet msl)	Ground Surface Elevation (feet msl)	Total Depth (feet bgs)	Top of Screen Elevation (feet msl)	Bottom of Screen Elevation (feet msl)	Screen Length (feet)
GYMPSUM CELL 1									
GWA-15	Upgradient	33.07878	-83.79131	414.82	411.82	38.2	346.9	336.6	10.3
GWA-16	Upgradient	33.07806	-83.79152	444.06	440.74	58.2	332.1	321.8	10.3
GWA-17	Upgradient	33.07751	-83.79247	445.63	442.72	49.7	370.8	360.5	10.3
GWC-1	Downgradient	33.07653	-83.79300	374.75	371.54	43.3	378.6	368.3	10.3
GWC-2	Downgradient	33.07554	-83.79305	380.03	376.91	34.1	372.8	362.5	10.3
GWC-3	Downgradient	33.07466	-83.79356	410.22	407.19	48.5	377.5	367.2	10.3
GWC-4	Downgradient	33.07375	-83.79430	411.57	408.31	58.7	369.7	359.4	10.3
GWC-5	Downgradient	33.07290	-83.79499	396.50	393.18	53.5	364.6	354.3	10.3
GWC-6	Downgradient	33.07296	-83.79587	415.70	412.36	20.1	376.2	365.9	10.3
GWC-7	Downgradient	33.07393	-83.79635	418.07	414.29	58.7	369.7	359.4	10.3
GWC-8	Downgradient	33.07393	-83.79635	418.07	414.29	35.1	367.9	357.6	10.3
GWC-8A	Downgradient	33.07487	-83.79713	407.80	404.76	34.4	378.1	367.8	10.3
GWC-9	Downgradient	33.07578	-83.79786	386.01	383.02	37.7	385.3	375.0	10.3
GWC-10	Downgradient	33.07677	-83.79839	392.68	389.30	43.3	386.6	376.3	10.3
GWC-11	Downgradient	33.07764	-83.79930	402.19	399.06	27.5	386.2	375.9	10.3
GWC-12	Downgradient	33.07861633	-83.79873403	412.75	409.54	29.5	395.6	385.3	10.3
GWC-13	Downgradient	33.07927038	-83.79775975	419.58	416.54	57.8	396.5	386.2	10.3
GWC-14	Downgradient	33.07916324	-83.79656288	403.41	400.25	46.8	409.2	398.9	10.3
GWC-18	Downgradient	33.07858	-83.79554	439.64	436.36	60.4	389.6	379.3	10.3
GWC-19	Downgradient	33.07760	-83.79407	429.98	426.12	58.0	382.3	372.0	10.3
GWC-20	Downgradient	33.07844	-83.79249	426.09	422.82	72.7	363.7	353.4	10.3
PAC ASH CELL									
GWA-21	Background	33.08045	-83.79814	422.30	419.56	20.7	411.9	401.6	10.3
GWA-22	Background	33.08123	-83.79810	444.23	441.75	42.5	412.0	401.7	10.3
GWA-45	Background	33.08044	-83.80327	450.89	447.98	35.5	425.7	415.4	10.3
GWA-46	Background	33.08075	-83.80214	460.86	458.10	47.0	424.2	413.9	10.3
GWA-47	Background	33.08097	-83.80100	465.55	462.81	54.2	421.7	411.4	10.3
GWA-48	Background	33.08121	-83.79984	461.47	458.73	64.2	407.6	397.3	10.3
GWA-49	Background	33.08142	-83.79870	432.61	429.96	41.0	401.9	391.6	10.3
GWC-29	Compliance	33.07825	-83.80058	399.39	396.69	27.1	382.6	372.3	10.3
GWC-50	Compliance	33.07837	-83.79980	406.92	404.18	36.5	380.7	370.4	10.3
GWC-51	Compliance	33.07815	-83.80149	409.89	406.88	26.8	393.4	383.1	10.3
GWC-52	Compliance	33.07852	-83.80225	416.89	414.14	32.9	394.3	384.0	10.3
GWC-53	Compliance	33.07948	-83.80310	435.57	432.93	33.0	412.9	402.6	10.3

Notes:

1. feet msl = feet mean sea level
2. feet bgs = feet below ground surface

TABLE 2.
GROUNDWATER SAMPLING EVENT SUMMARY
Georgia Power Company - Plant Scherer
Juliette, Georgia

Well ID	Hydraulic Location	Summary of Sampling Events		Status of Monitoring Well
		March 2018	October 2018	
Purpose of Sampling Event		Detection	Detection	
CELL 1				
GWA-15	Upgradient	D02	D03	Detection
GWA-16	Upgradient	D02	D03	Detection
GWA-17	Upgradient	D02	D03	Detection
GWC-1	Upgradient	D02	D03	Detection
GWC-2	Upgradient	D02	D03	Detection
GWC-3	Downgradient	D02	D03	Detection
GWC-4	Downgradient	D02	D03	Detection
GWC-5	Downgradient	D02	D03	Detection
GWC-6	Downgradient	D02	D03	Detection
GWC-7	Downgradient	D02	D03	Detection
GWC-8 ^[1]	Downgradient	--	--	Detection
GWC-8A	Downgradient	D02	D03	Detection
GWC-9	Downgradient	D02	D03	Detection
GWC-10	Downgradient	D02	D03	Detection
GWC-11	Downgradient	D02	D03	Detection
GWC-12	Downgradient	D02	D03	Detection
GWC-13	Downgradient	D02	D03	Detection
GWC-14	Downgradient	D02	D03	Detection
GWC-18	Downgradient	D02	D03	Detection
GWC-19	Downgradient	D02	D03	Detection
GWC-20	Downgradient	D02	D03	Detection

Notes:

BGXX = Background Event and Number

Dxx - Detection Event Number

^[1] Monitoring well GWC-8 was replaced with GWC-8A in May 2017.

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 00MM0R0000R000D0 000R00000000 00
 0 00r000000 0r0000000000r0r
 000000000 0



0 000D	000000 000000 00000000 (0000M00)	0R000D0 000R0000000000(0000M00)													
		0102010	0102010	0102010	882010	10002010	11282010	20002010	00002010	01002010	10002010	0102018	00002018	10102018	
00000000															
GWC01	000000	00008	0800	000000	00010	000000	000000	000000	000000	00020	00000	000000	00022	000000	
GWC02	08000	08000	00010	000000	00000	000000	00008	00000	00010	00000	00021	000000	0800	00010	
GWC03	01022	08110	08000	00080	08000	00020	00020	000000	00001	00008	000000	000000	08000	00021	
GWC04	011000	08000	08208	081000	080000	00001	08000	08010	080000	08020	000000	08020	08000	08008	
GWC05	000000	00088	08000	08000	000000	000000	000000	00080	00008	000000	00080	000000	0828	00000	
GWC06	01000	00080	000000	00018	00080	000000	000000	01000	000000	00002	00020	000000	00008	00080	
GWC07	01800	000000	000000	00000	00000	000000	00008	00080	00008	00008	00021	000000	00020	00000	
GWC08	00080	00000	00001	00080	00002	000000	00020	08000	00	00	00	00	00	00	
GWC08A	001000	W000000000d A0r002010 0r000000 GWC08								00010	08000	08002	00010	000000	08008
GWC09	08001	00020	00080	08110	08000	08000	08000	00001	00001	08000	08000	00001	00001	08000	
GWC10	02008	08001	08008	081000	08120	080000	08112	082000	082000	08200	081000	08208	08018	081000	
GWC11	00210	08008	08001	080000	08208	082000	082000	08020	08012	080000	080000	08008	080000	08001	
GWC12	012000	080000	00011	080000	08020	080000	08018	08820	08801	08081	080000	08808	08008	080000	
GWC13	01008	000000	00102	08010	08080	08010	08018	00008	00010	080000	088000	00001	00008	08008	
GWC14	00001	001000	00210	00000	080000	088000	08020	00120	00100	00001	00000	00110	001000	00000	
GWA10	01082	00082	000000	00208	00100	00008	000000	00018	00000	002000	001000	000000	00020	00201	
GWA11	000000	001000	001000	01200	010000	000000	008000	01101	01100	01088	00002	01112	01210	010000	
GWA12	000000	01001	01010	01002	01001	01020	01281	01220	012000	01280	01288	01202	01022	00000	
GWC18	000000	000000	000000	00021	000000	000000	00012	00001	000000	00000	00088	00000	000000	000000	
GWC19	02008	000000	000000	00000	000000	00008	000000	00088	000000	00010	000000	00000	000000	00001	
GWC20	02000	08010	08000	08080	08020	08000	08200	080000	080000	08081	082000	08000	08002	08002	

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 00MM0R0000R000D0 000R00000000 00
 0 00r0000000 0r00000000000r0r
 000000000 0



0 000D	000000 000000 00000000 (0000M00)	0R000D0 000R0000000000(0000M00)												
		0102010	0102010	0102010	882010	1002010	11282010	2002010	0002010	0102010	1002010	0102018	0002018	1012018
000000000000														
GWA21	02200	00102	01080	01008	01000	01001	01028	01000	01020	01002	01001	01000	01800	01001
GWA22	00020	01001	02021	02101	01002	01000	01008	02010	02000	01808	01010	01800	02002	01810
GWA00	00080	000	00080	00002	00080	00200	00120	00000	00000	00080	00200	00008	00000	00000
GWA00	00080	00180	00100	00110	00008	02800	02002	02800	02010	02800	02001	02828	02800	02000
GWA00	00000	02000	02000	02800	02080	02080	02000	02000	02000	02000	02002	02010	02000	02000
GWA08	00100	02001	02010	02020	02020	02000	02002	02200	02001	02000	02210	02100	02200	02200
GWA00	00201	02080	02010	02200	01008	01800	01800	02180	02101	01082	01812	02000	02220	01010
GWC20	00000	00000	00018	00001	00000	00000	00008	00000	00082	00008	00000	00001	00010	00000
GWC00	00002	00880	00000	00810	00000	00000	00002	00810	00810	00000	00002	00812	00800	00000
GWC01	00080	00100	00100	00110	00088	00000	00000	00128	00110	00000	00088	00100	00180	00100
GWC02	01080	00000	00800	00088	00000	00001	00000	00082	00008	00002	00000	00080	00000	00000
GWC00	00000	02000	02080	02000	02000	02000	02280	02000	02010	02000	02080	02018	02000	02008

000000

0000MSL 0 000000000 0 0000 000 00000

NM 0 N00M0000000d

TABLE 4A.
GROUNDWATER VELOCITY CALCULATIONS - MARCH 2018
Georgia Power - Plant Scherer
Juliette, GA

Well ID	Distance (ft)	Δh (ft)	ΔL (ft)	$\frac{\Delta h}{\Delta L}$	Hydraulic Conductivity (ft/d)	Effective Porosity	Velocity (ft/d)	Velocity (ft/day)
GWA001-GWC001								
GWA001-GWC001	1202	0.00	21200	0.01	180	0.2	0.1	0.1
	0.00							
GWA002-GWC002								
GWA002-GWC002	0000	1000	000	0.0200	180	0.2	0.2	0.2
	0.00							
GWA003-GWC003								
GWA003-GWC003	0008	0.00	00000	0.00	180	0.2	0.2	1108
	0100							
GWA004-GWC004	2010	2000	101000	0.020	180	0.2	0.2	800
	812							

Notes

1. ΔH = Change in groundwater elevation.
2. ΔL = Distance along flow path.
3. $I = \Delta H / \Delta L$.
4. Velocity = $(I * K) / n_e$.
5. Hydraulic conductivity range based on historic aquifer performance tests.
6. Effective porosity based on fracture occurrence.

TABLE 4B.
GROUNDWATER VELOCITY CALCULATIONS - OCTOBER 2018
Georgia Power - Plant Scherer
Juliette, GA

Flow Paths	Groundwater Elevation (feet msl)	Δh (feet) ²	Δl (feet) ³	Hydraulic Gradient ($\Delta h/\Delta l$)	Average Hydraulic Conductivity, K (feet per day) ⁵	Assumed Effective Porosity (n_e)	Average Linear Groundwater Velocity	
							(feet per day) ⁴	(feet per year) ⁴
Cell 1:								
GWA-17/GWC-7	409.06	33.02	2123.35	0.016	1.860	0.2	0.1	52.8
	376.04							
GWC-19/GWC-3	396.31	17.10	643	0.0266	1.86	0.2	0.2	90.3
	379.21							
PAC Ash:								
GWA-45/GWC-51	433.05	31.98	997.00	0.032	1.860	0.2	0.3	108.9
	401.07							
GWA-47/GWC-50	424.97	27.33	1016.00	0.027	1.860	0.2	0.3	91.3
	397.64							

Notes:

1. ΔH = Change in groundwater elevation.
2. ΔL = Distance along flow path.
3. $I = \Delta H / \Delta L$.
4. Velocity = $(I * K)/n_e$.
5. Hydraulic conductivity range based on historic aquifer performance tests.
6. Effective porosity based on fracture occurrence.

TABLE 5A.
ANALYTICAL DATA SUMMARY CELL 1 (MARCH 2018)
GPC PLANT SCHERER
JULIETTE, GEORGIA

Analyte	Units	SCREENING/TARGET LEVELS			GROUNDWATER MONITORING WELLS																					
		GA MCL	RL	MDL	GWA-15	GWA-16	GWA-17	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20		
APPENDIX III			Sample Date:		3/20/2018	3/20/2018	3/20/2018	3/20/2018	3/20/2018	3/21/2018	3/21/2018	3/22/2018	3/21/2018	3/22/2018	3/22/2018	3/21/2018	3/21/2018	3/21/2018	3/21/2018	3/21/2018	3/22/2018	3/20/2018	3/20/2018	3/20/2018	3/21/2018	
BORON, TOTAL	mg/L	N/R	0.05	0.021	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.48	<0.050	<0.050	0.25	0.089	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	
CALCIUM, TOTAL	mg/L	N/R	0.23	0.13	4.2	12	6.6	18	18	9.3	15	130	19	15	30	19	17	13	1.3	6.8	6.6	11	12	14		
CHLORIDE, TOTAL	mg/L	N/R	1.0	0.89	5.6	1.5	1.4	3.9	2	3.4	13	74	5.4	1.6	7	3.6	2.3	1.6	1.6	1.4	2.7	2.3	1.6	1.8		
FLUORIDE, TOTAL	mg/L	4	0.2	0.082	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.094 J	<0.20	<0.20	<0.20	0.091 J	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
pH	S.U.	5.5-7.5	N/R	N/R	5.48	6.36	5.97	6.63	6.52	5.96	6.23	5.9	6.21	6.34	7.05	6.76	6.56	6.21	5.33	5.88	5.73	6.34	6.37	6.5		
SULFATE, TOTAL	mg/L	N/R	1.0	0.7	1.20	<1.0	<1.0	0.95 J	<1.0	<1.0	4.9	400	9.5	<1.0	39	12	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
TOTAL DISSOLVED SOLIDS	mg/L	N/R	5.0	3.4	20 J	110	90	110	120	98	160	1000	170	130	220	160	120	100	28 J	76	42	92	100	100		
STATE PARAMETERS																										
ANTIMONY, TOTAL	mg/L	0.006	0.0025	0.001	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
ARSENIC, TOTAL	mg/L	0.01	0.0013	0.00046	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.00089 J	<0.0013	0.00046 J	<0.0013	<0.0013	0.00075 J	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.00078 J
BARIUM, TOTAL	mg/L	2.0	0.0025	0.00049	0.010	0.023	0.027	0.042	0.045	<0.018	0.045	0.048	0.056	0.035	0.019	0.021	<0.028	<0.016	<0.017	0.034	0.0091	0.033	0.019	<0.03		
BERYLLIUM, TOTAL	mg/L	0.004	0.0025	0.00034	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
CADMIUM, TOTAL	mg/L	0.005	0.0025	0.00034	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
CHROMIUM, TOTAL	mg/L	0.1	0.0025	0.0011	<0.0025	0.0044	0.006	0.013	0.0099	0.0093	<0.0062	0.0086 J	0.012	0.0086 J	0.0079 J	<0.0046	0.017 J	<0.0081	<0.0025	0.028 J	<0.0025	0.014	0.0097	<0.0085		
COBALT, TOTAL	mg/L	N/R	0.0025	0.0004	0.0018 J	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
COPPER, TOTAL	mg/L	N/R	0.0025	0.0021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0038	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
LEAD, TOTAL	mg/L	N/R	0.0013	0.00035	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	
MERCURY, TOTAL	mg/L	0.002	0.0002	0.00007	<0.00020	<0.00020	<0.0002	<0.0002	<0.0002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	0.0002	<0.00020	
NICKEL, TOTAL	mg/L	0.1	0.0025	0.0018	<0.0025	0.04	<0.0025	<0.0025	<0.0025	0.0022 J	<0.0025	0.0019 J	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
SELENIUM, TOTAL	mg/L	0.05	0.0013	0.00024	<0.0013	<0.0013	<0.0013	<0.0013	<0.00013	<0.0013	<0.0013	0.038	<0.0013	<0.0013	0.00032 J	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	
SILVER, TOTAL	mg/L	N/R	0.00025	0.00011	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	
THALLIUM, TOTAL	mg/L	0.002	0.0005	8.5E-05	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	
VANADIUM, TOTAL	mg/L	N/R	0.0025	0.0014	<0.0025	0.0067	0.0041	0.016	0.014	0.0097	0.0058	0.0018 J	0.0077	0.012	0.0043	0.018	0.012	0.0098	<0.0025	<0.0025	<0.0025	0.0064	0.0072	0.021		
ZINC, TOTAL	mg/L	N/R	0.02	6.5E-03	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.0086 J	<0.020	<0.020	<0.020	<0.020	<0.020	0.007 J	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	

NOTES:

1. Results bolded denote a MCL exceedance.
2. ug/L - Micrograms per Liter
3. mg/L - Milligrams per Liter
4. N/R - Indicates constituent is not regulated by Hazardous Site Response Act
5. MDL - Method Detection Limit.
6. J - Result is an estimated value. The result is greater than or equal to the Method Detection Limit (MDL) and less than the Practical Quantitation Limit (PQL). Values are displayed as less than the PQL with a J.
7. "<" - Constituent was analyzed for, but was not detected above the MDL and is considered a non-detect. Values displayed as less than PQL.
8. GA MCL/SMCL - Georgia Maximum Contaminant Level/Secondary Contaminant Level - Georgia Department of Natural Resources Environmental Protection Division Chapter 391-3-4 Solid Waste management Rule.
9. USEPA - Maximum Contaminant Level/Secondary Contaminant Level - United States Environmental Protection Agency (USEPA) Table of Regulated Drinking Water Contaminants (updated June 2016). Available at <https://www.epa.gov/ground-water-and-drinking-water/table-regulated-drinking-water-contaminants>. USEPA Secondary Drinking Water Standards: Guidance for Nuisance Chemicals (updated January 2016). Available at <https://www.epa.gov/dwstandardsregulations/secondary-drinking-water-standards-guidance-nuisance-chemicals>.

TABLE 5B.
ANALYTICAL DATA SUMMARY PAC ASH CELL (March 2018)
GPC PLANT SCHERER
JULIETTE, GEORGIA

Analyte	Units	SCREENING/TARGET LEVELS					GROUNDWATER MONITORING WELLS												
		GA MCL	GA SMCL	US EPA	RL	MDL	GWA-21	GWA-22	GWA-45	GWA-46	GWA-47	GWA-48	GWA-49	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53	
APPENDIX III		Sample Date:					3/26/2018	3/26/2018	3/22/2018	3/23/2018	3/22/2018	3/23/2018	3/22/2018	3/26/2018	3/23/2018	3/26/2018	3/26/2018	3/26/2018	
BORON, TOTAL	mg/L	N/R	N/R	N/R	0.05	0.021	ND	ND	0.66	ND	ND	ND	ND	ND	ND	ND	0.91		
CALCIUM, TOTAL	mg/L	N/R	N/R	N/R	0.23	0.13	9.3	8.7	39	6.6	11	13	14	11	7.5	7.0	15	19	
CHLORIDE, TOTAL	mg/L	N/R	250	N/R	1	0.89	3.8	1.9	9.7	3.6	1.3	1.6	1.9	3.1	1.9	6.6	7.8	11	
FLUORIDE, TOTAL	mg/L	4	2	4	0.2	0.082	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
pH	S.U.	5.5-7.5	N/R	N/R	N/R	N/R	5.76	6.06	6.2	5.89	6.46	6.92	7	5.91	5.98	5.98	6.77	5.78	
SULFATE, TOTAL	mg/L	N/R	250	250	1	0.7	2.3	ND	150	ND	ND	1.3	ND	2.4	ND	ND	20	160	
TOTAL DISSOLVED SOLIDS	mg/L	N/R	500	500	5	3.4	94	56	310	52	92	86	100	58	96	72	98	240	
STATE PARAMETERS																			
ANTIMONY, TOTAL	mg/L	0.006	N/R	N/R	0.0025	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
ARSENIC, TOTAL	mg/L	0.01	N/R	N/R	0.0013	0.00046	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
BARIUM, TOTAL	mg/L	2	N/R	N/R	0.0025	0.00049	0.026	0.022	0.049 / 0.05	0.02	0.024	0.012	0.018	0.015	0.011	0.0094	0.013	0.05	
BERYLLIUM, TOTAL	mg/L	0.004	N/R	N/R	0.0025	0.00034	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CADMIUM, TOTAL	mg/L	0.005	N/R	N/R	0.0025	0.00034	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CHROMIUM, TOTAL	mg/L	0.1	N/R	N/R	0.0025	0.0011	ND (0.0011 J)	0.0088	ND	0.0045	0.0074	0.005	0.0051	ND (0.0013 J)	0.0042	0.0028	0.012	ND (0.0014 J)	
COBALT, TOTAL	mg/L	N/R	N/R	N/R	0.0025	0.0004	ND (0.00088 J)	ND	ND (0.0015 J)	ND	ND	ND	ND	ND	ND	ND	ND	0.0069	
COPPER, TOTAL	mg/L	N/R	1	1.0	1.3	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
LEAD, TOTAL	mg/L	N/R	N/R	0.015	0.0013	0.00035	ND	ND	ND	ND	ND (0.00096 J)	ND	ND	ND	ND	ND	0.0034	ND	
MERCURY, TOTAL	mg/L	0.002	N/R	N/R	0.0002	0.00007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
NICKEL, TOTAL	mg/L	0.1	N/R	N/R	0.0025	0.0018	ND	ND	ND	ND	ND	ND	ND	0.0037	ND	ND (0.0021 J)	ND	0.0075	
SELENIUM, TOTAL	mg/L	0.05	N/R	N/R	0.0013	0.00024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SILVER, TOTAL	mg/L	N/R	0.1	N/R	0.00025	0.00011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
THALLIUM, TOTAL	mg/L	0.002	N/R	N/R	0.0005	8.5E-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
VANADIUM, TOTAL	mg/L	N/R	N/R	N/R	0.0025	0.0014	ND (0.0014 J)	0.0029	ND	0.0032	0.0068	0.016	0.018	0.0037	ND (0.0023 J)	0.004	0.0096	ND	
ZINC, TOTAL	mg/L	N/R	5	N/R	0.02	6.5E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND (0.016 J)	

NOTES:

1. Results bolded and highlighted denote a MCL/SMCL exceedance.
2. ug/L - Micrograms per Liter
3. mg/L - Milligrams per Liter
4. N/R - Indicates constituent is not regulated by Hazardous Site Response Act
5. MDL - Method Detection Limit.
6. J - Result is an estimated value. The result is greater than or equal to the Method Detection Limit (MDL) and less than the Practical Quantitation Limit (PQL). Values are displayed as less than the PQL with a J.
7. "<" - Constituent was analyzed for, but was not detected above the MDL and is considered a non-detect. Values displayed as less than PQL.
8. GA MCL/SMCL - Georgia Maximum Contaminant Level/Secondary Contaminant Level - Georgia Department of Natural Resources Environmental Protection Division Chapter 391-3-4 Solid Waste management Rule.
9. USEPA - Maximum Contaminant Level/Secondary Contaminant Level - United States Environmental Protection Agency (USEPA) Table of Regulated Drinking Water Contaminants (updated June 2016). Available at <https://www.epa.gov/ground-water-and-drinking-water/table-regulated-drinking-water-contaminants>. USEPA Secondary Drinking Water Standards: Guidance for Nuisance Chemicals (updated January 2016). Available at <https://www.epa.gov/dwstandardsregulations/secondary-drinking-water-standards-guidance-nuisance-chemicals>.

TABLE 5C.
ANALYTICAL DATA SUMMARY CELL 1 (OCTOBER 2018
)GPC PLANT SCHERER
JULIETTE, GEORGIA



Analyte	SCREENING/TARGET LEVELS			GROUNDWATER MONITORING WELLS																				
	GA MCL	RL	MDL	GWA-15	GWA-16	GWA-17	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20	
APPENDIX III	Sample Date:			10/2/2018	10/2/2018	10/2/2018	10/2/2018	10/2/2018	10/3/2018	10/3/2018	10/3/2018	10/3/2018	10/4/2018	10/4/2018	10/2/2018	10/2/2018	10/2/2018	10/2/2018	10/3/2018	10/2/2018	10/2/2018	10/2/2018	10/3/2018	
BORON, TOTAL	N/R	0.05	0.021	ND	ND	ND	ND	ND	ND	ND	0.47	ND	ND	0.21	0.083	ND	ND	ND	ND	ND	ND	ND	ND	ND
CALCIUM, TOTAL	N/R	0.23	0.13	4.2	11	5.8	16	16	7.5	13	88	16	13	37	16	17	12	0.86	6.4	6.5	9.6	11	13	
CHLORIDE, TOTAL	N/R	1.0	0.89	6.3	1.6	1.5	3.7	2.0	3.5	13	46	5.7	1.7	6.1	3.1	2.6	1.7	1.6	1.5	3.00	2.5	1.7	2.0	
FLUORIDE, TOTAL	4	0.2	0.082	ND	ND	ND	ND (0.089 J)	ND	ND	ND (0.1 J)	ND	ND	ND	ND (0.14 J)	ND	ND	ND	ND	ND	ND	ND	ND	ND	
pH	5.5-7.5	N/R	N/R	5.49	6.38	6.03	6.57	6.51	5.97	6.25	5.74	6.22	6.36	7.26	6.65	6.35	6.21	5.16	5.95	5.68	6.38	6.41	6.48	
SULFATE, TOTAL	N/R	1.0	0.7	ND	ND	ND	ND	ND	ND	2.9	270	10	ND	30	8.2	1.2	ND	ND	ND	ND	ND	ND	ND	
TOTAL DISSOLVED SOLIDS	N/R	5.0	3.4	48	110	90	140	140	60	120	620	120	110	170	34	150	120	38	22	40	100	130	130	
STATE PARAMETERS																								
ANTIMONY, TOTAL	0.006	0.0025	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ARSENIC, TOTAL	0.01	0.0013	0.00046	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BARIUM, TOTAL	2	0.0025	0.00049	0.0099	0.023	0.027	0.043	0.044	0.016	0.042	0.036	0.051	0.031	0.012	0.023	0.029	0.016	0.016	0.03	0.0096	0.032	0.018	0.028	
BERYLLIUM, TOTAL	0.004	0.0025	0.00034	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CADMIUM, TOTAL	0.005	0.0025	0.00034	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHROMIUM, TOTAL	0.1	0.0025	0.0011	ND	0.0043	0.0061	0.014	0.01	0.0081	0.0039	0.003	0.0042	0.0083	ND	0.0081	0.018	0.0075	ND (0.0012 J)	0.0056	ND	0.014	0.0097	0.0091	
COBALT, TOTAL	N/R	0.0025	0.0004	ND (0.0011 J)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND (0.00048 J)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
COPPER, TOTAL	1.3	0.0025	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LEAD, TOTAL	0.015	0.0013	0.00035	ND	ND	ND	ND	ND	ND (0.00037 J)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MERCURY, TOTAL	0.002	0.0002	0.00007	ND	ND (0.00012 J)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NICKEL, TOTAL	0.1	0.0025	0.0018	ND	ND	ND	ND	ND	ND (0.0018 J)	ND	ND	ND	ND	ND	ND	ND (0.0018)	ND	ND	ND	ND	ND	ND	ND	ND
SELENIUM, TOTAL	0.05	0.0013	0.00024	ND	ND	ND	ND	ND	ND	ND	0.021	ND (0.00056 J)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SILVER, TOTAL	0.1	0.00025	0.00011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
THALLIUM, TOTAL	0.002	0.0005	8.5E-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VANADIUM, TOTAL	N/R	0.0025	0.0014	ND	0.0069	0.004	0.017	0.015	0.0053	0.006	ND (0.0018 J)	0.0081	0.012	ND	0.021	0.012	0.010	ND	ND	ND	0.0064	0.0073	0.017	
ZINC, TOTAL	5	0.02	6.5E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.022	ND	ND	ND	ND	ND	ND	ND

NOTES:

1. Results bolded and highlighted denote a MCL/SMCL exceedance.
2. ug/L - Micrograms per Liter
3. mg/L - Milligrams per Liter
4. N/R - Indicates constituent is not regulated by Hazardous Site Response Act
5. MDL - Method Detection Limit.
6. J - Result is an estimated value. The result is greater than or equal to the Method Detection Limit (MDL) and less than the Practical Quantitation Limit (PQL). Values are displayed as less than the PQL with a J.
7. "<" - Constituent was analyzed for, but was not detected above the MDL and is considered a non-detect. Values displayed as less than PQL.
8. GA MCL/SMCL - Georgia Maximum Contaminant Level/Secondary Contaminant Level - Georgia Department of Natural Resources Environmental Protection Division Chapter 391-3-4 Solid Waste management Rule.
9. USEPA - Maximum Contaminant Level/Secondary Contaminant Level - United States Environmental Protection Agency (USEPA) Table of Regulated Drinking Water Contaminants (updated June 2016). Available at <https://www.epa.gov/ground-water-and-drinking-water/table-regulated-drinking-water-contaminants>. USEPA Secondary Drinking Water Standards: Guidance for Nuisance Chemicals (updated January 2016). Available at <https://www.epa.gov/dwstandardsregulations/secondary-drinking-water-standards-guidance-nuisance-chemicals>.
10. During October 2018 sampling event. Mercury results were affected by blank detections. Cross contamination was suspected at the laboratory. Samples were re-prepped and re-ran. Reanalyses results are show.

TABLE 5D.
ANALYTICAL DATA SUMMARY PAC ASH CELL (OCTOBER 2018
) GPC PLANT SCHERER
JULIETTE, GEORGIA



Analyte	Units	SCREENING/TARGET LEVELS				GROUNDWATER MONITORING WELLS											
		GA MCL	GA SMCL	RL	MDL	GWA-21	GWA-22	GWA-45	GWA-46	GWA-47	GWA-48	GWA-49	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
APPENDIX III		Sample Date:				10/3/2018	10/3/2018	10/3/2018	10/4/2018	10/5/2018	10/3/2018	10/3/2018	10/4/2018	10/4/2018	10/4/2018	10/4/2018	10/4/2018
BORON, TOTAL	mg/L	N/R	N/R	0.05	0.021	ND	ND	0.89	ND	ND	ND	ND	ND	ND	ND	ND	0.92
CALCIUM, TOTAL	mg/L	N/R	N/R	0.23	0.13	7.8	6.1	41	5.4	11	12	14	10	6.7	6.4	14	17
CHLORIDE, TOTAL	mg/L	N/R	250	1	0.89	4.0	2.9	10.0	3.9	1.4	1.6	2.0	3.1	1.9	6.9	8.1	12.0
FLUORIDE, TOTAL	mg/L	4	2	0.2	0.082	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH	S.U.	5.5-7.5	N/R	N/R	N/R	5.78	5.83	6.03	5.86	6.47	6.81	6.93	5.83	5.85	6.67	6.67	5.56
SULFATE, TOTAL	mg/L	N/R	250	1	0.7	1.9	ND	140	ND	ND	1.2	ND	2.8	ND	ND	23	170
TOTAL DISSOLVED SOLIDS	mg/L	N/R	500	5	3.4	72	42	190	48	90	88	96	130	110	96	190	320
STATE PARAMETERS																	
ANTIMONY, TOTAL	mg/L	0.006	N/R	0.0025	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ARSENIC, TOTAL	mg/L	0.01	N/R	0.0013	0.00046	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BARIIUM, TOTAL	mg/L	2	N/R	0.0025	0.00049	0.022	0.022	0.042	0.019	0.026	0.012	0.018	0.018	0.012	0.0093	0.013	0.042
BERYLLIUM, TOTAL	mg/L	0.004	N/R	0.0025	0.00034	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CADMIUM, TOTAL	mg/L	0.005	N/R	0.0025	0.00034	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHROMIUM, TOTAL	mg/L	0.1	N/R	0.0025	0.0011	ND (0.0014 J)	0.0086	ND	0.0047	0.0083	0.0051	0.0052	ND (0.0014 J)	0.005	0.0041	0.016	ND
COBALT, TOTAL	mg/L	N/R	N/R	0.0025	0.0004	ND (0.0014 J)	ND	ND (0.0018 J)	ND	ND	ND	ND	ND	ND	ND	ND	0.016
COPPER, TOTAL	mg/L	N/R	1	1.3	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LEAD, TOTAL	mg/L	N/R	N/R	0.0013	0.00035	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MERCURY, TOTAL	mg/L	0.002	N/R	0.0002	0.00007	ND (0.000088 J)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NICKEL, TOTAL	mg/L	0.1	N/R	0.0025	0.0018	ND	ND	ND	ND	ND	ND	ND	0.0037	ND	ND (0.0024 J)	ND	0.0073
SELENIUM, TOTAL	mg/L	0.05	N/R	0.0013	0.00024	ND	ND	ND	ND	ND	ND	ND	ND (0.00032 J)	ND	ND	ND (0.0004 J)	ND
SILVER, TOTAL	mg/L	N/R	0.1	0.00025	0.00011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
THALLIUM, TOTAL	mg/L	0.002	N/R	0.0005	8.5E-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VANADIUM, TOTAL	mg/L	N/R	N/R	0.0025	0.0014	ND (0.0023 J)	ND (0.0022 J)	ND	0.0034	0.0092	0.017	0.018	0.0053	0.0037	0.0066	0.013	0.0037
ZINC, TOTAL	mg/L	N/R	5	0.02	6.5E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND (0.0076 J)	ND	ND	ND (0.017 J)

NOTES:

1. Results bolded and highlighted denote a MCL/SMCL exceedance.
2. ug/L - Micrograms per Liter
3. mg/L - Milligrams per Liter
4. N/R - Indicates constituent is not regulated by Hazardous Site Response Act
5. MDL - Method Detection Limit.
6. J - Result is an estimated value. The result is greater than or equal to the Method Detection Limit (MDL) and less than the Practical Quantitation Limit (PQL). Values are displayed as less than the PQL with a J.
7. "<" - Constituent was analyzed for, but was not detected above the MDL and is considered a non-detect. Values displayed as less than PQL.
8. GA MCL/SMCL - Georgia Maximum Contaminant Level/Secondary Contaminant Level - Georgia Department of Natural Resources Environmental Protection Division Chapter 391-3-4 Solid Waste management Rule.
9. USEPA - Maximum Contaminant Level/Secondary Contaminant Level - United States Environmental Protection Agency (USEPA) Table of Regulated Drinking Water Contaminants (updated June 2016). Available at <https://www.epa.gov/ground-water-and-drinking-water/table-regulated-drinking-water-contaminants>. USEPA Secondary Drinking Water Standards: Guidance for Nuisance Chemicals (updated January 2016). Available at <https://www.epa.gov/dwstandardsregulations/secondary-drinking-water-standards-guidance-nuisance-chemicals>.
10. During October 2018 sampling event. Mercury results were affected by blank detections noted with "B". Cross contamination was suspected at the laboratory. Samples were re-prepped and re-ran. Reanalyses results are shown.

APPENDIX A

Analytical Laboratory Reports & Field Data Forms

ANALYTICAL LABORATORY REPORTS & FIELD DATA FORMS

March 2018

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pensacola

3355 McLemore Drive

Pensacola, FL 32514

Tel: (850)474-1001

TestAmerica Job ID: 400-151170-1

TestAmerica Sample Delivery Group: Landfill Cell #1

Client Project/Site: CCR - Plant Scherer

For:

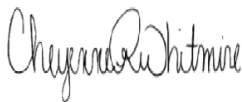
Southern Company

241 Ralph McGill Blvd SE

B10185

Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:

4/12/2018 4:43:08 PM

Cheyenne Whitmire, Project Manager II

(850)471-6222

cheyenne.whitmire@testamericainc.com

LINKS

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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Job ID: 400-151170-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative 400-151170-1

HPLC/IC

Method(s) 300.0: The following sample was diluted to bring the concentration of target analytes within the calibration range: GWC-5 (400-151170-25). Elevated reporting limits (RLs) are provided.

Metals

Method(s) 6020: The method blank for preparation batch 391209 and analytical batch 391487 contained Selenium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 6020: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 391209 and analytical batch 391487 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 6020: The matrix spike (MS) recoveries for preparation batch 392217 and analytical batch 393106 were outside control limits. Insufficient spike in the matrix spike is suspected. The associated laboratory control sample (LCS) and post digestion spike (PDS) recoveries are within acceptance limits.

Method(s) 6020: The sample size used in the preparation of the matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 392217 and analytical batch 393106 was outside the 20% difference. As the relative percent difference (RPD) calculation is based upon the MS/MSD concentration as opposed to the MS/MSD percent recovery, elevated %RPD values were obtained.

Method(s) 6020: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 392265 and analytical batch 393106 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 6020: The following sample was diluted to bring the concentration of target analytes within the calibration range: GWC-5 (400-151170-25). Elevated reporting limits (RLs) are provided.

Method(s) 7470A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 392489 and analytical batch 392873 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-2

Lab Sample ID: 400-151170-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.0		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.045		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.014		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	18		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0099		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Selenium	0.00059	J B	0.0013	0.00024	mg/L	5		6020	Total Recoverable
Mercury	0.00012	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	120		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EB-1 (LF)

Lab Sample ID: 400-151170-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.00094	J B	0.0013	0.00024	mg/L	5		6020	Total Recoverable

Client Sample ID: GWC-1

Lab Sample ID: 400-151170-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.9		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	0.95	J	1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.042		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.016		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	18		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.013		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Selenium	0.00037	J B	0.0013	0.00024	mg/L	5		6020	Total Recoverable
Mercury	0.00011	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	110		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FD-1 (LF)

Lab Sample ID: 400-151170-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.6		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	1.1		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.011		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Calcium	4.2		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0018	J	0.0025	0.00040	mg/L	5		6020	Total Recoverable
Selenium	0.00025	J B	0.0013	0.00024	mg/L	5		6020	Total Recoverable
Mercury	0.000092	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	38		5.0	3.4	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWA-15

Lab Sample ID: 400-151170-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.6		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	1.2		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.010		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Calcium	4.2		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0018	J	0.0025	0.00040	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	20		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FB-1 (LF)

Lab Sample ID: 400-151170-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.00015	J	0.00020	0.000070	mg/L	1		7470A	Total/NA

Client Sample ID: GWA-16

Lab Sample ID: 400-151170-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.5		1.0	0.89	mg/L	1		300.0	Total/NA
Nickel	0.040		0.0025	0.0018	mg/L	5		6020	Total Recoverable
Barium	0.023		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0067		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	12		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0044		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	110		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWA-17

Lab Sample ID: 400-151170-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.4		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.027		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0041		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	6.6		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0060		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Mercury	0.00014	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	90		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-18

Lab Sample ID: 400-151170-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.3		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.033		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0064		0.0025	0.0014	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-18 (Continued)

Lab Sample ID: 400-151170-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	11		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.014		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	92		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-19

Lab Sample ID: 400-151170-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.019		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0072		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	12		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0097		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Mercury	0.00020		0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	100		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-14

Lab Sample ID: 400-151170-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.7		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.0091		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Calcium	6.6		0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	42		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-9

Lab Sample ID: 400-151170-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.6		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	12		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.021		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Boron	0.089		0.050	0.021	mg/L	5		6020	Total Recoverable
Calcium	19		0.25	0.13	mg/L	5		6020	Total Recoverable
Selenium	0.00040	J	0.0013	0.00024	mg/L	5		6020	Total Recoverable
Copper - RA	0.0038		0.0025	0.0021	mg/L	5		6020	Total Recoverable
Vanadium - RA	0.018		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Chromium - RA	0.0046		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	160		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EB-2 (LF)

Lab Sample ID: 400-151170-13

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: EB-2 (LF) (Continued)

Lab Sample ID: 400-151170-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0069		0.0025	0.00049	mg/L	5		6020	Total Recoverable

Client Sample ID: GWC-10

Lab Sample ID: 400-151170-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.3		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	1.1		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.028		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.012		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	17		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.017		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	120		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FD-2 (LF)

Lab Sample ID: 400-151170-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.016		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Calcium	1.3		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.00058	J	0.0025	0.00040	mg/L	5		6020	Total Recoverable
Vanadium - RA	0.0051		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Chromium - RA	0.0013	J	0.0025	0.0011	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	4.0	J	5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-11

Lab Sample ID: 400-151170-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.016		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0098		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Zinc	0.0070	J	0.020	0.0065	mg/L	5		6020	Total Recoverable
Calcium	13		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0081		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	100		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-12

Lab Sample ID: 400-151170-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.89	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-12 (Continued)

Lab Sample ID: 400-151170-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.017		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Calcium	1.3		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0014	J	0.0025	0.0011	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	28		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-3

Lab Sample ID: 400-151170-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.4		1.0	0.89	mg/L	1		300.0	Total/NA
Arsenic - RA	0.00089	J	0.0013	0.00046	mg/L	5		6020	Total Recoverable
Nickel - RA	0.0022	J	0.0025	0.0018	mg/L	5		6020	Total Recoverable
Barium - RA	0.018		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium - RA	0.0097		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium - RA	9.3		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium - RA	0.0093		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	98		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FB-2 (LF)

Lab Sample ID: 400-151170-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.0030		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Selenium	0.00026	J	0.0013	0.00024	mg/L	5		6020	Total Recoverable

Client Sample ID: GWC-20

Lab Sample ID: 400-151170-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.8		1.0	0.89	mg/L	1		300.0	Total/NA
Arsenic - RA	0.00078	J	0.0013	0.00046	mg/L	5		6020	Total Recoverable
Barium - RA	0.030		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium - RA	0.021		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium - RA	14		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium - RA	0.0085		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	100		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-6

Lab Sample ID: 400-151170-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.4		1.0	0.89	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-6 (Continued)

Lab Sample ID: 400-151170-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	9.5		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.056		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0077		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	19		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.012		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Selenium	0.00038	J	0.0013	0.00024	mg/L	5		6020	Total Recoverable
Mercury	0.00011	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	170		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-4

Lab Sample ID: 400-151170-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	13		1.0	0.89	mg/L	1		300.0	Total/NA
Fluoride	0.094	J	0.20	0.082	mg/L	1		300.0	Total/NA
Sulfate	4.9		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.045		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0058		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	15		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0062		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Selenium	0.00029	J	0.0013	0.00024	mg/L	5		6020	Total Recoverable
Mercury	0.00012	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	160		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-13

Lab Sample ID: 400-151170-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.4		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.034		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Calcium	6.8		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.028		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Mercury	0.00012	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	76		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-7

Lab Sample ID: 400-151170-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.035		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.012		0.0025	0.0014	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-7 (Continued)

Lab Sample ID: 400-151170-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	15		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0086	F1	0.0025	0.0011	mg/L	5		6020	Total Recoverable
Mercury	0.000099	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	130		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-5

Lab Sample ID: 400-151170-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride - DL	74		10	8.9	mg/L	10		300.0	Total/NA
Sulfate - DL	400		10	7.0	mg/L	10		300.0	Total/NA
Arsenic	0.00046	J	0.0013	0.00046	mg/L	5		6020	Total Recoverable
Nickel	0.0019	J	0.0025	0.0018	mg/L	5		6020	Total Recoverable
Barium	0.048		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0018	J	0.0025	0.0014	mg/L	5		6020	Total Recoverable
Boron	0.48		0.050	0.021	mg/L	5		6020	Total Recoverable
Zinc	0.0086	J	0.020	0.0065	mg/L	5		6020	Total Recoverable
Chromium	0.0086		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Selenium	0.038		0.0013	0.00024	mg/L	5		6020	Total Recoverable
Calcium - DL	130		0.50	0.25	mg/L	10		6020	Total Recoverable
Mercury	0.000095	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	1000		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-8A

Lab Sample ID: 400-151170-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.0		1.0	0.89	mg/L	1		300.0	Total/NA
Fluoride	0.091	J	0.20	0.082	mg/L	1		300.0	Total/NA
Sulfate	39		1.0	0.70	mg/L	1		300.0	Total/NA
Arsenic	0.00075	J	0.0013	0.00046	mg/L	5		6020	Total Recoverable
Barium	0.019		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0043		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Boron	0.25		0.050	0.021	mg/L	5		6020	Total Recoverable
Calcium	30		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0079		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Selenium	0.00032	J	0.0013	0.00024	mg/L	5		6020	Total Recoverable
Mercury	0.000097	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	220		5.0	3.4	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL PEN
6020	Metals (ICP/MS)	SW846	TAL PEN
7470A	Mercury (CVAA)	SW846	TAL PEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PEN

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-151170-1	GWC-2	Water	03/20/18 13:50	03/22/18 09:14
400-151170-2	EB-1 (LF)	Water	03/20/18 15:40	03/22/18 09:14
400-151170-3	GWC-1	Water	03/20/18 12:40	03/22/18 09:14
400-151170-4	FD-1 (LF)	Water	03/20/18 00:00	03/22/18 09:14
400-151170-5	GWA-15	Water	03/20/18 10:20	03/22/18 09:14
400-151170-6	FB-1 (LF)	Water	03/20/18 10:20	03/22/18 09:14
400-151170-7	GWA-16	Water	03/20/18 10:25	03/22/18 09:14
400-151170-8	GWA-17	Water	03/20/18 12:35	03/22/18 09:14
400-151170-9	GWC-18	Water	03/20/18 13:50	03/22/18 09:14
400-151170-10	GWC-19	Water	03/20/18 15:10	03/22/18 09:14
400-151170-11	GWC-14	Water	03/20/18 14:55	03/22/18 09:14
400-151170-12	GWC-9	Water	03/21/18 14:00	03/23/18 09:03
400-151170-13	EB-2 (LF)	Water	03/21/18 14:35	03/23/18 09:03
400-151170-14	GWC-10	Water	03/21/18 13:05	03/23/18 09:03
400-151170-15	FD-2 (LF)	Water	03/21/18 00:00	03/23/18 09:03
400-151170-16	GWC-11	Water	03/21/18 10:55	03/23/18 09:03
400-151170-17	GWC-12	Water	03/21/18 09:40	03/23/18 09:03
400-151170-18	GWC-3	Water	03/21/18 12:30	03/23/18 09:03
400-151170-19	FB-2 (LF)	Water	03/21/18 12:10	03/23/18 09:03
400-151170-20	GWC-20	Water	03/21/18 10:30	03/23/18 09:03
400-151170-21	GWC-6	Water	03/21/18 14:45	03/23/18 09:03
400-151170-22	GWC-4	Water	03/21/18 13:35	03/23/18 09:03
400-151170-23	GWC-13	Water	03/22/18 11:00	03/24/18 08:17
400-151170-24	GWC-7	Water	03/22/18 09:45	03/24/18 08:17
400-151170-25	GWC-5	Water	03/22/18 11:00	03/24/18 08:17
400-151170-26	GWC-8A	Water	03/22/18 09:55	03/24/18 08:17

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-2
Date Collected: 03/20/18 13:50
Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-1
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		1.0	0.89	mg/L			04/03/18 05:32	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 05:32	1
Sulfate	<0.70		1.0	0.70	mg/L			04/03/18 05:32	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010	F1	0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 19:03	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 19:03	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 19:03	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 19:03	5
Barium	0.045		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 19:03	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 19:03	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 19:03	5
Vanadium	0.014		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 19:03	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 19:03	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 19:03	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 19:03	5
Calcium	18		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 19:03	5
Chromium	0.0099		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 19:03	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 19:03	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 19:03	5
Selenium	0.00059	J B	0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 19:03	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 19:03	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00012	J	0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 15:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	120		5.0	3.4	mg/L			03/24/18 17:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: EB-1 (LF)

Date Collected: 03/20/18 15:40

Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-2

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/03/18 05:55	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 05:55	1
Sulfate	<0.70		1.0	0.70	mg/L			04/03/18 05:55	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 19:25	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 19:25	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 19:25	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 19:25	5
Barium	<0.00049		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 19:25	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 19:25	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 19:25	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 19:25	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 19:25	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 19:25	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 19:25	5
Calcium	<0.13		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 19:25	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 19:25	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 19:25	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 19:25	5
Selenium	0.00094	J B	0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 19:25	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 19:25	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 15:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/24/18 17:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-1
Date Collected: 03/20/18 12:40
Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-3
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.9		1.0	0.89	mg/L			04/03/18 02:52	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 02:52	1
Sulfate	0.95	J	1.0	0.70	mg/L			04/03/18 02:52	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 19:30	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 19:30	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 19:30	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 19:30	5
Barium	0.042		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 19:30	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 19:30	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 19:30	5
Vanadium	0.016		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 19:30	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 19:30	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 19:30	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 19:30	5
Calcium	18		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 19:30	5
Chromium	0.013		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 19:30	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 19:30	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 19:30	5
Selenium	0.00037	J B	0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 19:30	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 19:30	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00011	J	0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 15:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	110		5.0	3.4	mg/L			03/24/18 17:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: FD-1 (LF)

Date Collected: 03/20/18 00:00

Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-4

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.6		1.0	0.89	mg/L			04/03/18 06:18	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 06:18	1
Sulfate	1.1		1.0	0.70	mg/L			04/03/18 06:18	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 19:34	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 19:34	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 19:34	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 19:34	5
Barium	0.011		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 19:34	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 19:34	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 19:34	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 19:34	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 19:34	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 19:34	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 19:34	5
Calcium	4.2		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 19:34	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 19:34	5
Cobalt	0.0018	J	0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 19:34	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 19:34	5
Selenium	0.00025	J B	0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 19:34	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 19:34	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000092	J	0.00020	0.000070	mg/L		03/31/18 15:08	04/05/18 12:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	38		5.0	3.4	mg/L			03/24/18 17:19	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWA-15
Date Collected: 03/20/18 10:20
Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-5
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.6		1.0	0.89	mg/L			04/03/18 07:26	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 07:26	1
Sulfate	1.2		1.0	0.70	mg/L			04/03/18 07:26	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 20:02	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 20:02	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 20:02	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 20:02	5
Barium	0.010		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 20:02	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 20:02	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:02	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 20:02	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 20:02	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 20:02	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:02	5
Calcium	4.2		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 20:02	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 20:02	5
Cobalt	0.0018 J		0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 20:02	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 20:02	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 20:02	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 20:02	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 16:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	20		5.0	3.4	mg/L			03/24/18 17:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: FB-1 (LF)

Date Collected: 03/20/18 10:20

Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-6

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/03/18 07:49	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 07:49	1
Sulfate	<0.70		1.0	0.70	mg/L			04/03/18 07:49	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 20:06	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 20:06	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 20:06	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 20:06	5
Barium	<0.00049		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 20:06	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 20:06	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:06	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 20:06	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 20:06	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 20:06	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:06	5
Calcium	<0.13		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 20:06	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 20:06	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 20:06	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 20:06	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 20:06	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 20:06	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	J	0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 16:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/24/18 17:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWA-16
Date Collected: 03/20/18 10:25
Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-7
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.5		1.0	0.89	mg/L			04/03/18 08:12	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 08:12	1
Sulfate	<0.70		1.0	0.70	mg/L			04/03/18 08:12	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 20:11	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 20:11	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 20:11	5
Nickel	0.040		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 20:11	5
Barium	0.023		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 20:11	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 20:11	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:11	5
Vanadium	0.0067		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 20:11	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 20:11	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 20:11	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:11	5
Calcium	12		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 20:11	5
Chromium	0.0044		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 20:11	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 20:11	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 20:11	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 20:11	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 20:11	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 16:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	110		5.0	3.4	mg/L			03/24/18 17:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWA-17
Date Collected: 03/20/18 12:35
Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-8
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4		1.0	0.89	mg/L			04/03/18 09:24	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 09:24	1
Sulfate	<0.70		1.0	0.70	mg/L			04/03/18 09:24	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 20:15	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 20:15	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 20:15	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 20:15	5
Barium	0.027		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 20:15	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 20:15	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:15	5
Vanadium	0.0041		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 20:15	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 20:15	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 20:15	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:15	5
Calcium	6.6		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 20:15	5
Chromium	0.0060		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 20:15	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 20:15	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 20:15	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 20:15	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 20:15	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00014	J	0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 16:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	90		5.0	3.4	mg/L			03/24/18 17:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-18
Date Collected: 03/20/18 13:50
Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-9
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.3		1.0	0.89	mg/L			04/03/18 09:49	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 09:49	1
Sulfate	<0.70		1.0	0.70	mg/L			04/03/18 09:49	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 20:19	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 20:19	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 20:19	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 20:19	5
Barium	0.033		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 20:19	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 20:19	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:19	5
Vanadium	0.0064		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 20:19	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 20:19	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 20:19	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:19	5
Calcium	11		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 20:19	5
Chromium	0.014		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 20:19	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 20:19	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 20:19	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 20:19	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 20:19	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 16:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	92		5.0	3.4	mg/L			03/24/18 17:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-19
Date Collected: 03/20/18 15:10
Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-10
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.89	mg/L			04/03/18 10:15	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 10:15	1
Sulfate	<0.70		1.0	0.70	mg/L			04/03/18 10:15	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 20:24	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 20:24	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 20:24	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 20:24	5
Barium	0.019		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 20:24	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 20:24	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:24	5
Vanadium	0.0072		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 20:24	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 20:24	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 20:24	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:24	5
Calcium	12		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 20:24	5
Chromium	0.0097		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 20:24	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 20:24	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 20:24	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 20:24	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 20:24	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020		0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 16:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	100		5.0	3.4	mg/L			03/24/18 17:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-14

Lab Sample ID: 400-151170-11

Date Collected: 03/20/18 14:55

Matrix: Water

Date Received: 03/22/18 09:14

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.7		1.0	0.89	mg/L			04/03/18 06:41	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 06:41	1
Sulfate	<0.70		1.0	0.70	mg/L			04/03/18 06:41	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 20:28	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 20:28	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 20:28	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 20:28	5
Barium	0.0091		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 20:28	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 20:28	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:28	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 20:28	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 20:28	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 20:28	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 20:28	5
Calcium	6.6		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 20:28	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 20:28	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 20:28	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 20:28	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 20:28	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 20:28	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 16:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	42		5.0	3.4	mg/L			03/24/18 17:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-9

Date Collected: 03/21/18 14:00

Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-12

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.6		1.0	0.89	mg/L			04/05/18 07:14	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 07:14	1
Sulfate	12		1.0	0.70	mg/L			04/05/18 07:14	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 00:26	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 00:26	5
Barium	0.021		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 00:26	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:26	5
Boron	0.089		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 00:26	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:26	5
Calcium	19		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 00:26	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 00:26	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 00:26	5
Selenium	0.00040	J	0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 00:26	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 00:26	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	0.0038		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 16:02	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 16:02	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 16:02	5
Vanadium	0.018		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 16:02	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 16:02	5
Chromium	0.0046		0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 16:02	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/08/18 14:23	04/10/18 09:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	160		5.0	3.4	mg/L			03/25/18 06:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: EB-2 (LF)

Date Collected: 03/21/18 14:35

Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-13

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/05/18 10:40	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 10:40	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 10:40	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 00:31	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 00:31	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 00:31	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 00:31	5
Barium	0.0069		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 00:31	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 00:31	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:31	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 00:31	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 00:31	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 00:31	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:31	5
Calcium	<0.13		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 00:31	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 00:31	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 00:31	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 00:31	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 00:31	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 00:31	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/08/18 14:23	04/10/18 09:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/25/18 06:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-10
Date Collected: 03/21/18 13:05
Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-14
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.3		1.0	0.89	mg/L			04/04/18 21:20	1
Fluoride	<0.082		0.20	0.082	mg/L			04/04/18 21:20	1
Sulfate	1.1		1.0	0.70	mg/L			04/04/18 21:20	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 00:35	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 00:35	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 00:35	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 00:35	5
Barium	0.028		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 00:35	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 00:35	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:35	5
Vanadium	0.012		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 00:35	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 00:35	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 00:35	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:35	5
Calcium	17		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 00:35	5
Chromium	0.017		0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 00:35	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 00:35	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 00:35	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 00:35	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 00:35	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/08/18 14:23	04/10/18 09:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	120		5.0	3.4	mg/L			03/25/18 06:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: FD-2 (LF)

Date Collected: 03/21/18 00:00

Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-15

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.89	mg/L			04/04/18 21:43	1
Fluoride	<0.082		0.20	0.082	mg/L			04/04/18 21:43	1
Sulfate	<0.70		1.0	0.70	mg/L			04/04/18 21:43	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 00:40	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 00:40	5
Barium	0.016		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 00:40	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:40	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 00:40	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:40	5
Calcium	1.3		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 00:40	5
Cobalt	0.00058	J	0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 00:40	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 00:40	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 00:40	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 00:40	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 16:07	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 16:07	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 16:07	5
Vanadium	0.0051		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 16:07	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 16:07	5
Chromium	0.0013	J	0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 16:07	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 16:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	4.0	J	5.0	3.4	mg/L			03/24/18 17:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-11
Date Collected: 03/21/18 10:55
Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-16
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.89	mg/L			04/04/18 22:52	1
Fluoride	<0.082		0.20	0.082	mg/L			04/04/18 22:52	1
Sulfate	<0.70		1.0	0.70	mg/L			04/04/18 22:52	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 00:44	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 00:44	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 00:44	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 00:44	5
Barium	0.016		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 00:44	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 00:44	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:44	5
Vanadium	0.0098		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 00:44	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 00:44	5
Zinc	0.0070 J		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 00:44	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:44	5
Calcium	13		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 00:44	5
Chromium	0.0081		0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 00:44	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 00:44	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 00:44	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 00:44	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 00:44	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/08/18 14:23	04/10/18 09:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	100		5.0	3.4	mg/L			03/25/18 06:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-12
Date Collected: 03/21/18 09:40
Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-17
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.89	mg/L			04/04/18 23:14	1
Fluoride	<0.082		0.20	0.082	mg/L			04/04/18 23:14	1
Sulfate	<0.70		1.0	0.70	mg/L			04/04/18 23:14	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 00:49	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 00:49	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 00:49	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 00:49	5
Barium	0.017		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 00:49	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 00:49	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:49	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 00:49	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 00:49	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 00:49	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:49	5
Calcium	1.3		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 00:49	5
Chromium	0.0014 J		0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 00:49	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 00:49	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 00:49	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 00:49	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 00:49	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/08/18 14:23	04/10/18 09:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	28		5.0	3.4	mg/L			03/25/18 06:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-3

Date Collected: 03/21/18 12:30

Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-18

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.4		1.0	0.89	mg/L			04/04/18 23:37	1
Fluoride	<0.082		0.20	0.082	mg/L			04/04/18 23:37	1
Sulfate	<0.70		1.0	0.70	mg/L			04/04/18 23:37	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 16:11	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 16:11	5
Arsenic	0.00089	J	0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 16:11	5
Nickel	0.0022	J	0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 16:11	5
Barium	0.018		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 16:11	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 16:11	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 16:11	5
Vanadium	0.0097		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 16:11	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 16:11	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 16:11	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 16:11	5
Calcium	9.3		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 16:11	5
Chromium	0.0093		0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 16:11	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 16:11	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 16:11	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 16:11	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 16:11	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/08/18 14:23	04/10/18 10:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	98		5.0	3.4	mg/L			03/25/18 06:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: FB-2 (LF)

Date Collected: 03/21/18 12:10

Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-19

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/05/18 00:00	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 00:00	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 00:00	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 01:20	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 01:20	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 01:20	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 01:20	5
Barium	<0.00049		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 01:20	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 01:20	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 01:20	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 01:20	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 01:20	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 01:20	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 01:20	5
Calcium	<0.13		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 01:20	5
Chromium	0.0030		0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 01:20	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 01:20	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 01:20	5
Selenium	0.00026 J		0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 01:20	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 01:20	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/08/18 14:23	04/10/18 10:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/25/18 06:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-20
Date Collected: 03/21/18 10:30
Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-20
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.8		1.0	0.89	mg/L			04/05/18 00:23	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 00:23	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 00:23	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 16:16	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 16:16	5
Arsenic	0.00078	J	0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 16:16	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 16:16	5
Barium	0.030		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 16:16	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 16:16	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 16:16	5
Vanadium	0.021		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 16:16	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 16:16	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 16:16	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 16:16	5
Calcium	14		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 16:16	5
Chromium	0.0085		0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 16:16	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 16:16	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 16:16	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 16:16	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 16:16	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/08/18 14:23	04/10/18 10:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	100		5.0	3.4	mg/L			03/25/18 06:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-6
Date Collected: 03/21/18 14:45
Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-21
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.4		1.0	0.89	mg/L			04/05/18 00:46	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 00:46	1
Sulfate	9.5		1.0	0.70	mg/L			04/05/18 00:46	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 01:29	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 01:29	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 01:29	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 01:29	5
Barium	0.056		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 01:29	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 01:29	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 01:29	5
Vanadium	0.0077		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 01:29	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 01:29	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 01:29	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 01:29	5
Calcium	19		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 01:29	5
Chromium	0.012		0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 01:29	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 01:29	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 01:29	5
Selenium	0.00038	J	0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 01:29	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 01:29	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00011	J	0.00020	0.000070	mg/L		04/03/18 14:31	04/05/18 14:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	170		5.0	3.4	mg/L			03/25/18 06:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-4

Date Collected: 03/21/18 13:35

Date Received: 03/23/18 09:03

Lab Sample ID: 400-151170-22

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13		1.0	0.89	mg/L			04/04/18 20:35	1
Fluoride	0.094	J	0.20	0.082	mg/L			04/04/18 20:35	1
Sulfate	4.9		1.0	0.70	mg/L			04/04/18 20:35	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 01:34	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 01:34	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 01:34	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 01:34	5
Barium	0.045		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 01:34	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 01:34	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 01:34	5
Vanadium	0.0058		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 01:34	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 01:34	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 01:34	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 01:34	5
Calcium	15		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 01:34	5
Chromium	0.0062		0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 01:34	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 01:34	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 01:34	5
Selenium	0.00029	J	0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 01:34	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 01:34	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00012	J	0.00020	0.000070	mg/L		04/03/18 14:31	04/05/18 14:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	160		5.0	3.4	mg/L			03/25/18 06:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-13
Date Collected: 03/22/18 11:00
Date Received: 03/24/18 08:17

Lab Sample ID: 400-151170-23
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4		1.0	0.89	mg/L			04/05/18 01:09	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 01:09	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 01:09	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 01:38	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 01:38	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 01:38	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 01:38	5
Barium	0.034		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 01:38	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 01:38	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 01:38	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 01:38	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 01:38	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 01:38	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 01:38	5
Calcium	6.8		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 01:38	5
Chromium	0.028		0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 01:38	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 01:38	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 01:38	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 01:38	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 01:38	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00012	J	0.00020	0.000070	mg/L		04/03/18 14:31	04/05/18 14:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	76		5.0	3.4	mg/L			03/27/18 13:11	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-7
Date Collected: 03/22/18 09:45
Date Received: 03/24/18 08:17

Lab Sample ID: 400-151170-24
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.89	mg/L			04/05/18 08:23	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 08:23	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 08:23	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/01/18 12:07	04/06/18 16:08	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/01/18 12:07	04/06/18 16:08	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		04/01/18 12:07	04/06/18 16:08	5
Nickel	<0.0018		0.0025	0.0018	mg/L		04/01/18 12:07	04/06/18 16:08	5
Barium	0.035		0.0025	0.00049	mg/L		04/01/18 12:07	04/06/18 16:08	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/01/18 12:07	04/06/18 16:08	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		04/01/18 12:07	04/06/18 16:08	5
Vanadium	0.012		0.0025	0.0014	mg/L		04/01/18 12:07	04/06/18 16:08	5
Boron	<0.021		0.050	0.021	mg/L		04/01/18 12:07	04/06/18 16:08	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/01/18 12:07	04/06/18 16:08	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/01/18 12:07	04/06/18 16:08	5
Calcium	15		0.25	0.13	mg/L		04/01/18 12:07	04/06/18 16:08	5
Chromium	0.0086	F1	0.0025	0.0011	mg/L		04/01/18 12:07	04/06/18 16:08	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/01/18 12:07	04/06/18 16:08	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/01/18 12:07	04/06/18 16:08	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/01/18 12:07	04/06/18 16:08	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/01/18 12:07	04/06/18 16:08	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000099	J	0.00020	0.000070	mg/L		04/03/18 14:31	04/05/18 14:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	130		5.0	3.4	mg/L			03/27/18 13:11	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-5
Date Collected: 03/22/18 11:00
Date Received: 03/24/18 08:17

Lab Sample ID: 400-151170-25
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 08:46	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74		10	8.9	mg/L			04/05/18 21:42	10
Sulfate	400		10	7.0	mg/L			04/05/18 21:42	10

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/01/18 12:07	04/06/18 16:31	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/01/18 12:07	04/06/18 16:31	5
Arsenic	0.00046	J	0.0013	0.00046	mg/L		04/01/18 12:07	04/06/18 16:31	5
Nickel	0.0019	J	0.0025	0.0018	mg/L		04/01/18 12:07	04/06/18 16:31	5
Barium	0.048		0.0025	0.00049	mg/L		04/01/18 12:07	04/06/18 16:31	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/01/18 12:07	04/06/18 16:31	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		04/01/18 12:07	04/06/18 16:31	5
Vanadium	0.0018	J	0.0025	0.0014	mg/L		04/01/18 12:07	04/06/18 16:31	5
Boron	0.48		0.050	0.021	mg/L		04/01/18 12:07	04/06/18 16:31	5
Zinc	0.0086	J	0.020	0.0065	mg/L		04/01/18 12:07	04/06/18 16:31	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/01/18 12:07	04/06/18 16:31	5
Chromium	0.0086		0.0025	0.0011	mg/L		04/01/18 12:07	04/06/18 16:31	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/01/18 12:07	04/06/18 16:31	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/01/18 12:07	04/06/18 16:31	5
Selenium	0.038		0.0013	0.00024	mg/L		04/01/18 12:07	04/06/18 16:31	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/01/18 12:07	04/06/18 16:31	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	130		0.50	0.25	mg/L		04/01/18 12:07	04/07/18 16:21	10

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000095	J	0.00020	0.000070	mg/L		04/03/18 14:31	04/05/18 14:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1000		5.0	3.4	mg/L			03/27/18 13:11	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-8A

Lab Sample ID: 400-151170-26

Date Collected: 03/22/18 09:55

Matrix: Water

Date Received: 03/24/18 08:17

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.0		1.0	0.89	mg/L			04/05/18 09:08	1
Fluoride	0.091	J	0.20	0.082	mg/L			04/05/18 09:08	1
Sulfate	39		1.0	0.70	mg/L			04/05/18 09:08	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/01/18 12:07	04/06/18 16:35	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/01/18 12:07	04/06/18 16:35	5
Arsenic	0.00075	J	0.0013	0.00046	mg/L		04/01/18 12:07	04/06/18 16:35	5
Nickel	<0.0018		0.0025	0.0018	mg/L		04/01/18 12:07	04/06/18 16:35	5
Barium	0.019		0.0025	0.00049	mg/L		04/01/18 12:07	04/06/18 16:35	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/01/18 12:07	04/06/18 16:35	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		04/01/18 12:07	04/06/18 16:35	5
Vanadium	0.0043		0.0025	0.0014	mg/L		04/01/18 12:07	04/06/18 16:35	5
Boron	0.25		0.050	0.021	mg/L		04/01/18 12:07	04/06/18 16:35	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/01/18 12:07	04/06/18 16:35	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/01/18 12:07	04/06/18 16:35	5
Calcium	30		0.25	0.13	mg/L		04/01/18 12:07	04/06/18 16:35	5
Chromium	0.0079		0.0025	0.0011	mg/L		04/01/18 12:07	04/06/18 16:35	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/01/18 12:07	04/06/18 16:35	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/01/18 12:07	04/06/18 16:35	5
Selenium	0.00032	J	0.0013	0.00024	mg/L		04/01/18 12:07	04/06/18 16:35	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/01/18 12:07	04/06/18 16:35	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000097	J	0.00020	0.000070	mg/L		04/03/18 14:31	04/05/18 14:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	220		5.0	3.4	mg/L			03/27/18 13:11	1

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-2
Date Collected: 03/20/18 13:50
Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392449	04/03/18 05:32	JAW	TAL PEN
Total Recoverable	Prep	3005A			391209	03/23/18 12:02	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391487	03/23/18 19:03	DRE	TAL PEN
Total/NA	Prep	7470A			392228	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392577	04/03/18 15:29	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391316	03/24/18 17:50	TET	TAL PEN

Client Sample ID: EB-1 (LF)
Date Collected: 03/20/18 15:40
Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392449	04/03/18 05:55	JAW	TAL PEN
Total Recoverable	Prep	3005A			391209	03/23/18 12:02	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391487	03/23/18 19:25	DRE	TAL PEN
Total/NA	Prep	7470A			392228	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392577	04/03/18 15:32	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391316	03/24/18 17:50	TET	TAL PEN

Client Sample ID: GWC-1
Date Collected: 03/20/18 12:40
Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392449	04/03/18 02:52	JAW	TAL PEN
Total Recoverable	Prep	3005A			391209	03/23/18 12:02	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391487	03/23/18 19:30	DRE	TAL PEN
Total/NA	Prep	7470A			392228	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392577	04/03/18 15:55	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391316	03/24/18 17:50	TET	TAL PEN

Client Sample ID: FD-1 (LF)
Date Collected: 03/20/18 00:00
Date Received: 03/22/18 09:14

Lab Sample ID: 400-151170-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392449	04/03/18 06:18	JAW	TAL PEN
Total Recoverable	Prep	3005A			391209	03/23/18 12:02	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391487	03/23/18 19:34	DRE	TAL PEN
Total/NA	Prep	7470A			392233	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 12:02	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391315	03/24/18 17:19	TET	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWA-15

Lab Sample ID: 400-151170-5

Date Collected: 03/20/18 10:20

Matrix: Water

Date Received: 03/22/18 09:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392449	04/03/18 07:26	JAW	TAL PEN
Total Recoverable	Prep	3005A			391209	03/23/18 12:02	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391487	03/23/18 20:02	DRE	TAL PEN
Total/NA	Prep	7470A			392228	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392577	04/03/18 16:00	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391316	03/24/18 17:50	TET	TAL PEN

Client Sample ID: FB-1 (LF)

Lab Sample ID: 400-151170-6

Date Collected: 03/20/18 10:20

Matrix: Water

Date Received: 03/22/18 09:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392449	04/03/18 07:49	JAW	TAL PEN
Total Recoverable	Prep	3005A			391209	03/23/18 12:02	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391487	03/23/18 20:06	DRE	TAL PEN
Total/NA	Prep	7470A			392228	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392577	04/03/18 16:06	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391316	03/24/18 17:50	TET	TAL PEN

Client Sample ID: GWA-16

Lab Sample ID: 400-151170-7

Date Collected: 03/20/18 10:25

Matrix: Water

Date Received: 03/22/18 09:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392449	04/03/18 08:12	JAW	TAL PEN
Total Recoverable	Prep	3005A			391209	03/23/18 12:02	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391487	03/23/18 20:11	DRE	TAL PEN
Total/NA	Prep	7470A			392228	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392577	04/03/18 16:09	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391316	03/24/18 17:50	TET	TAL PEN

Client Sample ID: GWA-17

Lab Sample ID: 400-151170-8

Date Collected: 03/20/18 12:35

Matrix: Water

Date Received: 03/22/18 09:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392449	04/03/18 09:24	JAW	TAL PEN
Total Recoverable	Prep	3005A			391209	03/23/18 12:02	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391487	03/23/18 20:15	DRE	TAL PEN
Total/NA	Prep	7470A			392228	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392577	04/03/18 16:12	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391316	03/24/18 17:50	TET	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-18

Lab Sample ID: 400-151170-9

Date Collected: 03/20/18 13:50

Matrix: Water

Date Received: 03/22/18 09:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392449	04/03/18 09:49	JAW	TAL PEN
Total Recoverable	Prep	3005A			391209	03/23/18 12:02	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391487	03/23/18 20:19	DRE	TAL PEN
Total/NA	Prep	7470A			392228	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392577	04/03/18 16:16	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391316	03/24/18 17:50	TET	TAL PEN

Client Sample ID: GWC-19

Lab Sample ID: 400-151170-10

Date Collected: 03/20/18 15:10

Matrix: Water

Date Received: 03/22/18 09:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392449	04/03/18 10:15	JAW	TAL PEN
Total Recoverable	Prep	3005A			391209	03/23/18 12:02	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391487	03/23/18 20:24	DRE	TAL PEN
Total/NA	Prep	7470A			392228	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392577	04/03/18 16:21	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391316	03/24/18 17:50	TET	TAL PEN

Client Sample ID: GWC-14

Lab Sample ID: 400-151170-11

Date Collected: 03/20/18 14:55

Matrix: Water

Date Received: 03/22/18 09:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392449	04/03/18 06:41	JAW	TAL PEN
Total Recoverable	Prep	3005A			391209	03/23/18 12:02	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391487	03/23/18 20:28	DRE	TAL PEN
Total/NA	Prep	7470A			392228	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392577	04/03/18 16:23	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391316	03/24/18 17:50	TET	TAL PEN

Client Sample ID: GWC-9

Lab Sample ID: 400-151170-12

Date Collected: 03/21/18 14:00

Matrix: Water

Date Received: 03/23/18 09:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 07:14	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 00:26	DRE	TAL PEN
Total Recoverable	Prep	3005A	RA		392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020	RA	5	393210	04/07/18 16:02	DRE	TAL PEN
Total/NA	Prep	7470A			392667	04/08/18 14:23	DN1	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-9

Lab Sample ID: 400-151170-12

Date Collected: 03/21/18 14:00

Matrix: Water

Date Received: 03/23/18 09:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7470A		1	393411	04/10/18 09:30	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391317	03/25/18 06:55	TET	TAL PEN

Client Sample ID: EB-2 (LF)

Lab Sample ID: 400-151170-13

Date Collected: 03/21/18 14:35

Matrix: Water

Date Received: 03/23/18 09:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 10:40	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 00:31	DRE	TAL PEN
Total/NA	Prep	7470A			392667	04/08/18 14:23	DN1	TAL PEN
Total/NA	Analysis	7470A		1	393411	04/10/18 09:32	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391317	03/25/18 06:55	TET	TAL PEN

Client Sample ID: GWC-10

Lab Sample ID: 400-151170-14

Date Collected: 03/21/18 13:05

Matrix: Water

Date Received: 03/23/18 09:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392675	04/04/18 21:20	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 00:35	DRE	TAL PEN
Total/NA	Prep	7470A			392667	04/08/18 14:23	DN1	TAL PEN
Total/NA	Analysis	7470A		1	393411	04/10/18 09:34	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391317	03/25/18 06:55	TET	TAL PEN

Client Sample ID: FD-2 (LF)

Lab Sample ID: 400-151170-15

Date Collected: 03/21/18 00:00

Matrix: Water

Date Received: 03/23/18 09:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392675	04/04/18 21:43	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 00:40	DRE	TAL PEN
Total Recoverable	Prep	3005A	RA		392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020	RA	5	393210	04/07/18 16:07	DRE	TAL PEN
Total/NA	Prep	7470A			392228	03/31/18 15:08	DN1	TAL PEN
Total/NA	Analysis	7470A		1	392577	04/03/18 16:29	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391316	03/24/18 17:50	TET	TAL PEN

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-11

Lab Sample ID: 400-151170-16

Date Collected: 03/21/18 10:55

Matrix: Water

Date Received: 03/23/18 09:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392675	04/04/18 22:52	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 00:44	DRE	TAL PEN
Total/NA	Prep	7470A			392667	04/08/18 14:23	DN1	TAL PEN
Total/NA	Analysis	7470A		1	393411	04/10/18 09:37	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391317	03/25/18 06:55	TET	TAL PEN

Client Sample ID: GWC-12

Lab Sample ID: 400-151170-17

Date Collected: 03/21/18 09:40

Matrix: Water

Date Received: 03/23/18 09:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392675	04/04/18 23:14	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 00:49	DRE	TAL PEN
Total/NA	Prep	7470A			392667	04/08/18 14:23	DN1	TAL PEN
Total/NA	Analysis	7470A		1	393411	04/10/18 09:39	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391317	03/25/18 06:55	TET	TAL PEN

Client Sample ID: GWC-3

Lab Sample ID: 400-151170-18

Date Collected: 03/21/18 12:30

Matrix: Water

Date Received: 03/23/18 09:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392675	04/04/18 23:37	JAW	TAL PEN
Total Recoverable	Prep	3005A	RA		392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020	RA	5	393210	04/07/18 16:11	DRE	TAL PEN
Total/NA	Prep	7470A			392667	04/08/18 14:23	DN1	TAL PEN
Total/NA	Analysis	7470A		1	393411	04/10/18 10:34	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391317	03/25/18 06:55	TET	TAL PEN

Client Sample ID: FB-2 (LF)

Lab Sample ID: 400-151170-19

Date Collected: 03/21/18 12:10

Matrix: Water

Date Received: 03/23/18 09:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392675	04/05/18 00:00	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 01:20	DRE	TAL PEN
Total/NA	Prep	7470A			392667	04/08/18 14:23	DN1	TAL PEN
Total/NA	Analysis	7470A		1	393411	04/10/18 10:36	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391317	03/25/18 06:55	TET	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-20

Lab Sample ID: 400-151170-20

Date Collected: 03/21/18 10:30

Matrix: Water

Date Received: 03/23/18 09:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392675	04/05/18 00:23	JAW	TAL PEN
Total Recoverable	Prep	3005A	RA		392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020	RA	5	393210	04/07/18 16:16	DRE	TAL PEN
Total/NA	Prep	7470A			392667	04/08/18 14:23	DN1	TAL PEN
Total/NA	Analysis	7470A		1	393411	04/10/18 10:37	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391317	03/25/18 06:55	TET	TAL PEN

Client Sample ID: GWC-6

Lab Sample ID: 400-151170-21

Date Collected: 03/21/18 14:45

Matrix: Water

Date Received: 03/23/18 09:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392675	04/05/18 00:46	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 01:29	DRE	TAL PEN
Total/NA	Prep	7470A			392489	04/03/18 14:31	JAP	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 14:35	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391317	03/25/18 06:55	TET	TAL PEN

Client Sample ID: GWC-4

Lab Sample ID: 400-151170-22

Date Collected: 03/21/18 13:35

Matrix: Water

Date Received: 03/23/18 09:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392675	04/04/18 20:35	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 01:34	DRE	TAL PEN
Total/NA	Prep	7470A			392489	04/03/18 14:31	JAP	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 14:37	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391317	03/25/18 06:55	TET	TAL PEN

Client Sample ID: GWC-13

Lab Sample ID: 400-151170-23

Date Collected: 03/22/18 11:00

Matrix: Water

Date Received: 03/24/18 08:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392675	04/05/18 01:09	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 01:38	DRE	TAL PEN
Total/NA	Prep	7470A			392489	04/03/18 14:31	JAP	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 14:51	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391575	03/27/18 13:11	RRC	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Client Sample ID: GWC-7

Lab Sample ID: 400-151170-24

Date Collected: 03/22/18 09:45

Matrix: Water

Date Received: 03/24/18 08:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 08:23	JAW	TAL PEN
Total Recoverable	Prep	3005A			392265	04/01/18 12:07	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/06/18 16:08	DRE	TAL PEN
Total/NA	Prep	7470A			392489	04/03/18 14:31	JAP	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 14:52	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391575	03/27/18 13:11	RRC	TAL PEN

Client Sample ID: GWC-5

Lab Sample ID: 400-151170-25

Date Collected: 03/22/18 11:00

Matrix: Water

Date Received: 03/24/18 08:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 08:46	JAW	TAL PEN
Total/NA	Analysis	300.0	DL	10	392922	04/05/18 21:42	JAW	TAL PEN
Total Recoverable	Prep	3005A			392265	04/01/18 12:07	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/06/18 16:31	DRE	TAL PEN
Total Recoverable	Prep	3005A	DL		392265	04/01/18 12:07	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	10	393210	04/07/18 16:21	DRE	TAL PEN
Total/NA	Prep	7470A			392489	04/03/18 14:31	JAP	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 14:54	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391575	03/27/18 13:11	RRC	TAL PEN

Client Sample ID: GWC-8A

Lab Sample ID: 400-151170-26

Date Collected: 03/22/18 09:55

Matrix: Water

Date Received: 03/24/18 08:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 09:08	JAW	TAL PEN
Total Recoverable	Prep	3005A			392265	04/01/18 12:07	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/06/18 16:35	DRE	TAL PEN
Total/NA	Prep	7470A			392489	04/03/18 14:31	JAP	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 14:56	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391575	03/27/18 13:11	RRC	TAL PEN

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

HPLC/IC

Analysis Batch: 392449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-1	GWC-2	Total/NA	Water	300.0	
400-151170-2	EB-1 (LF)	Total/NA	Water	300.0	
400-151170-3	GWC-1	Total/NA	Water	300.0	
400-151170-4	FD-1 (LF)	Total/NA	Water	300.0	
400-151170-5	GWA-15	Total/NA	Water	300.0	
400-151170-6	FB-1 (LF)	Total/NA	Water	300.0	
400-151170-7	GWA-16	Total/NA	Water	300.0	
400-151170-8	GWA-17	Total/NA	Water	300.0	
400-151170-9	GWC-18	Total/NA	Water	300.0	
400-151170-10	GWC-19	Total/NA	Water	300.0	
400-151170-11	GWC-14	Total/NA	Water	300.0	
MB 400-392449/12	Method Blank	Total/NA	Water	300.0	
LCS 400-392449/13	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-392449/14	Lab Control Sample Dup	Total/NA	Water	300.0	
400-151170-3 MS	GWC-1	Total/NA	Water	300.0	
400-151170-3 MSD	GWC-1	Total/NA	Water	300.0	

Analysis Batch: 392675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-14	GWC-10	Total/NA	Water	300.0	
400-151170-15	FD-2 (LF)	Total/NA	Water	300.0	
400-151170-16	GWC-11	Total/NA	Water	300.0	
400-151170-17	GWC-12	Total/NA	Water	300.0	
400-151170-18	GWC-3	Total/NA	Water	300.0	
400-151170-19	FB-2 (LF)	Total/NA	Water	300.0	
400-151170-20	GWC-20	Total/NA	Water	300.0	
400-151170-21	GWC-6	Total/NA	Water	300.0	
400-151170-22	GWC-4	Total/NA	Water	300.0	
400-151170-23	GWC-13	Total/NA	Water	300.0	
MB 400-392675/6	Method Blank	Total/NA	Water	300.0	
LCS 400-392675/7	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-392675/12	Lab Control Sample Dup	Total/NA	Water	300.0	
400-151732-B-9 MS	Matrix Spike	Total/NA	Water	300.0	
400-151732-B-9 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 392771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-12	GWC-9	Total/NA	Water	300.0	
400-151170-13	EB-2 (LF)	Total/NA	Water	300.0	
400-151170-24	GWC-7	Total/NA	Water	300.0	
400-151170-25	GWC-5	Total/NA	Water	300.0	
400-151170-26	GWC-8A	Total/NA	Water	300.0	
MB 400-392771/4	Method Blank	Total/NA	Water	300.0	
LCS 400-392771/5	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-392771/6	Lab Control Sample Dup	Total/NA	Water	300.0	
400-151170-12 MS	GWC-9	Total/NA	Water	300.0	
400-151170-12 MSD	GWC-9	Total/NA	Water	300.0	

Analysis Batch: 392922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-25 - DL	GWC-5	Total/NA	Water	300.0	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

HPLC/IC (Continued)

Analysis Batch: 392922 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-392922/36	Method Blank	Total/NA	Water	300.0	
LCS 400-392922/37	Lab Control Sample	Total/NA	Water	300.0	
LCS 400-392922/38	Lab Control Sample Dup	Total/NA	Water	300.0	
400-151220-A-8 MS	Matrix Spike	Total/NA	Water	300.0	
400-151220-A-8 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 391209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-1	GWC-2	Total Recoverable	Water	3005A	
400-151170-2	EB-1 (LF)	Total Recoverable	Water	3005A	
400-151170-3	GWC-1	Total Recoverable	Water	3005A	
400-151170-4	FD-1 (LF)	Total Recoverable	Water	3005A	
400-151170-5	GWA-15	Total Recoverable	Water	3005A	
400-151170-6	FB-1 (LF)	Total Recoverable	Water	3005A	
400-151170-7	GWA-16	Total Recoverable	Water	3005A	
400-151170-8	GWA-17	Total Recoverable	Water	3005A	
400-151170-9	GWC-18	Total Recoverable	Water	3005A	
400-151170-10	GWC-19	Total Recoverable	Water	3005A	
400-151170-11	GWC-14	Total Recoverable	Water	3005A	
MB 400-391209/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-391209/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-151170-1 MS	GWC-2	Total Recoverable	Water	3005A	
400-151170-1 MSD	GWC-2	Total Recoverable	Water	3005A	

Analysis Batch: 391487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-1	GWC-2	Total Recoverable	Water	6020	391209
400-151170-2	EB-1 (LF)	Total Recoverable	Water	6020	391209
400-151170-3	GWC-1	Total Recoverable	Water	6020	391209
400-151170-4	FD-1 (LF)	Total Recoverable	Water	6020	391209
400-151170-5	GWA-15	Total Recoverable	Water	6020	391209
400-151170-6	FB-1 (LF)	Total Recoverable	Water	6020	391209
400-151170-7	GWA-16	Total Recoverable	Water	6020	391209
400-151170-8	GWA-17	Total Recoverable	Water	6020	391209
400-151170-9	GWC-18	Total Recoverable	Water	6020	391209
400-151170-10	GWC-19	Total Recoverable	Water	6020	391209
400-151170-11	GWC-14	Total Recoverable	Water	6020	391209
MB 400-391209/1-A ^5	Method Blank	Total Recoverable	Water	6020	391209
LCS 400-391209/2-A	Lab Control Sample	Total Recoverable	Water	6020	391209
400-151170-1 MS	GWC-2	Total Recoverable	Water	6020	391209
400-151170-1 MSD	GWC-2	Total Recoverable	Water	6020	391209

Prep Batch: 392217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-12 - RA	GWC-9	Total Recoverable	Water	3005A	
400-151170-12	GWC-9	Total Recoverable	Water	3005A	
400-151170-13	EB-2 (LF)	Total Recoverable	Water	3005A	
400-151170-14	GWC-10	Total Recoverable	Water	3005A	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Metals (Continued)

Prep Batch: 392217 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-15 - RA	FD-2 (LF)	Total Recoverable	Water	3005A	
400-151170-15	FD-2 (LF)	Total Recoverable	Water	3005A	
400-151170-16	GWC-11	Total Recoverable	Water	3005A	
400-151170-17	GWC-12	Total Recoverable	Water	3005A	
400-151170-18 - RA	GWC-3	Total Recoverable	Water	3005A	
400-151170-19	FB-2 (LF)	Total Recoverable	Water	3005A	
400-151170-20 - RA	GWC-20	Total Recoverable	Water	3005A	
400-151170-21	GWC-6	Total Recoverable	Water	3005A	
400-151170-22	GWC-4	Total Recoverable	Water	3005A	
400-151170-23	GWC-13	Total Recoverable	Water	3005A	
MB 400-392217/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-392217/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-150979-B-1-B MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-150979-B-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 392228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-1	GWC-2	Total/NA	Water	7470A	
400-151170-2	EB-1 (LF)	Total/NA	Water	7470A	
400-151170-3	GWC-1	Total/NA	Water	7470A	
400-151170-5	GWA-15	Total/NA	Water	7470A	
400-151170-6	FB-1 (LF)	Total/NA	Water	7470A	
400-151170-7	GWA-16	Total/NA	Water	7470A	
400-151170-8	GWA-17	Total/NA	Water	7470A	
400-151170-9	GWC-18	Total/NA	Water	7470A	
400-151170-10	GWC-19	Total/NA	Water	7470A	
400-151170-11	GWC-14	Total/NA	Water	7470A	
400-151170-15	FD-2 (LF)	Total/NA	Water	7470A	
MB 400-392228/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-392228/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-151258-B-3-C MS	Matrix Spike	Total/NA	Water	7470A	
400-151258-B-3-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 392233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-4	FD-1 (LF)	Total/NA	Water	7470A	

Prep Batch: 392265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-24	GWC-7	Total Recoverable	Water	3005A	
400-151170-25	GWC-5	Total Recoverable	Water	3005A	
400-151170-25 - DL	GWC-5	Total Recoverable	Water	3005A	
400-151170-26	GWC-8A	Total Recoverable	Water	3005A	
MB 400-392265/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-392265/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-151170-24 MS	GWC-7	Total Recoverable	Water	3005A	
400-151170-24 MSD	GWC-7	Total Recoverable	Water	3005A	

Prep Batch: 392489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-21	GWC-6	Total/NA	Water	7470A	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Metals (Continued)

Prep Batch: 392489 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-22	GWC-4	Total/NA	Water	7470A	
400-151170-23	GWC-13	Total/NA	Water	7470A	
400-151170-24	GWC-7	Total/NA	Water	7470A	
400-151170-25	GWC-5	Total/NA	Water	7470A	
400-151170-26	GWC-8A	Total/NA	Water	7470A	
MB 400-392489/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-392489/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-151352-R-1-C MS	Matrix Spike	Total/NA	Water	7470A	
400-151352-R-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 392577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-1	GWC-2	Total/NA	Water	7470A	392228
400-151170-2	EB-1 (LF)	Total/NA	Water	7470A	392228
400-151170-3	GWC-1	Total/NA	Water	7470A	392228
400-151170-5	GWA-15	Total/NA	Water	7470A	392228
400-151170-6	FB-1 (LF)	Total/NA	Water	7470A	392228
400-151170-7	GWA-16	Total/NA	Water	7470A	392228
400-151170-8	GWA-17	Total/NA	Water	7470A	392228
400-151170-9	GWC-18	Total/NA	Water	7470A	392228
400-151170-10	GWC-19	Total/NA	Water	7470A	392228
400-151170-11	GWC-14	Total/NA	Water	7470A	392228
400-151170-15	FD-2 (LF)	Total/NA	Water	7470A	392228
MB 400-392228/14-A	Method Blank	Total/NA	Water	7470A	392228
LCS 400-392228/15-A	Lab Control Sample	Total/NA	Water	7470A	392228
400-151258-B-3-C MS	Matrix Spike	Total/NA	Water	7470A	392228
400-151258-B-3-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	392228

Prep Batch: 392667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-12	GWC-9	Total/NA	Water	7470A	
400-151170-13	EB-2 (LF)	Total/NA	Water	7470A	
400-151170-14	GWC-10	Total/NA	Water	7470A	
400-151170-16	GWC-11	Total/NA	Water	7470A	
400-151170-17	GWC-12	Total/NA	Water	7470A	
400-151170-18	GWC-3	Total/NA	Water	7470A	
400-151170-19	FB-2 (LF)	Total/NA	Water	7470A	
400-151170-20	GWC-20	Total/NA	Water	7470A	
MB 400-392667/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-392667/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-151170-17 MS	GWC-12	Total/NA	Water	7470A	
400-151170-17 MSD	GWC-12	Total/NA	Water	7470A	

Analysis Batch: 392873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-4	FD-1 (LF)	Total/NA	Water	7470A	392233
400-151170-21	GWC-6	Total/NA	Water	7470A	392489
400-151170-22	GWC-4	Total/NA	Water	7470A	392489
400-151170-23	GWC-13	Total/NA	Water	7470A	392489
400-151170-24	GWC-7	Total/NA	Water	7470A	392489
400-151170-25	GWC-5	Total/NA	Water	7470A	392489

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Metals (Continued)

Analysis Batch: 392873 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-26	GWC-8A	Total/NA	Water	7470A	392489
MB 400-392489/14-A	Method Blank	Total/NA	Water	7470A	392489
LCS 400-392489/15-A	Lab Control Sample	Total/NA	Water	7470A	392489
400-151352-R-1-C MS	Matrix Spike	Total/NA	Water	7470A	392489
400-151352-R-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	392489

Analysis Batch: 393106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-12	GWC-9	Total Recoverable	Water	6020	392217
400-151170-13	EB-2 (LF)	Total Recoverable	Water	6020	392217
400-151170-14	GWC-10	Total Recoverable	Water	6020	392217
400-151170-15	FD-2 (LF)	Total Recoverable	Water	6020	392217
400-151170-16	GWC-11	Total Recoverable	Water	6020	392217
400-151170-17	GWC-12	Total Recoverable	Water	6020	392217
400-151170-19	FB-2 (LF)	Total Recoverable	Water	6020	392217
400-151170-21	GWC-6	Total Recoverable	Water	6020	392217
400-151170-22	GWC-4	Total Recoverable	Water	6020	392217
400-151170-23	GWC-13	Total Recoverable	Water	6020	392217
400-151170-24	GWC-7	Total Recoverable	Water	6020	392265
400-151170-25	GWC-5	Total Recoverable	Water	6020	392265
400-151170-26	GWC-8A	Total Recoverable	Water	6020	392265
MB 400-392217/1-A ^5	Method Blank	Total Recoverable	Water	6020	392217
MB 400-392265/1-A ^5	Method Blank	Total Recoverable	Water	6020	392265
LCS 400-392217/2-A	Lab Control Sample	Total Recoverable	Water	6020	392217
LCS 400-392265/2-A	Lab Control Sample	Total Recoverable	Water	6020	392265
400-150979-B-1-B MS ^5	Matrix Spike	Total Recoverable	Water	6020	392217
400-150979-B-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	392217
400-151170-24 MS	GWC-7	Total Recoverable	Water	6020	392265
400-151170-24 MSD	GWC-7	Total Recoverable	Water	6020	392265

Analysis Batch: 393210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-12 - RA	GWC-9	Total Recoverable	Water	6020	392217
400-151170-15 - RA	FD-2 (LF)	Total Recoverable	Water	6020	392217
400-151170-18 - RA	GWC-3	Total Recoverable	Water	6020	392217
400-151170-20 - RA	GWC-20	Total Recoverable	Water	6020	392217
400-151170-25 - DL	GWC-5	Total Recoverable	Water	6020	392265

Analysis Batch: 393411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-12	GWC-9	Total/NA	Water	7470A	392667
400-151170-13	EB-2 (LF)	Total/NA	Water	7470A	392667
400-151170-14	GWC-10	Total/NA	Water	7470A	392667
400-151170-16	GWC-11	Total/NA	Water	7470A	392667
400-151170-17	GWC-12	Total/NA	Water	7470A	392667
400-151170-18	GWC-3	Total/NA	Water	7470A	392667
400-151170-19	FB-2 (LF)	Total/NA	Water	7470A	392667
400-151170-20	GWC-20	Total/NA	Water	7470A	392667
MB 400-392667/14-A	Method Blank	Total/NA	Water	7470A	392667
LCS 400-392667/15-A	Lab Control Sample	Total/NA	Water	7470A	392667
400-151170-17 MS	GWC-12	Total/NA	Water	7470A	392667

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Metals (Continued)

Analysis Batch: 393411 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-17 MSD	GWC-12	Total/NA	Water	7470A	392667

General Chemistry

Analysis Batch: 391315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-4	FD-1 (LF)	Total/NA	Water	SM 2540C	
MB 400-391315/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-391315/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-151119-E-7 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 391316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-1	GWC-2	Total/NA	Water	SM 2540C	
400-151170-2	EB-1 (LF)	Total/NA	Water	SM 2540C	
400-151170-3	GWC-1	Total/NA	Water	SM 2540C	
400-151170-5	GWA-15	Total/NA	Water	SM 2540C	
400-151170-6	FB-1 (LF)	Total/NA	Water	SM 2540C	
400-151170-7	GWA-16	Total/NA	Water	SM 2540C	
400-151170-8	GWA-17	Total/NA	Water	SM 2540C	
400-151170-9	GWC-18	Total/NA	Water	SM 2540C	
400-151170-10	GWC-19	Total/NA	Water	SM 2540C	
400-151170-11	GWC-14	Total/NA	Water	SM 2540C	
400-151170-15	FD-2 (LF)	Total/NA	Water	SM 2540C	
MB 400-391316/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-391316/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-151170-9 DU	GWC-18	Total/NA	Water	SM 2540C	

Analysis Batch: 391317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-12	GWC-9	Total/NA	Water	SM 2540C	
400-151170-13	EB-2 (LF)	Total/NA	Water	SM 2540C	
400-151170-14	GWC-10	Total/NA	Water	SM 2540C	
400-151170-16	GWC-11	Total/NA	Water	SM 2540C	
400-151170-17	GWC-12	Total/NA	Water	SM 2540C	
400-151170-18	GWC-3	Total/NA	Water	SM 2540C	
400-151170-19	FB-2 (LF)	Total/NA	Water	SM 2540C	
400-151170-20	GWC-20	Total/NA	Water	SM 2540C	
400-151170-21	GWC-6	Total/NA	Water	SM 2540C	
400-151170-22	GWC-4	Total/NA	Water	SM 2540C	
MB 400-391317/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-391317/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-151170-12 DU	GWC-9	Total/NA	Water	SM 2540C	

Analysis Batch: 391575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151170-23	GWC-13	Total/NA	Water	SM 2540C	
400-151170-24	GWC-7	Total/NA	Water	SM 2540C	
400-151170-25	GWC-5	Total/NA	Water	SM 2540C	
400-151170-26	GWC-8A	Total/NA	Water	SM 2540C	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

General Chemistry (Continued)

Analysis Batch: 391575 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-391575/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-391575/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-151170-23 DU	GWC-13	Total/NA	Water	SM 2540C	
400-151170-26 DU	GWC-8A	Total/NA	Water	SM 2540C	

- 1
- 2
- 3
- 4
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- 7
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- 10
- 11
- 12
- 13
- 14

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-392449/12
Matrix: Water
Analysis Batch: 392449

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/03/18 00:12	1
Fluoride	<0.082		0.20	0.082	mg/L			04/03/18 00:12	1
Sulfate	<0.70		1.0	0.70	mg/L			04/03/18 00:12	1

Lab Sample ID: LCS 400-392449/13
Matrix: Water
Analysis Batch: 392449

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.48		mg/L		95	90 - 110
Fluoride	10.0	9.62		mg/L		96	90 - 110
Sulfate	10.0	10.0		mg/L		100	90 - 110

Lab Sample ID: LCSD 400-392449/14
Matrix: Water
Analysis Batch: 392449

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.47		mg/L		95	90 - 110	0	15
Fluoride	10.0	9.68		mg/L		97	90 - 110	1	15
Sulfate	10.0	9.90		mg/L		99	90 - 110	2	15

Lab Sample ID: 400-151170-3 MS
Matrix: Water
Analysis Batch: 392449

Client Sample ID: GWC-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	3.9		10.0	13.4		mg/L		94	80 - 120
Fluoride	<0.082		10.0	9.60		mg/L		96	80 - 120
Sulfate	0.95	J	10.0	11.0		mg/L		100	80 - 120

Lab Sample ID: 400-151170-3 MSD
Matrix: Water
Analysis Batch: 392449

Client Sample ID: GWC-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	3.9		10.0	13.4		mg/L		95	80 - 120	0	20
Fluoride	<0.082		10.0	9.70		mg/L		97	80 - 120	1	20
Sulfate	0.95	J	10.0	11.1		mg/L		101	80 - 120	1	20

Lab Sample ID: MB 400-392675/6
Matrix: Water
Analysis Batch: 392675

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/04/18 13:43	1
Fluoride	<0.082		0.20	0.082	mg/L			04/04/18 13:43	1
Sulfate	<0.70		1.0	0.70	mg/L			04/04/18 13:43	1

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 400-392675/7
Matrix: Water
Analysis Batch: 392675

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.55		mg/L		96	90 - 110
Fluoride	10.0	9.90		mg/L		99	90 - 110
Sulfate	10.0	10.0		mg/L		100	90 - 110

Lab Sample ID: LCSD 400-392675/12
Matrix: Water
Analysis Batch: 392675

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.56		mg/L		96	90 - 110	0	15
Fluoride	10.0	9.99		mg/L		100	90 - 110	1	15
Sulfate	10.0	10.0		mg/L		100	90 - 110	0	15

Lab Sample ID: 400-151732-B-9 MS
Matrix: Water
Analysis Batch: 392675

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	15		10.0	24.6		mg/L		96	80 - 120
Fluoride	<0.082		10.0	10.4		mg/L		104	80 - 120
Sulfate	17		10.0	27.2		mg/L		102	80 - 120

Lab Sample ID: 400-151732-B-9 MSD
Matrix: Water
Analysis Batch: 392675

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	15		10.0	24.6		mg/L		96	80 - 120	0	20
Fluoride	<0.082		10.0	10.2		mg/L		102	80 - 120	1	20
Sulfate	17		10.0	27.2		mg/L		102	80 - 120	0	20

Lab Sample ID: MB 400-392771/4
Matrix: Water
Analysis Batch: 392771

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/05/18 06:06	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 06:06	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 06:06	1

Lab Sample ID: LCS 400-392771/5
Matrix: Water
Analysis Batch: 392771

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.60		mg/L		96	90 - 110
Fluoride	10.0	10.0		mg/L		100	90 - 110
Sulfate	10.0	9.98		mg/L		100	90 - 110

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 400-392771/6

Matrix: Water

Analysis Batch: 392771

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.61		mg/L		96	90 - 110	0	15
Fluoride	10.0	10.0		mg/L		100	90 - 110	0	15
Sulfate	10.0	9.99		mg/L		100	90 - 110	0	15

Lab Sample ID: 400-151170-12 MS

Matrix: Water

Analysis Batch: 392771

Client Sample ID: GWC-9

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	3.6		10.0	13.2		mg/L		96	80 - 120
Fluoride	<0.082		10.0	10.0		mg/L		100	80 - 120
Sulfate	12		10.0	21.6		mg/L		101	80 - 120

Lab Sample ID: 400-151170-12 MSD

Matrix: Water

Analysis Batch: 392771

Client Sample ID: GWC-9

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	3.6		10.0	13.3		mg/L		96	80 - 120	0	20
Fluoride	<0.082		10.0	9.96		mg/L		100	80 - 120	0	20
Sulfate	12		10.0	21.6		mg/L		101	80 - 120	0	20

Lab Sample ID: MB 400-392922/36

Matrix: Water

Analysis Batch: 392922

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/05/18 18:17	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 18:17	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 18:17	1

Lab Sample ID: LCS 400-392922/37

Matrix: Water

Analysis Batch: 392922

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.45		mg/L		94	90 - 110
Fluoride	10.0	9.83		mg/L		98	90 - 110
Sulfate	10.0	9.84		mg/L		98	90 - 110

Lab Sample ID: LCSD 400-392922/38

Matrix: Water

Analysis Batch: 392922

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.37		mg/L		94	90 - 110	1	15
Fluoride	10.0	9.83		mg/L		98	90 - 110	0	15
Sulfate	10.0	9.87		mg/L		99	90 - 110	0	15

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 400-151220-A-8 MS

Matrix: Water

Analysis Batch: 392922

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1.6		10.0	11.3		mg/L		96	80 - 120
Fluoride	<0.082		10.0	9.93		mg/L		99	80 - 120
Sulfate	1.3		10.0	11.6		mg/L		103	80 - 120

Lab Sample ID: 400-151220-A-8 MSD

Matrix: Water

Analysis Batch: 392922

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1.6		10.0	11.3		mg/L		96	80 - 120	0	20
Fluoride	<0.082		10.0	10.0		mg/L		100	80 - 120	1	20
Sulfate	1.3		10.0	11.7		mg/L		104	80 - 120	1	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-391209/1-A ^5

Matrix: Water

Analysis Batch: 391487

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 391209

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/23/18 12:02	03/23/18 18:49	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/23/18 12:02	03/23/18 18:49	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/23/18 12:02	03/23/18 18:49	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/23/18 12:02	03/23/18 18:49	5
Barium	<0.00049		0.0025	0.00049	mg/L		03/23/18 12:02	03/23/18 18:49	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/23/18 12:02	03/23/18 18:49	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 18:49	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/23/18 12:02	03/23/18 18:49	5
Boron	<0.021		0.050	0.021	mg/L		03/23/18 12:02	03/23/18 18:49	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/23/18 12:02	03/23/18 18:49	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/23/18 12:02	03/23/18 18:49	5
Calcium	<0.13		0.25	0.13	mg/L		03/23/18 12:02	03/23/18 18:49	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/23/18 12:02	03/23/18 18:49	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/23/18 12:02	03/23/18 18:49	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/23/18 12:02	03/23/18 18:49	5
Selenium	0.000280	J	0.0013	0.00024	mg/L		03/23/18 12:02	03/23/18 18:49	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/23/18 12:02	03/23/18 18:49	5

Lab Sample ID: LCS 400-391209/2-A

Matrix: Water

Analysis Batch: 391487

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 391209

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0541		mg/L		108	80 - 120
Copper	0.0500	0.0540		mg/L		108	80 - 120
Arsenic	0.0500	0.0503		mg/L		101	80 - 120
Nickel	0.0500	0.0517		mg/L		103	80 - 120
Barium	0.0500	0.0517		mg/L		103	80 - 120

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 400-391209/2-A
Matrix: Water
Analysis Batch: 391487

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 391209

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Silver	0.0500	0.0524		mg/L		105	80 - 120	
Beryllium	0.0500	0.0510		mg/L		102	80 - 120	
Vanadium	0.0500	0.0512		mg/L		102	80 - 120	
Boron	0.100	0.0999		mg/L		100	80 - 120	
Zinc	0.0500	0.0518		mg/L		104	80 - 120	
Cadmium	0.0500	0.0519		mg/L		104	80 - 120	
Calcium	5.00	5.41		mg/L		108	80 - 120	
Chromium	0.0500	0.0503		mg/L		101	80 - 120	
Cobalt	0.0500	0.0527		mg/L		105	80 - 120	
Lead	0.0500	0.0477		mg/L		95	80 - 120	
Selenium	0.0500	0.0495		mg/L		99	80 - 120	
Thallium	0.0100	0.0103		mg/L		103	80 - 120	

Lab Sample ID: 400-151170-1 MS
Matrix: Water
Analysis Batch: 391487

Client Sample ID: GWC-2
Prep Type: Total Recoverable
Prep Batch: 391209

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	
Antimony	<0.0010	F1	0.0500	0.0555		mg/L		111	75 - 125	
Antimony	<0.0010	F1	0.0500	0.0555		mg/L		111	75 - 125	
Copper	<0.0021		0.0500	0.0558		mg/L		112	75 - 125	
Copper	<0.0021		0.0500	0.0558		mg/L		112	75 - 125	
Arsenic	<0.00046		0.0500	0.0515		mg/L		103	75 - 125	
Arsenic	<0.00046		0.0500	0.0515		mg/L		103	75 - 125	
Nickel	<0.0018		0.0500	0.0541		mg/L		108	75 - 125	
Nickel	<0.0018		0.0500	0.0541		mg/L		108	75 - 125	
Barium	0.045		0.0500	0.0965		mg/L		103	75 - 125	
Barium	0.045		0.0500	0.0965		mg/L		103	75 - 125	
Silver	<0.00011		0.0500	0.0532		mg/L		106	75 - 125	
Silver	<0.00011		0.0500	0.0532		mg/L		106	75 - 125	
Beryllium	<0.00034		0.0500	0.0529		mg/L		106	75 - 125	
Beryllium	<0.00034		0.0500	0.0529		mg/L		106	75 - 125	
Vanadium	0.014		0.0500	0.0658		mg/L		103	75 - 125	
Vanadium	0.014		0.0500	0.0658		mg/L		103	75 - 125	
Boron	<0.021		0.100	0.106		mg/L		106	75 - 125	
Boron	<0.021		0.100	0.106		mg/L		106	75 - 125	
Zinc	<0.0065	F1	0.0500	0.0552		mg/L		110	75 - 125	
Zinc	<0.0065	F1	0.0500	0.0552		mg/L		110	75 - 125	
Cadmium	<0.00034		0.0500	0.0527		mg/L		105	75 - 125	
Cadmium	<0.00034		0.0500	0.0527		mg/L		105	75 - 125	
Calcium	18		5.00	23.4		mg/L		107	75 - 125	
Calcium	18		5.00	23.4		mg/L		107	75 - 125	
Chromium	0.0099		0.0500	0.0612		mg/L		103	75 - 125	
Chromium	0.0099		0.0500	0.0612		mg/L		103	75 - 125	
Cobalt	<0.00040		0.0500	0.0539		mg/L		108	75 - 125	
Cobalt	<0.00040		0.0500	0.0539		mg/L		108	75 - 125	
Lead	<0.00035		0.0500	0.0474		mg/L		95	75 - 125	
Lead	<0.00035		0.0500	0.0474		mg/L		95	75 - 125	

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-151170-1 MS
Matrix: Water
Analysis Batch: 391487

Client Sample ID: GWC-2
Prep Type: Total Recoverable
Prep Batch: 391209

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Selenium	0.00059	J B	0.0500	0.0514		mg/L		102	75 - 125
Selenium	0.00059	J B	0.0500	0.0514		mg/L		102	75 - 125
Thallium	<0.000085		0.0100	0.0104		mg/L		104	75 - 125
Thallium	<0.000085		0.0100	0.0104		mg/L		104	75 - 125

Lab Sample ID: 400-151170-1 MSD
Matrix: Water
Analysis Batch: 391487

Client Sample ID: GWC-2
Prep Type: Total Recoverable
Prep Batch: 391209

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Antimony	<0.0010	F1	0.0500	0.0630	F1	mg/L		126	75 - 125	13	20
Antimony	<0.0010	F1	0.0500	0.0630	F1	mg/L		126	75 - 125	13	20
Copper	<0.0021		0.0500	0.0626		mg/L		125	75 - 125	11	20
Copper	<0.0021		0.0500	0.0626		mg/L		125	75 - 125	11	20
Arsenic	<0.00046		0.0500	0.0584		mg/L		117	75 - 125	13	20
Arsenic	<0.00046		0.0500	0.0584		mg/L		117	75 - 125	13	20
Nickel	<0.0018		0.0500	0.0609		mg/L		122	75 - 125	12	20
Nickel	<0.0018		0.0500	0.0609		mg/L		122	75 - 125	12	20
Barium	0.045		0.0500	0.104		mg/L		118	75 - 125	7	20
Barium	0.045		0.0500	0.104		mg/L		118	75 - 125	7	20
Silver	<0.00011		0.0500	0.0601		mg/L		120	75 - 125	12	20
Silver	<0.00011		0.0500	0.0601		mg/L		120	75 - 125	12	20
Beryllium	<0.00034		0.0500	0.0601		mg/L		120	75 - 125	13	20
Beryllium	<0.00034		0.0500	0.0601		mg/L		120	75 - 125	13	20
Vanadium	0.014		0.0500	0.0719		mg/L		116	75 - 125	9	20
Vanadium	0.014		0.0500	0.0719		mg/L		116	75 - 125	9	20
Boron	<0.021		0.100	0.118		mg/L		118	75 - 125	11	20
Boron	<0.021		0.100	0.118		mg/L		118	75 - 125	11	20
Zinc	<0.0065	F1	0.0500	0.0634	F1	mg/L		127	75 - 125	14	20
Zinc	<0.0065	F1	0.0500	0.0634	F1	mg/L		127	75 - 125	14	20
Cadmium	<0.00034		0.0500	0.0586		mg/L		117	75 - 125	11	20
Cadmium	<0.00034		0.0500	0.0586		mg/L		117	75 - 125	11	20
Calcium	18		5.00	23.9		mg/L		116	75 - 125	2	20
Calcium	18		5.00	23.9		mg/L		116	75 - 125	2	20
Chromium	0.0099		0.0500	0.0675		mg/L		115	75 - 125	10	20
Chromium	0.0099		0.0500	0.0675		mg/L		115	75 - 125	10	20
Cobalt	<0.00040		0.0500	0.0604		mg/L		121	75 - 125	11	20
Cobalt	<0.00040		0.0500	0.0604		mg/L		121	75 - 125	11	20
Lead	<0.00035		0.0500	0.0550		mg/L		110	75 - 125	15	20
Lead	<0.00035		0.0500	0.0550		mg/L		110	75 - 125	15	20
Selenium	0.00059	J B	0.0500	0.0568		mg/L		112	75 - 125	10	20
Selenium	0.00059	J B	0.0500	0.0568		mg/L		112	75 - 125	10	20
Thallium	<0.000085		0.0100	0.0120		mg/L		120	75 - 125	14	20
Thallium	<0.000085		0.0100	0.0120		mg/L		120	75 - 125	14	20

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 400-392217/1-A ^5
Matrix: Water
Analysis Batch: 393106

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 392217

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/31/18 12:31	04/07/18 00:13	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/31/18 12:31	04/07/18 00:13	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/31/18 12:31	04/07/18 00:13	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/31/18 12:31	04/07/18 00:13	5
Barium	<0.00049		0.0025	0.00049	mg/L		03/31/18 12:31	04/07/18 00:13	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/31/18 12:31	04/07/18 00:13	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:13	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/31/18 12:31	04/07/18 00:13	5
Boron	<0.021		0.050	0.021	mg/L		03/31/18 12:31	04/07/18 00:13	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/31/18 12:31	04/07/18 00:13	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/31/18 12:31	04/07/18 00:13	5
Calcium	<0.13		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 00:13	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/31/18 12:31	04/07/18 00:13	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/31/18 12:31	04/07/18 00:13	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/31/18 12:31	04/07/18 00:13	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/31/18 12:31	04/07/18 00:13	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/31/18 12:31	04/07/18 00:13	5

Lab Sample ID: LCS 400-392217/2-A
Matrix: Water
Analysis Batch: 393106

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 392217

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	0.0500	0.0442		mg/L		88	80 - 120
Copper	0.0500	0.0416		mg/L		83	80 - 120
Arsenic	0.0500	0.0429		mg/L		86	80 - 120
Nickel	0.0500	0.0472		mg/L		94	80 - 120
Barium	0.0500	0.0435		mg/L		87	80 - 120
Silver	0.0500	0.0424		mg/L		85	80 - 120
Beryllium	0.0500	0.0427		mg/L		85	80 - 120
Vanadium	0.0500	0.0425		mg/L		85	80 - 120
Boron	0.100	0.0885		mg/L		88	80 - 120
Zinc	0.0500	0.0591		mg/L		118	80 - 120
Cadmium	0.0500	0.0443		mg/L		89	80 - 120
Calcium	5.00	4.52		mg/L		90	80 - 120
Chromium	0.0500	0.0433		mg/L		87	80 - 120
Cobalt	0.0500	0.0427		mg/L		85	80 - 120
Lead	0.0500	0.0430		mg/L		86	80 - 120
Selenium	0.0500	0.0400		mg/L		80	80 - 120
Thallium	0.0100	0.00825		mg/L		82	80 - 120

Lab Sample ID: 400-150979-B-1-B MS ^5
Matrix: Water
Analysis Batch: 393106

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 392217

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Antimony	<0.0010	F2 F1	0.0500	0.0333	F1	mg/L		67	75 - 125
Copper	0.0061		0.0500	0.0436		mg/L		75	75 - 125

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-150979-B-1-B MS ^5
Matrix: Water
Analysis Batch: 393106

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 392217

Analyte	Sample	Sample	Spike	MS MS		Unit	D	%Rec	%Rec.	
	Result	Qualifier		Result	Qualifier				Limits	Limits
Arsenic	<0.00046	F2 F1	0.0500	0.0307	F1	mg/L		61	75 - 125	
Nickel	<0.0018	F2	0.0500	0.0380		mg/L		76	75 - 125	
Barium	0.00062	J F2 F1	0.0500	0.0311	F1	mg/L		61	75 - 125	
Silver	0.0013	F2 F1	0.0500	0.0315	F1	mg/L		60	75 - 125	
Beryllium	0.0019	J F2 F1	0.0500	0.0324	F1	mg/L		61	75 - 125	
Vanadium	<0.0014	F2 F1	0.0500	0.0307	F1	mg/L		61	75 - 125	
Boron	<0.021	F2 F1	0.100	0.0679	F1	mg/L		68	75 - 125	
Zinc	0.027	F1	0.0500	0.0598	F1	mg/L		65	75 - 125	
Cadmium	<0.00034	F2 F1	0.0500	0.0308	F1	mg/L		62	75 - 125	
Calcium	4.0	F1	5.00	7.18	F1	mg/L		63	75 - 125	
Chromium	0.0046	F2 F1	0.0500	0.186	F1	mg/L		362	75 - 125	
Cobalt	<0.00040	F2 F1	0.0500	0.0306	F1	mg/L		61	75 - 125	
Lead	<0.00035	F2 F1	0.0500	0.0301	F1	mg/L		60	75 - 125	
Selenium	<0.00024	F2 F1	0.0500	0.0304	F1	mg/L		61	75 - 125	
Thallium	<0.00085	F2 F1	0.0100	0.00590	F1	mg/L		59	75 - 125	

Lab Sample ID: 400-150979-B-1-C MSD ^5
Matrix: Water
Analysis Batch: 393106

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 392217

Analyte	Sample	Sample	Spike	MSD MSD		Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier		Result	Qualifier				Limits	Limits	RPD	Limit
Antimony	<0.0010	F2 F1	0.0500	0.0444	F2	mg/L		89	75 - 125	28	20	
Copper	0.0061		0.0500	0.0483		mg/L		84	75 - 125	10	20	
Arsenic	<0.00046	F2 F1	0.0500	0.0421	F2	mg/L		84	75 - 125	31	20	
Nickel	<0.0018	F2	0.0500	0.0473	F2	mg/L		95	75 - 125	22	20	
Barium	0.00062	J F2 F1	0.0500	0.0427	F2	mg/L		84	75 - 125	31	20	
Silver	0.0013	F2 F1	0.0500	0.0427	F2	mg/L		83	75 - 125	30	20	
Beryllium	0.0019	J F2 F1	0.0500	0.0432	F2	mg/L		83	75 - 125	29	20	
Vanadium	<0.0014	F2 F1	0.0500	0.0412	F2	mg/L		82	75 - 125	29	20	
Boron	<0.021	F2 F1	0.100	0.0897	F2	mg/L		90	75 - 125	28	20	
Zinc	0.027	F1	0.0500	0.0716		mg/L		88	75 - 125	18	20	
Cadmium	<0.00034	F2 F1	0.0500	0.0419	F2	mg/L		84	75 - 125	30	20	
Calcium	4.0	F1	5.00	8.45		mg/L		88	75 - 125	16	20	
Chromium	0.0046	F2 F1	0.0500	0.0642	F2	mg/L		119	75 - 125	97	20	
Cobalt	<0.00040	F2 F1	0.0500	0.0421	F2	mg/L		84	75 - 125	32	20	
Lead	<0.00035	F2 F1	0.0500	0.0424	F2	mg/L		85	75 - 125	34	20	
Selenium	<0.00024	F2 F1	0.0500	0.0400	F2	mg/L		80	75 - 125	27	20	
Thallium	<0.00085	F2 F1	0.0100	0.00805	F2	mg/L		81	75 - 125	31	20	

Lab Sample ID: MB 400-392265/1-A ^5
Matrix: Water
Analysis Batch: 393106

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 392265

Analyte	MB MB		RL	MDL	Unit	D	Prepared		Analyzed		Dil Fac
	Result	Qualifier									
Antimony	<0.0010		0.0025	0.0010	mg/L		04/01/18 12:07	04/06/18 14:14		5	
Copper	<0.0021		0.0025	0.0021	mg/L		04/01/18 12:07	04/06/18 14:14		5	
Arsenic	<0.00046		0.0013	0.00046	mg/L		04/01/18 12:07	04/06/18 14:14		5	
Nickel	<0.0018		0.0025	0.0018	mg/L		04/01/18 12:07	04/06/18 14:14		5	
Barium	<0.00049		0.0025	0.00049	mg/L		04/01/18 12:07	04/06/18 14:14		5	

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 400-392265/1-A ^5
Matrix: Water
Analysis Batch: 393106

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 392265

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.00011		0.0013	0.00011	mg/L		04/01/18 12:07	04/06/18 14:14	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		04/01/18 12:07	04/06/18 14:14	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		04/01/18 12:07	04/06/18 14:14	5
Boron	<0.021		0.050	0.021	mg/L		04/01/18 12:07	04/06/18 14:14	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/01/18 12:07	04/06/18 14:14	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/01/18 12:07	04/06/18 14:14	5
Calcium	<0.13		0.25	0.13	mg/L		04/01/18 12:07	04/06/18 14:14	5
Chromium	<0.0011		0.0025	0.0011	mg/L		04/01/18 12:07	04/06/18 14:14	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/01/18 12:07	04/06/18 14:14	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/01/18 12:07	04/06/18 14:14	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/01/18 12:07	04/06/18 14:14	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/01/18 12:07	04/06/18 14:14	5

Lab Sample ID: LCS 400-392265/2-A
Matrix: Water
Analysis Batch: 393106

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 392265

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0528		mg/L		106	80 - 120
Copper	0.0500	0.0487		mg/L		97	80 - 120
Arsenic	0.0500	0.0512		mg/L		102	80 - 120
Nickel	0.0500	0.0531		mg/L		106	80 - 120
Barium	0.0500	0.0505		mg/L		101	80 - 120
Silver	0.0500	0.0493		mg/L		99	80 - 120
Beryllium	0.0500	0.0507		mg/L		101	80 - 120
Vanadium	0.0500	0.0501		mg/L		100	80 - 120
Boron	0.100	0.104		mg/L		104	80 - 120
Zinc	0.0500	0.0526		mg/L		105	80 - 120
Cadmium	0.0500	0.0515		mg/L		103	80 - 120
Calcium	5.00	5.32		mg/L		106	80 - 120
Chromium	0.0500	0.0497		mg/L		99	80 - 120
Cobalt	0.0500	0.0495		mg/L		99	80 - 120
Lead	0.0500	0.0512		mg/L		102	80 - 120
Selenium	0.0500	0.0488		mg/L		98	80 - 120
Thallium	0.0100	0.00986		mg/L		99	80 - 120

Lab Sample ID: 400-151170-24 MS
Matrix: Water
Analysis Batch: 393106

Client Sample ID: GWC-7
Prep Type: Total Recoverable
Prep Batch: 392265

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.0010		0.0500	0.0556		mg/L		111	75 - 125
Antimony	<0.0010		0.0500	0.0556		mg/L		111	75 - 125
Copper	<0.0021		0.0500	0.0495		mg/L		99	75 - 125
Copper	<0.0021		0.0500	0.0495		mg/L		99	75 - 125
Arsenic	<0.00046		0.0500	0.0519		mg/L		104	75 - 125
Arsenic	<0.00046		0.0500	0.0519		mg/L		104	75 - 125
Nickel	<0.0018		0.0500	0.0542		mg/L		108	75 - 125
Nickel	<0.0018		0.0500	0.0542		mg/L		108	75 - 125

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-151170-24 MS

Matrix: Water

Analysis Batch: 393106

Client Sample ID: GWC-7
Prep Type: Total Recoverable

Prep Batch: 392265

Analyte	Sample	Sample Qualifier	Spike Added	MS	MS Qualifier	Unit	D	%Rec	%Rec.	
	Result			Result					Limits	Limits
Barium	0.035		0.0500	0.0880		mg/L		107	75 - 125	
Barium	0.035		0.0500	0.0880		mg/L		107	75 - 125	
Silver	<0.00011		0.0500	0.0501		mg/L		100	75 - 125	
Silver	<0.00011		0.0500	0.0501		mg/L		100	75 - 125	
Beryllium	<0.00034		0.0500	0.0517		mg/L		103	75 - 125	
Beryllium	<0.00034		0.0500	0.0517		mg/L		103	75 - 125	
Vanadium	0.012		0.0500	0.0616		mg/L		99	75 - 125	
Vanadium	0.012		0.0500	0.0616		mg/L		99	75 - 125	
Boron	<0.021		0.100	0.111		mg/L		111	75 - 125	
Boron	<0.021		0.100	0.111		mg/L		111	75 - 125	
Zinc	<0.0065		0.0500	0.0547		mg/L		109	75 - 125	
Zinc	<0.0065		0.0500	0.0547		mg/L		109	75 - 125	
Cadmium	<0.00034		0.0500	0.0512		mg/L		102	75 - 125	
Cadmium	<0.00034		0.0500	0.0512		mg/L		102	75 - 125	
Calcium	15		5.00	20.1		mg/L		101	75 - 125	
Calcium	15		5.00	20.1		mg/L		101	75 - 125	
Chromium	0.0086	F1	0.0500	0.0589		mg/L		101	75 - 125	
Chromium	0.0086	F1	0.0500	0.0589		mg/L		101	75 - 125	
Cobalt	<0.00040		0.0500	0.0504		mg/L		101	75 - 125	
Cobalt	<0.00040		0.0500	0.0504		mg/L		101	75 - 125	
Lead	<0.00035		0.0500	0.0518		mg/L		104	75 - 125	
Lead	<0.00035		0.0500	0.0518		mg/L		104	75 - 125	
Selenium	<0.00024		0.0500	0.0502		mg/L		100	75 - 125	
Selenium	<0.00024		0.0500	0.0502		mg/L		100	75 - 125	
Thallium	<0.000085		0.0100	0.0100		mg/L		100	75 - 125	
Thallium	<0.000085		0.0100	0.0100		mg/L		100	75 - 125	

Lab Sample ID: 400-151170-24 MSD

Matrix: Water

Analysis Batch: 393106

Client Sample ID: GWC-7
Prep Type: Total Recoverable

Prep Batch: 392265

Analyte	Sample	Sample Qualifier	Spike Added	MSD	MSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
	Result			Result					Limits	Limits		
Antimony	<0.0010		0.0500	0.0543		mg/L		109	75 - 125	2	20	
Antimony	<0.0010		0.0500	0.0543		mg/L		109	75 - 125	2	20	
Copper	<0.0021		0.0500	0.0508		mg/L		102	75 - 125	3	20	
Copper	<0.0021		0.0500	0.0508		mg/L		102	75 - 125	3	20	
Arsenic	<0.00046		0.0500	0.0521		mg/L		104	75 - 125	0	20	
Arsenic	<0.00046		0.0500	0.0521		mg/L		104	75 - 125	0	20	
Nickel	<0.0018		0.0500	0.0552		mg/L		110	75 - 125	2	20	
Nickel	<0.0018		0.0500	0.0552		mg/L		110	75 - 125	2	20	
Barium	0.035		0.0500	0.0865		mg/L		104	75 - 125	2	20	
Barium	0.035		0.0500	0.0865		mg/L		104	75 - 125	2	20	
Silver	<0.00011		0.0500	0.0507		mg/L		101	75 - 125	1	20	
Silver	<0.00011		0.0500	0.0507		mg/L		101	75 - 125	1	20	
Beryllium	<0.00034		0.0500	0.0505		mg/L		101	75 - 125	2	20	
Beryllium	<0.00034		0.0500	0.0505		mg/L		101	75 - 125	2	20	
Vanadium	0.012		0.0500	0.0629		mg/L		102	75 - 125	2	20	
Vanadium	0.012		0.0500	0.0629		mg/L		102	75 - 125	2	20	

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-151170-24 MSD
Matrix: Water
Analysis Batch: 393106

Client Sample ID: GWC-7
Prep Type: Total Recoverable
Prep Batch: 392265

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Boron	<0.021		0.100	0.109		mg/L		109	75 - 125	2	20
Boron	<0.021		0.100	0.109		mg/L		109	75 - 125	2	20
Zinc	<0.0065		0.0500	0.0570		mg/L		114	75 - 125	4	20
Zinc	<0.0065		0.0500	0.0570		mg/L		114	75 - 125	4	20
Cadmium	<0.00034		0.0500	0.0537		mg/L		107	75 - 125	5	20
Cadmium	<0.00034		0.0500	0.0537		mg/L		107	75 - 125	5	20
Calcium	15		5.00	20.4		mg/L		107	75 - 125	2	20
Calcium	15		5.00	20.4		mg/L		107	75 - 125	2	20
Chromium	0.0086	F1	0.0500	0.0717	F1	mg/L		126	75 - 125	20	20
Chromium	0.0086	F1	0.0500	0.0717	F1	mg/L		126	75 - 125	20	20
Cobalt	<0.00040		0.0500	0.0504		mg/L		101	75 - 125	0	20
Cobalt	<0.00040		0.0500	0.0504		mg/L		101	75 - 125	0	20
Lead	<0.00035		0.0500	0.0518		mg/L		104	75 - 125	0	20
Lead	<0.00035		0.0500	0.0518		mg/L		104	75 - 125	0	20
Selenium	<0.00024		0.0500	0.0492		mg/L		98	75 - 125	2	20
Selenium	<0.00024		0.0500	0.0492		mg/L		98	75 - 125	2	20
Thallium	<0.000085		0.0100	0.0101		mg/L		101	75 - 125	1	20
Thallium	<0.000085		0.0100	0.0101		mg/L		101	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-392228/14-A
Matrix: Water
Analysis Batch: 392577

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 392228

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.000070		0.00020	0.000070	mg/L		03/31/18 15:08	04/03/18 15:10	1

Lab Sample ID: LCS 400-392228/15-A
Matrix: Water
Analysis Batch: 392577

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 392228

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
							Result
Mercury	0.00101	0.00107		mg/L		106	80 - 120

Lab Sample ID: 400-151258-B-3-C MS
Matrix: Water
Analysis Batch: 392577

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 392228

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Mercury	<0.000070		0.00201	0.00196		mg/L		97	80 - 120

Lab Sample ID: 400-151258-B-3-D MSD
Matrix: Water
Analysis Batch: 392577

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 392228

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Mercury	<0.000070		0.00201	0.00205		mg/L		102	80 - 120	5	20

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: MB 400-392489/14-A
Matrix: Water
Analysis Batch: 392873

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 392489

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000138	J	0.00020	0.000070	mg/L		04/03/18 11:23	04/05/18 13:29	1

Lab Sample ID: LCS 400-392489/15-A
Matrix: Water
Analysis Batch: 392873

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 392489

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00101	0.00107		mg/L		106	80 - 120

Lab Sample ID: 400-151352-R-1-C MS
Matrix: Water
Analysis Batch: 392873

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 392489

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	<0.000070	F1	0.00201	0.00247	F1	mg/L		123	80 - 120

Lab Sample ID: 400-151352-R-1-D MSD
Matrix: Water
Analysis Batch: 392873

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 392489

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	<0.000070	F1	0.00201	0.00244	F1	mg/L		121	80 - 120	2	20

Lab Sample ID: MB 400-392667/14-A
Matrix: Water
Analysis Batch: 393411

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 392667

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/08/18 14:23	04/10/18 09:27	1

Lab Sample ID: LCS 400-392667/15-A
Matrix: Water
Analysis Batch: 393411

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 392667

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00101	0.00101		mg/L		101	80 - 120

Lab Sample ID: 400-151170-17 MS
Matrix: Water
Analysis Batch: 393411

Client Sample ID: GWC-12
Prep Type: Total/NA
Prep Batch: 392667

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	<0.000070		0.00201	0.00199		mg/L		99	80 - 120

Lab Sample ID: 400-151170-17 MSD
Matrix: Water
Analysis Batch: 393411

Client Sample ID: GWC-12
Prep Type: Total/NA
Prep Batch: 392667

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	<0.000070		0.00201	0.00199		mg/L		99	80 - 120	0	20

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
 SDG: Landfill Cell #1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 400-391315/1
Matrix: Water
Analysis Batch: 391315

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/24/18 17:19	1

Lab Sample ID: LCS 400-391315/2
Matrix: Water
Analysis Batch: 391315

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	278		mg/L		95	78 - 122

Lab Sample ID: 400-151119-E-7 DU
Matrix: Water
Analysis Batch: 391315

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	680		676		mg/L		0	5

Lab Sample ID: MB 400-391316/1
Matrix: Water
Analysis Batch: 391316

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/24/18 17:50	1

Lab Sample ID: LCS 400-391316/2
Matrix: Water
Analysis Batch: 391316

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	274		mg/L		94	78 - 122

Lab Sample ID: 400-151170-9 DU
Matrix: Water
Analysis Batch: 391316

Client Sample ID: GWC-18
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	92		92.0		mg/L		0	5

Lab Sample ID: MB 400-391317/1
Matrix: Water
Analysis Batch: 391317

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/25/18 06:55	1

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 400-391317/2
Matrix: Water
Analysis Batch: 391317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	298		mg/L		102	78 - 122

Lab Sample ID: 400-151170-12 DU
Matrix: Water
Analysis Batch: 391317

Client Sample ID: GWC-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	160		164		mg/L		0	5

Lab Sample ID: MB 400-391575/1
Matrix: Water
Analysis Batch: 391575

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/27/18 13:11	1

Lab Sample ID: LCS 400-391575/2
Matrix: Water
Analysis Batch: 391575

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	280		mg/L		96	78 - 122

Lab Sample ID: 400-151170-23 DU
Matrix: Water
Analysis Batch: 391575

Client Sample ID: GWC-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	76		76.0		mg/L		0	5

Lab Sample ID: 400-151170-26 DU
Matrix: Water
Analysis Batch: 391575

Client Sample ID: GWC-8A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	220		220		mg/L		0	5

Client Information		Lab PM: Whitmire, Cheyenne R		COC No: 400-68569-27833.6					
Client Contact: Ben Hodges		E-Mail: cheyenne.whitmire@testamericainc.com		Page: 1 of 1					
Company: Southern Company		Job #: 151170		Camera Tracking No(s):					
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:		Analysis Requested					
City: Atlanta		TAT Requested (days):		Total Number of Containers					
State, Zip: GA, 30308		PO #: SCS10347656		Preservation Codes:					
Phone:		WO #:		A - HCL M - Hexane B - NaOH N - Nitric C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 F - MeOH G - Amchlor R - Na2S2O3 S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify) Other:					
Email: JAbraham@southernco.com		Project #:		Special Instructions/Note:					
Project Name: CCR - Plant Scherer App III		SSOW#:							
Site: Cell 1									
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Preservation Code:	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540C - Total Dissolved Solids, 300 ORGM, 28F-Fluoride, Chloride & Sulfate	6020 - Boron & Calcium	States 6020 - As, Ba, Be, Bi, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Ti, V, Zn & 7470 - Hg
GWC-2	3/20/18	1350	G	Water	N	X	X	X	D
EB-1(LF)	3/20/18	1540	G	Water	N	X	X	X	X
GWC-1	3/20/18	1240	G	Water	N	X	X	X	X
FD-1(LF)	3/20/18	--	G	Water	N	X	X	X	X
GWA-15	3/20/18	1020	G	Water	N	X	X	X	X
FB-1(LF)	3/20/18	1020	G	Water	N	X	X	X	X
GWA-16	3/20/18	1025	G	Water	N	X	X	X	X
GWA-17	3/20/18	1235	G	Water	N	X	X	X	X
GWC-18	3/20/18	1350	G	Water	N	X	X	X	X
GWC-19	3/20/18	1510	G	Water	N	X	X	X	X
GWC-14	3/20/18	1455	G	Water	N	X	X	X	X
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological									
Deliverable Requested: I, II, III, IV, Other (specify)									
Empty Kit Relinquished by: Ben Hodges Date/Time: 10/5/17 0800 Company: Golden									
Relinquished by: J Elrod Date/Time: 3-21-18 1200 Company: Elrod									
Relinquished by: J Elrod Date/Time: 3-21-18 1201 Company: Elrod									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.: 0.02 IR7									



Chain of Custody Record



Client Information Client Contact: Ben Hodges Phone: 912-258-7457 E-Mail: cheyenne.whitmire@testamericainc.com Lab PM: Whitmire, Cheyenne R 400-685669-27833.6 Page: 1 of 1 Job #:		400-151170 COC	
Company: Southern Company Address: 241 Ralph McGill Blvd SE B10185 City: Atlanta State, Zip: GA, 30308 Phone: PO #: SCS10347656 WO #: Email: JAbraham@southernco.com Project Name: CCR - Plant Scherer App III Site: Cell 1		Analysis Requested Due Date Requested: TAT Requested (days): Perform MS/MSD (Yes or No) Field Filtered Sample (Yes or No) 2540C - Total Dissolved Solids, 300_ORGF_M_28D-Fluoride, Chloride & Sulfate 6020 - Boron & Calcium State 6020 - As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, TI, V, Zn & 7470 - Hg D	
Sample Identification Sample Date Sample Time Sample Type (C=Comp, G=grab) Matrix (W=water, S=solid, O=wastewater, BT=tissue, A=air) Preservation Code: Special Instructions/Note:		Total Number of containers Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Empty Kit Relinquished by: Ben Hodges Date/Time: 10/5/17 0800 Date/Time: 3/22/18 Company: Golden		Method of Shipment: Received by: M. BAH Date/Time: 3/22/18 8:15 Company: COUNTER NEW	
Relinquished by: Date/Time: 3/12/18 Company: FA		Received by: [Signature] Date/Time: 3/23/18 0903 Company: TA-Pen	
Custody Seals Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Custody Seal Nq: 16,06 Cooler Temperature(s) and Other Remarks: 0.0°C IK1			



TestAmerica Pensacola
 3355 McLenore Drive
 Pensacola, FL 32514
 Phone (850) 474-1001 Fax (850) 478-2871

681-Atlanta

Chain of Custody Record

TestAmerica
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Client Information		Lab P/N: Whitmire, Cheyenne R		Carrier Tracking No(s):	
Client Contact: Ben Hodges		Phone: 912-258-7457		COC No: 400-88566-27833.6	
Company: Southern Company		E-Mail: cheyenne.whitmire@testamericainc.com		Page: 1 of 1	
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:		Job #:	
City: Atlanta		TAT Requested (days):		Preservation Codes:	
State, Zip: GA, 30308		PO #: SCS10347856		M - Hexane N - None O - AgNO ₃ P - Na ₂ O ₄ S Q - Na ₂ SO ₃ R - Na ₂ SO ₄ S - H ₂ SO ₄ T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 X - EDTA Y - EDA Z - other (specify)	
Phone:		WO #:		Other:	
Email: JAbraham@southernco.com		Project #:		Special Instructions/Note:	
CCR - Plant Scherer App III		40008128		Total Number of Containers: 400-151170 COC	
Site: Cell 1		SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, B=Soil, O=Other, D=Distillate, RT=Residue, A=As)	Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		6020 - Boron & Calcium Chloride & Sulfate	State 6020 - As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Mn, Se, Ag, Tl, V, Zn & 7478 - Hg	Analysis Requested
					Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	N	D			
GWC-13	3/22/18	1100	G	Water	N	X	X	X	X	X	
GWC-7	3/22/18	0945	G	Water	N	X	X	X	X	X	
GWC-5	3/22/18	1100	G	Water	N	X	X	X	X	X	
GWC-8A	3/22/18	0955	G	Water	N	X	X	X	X	X	

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Empty Kit Relinquished by: _____ Date: _____

Sampled By: Karim Minkara

Relinquished by: J Elrod Date: 3/22/18 0800

Relinquished by: J Elrod Date: 3-23-18 1145

Relinquished by: J Elrod Date: 3-23-18 1145

Custody Seal No.: _____

Company: Golden
Company: C Now
Company: THA

Received by: J Elrod Date/Time: 3-23-18 0800
Received by: J Elrod Date/Time: 3-23-18 1145
Received by: J Elrod Date/Time: 3-24-18 817

Special Instructions/QC Requirements: Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

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Login Sample Receipt Checklist

Client: Southern Company

Job Number: 400-151170-1
SDG Number: Landfill Cell #1

Login Number: 151170

List Number: 1

Creator: Whitmire, Cheyenne R

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C IR7, 0.0°C IR7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151170-1
SDG: Landfill Cell #1

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-18
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-18
California	ELAP	9	2510	03-31-18 *
Florida	NELAP	4	E81010	06-30-18
Georgia	State Program	4	N/A	06-30-18
Illinois	NELAP	5	200041	10-09-18
Iowa	State Program	7	367	08-01-18
Kansas	NELAP	7	E-10253	10-31-18
Kentucky (UST)	State Program	4	53	06-30-18
Kentucky (WW)	State Program	4	98030	12-31-18
Louisiana	NELAP	6	30976	06-30-18
Louisiana (DW)	NELAP	6	LA170005	12-31-18
Maryland	State Program	3	233	09-30-18
Massachusetts	State Program	1	M-FL094	06-30-18
Michigan	State Program	5	9912	06-30-18
New Jersey	NELAP	2	FL006	06-30-18
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-18
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-18
Tennessee	State Program	4	TN02907	06-30-18
Texas	NELAP	6	T104704286-17-12	09-30-18
USDA	Federal		P330-16-00172	05-24-19
Virginia	NELAP	3	460166	06-14-18
Washington	State Program	10	C915	05-15-18
West Virginia DEP	State Program	3	136	06-30-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pensacola

3355 McLemore Drive

Pensacola, FL 32514

Tel: (850)474-1001

TestAmerica Job ID: 400-151220-1

TestAmerica Sample Delivery Group: PAC Ash Landfill

Client Project/Site: CCR - Plant Scherer

For:

Southern Company

241 Ralph McGill Blvd SE

B10185

Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:

4/12/2018 4:04:49 PM

Cheyenne Whitmire, Project Manager II

(850)471-6222

cheyenne.whitmire@testamericainc.com

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Job ID: 400-151220-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative 400-151220-1

HPLC/IC

Method(s) 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: GWA-45 (400-151220-3), FD-1 (PA) (400-151220-5) and GWC-53 (400-151220-15). Elevated reporting limits (RLs) are provided.

Metals

Method(s) 6020: The continuing calibration verification (CCV) associated with batch 393373 recovered above the upper control limit for Arsenic, Boron, Beryllium, and Lithium. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: GWA-21 (400-151220-10), GWA-22 (400-151220-11), GWA-29 (400-151220-12), GWC-51 (400-151220-13), GWC-52 (400-151220-14), EB-2 (PA) (400-151220-16), FB-2 (PA) (400-151220-17) and (MB 400-392993/1-A ^5).

Method(s) 6020: The continuing calibration verification (CCV) associated with batch 393373 recovered above the upper control limit for Arsenic, Beryllium, and Lithium. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: GWC-53 (400-151220-15).

Method(s) 6020: The post digestion spike % recovery for Lithium associated with batch 393373 was outside of control limits.

Method(s) 6020: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 392993 and analytical batch 393373 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 6020: The continuing calibration verification (CCV) associated with batch 393373 recovered above the upper control limit for Arsenic and Boron. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: FD-2 (PA) (400-151220-18).

Method(s) 6020: The following sample was diluted to bring the concentration of target analytes within the calibration range: GWC-53 (400-151220-15). Elevated reporting limits (RLs) are provided.

Method(s) 7470A: The method blank for preparation batch 393340 and analytical batch 393601 contained Mercury above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-analysis of samples was not performed.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-47

Lab Sample ID: 400-151220-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.3		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.024		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0074		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Lead	0.00096	J	0.0013	0.00035	mg/L	5		6020	Total Recoverable
Vanadium	0.0068		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	11		0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	92		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWA-49

Lab Sample ID: 400-151220-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.9		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.018		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0051		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Vanadium	0.018		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	14		0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	100		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWA-45

Lab Sample ID: 400-151220-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	9.7		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate - DL	150		5.0	3.5	mg/L	5		300.0	Total/NA
Barium	0.050		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Cobalt	0.0015	J	0.0025	0.00040	mg/L	5		6020	Total Recoverable
Calcium	39		0.25	0.13	mg/L	5		6020	Total Recoverable
Boron	0.66		0.050	0.021	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	310		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FB-1 (PA)

Lab Sample ID: 400-151220-4

No Detections.

Client Sample ID: FD-1 (PA)

Lab Sample ID: 400-151220-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	9.7		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate - DL	150		5.0	3.5	mg/L	5		300.0	Total/NA
Barium	0.049		0.0025	0.00049	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: FD-1 (PA) (Continued)

Lab Sample ID: 400-151220-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.0015	J	0.0025	0.00040	mg/L	5		6020	Total Recoverable
Calcium	39		0.25	0.13	mg/L	5		6020	Total Recoverable
Boron	0.68		0.050	0.021	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	330		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EB-1 (PA)

Lab Sample ID: 400-151220-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.000074	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA

Client Sample ID: GWA-46

Lab Sample ID: 400-151220-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.6		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.020		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0045		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Vanadium	0.0032		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	6.6		0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	52		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWA-48

Lab Sample ID: 400-151220-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	1.3		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.012		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0050		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Vanadium	0.016		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	13		0.25	0.13	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	86		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-50

Lab Sample ID: 400-151220-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.9		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.011		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0042		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Vanadium	0.0023	J	0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	7.5		0.25	0.13	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWC-50 (Continued)

Lab Sample ID: 400-151220-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.000076	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	96		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWA-21

Lab Sample ID: 400-151220-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.8		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	2.3		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.026		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0014	J	0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	9.3		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0011	J	0.0025	0.0011	mg/L	5		6020	Total Recoverable
Cobalt	0.00088	J	0.0025	0.00040	mg/L	5		6020	Total Recoverable
Mercury	0.000070	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	94		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWA-22

Lab Sample ID: 400-151220-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.9		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.022		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0029		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	8.7		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0088		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	56		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWA-29

Lab Sample ID: 400-151220-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.1		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	2.4		1.0	0.70	mg/L	1		300.0	Total/NA
Nickel	0.0037		0.0025	0.0018	mg/L	5		6020	Total Recoverable
Barium	0.015		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0037		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	11		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0013	J	0.0025	0.0011	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	58		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-51

Lab Sample ID: 400-151220-13

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWC-51 (Continued)

Lab Sample ID: 400-151220-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.6		1.0	0.89	mg/L	1		300.0	Total/NA
Nickel	0.0021	J	0.0025	0.0018	mg/L	5		6020	Total Recoverable
Barium	0.0094		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0040		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	7.0		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0028		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	72		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-52

Lab Sample ID: 400-151220-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.8		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	20		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.013		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0096		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	15		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.012		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Lead	0.0034		0.0013	0.00035	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	98		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-53

Lab Sample ID: 400-151220-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	11		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate - DL	160		5.0	3.5	mg/L	5		300.0	Total/NA
Nickel	0.0075		0.0025	0.0018	mg/L	5		6020	Total Recoverable
Barium	0.050		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Zinc	0.016	J	0.020	0.0065	mg/L	5		6020	Total Recoverable
Calcium	19		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0014	J	0.0025	0.0011	mg/L	5		6020	Total Recoverable
Cobalt	0.0069		0.0025	0.00040	mg/L	5		6020	Total Recoverable
Boron - DL	0.91		0.10	0.042	mg/L	10		6020	Total Recoverable
Mercury	0.000076	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	240		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EB-2 (PA)

Lab Sample ID: 400-151220-16

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
 SDG: PAC Ash Landfill

Client Sample ID: EB-2 (PA) (Continued)

Lab Sample ID: 400-151220-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.000089	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA

Client Sample ID: FB-2 (PA)

Lab Sample ID: 400-151220-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.000074	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA

Client Sample ID: FD-2 (PA)

Lab Sample ID: 400-151220-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.9		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.022		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0027		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	8.5		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0086		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Mercury	0.000072	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	46		5.0	3.4	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL PEN
6020	Metals (ICP/MS)	SW846	TAL PEN
7470A	Mercury (CVAA)	SW846	TAL PEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PEN

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-151220-1	GWA-47	Water	03/22/18 15:25	03/23/18 11:46
400-151220-2	GWA-49	Water	03/22/18 15:25	03/23/18 11:46
400-151220-3	GWA-45	Water	03/22/18 14:25	03/23/18 11:46
400-151220-4	FB-1 (PA)	Water	03/22/18 13:00	03/23/18 11:46
400-151220-5	FD-1 (PA)	Water	03/22/18 00:00	03/23/18 11:46
400-151220-6	EB-1 (PA)	Water	03/22/18 16:05	03/23/18 11:46
400-151220-7	GWA-46	Water	03/23/18 10:15	03/24/18 08:17
400-151220-8	GWA-48	Water	03/23/18 09:55	03/24/18 08:17
400-151220-9	GWC-50	Water	03/23/18 11:10	03/24/18 08:17
400-151220-10	GWA-21	Water	03/26/18 14:15	03/28/18 09:44
400-151220-11	GWA-22	Water	03/26/18 10:50	03/28/18 09:44
400-151220-12	GWA-29	Water	03/26/18 15:15	03/28/18 09:44
400-151220-13	GWC-51	Water	03/26/18 10:50	03/28/18 09:44
400-151220-14	GWC-52	Water	03/26/18 12:05	03/28/18 09:44
400-151220-15	GWC-53	Water	03/26/18 14:15	03/28/18 09:44
400-151220-16	EB-2 (PA)	Water	03/26/18 15:45	03/28/18 09:44
400-151220-17	FB-2 (PA)	Water	03/26/18 10:30	03/28/18 09:44
400-151220-18	FD-2 (PA)	Water	03/26/18 00:00	03/28/18 09:44

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-47
Date Collected: 03/22/18 15:25
Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-1
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.3		1.0	0.89	mg/L			04/05/18 09:31	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 09:31	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 09:31	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/29/18 00:16	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/29/18 00:16	5
Barium	0.024		0.0025	0.00049	mg/L		03/28/18 12:33	03/29/18 00:16	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:16	5
Chromium	0.0074		0.0025	0.0011	mg/L		03/28/18 12:33	03/29/18 00:16	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/28/18 12:33	03/29/18 00:16	5
Lead	0.00096	J	0.0013	0.00035	mg/L		03/28/18 12:33	03/29/18 00:16	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/29/18 00:16	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/29/18 00:16	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:16	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/29/18 00:16	5
Vanadium	0.0068		0.0025	0.0014	mg/L		03/28/18 12:33	03/29/18 00:16	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/29/18 00:16	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/29/18 00:16	5
Calcium	11		0.25	0.13	mg/L		03/28/18 12:33	03/29/18 00:16	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/29/18 00:16	5
Boron	<0.021		0.050	0.021	mg/L		03/28/18 12:33	03/29/18 00:16	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 16:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	92		5.0	3.4	mg/L			03/27/18 13:11	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-49
Date Collected: 03/22/18 15:25
Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-2
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.9		1.0	0.89	mg/L			04/05/18 20:56	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 20:56	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 20:56	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/29/18 00:20	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/29/18 00:20	5
Barium	0.018		0.0025	0.00049	mg/L		03/28/18 12:33	03/29/18 00:20	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:20	5
Chromium	0.0051		0.0025	0.0011	mg/L		03/28/18 12:33	03/29/18 00:20	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/28/18 12:33	03/29/18 00:20	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/29/18 00:20	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/29/18 00:20	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/29/18 00:20	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:20	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/29/18 00:20	5
Vanadium	0.018		0.0025	0.0014	mg/L		03/28/18 12:33	03/29/18 00:20	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/29/18 00:20	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/29/18 00:20	5
Calcium	14		0.25	0.13	mg/L		03/28/18 12:33	03/29/18 00:20	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/29/18 00:20	5
Boron	<0.021		0.050	0.021	mg/L		03/28/18 12:33	03/29/18 00:20	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 16:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	100		5.0	3.4	mg/L			03/27/18 13:11	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-45
Date Collected: 03/22/18 14:25
Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-3
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.7		1.0	0.89	mg/L			04/05/18 11:03	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 11:03	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	150		5.0	3.5	mg/L			04/05/18 22:51	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/29/18 00:25	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/29/18 00:25	5
Barium	0.050		0.0025	0.00049	mg/L		03/28/18 12:33	03/29/18 00:25	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:25	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/29/18 00:25	5
Cobalt	0.0015	J	0.0025	0.00040	mg/L		03/28/18 12:33	03/29/18 00:25	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/29/18 00:25	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/29/18 00:25	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/29/18 00:25	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:25	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/29/18 00:25	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/28/18 12:33	03/29/18 00:25	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/29/18 00:25	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/29/18 00:25	5
Calcium	39		0.25	0.13	mg/L		03/28/18 12:33	03/29/18 00:25	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/29/18 00:25	5
Boron	0.66		0.050	0.021	mg/L		03/28/18 12:33	03/29/18 00:25	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 16:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	310		5.0	3.4	mg/L			03/27/18 13:11	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: FB-1 (PA)

Date Collected: 03/22/18 13:00

Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-4

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/05/18 11:26	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 11:26	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 11:26	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/29/18 00:29	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/29/18 00:29	5
Barium	<0.00049		0.0025	0.00049	mg/L		03/28/18 12:33	03/29/18 00:29	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:29	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/29/18 00:29	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/28/18 12:33	03/29/18 00:29	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/29/18 00:29	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/29/18 00:29	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/29/18 00:29	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:29	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/29/18 00:29	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/28/18 12:33	03/29/18 00:29	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/29/18 00:29	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/29/18 00:29	5
Calcium	<0.13		0.25	0.13	mg/L		03/28/18 12:33	03/29/18 00:29	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/29/18 00:29	5
Boron	<0.021		0.050	0.021	mg/L		03/28/18 12:33	03/29/18 00:29	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 16:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/27/18 13:11	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: FD-1 (PA)

Lab Sample ID: 400-151220-5

Date Collected: 03/22/18 00:00

Matrix: Water

Date Received: 03/23/18 11:46

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.7		1.0	0.89	mg/L			04/05/18 11:48	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 11:48	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	150		5.0	3.5	mg/L			04/05/18 23:14	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/29/18 00:34	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/29/18 00:34	5
Barium	0.049		0.0025	0.00049	mg/L		03/28/18 12:33	03/29/18 00:34	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:34	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/29/18 00:34	5
Cobalt	0.0015	J	0.0025	0.00040	mg/L		03/28/18 12:33	03/29/18 00:34	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/29/18 00:34	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/29/18 00:34	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/29/18 00:34	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:34	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/29/18 00:34	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/28/18 12:33	03/29/18 00:34	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/29/18 00:34	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/29/18 00:34	5
Calcium	39		0.25	0.13	mg/L		03/28/18 12:33	03/29/18 00:34	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/29/18 00:34	5
Boron	0.68		0.050	0.021	mg/L		03/28/18 12:33	03/29/18 00:34	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 16:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	330		5.0	3.4	mg/L			03/27/18 13:11	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: EB-1 (PA)

Lab Sample ID: 400-151220-6

Date Collected: 03/22/18 16:05

Matrix: Water

Date Received: 03/23/18 11:46

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/05/18 16:45	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 16:45	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 16:45	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/29/18 00:38	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/29/18 00:38	5
Barium	<0.00049		0.0025	0.00049	mg/L		03/28/18 12:33	03/29/18 00:38	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:38	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/29/18 00:38	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/28/18 12:33	03/29/18 00:38	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/29/18 00:38	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/29/18 00:38	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/29/18 00:38	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:38	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/29/18 00:38	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/28/18 12:33	03/29/18 00:38	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/29/18 00:38	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/29/18 00:38	5
Calcium	<0.13		0.25	0.13	mg/L		03/28/18 12:33	03/29/18 00:38	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/29/18 00:38	5
Boron	<0.021		0.050	0.021	mg/L		03/28/18 12:33	03/29/18 00:38	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000074	J B	0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 16:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/27/18 13:11	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-46
Date Collected: 03/23/18 10:15
Date Received: 03/24/18 08:17

Lab Sample ID: 400-151220-7
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.6		1.0	0.89	mg/L			04/05/18 17:08	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 17:08	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 17:08	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/29/18 00:43	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/29/18 00:43	5
Barium	0.020		0.0025	0.00049	mg/L		03/28/18 12:33	03/29/18 00:43	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:43	5
Chromium	0.0045		0.0025	0.0011	mg/L		03/28/18 12:33	03/29/18 00:43	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/28/18 12:33	03/29/18 00:43	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/29/18 00:43	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/29/18 00:43	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/29/18 00:43	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:43	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/29/18 00:43	5
Vanadium	0.0032		0.0025	0.0014	mg/L		03/28/18 12:33	03/29/18 00:43	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/29/18 00:43	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/29/18 00:43	5
Calcium	6.6		0.25	0.13	mg/L		03/28/18 12:33	03/29/18 00:43	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/29/18 00:43	5
Boron	<0.021		0.050	0.021	mg/L		03/28/18 12:33	03/29/18 00:43	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 16:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	52		5.0	3.4	mg/L			03/26/18 12:25	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-48
Date Collected: 03/23/18 09:55
Date Received: 03/24/18 08:17

Lab Sample ID: 400-151220-8
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.89	mg/L			04/05/18 19:25	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 19:25	1
Sulfate	1.3		1.0	0.70	mg/L			04/05/18 19:25	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/29/18 00:47	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/29/18 00:47	5
Barium	0.012		0.0025	0.00049	mg/L		03/28/18 12:33	03/29/18 00:47	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:47	5
Chromium	0.0050		0.0025	0.0011	mg/L		03/28/18 12:33	03/29/18 00:47	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/28/18 12:33	03/29/18 00:47	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/29/18 00:47	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/29/18 00:47	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/29/18 00:47	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:47	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/29/18 00:47	5
Vanadium	0.016		0.0025	0.0014	mg/L		03/28/18 12:33	03/29/18 00:47	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/29/18 00:47	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/29/18 00:47	5
Calcium	13		0.25	0.13	mg/L		03/28/18 12:33	03/29/18 00:47	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/29/18 00:47	5
Boron	<0.021		0.050	0.021	mg/L		03/28/18 12:33	03/29/18 00:47	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 17:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	86		5.0	3.4	mg/L			03/26/18 12:25	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWC-50
Date Collected: 03/23/18 11:10
Date Received: 03/24/18 08:17

Lab Sample ID: 400-151220-9
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.9		1.0	0.89	mg/L			04/05/18 20:34	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 20:34	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 20:34	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/29/18 01:14	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/29/18 01:14	5
Barium	0.011		0.0025	0.00049	mg/L		03/28/18 12:33	03/29/18 01:14	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 01:14	5
Chromium	0.0042		0.0025	0.0011	mg/L		03/28/18 12:33	03/29/18 01:14	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/28/18 12:33	03/29/18 01:14	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/29/18 01:14	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/29/18 01:14	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/29/18 01:14	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 01:14	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/29/18 01:14	5
Vanadium	0.0023	J	0.0025	0.0014	mg/L		03/28/18 12:33	03/29/18 01:14	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/29/18 01:14	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/29/18 01:14	5
Calcium	7.5		0.25	0.13	mg/L		03/28/18 12:33	03/29/18 01:14	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/29/18 01:14	5
Boron	<0.021		0.050	0.021	mg/L		03/28/18 12:33	03/29/18 01:14	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000076	J B	0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 17:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	96		5.0	3.4	mg/L			03/26/18 12:25	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-21
Date Collected: 03/26/18 14:15
Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-10
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.8		1.0	0.89	mg/L			04/05/18 12:11	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 12:11	1
Sulfate	2.3		1.0	0.70	mg/L			04/05/18 12:11	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/06/18 12:38	04/10/18 04:39	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/06/18 12:38	04/10/18 04:39	5
Arsenic	<0.00046	^	0.0013	0.00046	mg/L		04/06/18 12:38	04/10/18 04:39	5
Nickel	<0.0018		0.0025	0.0018	mg/L		04/06/18 12:38	04/10/18 04:39	5
Barium	0.026		0.0025	0.00049	mg/L		04/06/18 12:38	04/10/18 04:39	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/06/18 12:38	04/10/18 04:39	5
Beryllium	<0.00034	^	0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 04:39	5
Vanadium	0.0014	J	0.0025	0.0014	mg/L		04/06/18 12:38	04/10/18 04:39	5
Boron	<0.021	^	0.050	0.021	mg/L		04/06/18 12:38	04/10/18 04:39	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/06/18 12:38	04/10/18 04:39	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 04:39	5
Calcium	9.3		0.25	0.13	mg/L		04/06/18 12:38	04/10/18 04:39	5
Chromium	0.0011	J	0.0025	0.0011	mg/L		04/06/18 12:38	04/10/18 04:39	5
Cobalt	0.00088	J	0.0025	0.00040	mg/L		04/06/18 12:38	04/10/18 04:39	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/06/18 12:38	04/10/18 04:39	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/06/18 12:38	04/10/18 04:39	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/06/18 12:38	04/10/18 04:39	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000070	J B	0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 17:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	94		5.0	3.4	mg/L			03/29/18 13:49	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-22
Date Collected: 03/26/18 10:50
Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-11
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.9		1.0	0.89	mg/L			04/05/18 12:34	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 12:34	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 12:34	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/06/18 12:38	04/10/18 04:43	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/06/18 12:38	04/10/18 04:43	5
Arsenic	<0.00046	^	0.0013	0.00046	mg/L		04/06/18 12:38	04/10/18 04:43	5
Nickel	<0.0018		0.0025	0.0018	mg/L		04/06/18 12:38	04/10/18 04:43	5
Barium	0.022		0.0025	0.00049	mg/L		04/06/18 12:38	04/10/18 04:43	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/06/18 12:38	04/10/18 04:43	5
Beryllium	<0.00034	^	0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 04:43	5
Vanadium	0.0029		0.0025	0.0014	mg/L		04/06/18 12:38	04/10/18 04:43	5
Boron	<0.021	^	0.050	0.021	mg/L		04/06/18 12:38	04/10/18 04:43	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/06/18 12:38	04/10/18 04:43	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 04:43	5
Calcium	8.7		0.25	0.13	mg/L		04/06/18 12:38	04/10/18 04:43	5
Chromium	0.0088		0.0025	0.0011	mg/L		04/06/18 12:38	04/10/18 04:43	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/06/18 12:38	04/10/18 04:43	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/06/18 12:38	04/10/18 04:43	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/06/18 12:38	04/10/18 04:43	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/06/18 12:38	04/10/18 04:43	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 17:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	56		5.0	3.4	mg/L			03/29/18 13:49	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-29
Date Collected: 03/26/18 15:15
Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-12
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.1		1.0	0.89	mg/L			04/05/18 13:20	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 13:20	1
Sulfate	2.4		1.0	0.70	mg/L			04/05/18 13:20	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/06/18 12:38	04/10/18 04:48	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/06/18 12:38	04/10/18 04:48	5
Arsenic	<0.00046	^	0.0013	0.00046	mg/L		04/06/18 12:38	04/10/18 04:48	5
Nickel	0.0037		0.0025	0.0018	mg/L		04/06/18 12:38	04/10/18 04:48	5
Barium	0.015		0.0025	0.00049	mg/L		04/06/18 12:38	04/10/18 04:48	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/06/18 12:38	04/10/18 04:48	5
Beryllium	<0.00034	^	0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 04:48	5
Vanadium	0.0037		0.0025	0.0014	mg/L		04/06/18 12:38	04/10/18 04:48	5
Boron	<0.021	^	0.050	0.021	mg/L		04/06/18 12:38	04/10/18 04:48	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/06/18 12:38	04/10/18 04:48	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 04:48	5
Calcium	11		0.25	0.13	mg/L		04/06/18 12:38	04/10/18 04:48	5
Chromium	0.0013	J	0.0025	0.0011	mg/L		04/06/18 12:38	04/10/18 04:48	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/06/18 12:38	04/10/18 04:48	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/06/18 12:38	04/10/18 04:48	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/06/18 12:38	04/10/18 04:48	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/06/18 12:38	04/10/18 04:48	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 17:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	58		5.0	3.4	mg/L			03/29/18 13:49	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWC-51
Date Collected: 03/26/18 10:50
Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-13
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.6		1.0	0.89	mg/L			04/05/18 21:19	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 21:19	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 21:19	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/06/18 12:38	04/10/18 04:52	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/06/18 12:38	04/10/18 04:52	5
Arsenic	<0.00046	^	0.0013	0.00046	mg/L		04/06/18 12:38	04/10/18 04:52	5
Nickel	0.0021	J	0.0025	0.0018	mg/L		04/06/18 12:38	04/10/18 04:52	5
Barium	0.0094		0.0025	0.00049	mg/L		04/06/18 12:38	04/10/18 04:52	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/06/18 12:38	04/10/18 04:52	5
Beryllium	<0.00034	^	0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 04:52	5
Vanadium	0.0040		0.0025	0.0014	mg/L		04/06/18 12:38	04/10/18 04:52	5
Boron	<0.021	^	0.050	0.021	mg/L		04/06/18 12:38	04/10/18 04:52	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/06/18 12:38	04/10/18 04:52	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 04:52	5
Calcium	7.0		0.25	0.13	mg/L		04/06/18 12:38	04/10/18 04:52	5
Chromium	0.0028		0.0025	0.0011	mg/L		04/06/18 12:38	04/10/18 04:52	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/06/18 12:38	04/10/18 04:52	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/06/18 12:38	04/10/18 04:52	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/06/18 12:38	04/10/18 04:52	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/06/18 12:38	04/10/18 04:52	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 17:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	72		5.0	3.4	mg/L			03/29/18 13:49	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWC-52
Date Collected: 03/26/18 12:05
Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-14
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.8		1.0	0.89	mg/L			04/05/18 14:05	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 14:05	1
Sulfate	20		1.0	0.70	mg/L			04/05/18 14:05	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/06/18 12:38	04/10/18 04:57	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/06/18 12:38	04/10/18 04:57	5
Arsenic	<0.00046	^	0.0013	0.00046	mg/L		04/06/18 12:38	04/10/18 04:57	5
Nickel	<0.0018		0.0025	0.0018	mg/L		04/06/18 12:38	04/10/18 04:57	5
Barium	0.013		0.0025	0.00049	mg/L		04/06/18 12:38	04/10/18 04:57	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/06/18 12:38	04/10/18 04:57	5
Beryllium	<0.00034	^	0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 04:57	5
Vanadium	0.0096		0.0025	0.0014	mg/L		04/06/18 12:38	04/10/18 04:57	5
Boron	<0.021	^	0.050	0.021	mg/L		04/06/18 12:38	04/10/18 04:57	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/06/18 12:38	04/10/18 04:57	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 04:57	5
Calcium	15		0.25	0.13	mg/L		04/06/18 12:38	04/10/18 04:57	5
Chromium	0.012		0.0025	0.0011	mg/L		04/06/18 12:38	04/10/18 04:57	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/06/18 12:38	04/10/18 04:57	5
Lead	0.0034		0.0013	0.00035	mg/L		04/06/18 12:38	04/10/18 04:57	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/06/18 12:38	04/10/18 04:57	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/06/18 12:38	04/10/18 04:57	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 17:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	98		5.0	3.4	mg/L			03/29/18 13:49	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWC-53
Date Collected: 03/26/18 14:15
Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-15
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		1.0	0.89	mg/L			04/05/18 15:14	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 15:14	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	160		5.0	3.5	mg/L			04/05/18 23:36	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/06/18 12:38	04/10/18 05:01	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/06/18 12:38	04/10/18 05:01	5
Arsenic	<0.00046	^	0.0013	0.00046	mg/L		04/06/18 12:38	04/10/18 05:01	5
Nickel	0.0075		0.0025	0.0018	mg/L		04/06/18 12:38	04/10/18 05:01	5
Barium	0.050		0.0025	0.00049	mg/L		04/06/18 12:38	04/10/18 05:01	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/06/18 12:38	04/10/18 05:01	5
Beryllium	<0.00034	^	0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 05:01	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		04/06/18 12:38	04/10/18 05:01	5
Zinc	0.016	J	0.020	0.0065	mg/L		04/06/18 12:38	04/10/18 05:01	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 05:01	5
Calcium	19		0.25	0.13	mg/L		04/06/18 12:38	04/10/18 05:01	5
Chromium	0.0014	J	0.0025	0.0011	mg/L		04/06/18 12:38	04/10/18 05:01	5
Cobalt	0.0069		0.0025	0.00040	mg/L		04/06/18 12:38	04/10/18 05:01	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/06/18 12:38	04/10/18 05:01	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/06/18 12:38	04/10/18 05:01	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/06/18 12:38	04/10/18 05:01	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.91		0.10	0.042	mg/L		04/06/18 12:38	04/10/18 14:01	10

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000076	J B	0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 17:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	240		5.0	3.4	mg/L			03/29/18 13:49	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: EB-2 (PA)

Date Collected: 03/26/18 15:45

Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-16

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/05/18 15:37	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 15:37	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 15:37	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/06/18 12:38	04/10/18 05:06	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/06/18 12:38	04/10/18 05:06	5
Arsenic	<0.00046	^	0.0013	0.00046	mg/L		04/06/18 12:38	04/10/18 05:06	5
Nickel	<0.0018		0.0025	0.0018	mg/L		04/06/18 12:38	04/10/18 05:06	5
Barium	<0.00049		0.0025	0.00049	mg/L		04/06/18 12:38	04/10/18 05:06	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/06/18 12:38	04/10/18 05:06	5
Beryllium	<0.00034	^	0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 05:06	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		04/06/18 12:38	04/10/18 05:06	5
Boron	<0.021	^	0.050	0.021	mg/L		04/06/18 12:38	04/10/18 05:06	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/06/18 12:38	04/10/18 05:06	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 05:06	5
Calcium	<0.13		0.25	0.13	mg/L		04/06/18 12:38	04/10/18 05:06	5
Chromium	<0.0011		0.0025	0.0011	mg/L		04/06/18 12:38	04/10/18 05:06	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/06/18 12:38	04/10/18 05:06	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/06/18 12:38	04/10/18 05:06	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/06/18 12:38	04/10/18 05:06	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/06/18 12:38	04/10/18 05:06	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000089	J B	0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 17:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/29/18 13:49	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: FB-2 (PA)

Date Collected: 03/26/18 10:30

Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-17

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/05/18 16:00	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 16:00	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 16:00	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/06/18 12:38	04/10/18 05:10	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/06/18 12:38	04/10/18 05:10	5
Arsenic	<0.00046	^	0.0013	0.00046	mg/L		04/06/18 12:38	04/10/18 05:10	5
Nickel	<0.0018		0.0025	0.0018	mg/L		04/06/18 12:38	04/10/18 05:10	5
Barium	<0.00049		0.0025	0.00049	mg/L		04/06/18 12:38	04/10/18 05:10	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/06/18 12:38	04/10/18 05:10	5
Beryllium	<0.00034	^	0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 05:10	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		04/06/18 12:38	04/10/18 05:10	5
Boron	<0.021	^	0.050	0.021	mg/L		04/06/18 12:38	04/10/18 05:10	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/06/18 12:38	04/10/18 05:10	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 05:10	5
Calcium	<0.13		0.25	0.13	mg/L		04/06/18 12:38	04/10/18 05:10	5
Chromium	<0.0011		0.0025	0.0011	mg/L		04/06/18 12:38	04/10/18 05:10	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/06/18 12:38	04/10/18 05:10	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/06/18 12:38	04/10/18 05:10	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/06/18 12:38	04/10/18 05:10	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/06/18 12:38	04/10/18 05:10	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000074	J B	0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 17:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/29/18 13:49	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: FD-2 (PA)

Date Collected: 03/26/18 00:00

Date Received: 03/28/18 09:44

Lab Sample ID: 400-151220-18

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.9		1.0	0.89	mg/L			04/05/18 16:22	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 16:22	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 16:22	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/06/18 12:38	04/10/18 05:37	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/06/18 12:38	04/10/18 05:37	5
Arsenic	<0.00046	^	0.0013	0.00046	mg/L		04/06/18 12:38	04/10/18 05:37	5
Nickel	<0.0018		0.0025	0.0018	mg/L		04/06/18 12:38	04/10/18 05:37	5
Barium	0.022		0.0025	0.00049	mg/L		04/06/18 12:38	04/10/18 05:37	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/06/18 12:38	04/10/18 05:37	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 05:37	5
Vanadium	0.0027		0.0025	0.0014	mg/L		04/06/18 12:38	04/10/18 05:37	5
Boron	<0.021	^	0.050	0.021	mg/L		04/06/18 12:38	04/10/18 05:37	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/06/18 12:38	04/10/18 05:37	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 05:37	5
Calcium	8.5		0.25	0.13	mg/L		04/06/18 12:38	04/10/18 05:37	5
Chromium	0.0086		0.0025	0.0011	mg/L		04/06/18 12:38	04/10/18 05:37	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/06/18 12:38	04/10/18 05:37	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/06/18 12:38	04/10/18 05:37	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/06/18 12:38	04/10/18 05:37	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/06/18 12:38	04/10/18 05:37	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000072	J B	0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 17:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	46		5.0	3.4	mg/L			03/29/18 13:49	1

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
B	Compound was found in the blank and sample.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD Recovery is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-47

Date Collected: 03/22/18 15:25

Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 09:31	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/29/18 00:16	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 16:30	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391575	03/27/18 13:11	RRC	TAL PEN

Client Sample ID: GWA-49

Date Collected: 03/22/18 15:25

Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/05/18 20:56	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/29/18 00:20	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 16:38	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391575	03/27/18 13:11	RRC	TAL PEN

Client Sample ID: GWA-45

Date Collected: 03/22/18 14:25

Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 11:03	JAW	TAL PEN
Total/NA	Analysis	300.0	DL	5	392922	04/05/18 22:51	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/29/18 00:25	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 16:40	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391575	03/27/18 13:11	RRC	TAL PEN

Client Sample ID: FB-1 (PA)

Date Collected: 03/22/18 13:00

Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 11:26	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/29/18 00:29	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 16:42	JAP	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: FB-1 (PA)

Date Collected: 03/22/18 13:00

Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	391575	03/27/18 13:11	RRC	TAL PEN

Client Sample ID: FD-1 (PA)

Date Collected: 03/22/18 00:00

Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 11:48	JAW	TAL PEN
Total/NA	Analysis	300.0	DL	5	392922	04/05/18 23:14	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/29/18 00:34	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 16:44	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391575	03/27/18 13:11	RRC	TAL PEN

Client Sample ID: EB-1 (PA)

Date Collected: 03/22/18 16:05

Date Received: 03/23/18 11:46

Lab Sample ID: 400-151220-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 16:45	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/29/18 00:38	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 16:57	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391575	03/27/18 13:11	RRC	TAL PEN

Client Sample ID: GWA-46

Date Collected: 03/23/18 10:15

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151220-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 17:08	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/29/18 00:43	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 16:58	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391438	03/26/18 12:25	RRC	TAL PEN

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-48

Lab Sample ID: 400-151220-8

Date Collected: 03/23/18 09:55

Matrix: Water

Date Received: 03/24/18 08:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/05/18 19:25	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/29/18 00:47	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 17:00	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391438	03/26/18 12:25	RRC	TAL PEN

Client Sample ID: GWC-50

Lab Sample ID: 400-151220-9

Date Collected: 03/23/18 11:10

Matrix: Water

Date Received: 03/24/18 08:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/05/18 20:34	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/29/18 01:14	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 17:02	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391438	03/26/18 12:25	RRC	TAL PEN

Client Sample ID: GWA-21

Lab Sample ID: 400-151220-10

Date Collected: 03/26/18 14:15

Matrix: Water

Date Received: 03/28/18 09:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 12:11	JAW	TAL PEN
Total Recoverable	Prep	3005A			392993	04/06/18 12:38	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393373	04/10/18 04:39	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 17:03	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391992	03/29/18 13:49	RRC	TAL PEN

Client Sample ID: GWA-22

Lab Sample ID: 400-151220-11

Date Collected: 03/26/18 10:50

Matrix: Water

Date Received: 03/28/18 09:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 12:34	JAW	TAL PEN
Total Recoverable	Prep	3005A			392993	04/06/18 12:38	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393373	04/10/18 04:43	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 17:05	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391992	03/29/18 13:49	RRC	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWA-29

Lab Sample ID: 400-151220-12

Date Collected: 03/26/18 15:15

Matrix: Water

Date Received: 03/28/18 09:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 13:20	JAW	TAL PEN
Total Recoverable	Prep	3005A			392993	04/06/18 12:38	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393373	04/10/18 04:48	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 17:07	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391992	03/29/18 13:49	RRC	TAL PEN

Client Sample ID: GWC-51

Lab Sample ID: 400-151220-13

Date Collected: 03/26/18 10:50

Matrix: Water

Date Received: 03/28/18 09:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/05/18 21:19	JAW	TAL PEN
Total Recoverable	Prep	3005A			392993	04/06/18 12:38	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393373	04/10/18 04:52	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 17:09	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391992	03/29/18 13:49	RRC	TAL PEN

Client Sample ID: GWC-52

Lab Sample ID: 400-151220-14

Date Collected: 03/26/18 12:05

Matrix: Water

Date Received: 03/28/18 09:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 14:05	JAW	TAL PEN
Total Recoverable	Prep	3005A			392993	04/06/18 12:38	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393373	04/10/18 04:57	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 17:10	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391992	03/29/18 13:49	RRC	TAL PEN

Client Sample ID: GWC-53

Lab Sample ID: 400-151220-15

Date Collected: 03/26/18 14:15

Matrix: Water

Date Received: 03/28/18 09:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 15:14	JAW	TAL PEN
Total/NA	Analysis	300.0	DL	5	392922	04/05/18 23:36	JAW	TAL PEN
Total Recoverable	Prep	3005A			392993	04/06/18 12:38	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393373	04/10/18 05:01	DRE	TAL PEN
Total Recoverable	Prep	3005A	DL		392993	04/06/18 12:38	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	10	393442	04/10/18 14:01	DRE	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Client Sample ID: GWC-53

Lab Sample ID: 400-151220-15

Date Collected: 03/26/18 14:15

Matrix: Water

Date Received: 03/28/18 09:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 17:12	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391992	03/29/18 13:49	RRC	TAL PEN

Client Sample ID: EB-2 (PA)

Lab Sample ID: 400-151220-16

Date Collected: 03/26/18 15:45

Matrix: Water

Date Received: 03/28/18 09:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 15:37	JAW	TAL PEN
Total Recoverable	Prep	3005A			392993	04/06/18 12:38	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393373	04/10/18 05:06	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 17:23	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391992	03/29/18 13:49	RRC	TAL PEN

Client Sample ID: FB-2 (PA)

Lab Sample ID: 400-151220-17

Date Collected: 03/26/18 10:30

Matrix: Water

Date Received: 03/28/18 09:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 16:00	JAW	TAL PEN
Total Recoverable	Prep	3005A			392993	04/06/18 12:38	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393373	04/10/18 05:10	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 17:25	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391992	03/29/18 13:49	RRC	TAL PEN

Client Sample ID: FD-2 (PA)

Lab Sample ID: 400-151220-18

Date Collected: 03/26/18 00:00

Matrix: Water

Date Received: 03/28/18 09:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392771	04/05/18 16:22	JAW	TAL PEN
Total Recoverable	Prep	3005A			392993	04/06/18 12:38	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393373	04/10/18 05:37	DRE	TAL PEN
Total/NA	Prep	7470A			393340	04/10/18 09:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	393601	04/11/18 17:26	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391992	03/29/18 13:49	RRC	TAL PEN

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

HPLC/IC

Analysis Batch: 392771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-1	GWA-47	Total/NA	Water	300.0	
400-151220-3	GWA-45	Total/NA	Water	300.0	
400-151220-4	FB-1 (PA)	Total/NA	Water	300.0	
400-151220-5	FD-1 (PA)	Total/NA	Water	300.0	
400-151220-6	EB-1 (PA)	Total/NA	Water	300.0	
400-151220-7	GWA-46	Total/NA	Water	300.0	
400-151220-10	GWA-21	Total/NA	Water	300.0	
400-151220-11	GWA-22	Total/NA	Water	300.0	
400-151220-12	GWA-29	Total/NA	Water	300.0	
400-151220-14	GWC-52	Total/NA	Water	300.0	
400-151220-15	GWC-53	Total/NA	Water	300.0	
400-151220-16	EB-2 (PA)	Total/NA	Water	300.0	
400-151220-17	FB-2 (PA)	Total/NA	Water	300.0	
400-151220-18	FD-2 (PA)	Total/NA	Water	300.0	
MB 400-392771/4	Method Blank	Total/NA	Water	300.0	
LCS 400-392771/5	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-392771/6	Lab Control Sample Dup	Total/NA	Water	300.0	
400-151170-A-12 MS	Matrix Spike	Total/NA	Water	300.0	
400-151170-A-12 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 392922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-2	GWA-49	Total/NA	Water	300.0	
400-151220-3 - DL	GWA-45	Total/NA	Water	300.0	
400-151220-5 - DL	FD-1 (PA)	Total/NA	Water	300.0	
400-151220-8	GWA-48	Total/NA	Water	300.0	
400-151220-9	GWC-50	Total/NA	Water	300.0	
400-151220-13	GWC-51	Total/NA	Water	300.0	
400-151220-15 - DL	GWC-53	Total/NA	Water	300.0	
MB 400-392922/36	Method Blank	Total/NA	Water	300.0	
LCS 400-392922/37	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-392922/38	Lab Control Sample Dup	Total/NA	Water	300.0	
400-151220-8 MS	GWA-48	Total/NA	Water	300.0	
400-151220-8 MSD	GWA-48	Total/NA	Water	300.0	

Metals

Prep Batch: 391845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-1	GWA-47	Total Recoverable	Water	3005A	
400-151220-2	GWA-49	Total Recoverable	Water	3005A	
400-151220-3	GWA-45	Total Recoverable	Water	3005A	
400-151220-4	FB-1 (PA)	Total Recoverable	Water	3005A	
400-151220-5	FD-1 (PA)	Total Recoverable	Water	3005A	
400-151220-6	EB-1 (PA)	Total Recoverable	Water	3005A	
400-151220-7	GWA-46	Total Recoverable	Water	3005A	
400-151220-8	GWA-48	Total Recoverable	Water	3005A	
400-151220-9	GWC-50	Total Recoverable	Water	3005A	
MB 400-391845/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-391845/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Metals (Continued)

Prep Batch: 391845 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-G-1-B MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-151322-G-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 391973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-1	GWA-47	Total Recoverable	Water	6020	391845
400-151220-2	GWA-49	Total Recoverable	Water	6020	391845
400-151220-3	GWA-45	Total Recoverable	Water	6020	391845
400-151220-4	FB-1 (PA)	Total Recoverable	Water	6020	391845
400-151220-5	FD-1 (PA)	Total Recoverable	Water	6020	391845
400-151220-6	EB-1 (PA)	Total Recoverable	Water	6020	391845
400-151220-7	GWA-46	Total Recoverable	Water	6020	391845
400-151220-8	GWA-48	Total Recoverable	Water	6020	391845
400-151220-9	GWC-50	Total Recoverable	Water	6020	391845
MB 400-391845/1-A ^5	Method Blank	Total Recoverable	Water	6020	391845
LCS 400-391845/2-A	Lab Control Sample	Total Recoverable	Water	6020	391845
400-151322-G-1-B MS ^5	Matrix Spike	Total Recoverable	Water	6020	391845
400-151322-G-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	391845

Prep Batch: 392993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-10	GWA-21	Total Recoverable	Water	3005A	
400-151220-11	GWA-22	Total Recoverable	Water	3005A	
400-151220-12	GWA-29	Total Recoverable	Water	3005A	
400-151220-13	GWC-51	Total Recoverable	Water	3005A	
400-151220-14	GWC-52	Total Recoverable	Water	3005A	
400-151220-15	GWC-53	Total Recoverable	Water	3005A	
400-151220-15 - DL	GWC-53	Total Recoverable	Water	3005A	
400-151220-16	EB-2 (PA)	Total Recoverable	Water	3005A	
400-151220-17	FB-2 (PA)	Total Recoverable	Water	3005A	
400-151220-18	FD-2 (PA)	Total Recoverable	Water	3005A	
MB 400-392993/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-392993/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-151541-C-5-B MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-151541-C-5-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 393340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-1	GWA-47	Total/NA	Water	7470A	
400-151220-2	GWA-49	Total/NA	Water	7470A	
400-151220-3	GWA-45	Total/NA	Water	7470A	
400-151220-4	FB-1 (PA)	Total/NA	Water	7470A	
400-151220-5	FD-1 (PA)	Total/NA	Water	7470A	
400-151220-6	EB-1 (PA)	Total/NA	Water	7470A	
400-151220-7	GWA-46	Total/NA	Water	7470A	
400-151220-8	GWA-48	Total/NA	Water	7470A	
400-151220-9	GWC-50	Total/NA	Water	7470A	
400-151220-10	GWA-21	Total/NA	Water	7470A	
400-151220-11	GWA-22	Total/NA	Water	7470A	
400-151220-12	GWA-29	Total/NA	Water	7470A	
400-151220-13	GWC-51	Total/NA	Water	7470A	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Metals (Continued)

Prep Batch: 393340 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-14	GWC-52	Total/NA	Water	7470A	
400-151220-15	GWC-53	Total/NA	Water	7470A	
400-151220-16	EB-2 (PA)	Total/NA	Water	7470A	
400-151220-17	FB-2 (PA)	Total/NA	Water	7470A	
400-151220-18	FD-2 (PA)	Total/NA	Water	7470A	
MB 400-393340/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-393340/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-151220-1 MS	GWA-47	Total/NA	Water	7470A	
400-151220-1 MSD	GWA-47	Total/NA	Water	7470A	

Analysis Batch: 393373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-10	GWA-21	Total Recoverable	Water	6020	392993
400-151220-11	GWA-22	Total Recoverable	Water	6020	392993
400-151220-12	GWA-29	Total Recoverable	Water	6020	392993
400-151220-13	GWC-51	Total Recoverable	Water	6020	392993
400-151220-14	GWC-52	Total Recoverable	Water	6020	392993
400-151220-15	GWC-53	Total Recoverable	Water	6020	392993
400-151220-16	EB-2 (PA)	Total Recoverable	Water	6020	392993
400-151220-17	FB-2 (PA)	Total Recoverable	Water	6020	392993
400-151220-18	FD-2 (PA)	Total Recoverable	Water	6020	392993
MB 400-392993/1-A ^5	Method Blank	Total Recoverable	Water	6020	392993
400-151541-C-5-B MS ^5	Matrix Spike	Total Recoverable	Water	6020	392993
400-151541-C-5-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	392993

Analysis Batch: 393442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-15 - DL	GWC-53	Total Recoverable	Water	6020	392993
LCS 400-392993/2-A	Lab Control Sample	Total Recoverable	Water	6020	392993

Analysis Batch: 393601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-1	GWA-47	Total/NA	Water	7470A	393340
400-151220-2	GWA-49	Total/NA	Water	7470A	393340
400-151220-3	GWA-45	Total/NA	Water	7470A	393340
400-151220-4	FB-1 (PA)	Total/NA	Water	7470A	393340
400-151220-5	FD-1 (PA)	Total/NA	Water	7470A	393340
400-151220-6	EB-1 (PA)	Total/NA	Water	7470A	393340
400-151220-7	GWA-46	Total/NA	Water	7470A	393340
400-151220-8	GWA-48	Total/NA	Water	7470A	393340
400-151220-9	GWC-50	Total/NA	Water	7470A	393340
400-151220-10	GWA-21	Total/NA	Water	7470A	393340
400-151220-11	GWA-22	Total/NA	Water	7470A	393340
400-151220-12	GWA-29	Total/NA	Water	7470A	393340
400-151220-13	GWC-51	Total/NA	Water	7470A	393340
400-151220-14	GWC-52	Total/NA	Water	7470A	393340
400-151220-15	GWC-53	Total/NA	Water	7470A	393340
400-151220-16	EB-2 (PA)	Total/NA	Water	7470A	393340
400-151220-17	FB-2 (PA)	Total/NA	Water	7470A	393340
400-151220-18	FD-2 (PA)	Total/NA	Water	7470A	393340
MB 400-393340/14-A	Method Blank	Total/NA	Water	7470A	393340

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Metals (Continued)

Analysis Batch: 393601 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-393340/15-A	Lab Control Sample	Total/NA	Water	7470A	393340
400-151220-1 MS	GWA-47	Total/NA	Water	7470A	393340
400-151220-1 MSD	GWA-47	Total/NA	Water	7470A	393340

General Chemistry

Analysis Batch: 391438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-7	GWA-46	Total/NA	Water	SM 2540C	
400-151220-8	GWA-48	Total/NA	Water	SM 2540C	
400-151220-9	GWC-50	Total/NA	Water	SM 2540C	
MB 400-391438/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-391438/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-151189-B-1 DU	Duplicate	Total/NA	Water	SM 2540C	
400-151191-B-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 391575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-1	GWA-47	Total/NA	Water	SM 2540C	
400-151220-2	GWA-49	Total/NA	Water	SM 2540C	
400-151220-3	GWA-45	Total/NA	Water	SM 2540C	
400-151220-4	FB-1 (PA)	Total/NA	Water	SM 2540C	
400-151220-5	FD-1 (PA)	Total/NA	Water	SM 2540C	
400-151220-6	EB-1 (PA)	Total/NA	Water	SM 2540C	
MB 400-391575/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-391575/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-151170-A-23 DU	Duplicate	Total/NA	Water	SM 2540C	
400-151170-A-26 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 391992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151220-10	GWA-21	Total/NA	Water	SM 2540C	
400-151220-11	GWA-22	Total/NA	Water	SM 2540C	
400-151220-12	GWA-29	Total/NA	Water	SM 2540C	
400-151220-13	GWC-51	Total/NA	Water	SM 2540C	
400-151220-14	GWC-52	Total/NA	Water	SM 2540C	
400-151220-15	GWC-53	Total/NA	Water	SM 2540C	
400-151220-16	EB-2 (PA)	Total/NA	Water	SM 2540C	
400-151220-17	FB-2 (PA)	Total/NA	Water	SM 2540C	
400-151220-18	FD-2 (PA)	Total/NA	Water	SM 2540C	
MB 400-391992/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-391992/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-151220-14 DU	GWC-52	Total/NA	Water	SM 2540C	

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-392771/4
Matrix: Water
Analysis Batch: 392771

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/05/18 06:06	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 06:06	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 06:06	1

Lab Sample ID: LCS 400-392771/5
Matrix: Water
Analysis Batch: 392771

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.60		mg/L		96	90 - 110
Fluoride	10.0	10.0		mg/L		100	90 - 110
Sulfate	10.0	9.98		mg/L		100	90 - 110

Lab Sample ID: LCSD 400-392771/6
Matrix: Water
Analysis Batch: 392771

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.61		mg/L		96	90 - 110	0	15
Fluoride	10.0	10.0		mg/L		100	90 - 110	0	15
Sulfate	10.0	9.99		mg/L		100	90 - 110	0	15

Lab Sample ID: 400-151170-A-12 MS
Matrix: Water
Analysis Batch: 392771

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	3.6		10.0	13.2		mg/L		96	80 - 120
Fluoride	<0.082		10.0	10.0		mg/L		100	80 - 120
Sulfate	12		10.0	21.6		mg/L		101	80 - 120

Lab Sample ID: 400-151170-A-12 MSD
Matrix: Water
Analysis Batch: 392771

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	3.6		10.0	13.3		mg/L		96	80 - 120	0	20
Fluoride	<0.082		10.0	9.96		mg/L		100	80 - 120	0	20
Sulfate	12		10.0	21.6		mg/L		101	80 - 120	0	20

Lab Sample ID: MB 400-392922/36
Matrix: Water
Analysis Batch: 392922

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/05/18 18:17	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 18:17	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 18:17	1

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 400-392922/37
Matrix: Water
Analysis Batch: 392922

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.45		mg/L		94	90 - 110
Fluoride	10.0	9.83		mg/L		98	90 - 110
Sulfate	10.0	9.84		mg/L		98	90 - 110

Lab Sample ID: LCSD 400-392922/38
Matrix: Water
Analysis Batch: 392922

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.37		mg/L		94	90 - 110	1	15
Fluoride	10.0	9.83		mg/L		98	90 - 110	0	15
Sulfate	10.0	9.87		mg/L		99	90 - 110	0	15

Lab Sample ID: 400-151220-8 MS
Matrix: Water
Analysis Batch: 392922

Client Sample ID: GWA-48
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1.6		10.0	11.3		mg/L		96	80 - 120
Fluoride	<0.082		10.0	9.93		mg/L		99	80 - 120
Sulfate	1.3		10.0	11.6		mg/L		103	80 - 120

Lab Sample ID: 400-151220-8 MSD
Matrix: Water
Analysis Batch: 392922

Client Sample ID: GWA-48
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1.6		10.0	11.3		mg/L		96	80 - 120	0	20
Fluoride	<0.082		10.0	10.0		mg/L		100	80 - 120	1	20
Sulfate	1.3		10.0	11.7		mg/L		104	80 - 120	1	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-391845/1-A ^5
Matrix: Water
Analysis Batch: 391973

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 391845

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/28/18 22:24	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/28/18 22:24	5
Barium	<0.00049		0.0025	0.00049	mg/L		03/28/18 12:33	03/28/18 22:24	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 22:24	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/28/18 22:24	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/28/18 12:33	03/28/18 22:24	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/28/18 22:24	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/28/18 22:24	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/28/18 22:24	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 22:24	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/28/18 22:24	5

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 400-391845/1-A ^5
Matrix: Water
Analysis Batch: 391973

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 391845

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/28/18 12:33	03/28/18 22:24	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/28/18 22:24	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/28/18 22:24	5
Calcium	<0.13		0.25	0.13	mg/L		03/28/18 12:33	03/28/18 22:24	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/28/18 22:24	5
Boron	<0.021		0.050	0.021	mg/L		03/28/18 12:33	03/28/18 22:24	5

Lab Sample ID: LCS 400-391845/2-A
Matrix: Water
Analysis Batch: 391973

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 391845

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0512		mg/L		102	80 - 120
Arsenic	0.0500	0.0484		mg/L		97	80 - 120
Barium	0.0500	0.0499		mg/L		100	80 - 120
Beryllium	0.0500	0.0503		mg/L		101	80 - 120
Chromium	0.0500	0.0498		mg/L		100	80 - 120
Cobalt	0.0500	0.0490		mg/L		98	80 - 120
Lead	0.0500	0.0509		mg/L		102	80 - 120
Selenium	0.0500	0.0486		mg/L		97	80 - 120
Thallium	0.0100	0.0101		mg/L		101	80 - 120
Cadmium	0.0500	0.0495		mg/L		99	80 - 120
Nickel	0.0500	0.0518		mg/L		104	80 - 120
Vanadium	0.0500	0.0500		mg/L		100	80 - 120
Silver	0.0500	0.0498		mg/L		100	80 - 120
Copper	0.0500	0.0484		mg/L		97	80 - 120
Calcium	5.00	5.31		mg/L		106	80 - 120
Zinc	0.0500	0.0503		mg/L		101	80 - 120
Boron	0.100	0.103		mg/L		103	80 - 120

Lab Sample ID: 400-151322-G-1-B MS ^5
Matrix: Water
Analysis Batch: 391973

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 391845

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.0010		0.0500	0.0541		mg/L		108	75 - 125
Arsenic	<0.00046		0.0500	0.0494		mg/L		99	75 - 125
Barium	0.063		0.0500	0.113		mg/L		100	75 - 125
Beryllium	<0.00034		0.0500	0.0498		mg/L		100	75 - 125
Chromium	<0.0011		0.0500	0.0507		mg/L		101	75 - 125
Cobalt	<0.00040		0.0500	0.0491		mg/L		98	75 - 125
Lead	<0.00035		0.0500	0.0513		mg/L		103	75 - 125
Selenium	0.0012	J	0.0500	0.0515		mg/L		101	75 - 125
Thallium	0.00028	J	0.0100	0.0106		mg/L		103	75 - 125
Cadmium	<0.00034		0.0500	0.0499		mg/L		100	75 - 125
Nickel	<0.0018		0.0500	0.0541		mg/L		108	75 - 125
Vanadium	0.0033		0.0500	0.0532		mg/L		100	75 - 125
Silver	<0.00011		0.0500	0.0500		mg/L		100	75 - 125
Copper	0.0037		0.0500	0.0518		mg/L		96	75 - 125

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-151322-G-1-B MS ^5
Matrix: Water
Analysis Batch: 391973

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 391845

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	24		5.00	28.6	4	mg/L		101	75 - 125
Zinc	0.0077	J	0.0500	0.0566		mg/L		98	75 - 125
Boron	0.39		0.100	0.505		mg/L		115	75 - 125

Lab Sample ID: 400-151322-G-1-C MSD ^5
Matrix: Water
Analysis Batch: 391973

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 391845

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	<0.0010		0.0500	0.0519		mg/L		104	75 - 125	4	20
Arsenic	<0.00046		0.0500	0.0500		mg/L		100	75 - 125	1	20
Barium	0.063		0.0500	0.112		mg/L		99	75 - 125	1	20
Beryllium	<0.00034		0.0500	0.0500		mg/L		100	75 - 125	0	20
Chromium	<0.0011		0.0500	0.0509		mg/L		102	75 - 125	0	20
Cobalt	<0.00040		0.0500	0.0496		mg/L		99	75 - 125	1	20
Lead	<0.00035		0.0500	0.0521		mg/L		104	75 - 125	2	20
Selenium	0.0012	J	0.0500	0.0496		mg/L		97	75 - 125	4	20
Thallium	0.00028	J	0.0100	0.0104		mg/L		101	75 - 125	2	20
Cadmium	<0.00034		0.0500	0.0504		mg/L		101	75 - 125	1	20
Nickel	<0.0018		0.0500	0.0545		mg/L		109	75 - 125	1	20
Vanadium	0.0033		0.0500	0.0532		mg/L		100	75 - 125	0	20
Silver	<0.00011		0.0500	0.0505		mg/L		101	75 - 125	1	20
Copper	0.0037		0.0500	0.0520		mg/L		97	75 - 125	0	20
Calcium	24		5.00	28.9	4	mg/L		108	75 - 125	1	20
Zinc	0.0077	J	0.0500	0.0570		mg/L		99	75 - 125	1	20
Boron	0.39		0.100	0.503		mg/L		114	75 - 125	0	20

Lab Sample ID: MB 400-392993/1-A ^5
Matrix: Water
Analysis Batch: 393373

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 392993

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/06/18 12:38	04/10/18 03:18	5
Arsenic	<0.00046	^	0.0013	0.00046	mg/L		04/06/18 12:38	04/10/18 03:18	5
Barium	<0.00049		0.0025	0.00049	mg/L		04/06/18 12:38	04/10/18 03:18	5
Beryllium	<0.00034	^	0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 03:18	5
Chromium	<0.0011		0.0025	0.0011	mg/L		04/06/18 12:38	04/10/18 03:18	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/06/18 12:38	04/10/18 03:18	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/06/18 12:38	04/10/18 03:18	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/06/18 12:38	04/10/18 03:18	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/06/18 12:38	04/10/18 03:18	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/06/18 12:38	04/10/18 03:18	5
Nickel	<0.0018		0.0025	0.0018	mg/L		04/06/18 12:38	04/10/18 03:18	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		04/06/18 12:38	04/10/18 03:18	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/06/18 12:38	04/10/18 03:18	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/06/18 12:38	04/10/18 03:18	5
Calcium	<0.13		0.25	0.13	mg/L		04/06/18 12:38	04/10/18 03:18	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/06/18 12:38	04/10/18 03:18	5
Boron	<0.021	^	0.050	0.021	mg/L		04/06/18 12:38	04/10/18 03:18	5

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Lab Sample ID: LCS 400-392993/2-A
Matrix: Water
Analysis Batch: 393442

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 392993

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0507		mg/L		101	80 - 120
Arsenic	0.0500	0.0513		mg/L		103	80 - 120
Barium	0.0500	0.0498		mg/L		100	80 - 120
Beryllium	0.0500	0.0506		mg/L		101	80 - 120
Chromium	0.0500	0.0531		mg/L		106	80 - 120
Cobalt	0.0500	0.0538		mg/L		108	80 - 120
Lead	0.0500	0.0513		mg/L		103	80 - 120
Selenium	0.0500	0.0506		mg/L		101	80 - 120
Thallium	0.0100	0.0103		mg/L		103	80 - 120
Cadmium	0.0500	0.0516		mg/L		103	80 - 120
Nickel	0.0500	0.0517		mg/L		103	80 - 120
Vanadium	0.0500	0.0539		mg/L		108	80 - 120
Silver	0.0500	0.0497		mg/L		99	80 - 120
Copper	0.0500	0.0522		mg/L		104	80 - 120
Calcium	5.00	5.28		mg/L		106	80 - 120
Zinc	0.0500	0.0522		mg/L		104	80 - 120
Boron	0.100	0.100		mg/L		100	80 - 120

Lab Sample ID: 400-151541-C-5-B MS ^5
Matrix: Water
Analysis Batch: 393373

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 392993

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.0010		0.0500	0.0551		mg/L		110	75 - 125
Arsenic	0.0017	^ F1	0.0500	0.0647	F1 ^	mg/L		126	75 - 125
Barium	0.043		0.0500	0.0918		mg/L		99	75 - 125
Beryllium	<0.00034	^	0.0500	0.0575	^	mg/L		115	75 - 125
Chromium	0.0050		0.0500	0.0441		mg/L		78	75 - 125
Cobalt	<0.00040		0.0500	0.0462		mg/L		92	75 - 125
Lead	<0.00035		0.0500	0.0515		mg/L		103	75 - 125
Selenium	<0.00024		0.0500	0.0497		mg/L		99	75 - 125
Thallium	<0.000085		0.0100	0.00950		mg/L		95	75 - 125
Cadmium	<0.00034		0.0500	0.0496		mg/L		99	75 - 125
Nickel	<0.0018		0.0500	0.0453		mg/L		91	75 - 125
Vanadium	<0.0014		0.0500	0.0450		mg/L		90	75 - 125
Silver	<0.00011		0.0500	0.0451		mg/L		90	75 - 125
Copper	<0.0021		0.0500	0.0461		mg/L		92	75 - 125
Calcium	16	F1	5.00	19.4	F1	mg/L		62	75 - 125
Zinc	<0.0065		0.0500	0.0504		mg/L		101	75 - 125
Boron	0.23	^ F1	0.100	0.353	F1 ^	mg/L		127	75 - 125

Lab Sample ID: 400-151541-C-5-C MSD ^5
Matrix: Water
Analysis Batch: 393373

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 392993

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	<0.0010		0.0500	0.0546		mg/L		109	75 - 125	1	20
Arsenic	0.0017	^ F1	0.0500	0.0640	^	mg/L		125	75 - 125	1	20
Barium	0.043		0.0500	0.0932		mg/L		101	75 - 125	1	20
Beryllium	<0.00034	^	0.0500	0.0567	^	mg/L		113	75 - 125	1	20
Chromium	0.0050		0.0500	0.0443		mg/L		79	75 - 125	1	20

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-151541-C-5-C MSD ^5
Matrix: Water
Analysis Batch: 393373

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 392993

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Cobalt	<0.00040		0.0500	0.0459		mg/L		92	75 - 125	1	20
Lead	<0.00035		0.0500	0.0510		mg/L		102	75 - 125	1	20
Selenium	<0.00024		0.0500	0.0470		mg/L		94	75 - 125	6	20
Thallium	<0.000085		0.0100	0.00948		mg/L		95	75 - 125	0	20
Cadmium	<0.00034		0.0500	0.0519		mg/L		104	75 - 125	5	20
Nickel	<0.0018		0.0500	0.0479		mg/L		96	75 - 125	6	20
Vanadium	<0.0014		0.0500	0.0447		mg/L		89	75 - 125	1	20
Silver	<0.00011		0.0500	0.0445		mg/L		89	75 - 125	1	20
Copper	<0.0021		0.0500	0.0452		mg/L		90	75 - 125	2	20
Calcium	16	F1	5.00	19.3	F1	mg/L		61	75 - 125	0	20
Zinc	<0.0065		0.0500	0.0494		mg/L		99	75 - 125	2	20
Boron	0.23	^ F1	0.100	0.351	^	mg/L		125	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-393340/14-A
Matrix: Water
Analysis Batch: 393601

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 393340

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.0000728	J	0.00020	0.000070	mg/L		04/10/18 09:35	04/11/18 16:27	1

Lab Sample ID: LCS 400-393340/15-A
Matrix: Water
Analysis Batch: 393601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 393340

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits

Lab Sample ID: 400-151220-1 MS
Matrix: Water
Analysis Batch: 393601

Client Sample ID: GWA-47
Prep Type: Total/NA
Prep Batch: 393340

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Mercury	<0.000070		0.00201	0.00199		mg/L		99	80 - 120		

Lab Sample ID: 400-151220-1 MSD
Matrix: Water
Analysis Batch: 393601

Client Sample ID: GWA-47
Prep Type: Total/NA
Prep Batch: 393340

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Mercury	<0.000070		0.00201	0.00195		mg/L		97	80 - 120	2	20

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
SDG: PAC Ash Landfill

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 400-391438/1
Matrix: Water
Analysis Batch: 391438

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/26/18 12:25	1

Lab Sample ID: LCS 400-391438/2
Matrix: Water
Analysis Batch: 391438

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	246		mg/L		84	78 - 122

Lab Sample ID: 400-151189-B-1 DU
Matrix: Water
Analysis Batch: 391438

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	<3.4		<3.4		mg/L		NC	5

Lab Sample ID: 400-151191-B-1 DU
Matrix: Water
Analysis Batch: 391438

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	46		46.0		mg/L		0	5

Lab Sample ID: MB 400-391575/1
Matrix: Water
Analysis Batch: 391575

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/27/18 13:11	1

Lab Sample ID: LCS 400-391575/2
Matrix: Water
Analysis Batch: 391575

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	280		mg/L		96	78 - 122

Lab Sample ID: 400-151170-A-23 DU
Matrix: Water
Analysis Batch: 391575

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	76		76.0		mg/L		0	5

Lab Sample ID: 400-151170-A-26 DU
Matrix: Water
Analysis Batch: 391575

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	220		220		mg/L		0	5

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
 SDG: PAC Ash Landfill

Lab Sample ID: MB 400-391992/1
Matrix: Water
Analysis Batch: 391992

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/29/18 13:49	1

Lab Sample ID: LCS 400-391992/2
Matrix: Water
Analysis Batch: 391992

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	262		mg/L		89	78 - 122

Lab Sample ID: 400-151220-14 DU
Matrix: Water
Analysis Batch: 391992

Client Sample ID: GWC-52
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	98		98.0		mg/L		0	5

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TestAmerica Pensacola
 3355 McLemore Drive
 Pensacola, FL 32514
 Phone (850) 474-1001 Fax (850) 478-2671

Chain of Custody Record

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Client Information		Lab PM: Whitmire, Cheyenne R		Carrier Tracking Note:		COC No: 400-68569-27833.6	
Client Contact: Ben Hodges		E-Mail: cheyenne.whitmire@testamericainc.com		Page: 1 of 1		Job #:	
Company: Joju Abraham		Phone: 912-258-7457		Analysis Requested		Preservation Codes:	
Southern Company		Due Date Requested:		TAT Requested (days):		M - Hexane N - None O - Ash/IO2 P - Na2O/S Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4.5 X - EDTA Y - EDA Z - other (specify)	
Address: 241 Ralph McGill Blvd SE B10185		PO #: SCS10347656		Project #: 40008128		Other:	
City: Atlanta		State, Zip: GA, 30308		SSOW#:		Special Instructions/Note:	
Email: JAbraham@southernco.com		Project Name: CCR - Plant Scherer App III		Site: PAC Ash Landfill		Total Number of containers	
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)	
GWA-46		3/23/18		1015		G Water	
GWA-48		3/23/18		0955		G Water	
GWC-50		3/23/18		1110		G Water	
Possible Hazard Identification		Poison A <input type="checkbox"/>		Poison B <input type="checkbox"/>		Unknown <input type="checkbox"/>	
Deliverable Requested: I, II, III, IV, Other (specify)		Flammable <input type="checkbox"/>		Skin Irritant <input type="checkbox"/>		Radiological <input type="checkbox"/>	
Empty Kit Relinquished by:		Date:		Time:		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Relinquished by: <i>[Signature]</i>		Date/Time: 3-23-18/16:10		Company: Golder		Return To Client <input type="checkbox"/> Archive For _____ Months	
Relinquished by: <i>[Signature]</i>		Date/Time: 3/23/18		Company: TA		Special Instructions/QC Requirements:	
Relinquished by: <i>[Signature]</i>		Date/Time: 3/24/18		Company: TA-PEN		Method of Shipment:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 0.0°C 2.30°C 1R-7		Received by: <i>[Signature]</i> Date/Time: 3/23/18 16:30 Company: TA	



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 Pensacola, FL 32514
 Phone (850) 474-1001 Fax (850) 478-2671

Chain of Custody Record



Client Information Client Contact: Ben Hodges Joju Abraham Southern Company Address: 241 Ralph McGill Blvd SE B10185 City: Atlanta State, Zip: GA, 30308 Email: JAbraham@southernco.com Project Name: CCR - Plant Scherer App III S/SOW#: PAC Ash Landfill		Lab P/N: Whitnire, Cheyenne R E-Mail: cheyenne.whitnire@testamericainc.com Carrier Tracking Note: COC No: 400-88569-27833.6 Page: 1 of 1 Job #:	
Due Date Requested: TAT Requester (days): PO #: SCS10347856 WO #: Project #: CCR - Plant Scherer App III S/SOW#:		Analysis Requested  400-151220 COC Total Number of Containers:	
Sample Identification Sample Date Sample Time Sample Type (G=comp, G=grab) Preservation Code: Matrix (Inventor, Pre-oxid, Oxidant, Br-Fluore, A=01)		Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> N Chloride & Sulfide <input checked="" type="checkbox"/> N G20 - Boron & Calcium <input checked="" type="checkbox"/> N Sulfate 6020 - Al, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Ni, Mn, Bi, Se, Zn, Ti, V, Zn @ 7470 - Hg <input checked="" type="checkbox"/> D	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/Note: Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal B/ Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/OC Requirements:	
Empty KG Relinquished by: Relinquished by: Relinquished by: Custody Seal Intact (Yes/No) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No. 1450043		Method of Shipment: Date/Time: 3/28/18 8:00 Date/Time: 3/28/18 8:00 Date/Time: 3/28/18 8:00 Cooler Temperature (°C and Other Remarks) 0.0°C IR 3/28/18 9:44	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 400-151220-1
SDG Number: PAC Ash Landfill

Login Number: 151220

List Number: 1

Creator: Whitmire, Cheyenne R

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C 2.3°C IR7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151220-1
 SDG: PAC Ash Landfill

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-18
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-18
California	ELAP	9	2510	03-31-18 *
Florida	NELAP	4	E81010	06-30-18
Georgia	State Program	4	N/A	06-30-18
Illinois	NELAP	5	200041	10-09-18
Iowa	State Program	7	367	08-01-18
Kansas	NELAP	7	E-10253	10-31-18
Kentucky (UST)	State Program	4	53	06-30-18
Kentucky (WW)	State Program	4	98030	12-31-18
L-A-B	ISO/IEC 17025		L2471	02-22-20
Louisiana	NELAP	6	30976	06-30-18
Louisiana (DW)	NELAP	6	LA170005	12-31-18
Maryland	State Program	3	233	09-30-18
Massachusetts	State Program	1	M-FL094	06-30-18
Michigan	State Program	5	9912	06-30-18
New Jersey	NELAP	2	FL006	06-30-18
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-18
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-18
Tennessee	State Program	4	TN02907	06-30-18
Texas	NELAP	6	T104704286-17-12	09-30-18
USDA	Federal		P330-16-00172	05-24-19
Virginia	NELAP	3	460166	06-14-18
Washington	State Program	10	C915	05-15-18
West Virginia DEP	State Program	3	136	06-30-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.



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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pensacola

3355 McLemore Drive

Pensacola, FL 32514

Tel: (850)474-1001

TestAmerica Job ID: 400-151322-1

TestAmerica Sample Delivery Group: Surface Waters

Client Project/Site: CCR - Plant Scherer

For:

Southern Company

241 Ralph McGill Blvd SE

B10185

Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:

4/13/2018 5:26:21 PM

Cheyenne Whitmire, Project Manager II

(850)471-6222

cheyenne.whitmire@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Job ID: 400-151322-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative 400-151322-1

HPLC/IC

Method(s) 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: SWA-1 (400-151322-1), SWA-2 (400-151322-2), SWA-3 (400-151322-3), SWC-7 (400-151322-4), SWC-4 (400-151322-5), SWC-5 (400-151322-6) and SWC-8 (400-151322-8). Elevated reporting limits (RLs) are provided.

Metals

Method(s) 6020: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 391845 and analytical batch 391973 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 7470A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 392489 and analytical batch 392873 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

General Chemistry

Method(s) SM 5220D: The matrix spike duplicate (MSD) recoveries for analytical batch 392336 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.



Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWA-1

Lab Sample ID: 400-151322-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.1		1.0	0.89	mg/L	1		300.0	Total/NA
Fluoride	0.15	J	0.20	0.082	mg/L	1		300.0	Total/NA
Sulfate - DL	78		5.0	3.5	mg/L	5		300.0	Total/NA
Copper	0.0037		0.0025	0.0021	mg/L	5		6020	Total Recoverable
Barium	0.063		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0033		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Boron	0.39		0.050	0.021	mg/L	5		6020	Total Recoverable
Zinc	0.0077	J	0.020	0.0065	mg/L	5		6020	Total Recoverable
Calcium	24		0.25	0.13	mg/L	5		6020	Total Recoverable
Selenium	0.0012	J	0.0013	0.00024	mg/L	5		6020	Total Recoverable
Thallium	0.00028	J	0.00050	0.000085	mg/L	5		6020	Total Recoverable
Mercury	0.00011	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	210		5.0	3.4	mg/L	1		SM 2540C	Total/NA
pH	7.7	HF			SU	1		SM 4500 H+ B	Total/NA
Temperature	20.0	HF			Degrees C	1		SM 4500 H+ B	Total/NA
Chemical Oxygen Demand	18	F1	10	6.4	mg/L	1		SM 5220D	Total/NA
Total Organic Carbon	3.3		1.0	0.50	mg/L	1		SM 5310B	Total/NA

Client Sample ID: SWA-2

Lab Sample ID: 400-151322-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	9.1		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate - DL	180		5.0	3.5	mg/L	5		300.0	Total/NA
Barium	0.068		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Boron	0.95		0.050	0.021	mg/L	5		6020	Total Recoverable
Calcium	34		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0064		0.0025	0.00040	mg/L	5		6020	Total Recoverable
Selenium	0.00048	J	0.0013	0.00024	mg/L	5		6020	Total Recoverable
Mercury	0.000097	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	360		5.0	3.4	mg/L	1		SM 2540C	Total/NA
pH	7.1	HF			SU	1		SM 4500 H+ B	Total/NA
Temperature	19.1	HF			Degrees C	1		SM 4500 H+ B	Total/NA
Chemical Oxygen Demand	10		10	6.4	mg/L	1		SM 5220D	Total/NA
Total Organic Carbon	1.3		1.0	0.50	mg/L	1		SM 5310B	Total/NA

Client Sample ID: SWA-3

Lab Sample ID: 400-151322-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	10		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate - DL	93		5.0	3.5	mg/L	5		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWA-3 (Continued)

Lab Sample ID: 400-151322-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.048		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Boron	0.56		0.050	0.021	mg/L	5		6020	Total Recoverable
Calcium	14		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0052		0.0025	0.00040	mg/L	5		6020	Total Recoverable
Mercury	0.00010	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	210		5.0	3.4	mg/L	1		SM 2540C	Total/NA
pH	6.8	HF			SU	1		SM 4500 H+ B	Total/NA
Temperature	19.4	HF			Degrees C	1		SM 4500 H+ B	Total/NA
Chemical Oxygen Demand	12		10	6.4	mg/L	1		SM 5220D	Total/NA
Total Organic Carbon	0.88	J	1.0	0.50	mg/L	1		SM 5310B	Total/NA

Client Sample ID: SWC-7

Lab Sample ID: 400-151322-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.1		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate - DL	61		5.0	3.5	mg/L	5		300.0	Total/NA
Barium	0.058		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0022	J	0.0025	0.0014	mg/L	5		6020	Total Recoverable
Boron	0.35		0.050	0.021	mg/L	5		6020	Total Recoverable
Calcium	23		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.00092	J	0.0025	0.00040	mg/L	5		6020	Total Recoverable
Mercury	0.00010	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	290		5.0	3.4	mg/L	1		SM 2540C	Total/NA
pH	7.6	HF			SU	1		SM 4500 H+ B	Total/NA
Temperature	20.0	HF			Degrees C	1		SM 4500 H+ B	Total/NA
Chemical Oxygen Demand	8.0	J	10	6.4	mg/L	1		SM 5220D	Total/NA
Total Organic Carbon	1.7		1.0	0.50	mg/L	1		SM 5310B	Total/NA

Client Sample ID: SWC-4

Lab Sample ID: 400-151322-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.8		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate - DL	80		5.0	3.5	mg/L	5		300.0	Total/NA
Barium	0.053		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0017	J	0.0025	0.0014	mg/L	5		6020	Total Recoverable
Boron	0.47		0.050	0.021	mg/L	5		6020	Total Recoverable
Calcium	19		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0025		0.0025	0.00040	mg/L	5		6020	Total Recoverable
Mercury	0.00010	J	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	210		5.0	3.4	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWC-4 (Continued)

Lab Sample ID: 400-151322-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
pH	7.4	HF			SU	1		SM 4500 H+ B	Total/NA
Temperature	19.7	HF			Degrees C	1		SM 4500 H+ B	Total/NA

Client Sample ID: SWC-5

Lab Sample ID: 400-151322-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	11		1.0	0.89	mg/L	1		300.0	Total/NA
Fluoride	0.21		0.20	0.082	mg/L	1		300.0	Total/NA
Sulfate - DL	53		5.0	3.5	mg/L	5		300.0	Total/NA
Barium	0.040		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0038		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Boron	0.072		0.050	0.021	mg/L	5		6020	Total Recoverable
Calcium	37		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0030		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Selenium	0.0026		0.0013	0.00024	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	230		5.0	3.4	mg/L	1		SM 2540C	Total/NA
pH	7.1	HF			SU	1		SM 4500 H+ B	Total/NA
Temperature	19.3	HF			Degrees C	1		SM 4500 H+ B	Total/NA

Client Sample ID: SWC-6

Lab Sample ID: 400-151322-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.7		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	1.1		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.025		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Vanadium	0.0026		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Calcium	11		0.25	0.13	mg/L	5		6020	Total Recoverable
Chromium	0.0014	J	0.0025	0.0011	mg/L	5		6020	Total Recoverable
Cobalt	0.0027		0.0025	0.00040	mg/L	5		6020	Total Recoverable
Selenium	0.00032	J	0.0013	0.00024	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	100		5.0	3.4	mg/L	1		SM 2540C	Total/NA
pH	7.4	HF			SU	1		SM 4500 H+ B	Total/NA
Temperature	19.2	HF			Degrees C	1		SM 4500 H+ B	Total/NA

Client Sample ID: SWC-8

Lab Sample ID: 400-151322-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	8.5		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate - DL	100		5.0	3.5	mg/L	5		300.0	Total/NA
Barium	0.060		0.0025	0.00049	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
 SDG: Surface Waters

Client Sample ID: SWC-8 (Continued)

Lab Sample ID: 400-151322-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.67		0.050	0.021	mg/L	5		6020	Total Recoverable
Calcium	24		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0050		0.0025	0.00040	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	250		5.0	3.4	mg/L	1		SM 2540C	Total/NA
pH	7.0	HF			SU	1		SM 4500 H+ B	Total/NA
Temperature	19.2	HF			Degrees C	1		SM 4500 H+ B	Total/NA

This Detection Summary does not include radiochemical test results.



Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL PEN
6020	Metals (ICP/MS)	SW846	TAL PEN
7470A	Mercury (CVAA)	SW846	TAL PEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PEN
SM 4500 CN E	Cyanide, Total	SM	TAL PEN
SM 4500 H+ B	pH	SM	TAL PEN
SM 5220D	COD	SM	TAL PEN
SM 5310B	Organic Carbon, Total (TOC)	SM	TAL PEN

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater",
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-151322-1	SWA-1	Water	03/23/18 10:45	03/24/18 08:17
400-151322-2	SWA-2	Water	03/23/18 12:45	03/24/18 08:17
400-151322-3	SWA-3	Water	03/23/18 12:30	03/24/18 08:17
400-151322-4	SWC-7	Water	03/23/18 11:35	03/24/18 08:17
400-151322-5	SWC-4	Water	03/23/18 11:05	03/24/18 08:17
400-151322-6	SWC-5	Water	03/23/18 11:20	03/24/18 08:17
400-151322-7	SWC-6	Water	03/23/18 11:45	03/24/18 08:17
400-151322-8	SWC-8	Water	03/23/18 12:15	03/24/18 08:17

- 1
- 2
- 3
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- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWA-1
Date Collected: 03/23/18 10:45
Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-1
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.1		1.0	0.89	mg/L			04/06/18 01:55	1
Fluoride	0.15	J	0.20	0.082	mg/L			04/06/18 01:55	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	78		5.0	3.5	mg/L			04/06/18 22:50	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/28/18 22:59	5
Copper	0.0037		0.0025	0.0021	mg/L		03/28/18 12:33	03/28/18 22:59	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/28/18 22:59	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/28/18 22:59	5
Barium	0.063		0.0025	0.00049	mg/L		03/28/18 12:33	03/28/18 22:59	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/28/18 22:59	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 22:59	5
Vanadium	0.0033		0.0025	0.0014	mg/L		03/28/18 12:33	03/28/18 22:59	5
Boron	0.39		0.050	0.021	mg/L		03/28/18 12:33	03/28/18 22:59	5
Zinc	0.0077	J	0.020	0.0065	mg/L		03/28/18 12:33	03/28/18 22:59	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 22:59	5
Calcium	24		0.25	0.13	mg/L		03/28/18 12:33	03/28/18 22:59	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/28/18 22:59	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/28/18 12:33	03/28/18 22:59	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/28/18 22:59	5
Selenium	0.0012	J	0.0013	0.00024	mg/L		03/28/18 12:33	03/28/18 22:59	5
Thallium	0.00028	J	0.00050	0.000085	mg/L		03/28/18 12:33	03/28/18 22:59	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00011	J	0.00020	0.000070	mg/L		04/03/18 14:35	04/05/18 14:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	210		5.0	3.4	mg/L			03/27/18 12:35	1
Cyanide, Total	<0.0050		0.0050	0.0050	mg/L		03/26/18 10:48	03/26/18 13:04	1
pH	7.7	HF			SU			03/27/18 16:05	1
Temperature	20.0	HF			Degrees C			03/27/18 16:05	1
Chemical Oxygen Demand	18	F1	10	6.4	mg/L			04/02/18 11:49	1
Total Organic Carbon	3.3		1.0	0.50	mg/L			03/27/18 01:38	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWA-2
Date Collected: 03/23/18 12:45
Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-2
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.1		1.0	0.89	mg/L			04/06/18 02:18	1
Fluoride	<0.082		0.20	0.082	mg/L			04/06/18 02:18	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	180		5.0	3.5	mg/L			04/06/18 23:13	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/28/18 23:22	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/28/18 23:22	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/28/18 23:22	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/28/18 23:22	5
Barium	0.068		0.0025	0.00049	mg/L		03/28/18 12:33	03/28/18 23:22	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/28/18 23:22	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 23:22	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/28/18 12:33	03/28/18 23:22	5
Boron	0.95		0.050	0.021	mg/L		03/28/18 12:33	03/28/18 23:22	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/28/18 23:22	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 23:22	5
Calcium	34		0.25	0.13	mg/L		03/28/18 12:33	03/28/18 23:22	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/28/18 23:22	5
Cobalt	0.0064		0.0025	0.00040	mg/L		03/28/18 12:33	03/28/18 23:22	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/28/18 23:22	5
Selenium	0.00048	J	0.0013	0.00024	mg/L		03/28/18 12:33	03/28/18 23:22	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/28/18 23:22	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000097	J	0.00020	0.000070	mg/L		04/03/18 14:35	04/05/18 14:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	360		5.0	3.4	mg/L			03/27/18 12:35	1
Cyanide, Total	<0.0050		0.0050	0.0050	mg/L		03/26/18 10:48	03/26/18 13:04	1
pH	7.1	HF			SU			03/27/18 16:15	1
Temperature	19.1	HF			Degrees C			03/27/18 16:15	1
Chemical Oxygen Demand	10		10	6.4	mg/L			04/02/18 11:49	1
Total Organic Carbon	1.3		1.0	0.50	mg/L			03/27/18 01:48	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWA-3
Date Collected: 03/23/18 12:30
Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-3
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10		1.0	0.89	mg/L			04/06/18 03:26	1
Fluoride	<0.082		0.20	0.082	mg/L			04/06/18 03:26	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	93		5.0	3.5	mg/L			04/07/18 00:22	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/28/18 23:26	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/28/18 23:26	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/28/18 23:26	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/28/18 23:26	5
Barium	0.048		0.0025	0.00049	mg/L		03/28/18 12:33	03/28/18 23:26	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/28/18 23:26	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 23:26	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/28/18 12:33	03/28/18 23:26	5
Boron	0.56		0.050	0.021	mg/L		03/28/18 12:33	03/28/18 23:26	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/28/18 23:26	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 23:26	5
Calcium	14		0.25	0.13	mg/L		03/28/18 12:33	03/28/18 23:26	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/28/18 23:26	5
Cobalt	0.0052		0.0025	0.00040	mg/L		03/28/18 12:33	03/28/18 23:26	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/28/18 23:26	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/28/18 23:26	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/28/18 23:26	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00010	J	0.00020	0.000070	mg/L		04/03/18 14:35	04/05/18 15:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	210		5.0	3.4	mg/L			03/27/18 12:35	1
Cyanide, Total	<0.0050		0.0050	0.0050	mg/L		03/26/18 10:48	03/26/18 13:05	1
pH	6.8	HF			SU			03/27/18 16:25	1
Temperature	19.4	HF			Degrees C			03/27/18 16:25	1
Chemical Oxygen Demand	12		10	6.4	mg/L			04/02/18 11:49	1
Total Organic Carbon	0.88	J	1.0	0.50	mg/L			03/27/18 02:00	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWC-7
Date Collected: 03/23/18 11:35
Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-4
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.1		1.0	0.89	mg/L			04/06/18 03:49	1
Fluoride	<0.082		0.20	0.082	mg/L			04/06/18 03:49	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	61		5.0	3.5	mg/L			04/07/18 00:45	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/28/18 23:31	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/28/18 23:31	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/28/18 23:31	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/28/18 23:31	5
Barium	0.058		0.0025	0.00049	mg/L		03/28/18 12:33	03/28/18 23:31	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/28/18 23:31	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 23:31	5
Vanadium	0.0022	J	0.0025	0.0014	mg/L		03/28/18 12:33	03/28/18 23:31	5
Boron	0.35		0.050	0.021	mg/L		03/28/18 12:33	03/28/18 23:31	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/28/18 23:31	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 23:31	5
Calcium	23		0.25	0.13	mg/L		03/28/18 12:33	03/28/18 23:31	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/28/18 23:31	5
Cobalt	0.00092	J	0.0025	0.00040	mg/L		03/28/18 12:33	03/28/18 23:31	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/28/18 23:31	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/28/18 23:31	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/28/18 23:31	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00010	J	0.00020	0.000070	mg/L		04/03/18 14:35	04/05/18 15:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	290		5.0	3.4	mg/L			03/27/18 12:35	1
Cyanide, Total	<0.0050		0.0050	0.0050	mg/L		03/26/18 10:48	03/26/18 13:05	1
pH	7.6	HF			SU			03/27/18 16:03	1
Temperature	20.0	HF			Degrees C			03/27/18 16:03	1
Chemical Oxygen Demand	8.0	J	10	6.4	mg/L			04/02/18 11:49	1
Total Organic Carbon	1.7		1.0	0.50	mg/L			03/27/18 02:12	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWC-4
Date Collected: 03/23/18 11:05
Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-5
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.8		1.0	0.89	mg/L			04/06/18 04:12	1
Fluoride	<0.082		0.20	0.082	mg/L			04/06/18 04:12	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	80		5.0	3.5	mg/L			04/07/18 01:08	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/28/18 23:35	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/28/18 23:35	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/28/18 23:35	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/28/18 23:35	5
Barium	0.053		0.0025	0.00049	mg/L		03/28/18 12:33	03/28/18 23:35	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/28/18 23:35	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 23:35	5
Vanadium	0.0017	J	0.0025	0.0014	mg/L		03/28/18 12:33	03/28/18 23:35	5
Boron	0.47		0.050	0.021	mg/L		03/28/18 12:33	03/28/18 23:35	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/28/18 23:35	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 23:35	5
Calcium	19		0.25	0.13	mg/L		03/28/18 12:33	03/28/18 23:35	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/28/18 23:35	5
Cobalt	0.0025		0.0025	0.00040	mg/L		03/28/18 12:33	03/28/18 23:35	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/28/18 23:35	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/28/18 23:35	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/28/18 23:35	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00010	J	0.00020	0.000070	mg/L		04/03/18 14:35	04/05/18 15:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	210		5.0	3.4	mg/L			03/27/18 13:42	1
pH	7.4	HF			SU			03/27/18 16:01	1
Temperature	19.7	HF			Degrees C			03/27/18 16:01	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWC-5
Date Collected: 03/23/18 11:20
Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-6
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		1.0	0.89	mg/L			04/06/18 04:35	1
Fluoride	0.21		0.20	0.082	mg/L			04/06/18 04:35	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	53		5.0	3.5	mg/L			04/07/18 01:30	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/28/18 23:40	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/28/18 23:40	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/28/18 23:40	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/28/18 23:40	5
Barium	0.040		0.0025	0.00049	mg/L		03/28/18 12:33	03/28/18 23:40	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/28/18 23:40	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 23:40	5
Vanadium	0.0038		0.0025	0.0014	mg/L		03/28/18 12:33	03/28/18 23:40	5
Boron	0.072		0.050	0.021	mg/L		03/28/18 12:33	03/28/18 23:40	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/28/18 23:40	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 23:40	5
Calcium	37		0.25	0.13	mg/L		03/28/18 12:33	03/28/18 23:40	5
Chromium	0.0030		0.0025	0.0011	mg/L		03/28/18 12:33	03/28/18 23:40	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/28/18 12:33	03/28/18 23:40	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/28/18 23:40	5
Selenium	0.0026		0.0013	0.00024	mg/L		03/28/18 12:33	03/28/18 23:40	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/28/18 23:40	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/11/18 17:19	04/13/18 09:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	230		5.0	3.4	mg/L			03/27/18 13:42	1
pH	7.1	HF			SU			03/27/18 16:13	1
Temperature	19.3	HF			Degrees C			03/27/18 16:13	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWC-6

Date Collected: 03/23/18 11:45

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-7

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.7		1.0	0.89	mg/L			04/06/18 04:58	1
Fluoride	<0.082		0.20	0.082	mg/L			04/06/18 04:58	1
Sulfate	1.1		1.0	0.70	mg/L			04/06/18 04:58	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/29/18 00:07	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/29/18 00:07	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/29/18 00:07	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/29/18 00:07	5
Barium	0.025		0.0025	0.00049	mg/L		03/28/18 12:33	03/29/18 00:07	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/29/18 00:07	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:07	5
Vanadium	0.0026		0.0025	0.0014	mg/L		03/28/18 12:33	03/29/18 00:07	5
Boron	<0.021		0.050	0.021	mg/L		03/28/18 12:33	03/29/18 00:07	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/29/18 00:07	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:07	5
Calcium	11		0.25	0.13	mg/L		03/28/18 12:33	03/29/18 00:07	5
Chromium	0.0014	J	0.0025	0.0011	mg/L		03/28/18 12:33	03/29/18 00:07	5
Cobalt	0.0027		0.0025	0.00040	mg/L		03/28/18 12:33	03/29/18 00:07	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/29/18 00:07	5
Selenium	0.00032	J	0.0013	0.00024	mg/L		03/28/18 12:33	03/29/18 00:07	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/29/18 00:07	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/11/18 17:19	04/13/18 09:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	100		5.0	3.4	mg/L			03/27/18 13:42	1
pH	7.4	HF			SU			03/27/18 16:17	1
Temperature	19.2	HF			Degrees C			03/27/18 16:17	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWC-8
Date Collected: 03/23/18 12:15
Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-8
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.5		1.0	0.89	mg/L			04/06/18 05:21	1
Fluoride	<0.082		0.20	0.082	mg/L			04/06/18 05:21	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	100		5.0	3.5	mg/L			04/07/18 01:53	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/29/18 00:11	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/29/18 00:11	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/29/18 00:11	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/29/18 00:11	5
Barium	0.060		0.0025	0.00049	mg/L		03/28/18 12:33	03/29/18 00:11	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/29/18 00:11	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:11	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/28/18 12:33	03/29/18 00:11	5
Boron	0.67		0.050	0.021	mg/L		03/28/18 12:33	03/29/18 00:11	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/29/18 00:11	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/29/18 00:11	5
Calcium	24		0.25	0.13	mg/L		03/28/18 12:33	03/29/18 00:11	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/29/18 00:11	5
Cobalt	0.0050		0.0025	0.00040	mg/L		03/28/18 12:33	03/29/18 00:11	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/29/18 00:11	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/29/18 00:11	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/29/18 00:11	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/11/18 17:19	04/13/18 09:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	250		5.0	3.4	mg/L			03/27/18 13:42	1
pH	7.0	HF			SU			03/27/18 16:21	1
Temperature	19.2	HF			Degrees C			03/27/18 16:21	1

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD Recovery is outside acceptance limits.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
F1	MS and/or MSD Recovery is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Client Sample ID: SWA-1

Date Collected: 03/23/18 10:45

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/06/18 01:55	JAW	TAL PEN
Total/NA	Analysis	300.0	DL	5	393083	04/06/18 22:50	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/28/18 22:59	DRE	TAL PEN
Total/NA	Prep	7470A			392489	04/03/18 14:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 14:57	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391566	03/27/18 12:35	RRC	TAL PEN
Total/NA	Prep	SM 4500 CN C			391485	03/26/18 10:48	BAB	TAL PEN
Total/NA	Analysis	SM 4500 CN E		1	391474	03/26/18 13:04	BAB	TAL PEN
Total/NA	Analysis	SM 4500 H+ B		1	391691	03/27/18 16:05	BJB	TAL PEN
Total/NA	Analysis	SM 5220D		1	392336	04/02/18 11:49	DN1	TAL PEN
Total/NA	Analysis	SM 5310B		1	391597	03/27/18 01:38	CLM	TAL PEN

Client Sample ID: SWA-2

Date Collected: 03/23/18 12:45

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/06/18 02:18	JAW	TAL PEN
Total/NA	Analysis	300.0	DL	5	393083	04/06/18 23:13	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/28/18 23:22	DRE	TAL PEN
Total/NA	Prep	7470A			392489	04/03/18 14:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 14:59	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391566	03/27/18 12:35	RRC	TAL PEN
Total/NA	Prep	SM 4500 CN C			391485	03/26/18 10:48	BAB	TAL PEN
Total/NA	Analysis	SM 4500 CN E		1	391474	03/26/18 13:04	BAB	TAL PEN
Total/NA	Analysis	SM 4500 H+ B		1	391691	03/27/18 16:15	BJB	TAL PEN
Total/NA	Analysis	SM 5220D		1	392336	04/02/18 11:49	DN1	TAL PEN
Total/NA	Analysis	SM 5310B		1	391597	03/27/18 01:48	CLM	TAL PEN

Client Sample ID: SWA-3

Date Collected: 03/23/18 12:30

Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/06/18 03:26	JAW	TAL PEN
Total/NA	Analysis	300.0	DL	5	393083	04/07/18 00:22	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/28/18 23:26	DRE	TAL PEN
Total/NA	Prep	7470A			392489	04/03/18 14:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 15:01	JAP	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	391566	03/27/18 12:35	RRC	TAL PEN
Total/NA	Prep	SM 4500 CN C			391485	03/26/18 10:48	BAB	TAL PEN
Total/NA	Analysis	SM 4500 CN E		1	391474	03/26/18 13:05	BAB	TAL PEN
Total/NA	Analysis	SM 4500 H+ B		1	391691	03/27/18 16:25	BJB	TAL PEN
Total/NA	Analysis	SM 5220D		1	392336	04/02/18 11:49	DN1	TAL PEN
Total/NA	Analysis	SM 5310B		1	391597	03/27/18 02:00	CLM	TAL PEN

Client Sample ID: SWC-7

Date Collected: 03/23/18 11:35
Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/06/18 03:49	JAW	TAL PEN
Total/NA	Analysis	300.0	DL	5	393083	04/07/18 00:45	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/28/18 23:31	DRE	TAL PEN
Total/NA	Prep	7470A			392489	04/03/18 14:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 15:03	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391566	03/27/18 12:35	RRC	TAL PEN
Total/NA	Prep	SM 4500 CN C			391485	03/26/18 10:48	BAB	TAL PEN
Total/NA	Analysis	SM 4500 CN E		1	391474	03/26/18 13:05	BAB	TAL PEN
Total/NA	Analysis	SM 4500 H+ B		1	391691	03/27/18 16:03	BJB	TAL PEN
Total/NA	Analysis	SM 5220D		1	392336	04/02/18 11:49	DN1	TAL PEN
Total/NA	Analysis	SM 5310B		1	391597	03/27/18 02:12	CLM	TAL PEN

Client Sample ID: SWC-4

Date Collected: 03/23/18 11:05
Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/06/18 04:12	JAW	TAL PEN
Total/NA	Analysis	300.0	DL	5	393083	04/07/18 01:08	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/28/18 23:35	DRE	TAL PEN
Total/NA	Prep	7470A			392489	04/03/18 14:35	JAP	TAL PEN
Total/NA	Analysis	7470A		1	392873	04/05/18 15:04	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391578	03/27/18 13:42	RRC	TAL PEN
Total/NA	Analysis	SM 4500 H+ B		1	391691	03/27/18 16:01	BJB	TAL PEN

Client Sample ID: SWC-5

Date Collected: 03/23/18 11:20
Date Received: 03/24/18 08:17

Lab Sample ID: 400-151322-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/06/18 04:35	JAW	TAL PEN
Total/NA	Analysis	300.0	DL	5	393083	04/07/18 01:30	JAW	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/28/18 23:40	DRE	TAL PEN
Total/NA	Prep	7470A			393598	04/11/18 17:19	DN1	TAL PEN
Total/NA	Analysis	7470A		1	393870	04/13/18 09:41	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391578	03/27/18 13:42	RRC	TAL PEN
Total/NA	Analysis	SM 4500 H+ B		1	391691	03/27/18 16:13	BJB	TAL PEN

Client Sample ID: SWC-6

Lab Sample ID: 400-151322-7

Date Collected: 03/23/18 11:45

Matrix: Water

Date Received: 03/24/18 08:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/06/18 04:58	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/29/18 00:07	DRE	TAL PEN
Total/NA	Prep	7470A			393598	04/11/18 17:19	DN1	TAL PEN
Total/NA	Analysis	7470A		1	393870	04/13/18 09:49	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391578	03/27/18 13:42	RRC	TAL PEN
Total/NA	Analysis	SM 4500 H+ B		1	391691	03/27/18 16:17	BJB	TAL PEN

Client Sample ID: SWC-8

Lab Sample ID: 400-151322-8

Date Collected: 03/23/18 12:15

Matrix: Water

Date Received: 03/24/18 08:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392922	04/06/18 05:21	JAW	TAL PEN
Total/NA	Analysis	300.0	DL	5	393083	04/07/18 01:53	JAW	TAL PEN
Total Recoverable	Prep	3005A			391845	03/28/18 12:33	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	391973	03/29/18 00:11	DRE	TAL PEN
Total/NA	Prep	7470A			393598	04/11/18 17:19	DN1	TAL PEN
Total/NA	Analysis	7470A		1	393870	04/13/18 09:51	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	391578	03/27/18 13:42	RRC	TAL PEN
Total/NA	Analysis	SM 4500 H+ B		1	391691	03/27/18 16:21	BJB	TAL PEN

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

HPLC/IC

Analysis Batch: 392922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1	SWA-1	Total/NA	Water	300.0	
400-151322-2	SWA-2	Total/NA	Water	300.0	
400-151322-3	SWA-3	Total/NA	Water	300.0	
400-151322-4	SWC-7	Total/NA	Water	300.0	
400-151322-5	SWC-4	Total/NA	Water	300.0	
400-151322-6	SWC-5	Total/NA	Water	300.0	
400-151322-7	SWC-6	Total/NA	Water	300.0	
400-151322-8	SWC-8	Total/NA	Water	300.0	
MB 400-392922/36	Method Blank	Total/NA	Water	300.0	
LCS 400-392922/37	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-392922/38	Lab Control Sample Dup	Total/NA	Water	300.0	
400-151220-A-8 MS	Matrix Spike	Total/NA	Water	300.0	
400-151220-A-8 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 393083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1 - DL	SWA-1	Total/NA	Water	300.0	
400-151322-2 - DL	SWA-2	Total/NA	Water	300.0	
400-151322-3 - DL	SWA-3	Total/NA	Water	300.0	
400-151322-4 - DL	SWC-7	Total/NA	Water	300.0	
400-151322-5 - DL	SWC-4	Total/NA	Water	300.0	
400-151322-6 - DL	SWC-5	Total/NA	Water	300.0	
400-151322-8 - DL	SWC-8	Total/NA	Water	300.0	
MB 400-393083/38	Method Blank	Total/NA	Water	300.0	
LCS 400-393083/39	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-393083/40	Lab Control Sample Dup	Total/NA	Water	300.0	
400-151428-A-14 MS	Matrix Spike	Total/NA	Water	300.0	
400-151428-A-14 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 391845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1	SWA-1	Total Recoverable	Water	3005A	
400-151322-2	SWA-2	Total Recoverable	Water	3005A	
400-151322-3	SWA-3	Total Recoverable	Water	3005A	
400-151322-4	SWC-7	Total Recoverable	Water	3005A	
400-151322-5	SWC-4	Total Recoverable	Water	3005A	
400-151322-6	SWC-5	Total Recoverable	Water	3005A	
400-151322-7	SWC-6	Total Recoverable	Water	3005A	
400-151322-8	SWC-8	Total Recoverable	Water	3005A	
MB 400-391845/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-391845/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-151322-1 MS	SWA-1	Total Recoverable	Water	3005A	
400-151322-1 MSD	SWA-1	Total Recoverable	Water	3005A	

Analysis Batch: 391973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1	SWA-1	Total Recoverable	Water	6020	391845
400-151322-2	SWA-2	Total Recoverable	Water	6020	391845

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Metals (Continued)

Analysis Batch: 391973 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-3	SWA-3	Total Recoverable	Water	6020	391845
400-151322-4	SWC-7	Total Recoverable	Water	6020	391845
400-151322-5	SWC-4	Total Recoverable	Water	6020	391845
400-151322-6	SWC-5	Total Recoverable	Water	6020	391845
400-151322-7	SWC-6	Total Recoverable	Water	6020	391845
400-151322-8	SWC-8	Total Recoverable	Water	6020	391845
MB 400-391845/1-A ^5	Method Blank	Total Recoverable	Water	6020	391845
LCS 400-391845/2-A	Lab Control Sample	Total Recoverable	Water	6020	391845
400-151322-1 MS	SWA-1	Total Recoverable	Water	6020	391845
400-151322-1 MSD	SWA-1	Total Recoverable	Water	6020	391845

Prep Batch: 392489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1	SWA-1	Total/NA	Water	7470A	
400-151322-2	SWA-2	Total/NA	Water	7470A	
400-151322-3	SWA-3	Total/NA	Water	7470A	
400-151322-4	SWC-7	Total/NA	Water	7470A	
400-151322-5	SWC-4	Total/NA	Water	7470A	
MB 400-392489/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-392489/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-151352-R-1-C MS	Matrix Spike	Total/NA	Water	7470A	
400-151352-R-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 392873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1	SWA-1	Total/NA	Water	7470A	392489
400-151322-2	SWA-2	Total/NA	Water	7470A	392489
400-151322-3	SWA-3	Total/NA	Water	7470A	392489
400-151322-4	SWC-7	Total/NA	Water	7470A	392489
400-151322-5	SWC-4	Total/NA	Water	7470A	392489
MB 400-392489/14-A	Method Blank	Total/NA	Water	7470A	392489
LCS 400-392489/15-A	Lab Control Sample	Total/NA	Water	7470A	392489
400-151352-R-1-C MS	Matrix Spike	Total/NA	Water	7470A	392489
400-151352-R-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	392489

Prep Batch: 393598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-6	SWC-5	Total/NA	Water	7470A	
400-151322-7	SWC-6	Total/NA	Water	7470A	
400-151322-8	SWC-8	Total/NA	Water	7470A	
MB 400-393598/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-393598/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-151322-6 MS	SWC-5	Total/NA	Water	7470A	
400-151322-6 MSD	SWC-5	Total/NA	Water	7470A	

Analysis Batch: 393870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-6	SWC-5	Total/NA	Water	7470A	393598
400-151322-7	SWC-6	Total/NA	Water	7470A	393598
400-151322-8	SWC-8	Total/NA	Water	7470A	393598
MB 400-393598/14-A	Method Blank	Total/NA	Water	7470A	393598

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Metals (Continued)

Analysis Batch: 393870 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-393598/15-A	Lab Control Sample	Total/NA	Water	7470A	393598
400-151322-6 MS	SWC-5	Total/NA	Water	7470A	393598
400-151322-6 MSD	SWC-5	Total/NA	Water	7470A	393598

General Chemistry

Analysis Batch: 391474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1	SWA-1	Total/NA	Water	SM 4500 CN E	391485
400-151322-2	SWA-2	Total/NA	Water	SM 4500 CN E	391485
400-151322-3	SWA-3	Total/NA	Water	SM 4500 CN E	391485
400-151322-4	SWC-7	Total/NA	Water	SM 4500 CN E	391485
MB 400-391485/1-A	Method Blank	Total/NA	Water	SM 4500 CN E	391485
LCS 400-391485/3-A	Lab Control Sample	Total/NA	Water	SM 4500 CN E	391485
400-151294-G-1-B MS	Matrix Spike	Total/NA	Water	SM 4500 CN E	391485
400-151294-G-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 CN E	391485
400-151255-A-1-B DU	Duplicate	Total/NA	Water	SM 4500 CN E	391485

Prep Batch: 391485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1	SWA-1	Total/NA	Water	SM 4500 CN C	
400-151322-2	SWA-2	Total/NA	Water	SM 4500 CN C	
400-151322-3	SWA-3	Total/NA	Water	SM 4500 CN C	
400-151322-4	SWC-7	Total/NA	Water	SM 4500 CN C	
MB 400-391485/1-A	Method Blank	Total/NA	Water	SM 4500 CN C	
LCS 400-391485/3-A	Lab Control Sample	Total/NA	Water	SM 4500 CN C	
400-151294-G-1-B MS	Matrix Spike	Total/NA	Water	SM 4500 CN C	
400-151294-G-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 CN C	
400-151255-A-1-B DU	Duplicate	Total/NA	Water	SM 4500 CN C	

Analysis Batch: 391566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1	SWA-1	Total/NA	Water	SM 2540C	
400-151322-2	SWA-2	Total/NA	Water	SM 2540C	
400-151322-3	SWA-3	Total/NA	Water	SM 2540C	
400-151322-4	SWC-7	Total/NA	Water	SM 2540C	
MB 400-391566/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-391566/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-151322-1 DU	SWA-1	Total/NA	Water	SM 2540C	

Analysis Batch: 391578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-5	SWC-4	Total/NA	Water	SM 2540C	
400-151322-6	SWC-5	Total/NA	Water	SM 2540C	
400-151322-7	SWC-6	Total/NA	Water	SM 2540C	
400-151322-8	SWC-8	Total/NA	Water	SM 2540C	
MB 400-391578/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-391578/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-151322-5 DU	SWC-4	Total/NA	Water	SM 2540C	
400-151322-6 DU	SWC-5	Total/NA	Water	SM 2540C	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

General Chemistry (Continued)

Analysis Batch: 391597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1	SWA-1	Total/NA	Water	SM 5310B	
400-151322-2	SWA-2	Total/NA	Water	SM 5310B	
400-151322-3	SWA-3	Total/NA	Water	SM 5310B	
400-151322-4	SWC-7	Total/NA	Water	SM 5310B	
MB 400-391597/4	Method Blank	Total/NA	Water	SM 5310B	
LCS 400-391597/5	Lab Control Sample	Total/NA	Water	SM 5310B	
MRL 400-391597/2	Lab Control Sample	Total/NA	Water	SM 5310B	
400-151160-G-1 MS	Matrix Spike	Total/NA	Water	SM 5310B	
400-151160-G-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 5310B	

Analysis Batch: 391691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1	SWA-1	Total/NA	Water	SM 4500 H+ B	
400-151322-2	SWA-2	Total/NA	Water	SM 4500 H+ B	
400-151322-3	SWA-3	Total/NA	Water	SM 4500 H+ B	
400-151322-4	SWC-7	Total/NA	Water	SM 4500 H+ B	
400-151322-5	SWC-4	Total/NA	Water	SM 4500 H+ B	
400-151322-6	SWC-5	Total/NA	Water	SM 4500 H+ B	
400-151322-7	SWC-6	Total/NA	Water	SM 4500 H+ B	
400-151322-8	SWC-8	Total/NA	Water	SM 4500 H+ B	
LCS 400-391691/4	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	
400-151322-8 DU	SWC-8	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 392336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151322-1	SWA-1	Total/NA	Water	SM 5220D	
400-151322-2	SWA-2	Total/NA	Water	SM 5220D	
400-151322-3	SWA-3	Total/NA	Water	SM 5220D	
400-151322-4	SWC-7	Total/NA	Water	SM 5220D	
MB 400-392336/3	Method Blank	Total/NA	Water	SM 5220D	
LCS 400-392336/4	Lab Control Sample	Total/NA	Water	SM 5220D	
MRL 400-392336/2	Lab Control Sample	Total/NA	Water	SM 5220D	
400-151322-1 MS	SWA-1	Total/NA	Water	SM 5220D	
400-151322-1 MSD	SWA-1	Total/NA	Water	SM 5220D	

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-392922/36
Matrix: Water
Analysis Batch: 392922

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/05/18 18:17	1
Fluoride	<0.082		0.20	0.082	mg/L			04/05/18 18:17	1
Sulfate	<0.70		1.0	0.70	mg/L			04/05/18 18:17	1

Lab Sample ID: LCS 400-392922/37
Matrix: Water
Analysis Batch: 392922

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.45		mg/L		94	90 - 110
Fluoride	10.0	9.83		mg/L		98	90 - 110
Sulfate	10.0	9.84		mg/L		98	90 - 110

Lab Sample ID: LCSD 400-392922/38
Matrix: Water
Analysis Batch: 392922

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.37		mg/L		94	90 - 110	1	15
Fluoride	10.0	9.83		mg/L		98	90 - 110	0	15
Sulfate	10.0	9.87		mg/L		99	90 - 110	0	15

Lab Sample ID: 400-151220-A-8 MS
Matrix: Water
Analysis Batch: 392922

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1.6		10.0	11.3		mg/L		96	80 - 120
Fluoride	<0.082		10.0	9.93		mg/L		99	80 - 120
Sulfate	1.3		10.0	11.6		mg/L		103	80 - 120

Lab Sample ID: 400-151220-A-8 MSD
Matrix: Water
Analysis Batch: 392922

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1.6		10.0	11.3		mg/L		96	80 - 120	0	20
Fluoride	<0.082		10.0	10.0		mg/L		100	80 - 120	1	20
Sulfate	1.3		10.0	11.7		mg/L		104	80 - 120	1	20

Lab Sample ID: MB 400-393083/38
Matrix: Water
Analysis Batch: 393083

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/06/18 19:42	1
Fluoride	<0.082		0.20	0.082	mg/L			04/06/18 19:42	1
Sulfate	<0.70		1.0	0.70	mg/L			04/06/18 19:42	1

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 400-393083/39
Matrix: Water
Analysis Batch: 393083

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.51		mg/L		95	90 - 110
Fluoride	10.0	9.98		mg/L		100	90 - 110
Sulfate	10.0	10.0		mg/L		100	90 - 110

Lab Sample ID: LCSD 400-393083/40
Matrix: Water
Analysis Batch: 393083

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.48		mg/L		95	90 - 110	0	15
Fluoride	10.0	9.97		mg/L		100	90 - 110	0	15
Sulfate	10.0	9.92		mg/L		99	90 - 110	1	15

Lab Sample ID: 400-151428-A-14 MS
Matrix: Water
Analysis Batch: 393083

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	7.9		10.0	17.5		mg/L		96	80 - 120
Fluoride	<0.082		10.0	10.2		mg/L		102	80 - 120
Sulfate	160	E	10.0	170	E 4	mg/L		109	80 - 120

Lab Sample ID: 400-151428-A-14 MSD
Matrix: Water
Analysis Batch: 393083

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	7.9		10.0	17.5		mg/L		96	80 - 120	0	20
Fluoride	<0.082		10.0	10.2		mg/L		102	80 - 120	0	20
Sulfate	160	E	10.0	171	E 4	mg/L		114	80 - 120	0	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-391845/1-A ^5
Matrix: Water
Analysis Batch: 391973

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 391845

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		03/28/18 12:33	03/28/18 22:24	5
Copper	<0.0021		0.0025	0.0021	mg/L		03/28/18 12:33	03/28/18 22:24	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		03/28/18 12:33	03/28/18 22:24	5
Nickel	<0.0018		0.0025	0.0018	mg/L		03/28/18 12:33	03/28/18 22:24	5
Barium	<0.00049		0.0025	0.00049	mg/L		03/28/18 12:33	03/28/18 22:24	5
Silver	<0.00011		0.0013	0.00011	mg/L		03/28/18 12:33	03/28/18 22:24	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 22:24	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		03/28/18 12:33	03/28/18 22:24	5
Boron	<0.021		0.050	0.021	mg/L		03/28/18 12:33	03/28/18 22:24	5
Zinc	<0.0065		0.020	0.0065	mg/L		03/28/18 12:33	03/28/18 22:24	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		03/28/18 12:33	03/28/18 22:24	5

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 400-391845/1-A ^5
Matrix: Water
Analysis Batch: 391973

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 391845

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.13		0.25	0.13	mg/L		03/28/18 12:33	03/28/18 22:24	5
Chromium	<0.0011		0.0025	0.0011	mg/L		03/28/18 12:33	03/28/18 22:24	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		03/28/18 12:33	03/28/18 22:24	5
Lead	<0.00035		0.0013	0.00035	mg/L		03/28/18 12:33	03/28/18 22:24	5
Selenium	<0.00024		0.0013	0.00024	mg/L		03/28/18 12:33	03/28/18 22:24	5
Thallium	<0.000085		0.00050	0.000085	mg/L		03/28/18 12:33	03/28/18 22:24	5

Lab Sample ID: LCS 400-391845/2-A
Matrix: Water
Analysis Batch: 391973

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 391845

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0512		mg/L		102	80 - 120
Copper	0.0500	0.0484		mg/L		97	80 - 120
Arsenic	0.0500	0.0484		mg/L		97	80 - 120
Nickel	0.0500	0.0518		mg/L		104	80 - 120
Barium	0.0500	0.0499		mg/L		100	80 - 120
Silver	0.0500	0.0498		mg/L		100	80 - 120
Beryllium	0.0500	0.0503		mg/L		101	80 - 120
Vanadium	0.0500	0.0500		mg/L		100	80 - 120
Boron	0.100	0.103		mg/L		103	80 - 120
Zinc	0.0500	0.0503		mg/L		101	80 - 120
Cadmium	0.0500	0.0495		mg/L		99	80 - 120
Calcium	5.00	5.31		mg/L		106	80 - 120
Chromium	0.0500	0.0498		mg/L		100	80 - 120
Cobalt	0.0500	0.0490		mg/L		98	80 - 120
Lead	0.0500	0.0509		mg/L		102	80 - 120
Selenium	0.0500	0.0486		mg/L		97	80 - 120
Thallium	0.0100	0.0101		mg/L		101	80 - 120

Lab Sample ID: 400-151322-1 MS
Matrix: Water
Analysis Batch: 391973

Client Sample ID: SWA-1
Prep Type: Total Recoverable
Prep Batch: 391845

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.0010		0.0500	0.0541		mg/L		108	75 - 125
Antimony	<0.0010		0.0500	0.0541		mg/L		108	75 - 125
Copper	0.0037		0.0500	0.0518		mg/L		96	75 - 125
Copper	0.0037		0.0500	0.0518		mg/L		96	75 - 125
Arsenic	<0.00046		0.0500	0.0494		mg/L		99	75 - 125
Arsenic	<0.00046		0.0500	0.0494		mg/L		99	75 - 125
Nickel	<0.0018		0.0500	0.0541		mg/L		108	75 - 125
Nickel	<0.0018		0.0500	0.0541		mg/L		108	75 - 125
Barium	0.063		0.0500	0.113		mg/L		100	75 - 125
Barium	0.063		0.0500	0.113		mg/L		100	75 - 125
Silver	<0.00011		0.0500	0.0500		mg/L		100	75 - 125
Silver	<0.00011		0.0500	0.0500		mg/L		100	75 - 125
Beryllium	<0.00034		0.0500	0.0498		mg/L		100	75 - 125
Beryllium	<0.00034		0.0500	0.0498		mg/L		100	75 - 125

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-151322-1 MS

Matrix: Water

Analysis Batch: 391973

Client Sample ID: SWA-1

Prep Type: Total Recoverable

Prep Batch: 391845

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Vanadium	0.0033		0.0500	0.0532		mg/L		100		75 - 125
Vanadium	0.0033		0.0500	0.0532		mg/L		100		75 - 125
Boron	0.39		0.100	0.505		mg/L		115		75 - 125
Boron	0.39		0.100	0.505		mg/L		115		75 - 125
Zinc	0.0077	J	0.0500	0.0566		mg/L		98		75 - 125
Zinc	0.0077	J	0.0500	0.0566		mg/L		98		75 - 125
Cadmium	<0.00034		0.0500	0.0499		mg/L		100		75 - 125
Cadmium	<0.00034		0.0500	0.0499		mg/L		100		75 - 125
Calcium	24		5.00	28.6	4	mg/L		101		75 - 125
Calcium	24		5.00	28.6	4	mg/L		101		75 - 125
Chromium	<0.0011		0.0500	0.0507		mg/L		101		75 - 125
Chromium	<0.0011		0.0500	0.0507		mg/L		101		75 - 125
Cobalt	<0.00040		0.0500	0.0491		mg/L		98		75 - 125
Cobalt	<0.00040		0.0500	0.0491		mg/L		98		75 - 125
Lead	<0.00035		0.0500	0.0513		mg/L		103		75 - 125
Lead	<0.00035		0.0500	0.0513		mg/L		103		75 - 125
Selenium	0.0012	J	0.0500	0.0515		mg/L		101		75 - 125
Selenium	0.0012	J	0.0500	0.0515		mg/L		101		75 - 125
Thallium	0.00028	J	0.0100	0.0106		mg/L		103		75 - 125
Thallium	0.00028	J	0.0100	0.0106		mg/L		103		75 - 125

Lab Sample ID: 400-151322-1 MSD

Matrix: Water

Analysis Batch: 391973

Client Sample ID: SWA-1

Prep Type: Total Recoverable

Prep Batch: 391845

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Antimony	<0.0010		0.0500	0.0519		mg/L		104		75 - 125	4	20
Antimony	<0.0010		0.0500	0.0519		mg/L		104		75 - 125	4	20
Copper	0.0037		0.0500	0.0520		mg/L		97		75 - 125	0	20
Copper	0.0037		0.0500	0.0520		mg/L		97		75 - 125	0	20
Arsenic	<0.00046		0.0500	0.0500		mg/L		100		75 - 125	1	20
Arsenic	<0.00046		0.0500	0.0500		mg/L		100		75 - 125	1	20
Nickel	<0.0018		0.0500	0.0545		mg/L		109		75 - 125	1	20
Nickel	<0.0018		0.0500	0.0545		mg/L		109		75 - 125	1	20
Barium	0.063		0.0500	0.112		mg/L		99		75 - 125	1	20
Barium	0.063		0.0500	0.112		mg/L		99		75 - 125	1	20
Silver	<0.00011		0.0500	0.0505		mg/L		101		75 - 125	1	20
Silver	<0.00011		0.0500	0.0505		mg/L		101		75 - 125	1	20
Beryllium	<0.00034		0.0500	0.0500		mg/L		100		75 - 125	0	20
Beryllium	<0.00034		0.0500	0.0500		mg/L		100		75 - 125	0	20
Vanadium	0.0033		0.0500	0.0532		mg/L		100		75 - 125	0	20
Vanadium	0.0033		0.0500	0.0532		mg/L		100		75 - 125	0	20
Boron	0.39		0.100	0.503		mg/L		114		75 - 125	0	20
Boron	0.39		0.100	0.503		mg/L		114		75 - 125	0	20
Zinc	0.0077	J	0.0500	0.0570		mg/L		99		75 - 125	1	20
Zinc	0.0077	J	0.0500	0.0570		mg/L		99		75 - 125	1	20
Cadmium	<0.00034		0.0500	0.0504		mg/L		101		75 - 125	1	20
Cadmium	<0.00034		0.0500	0.0504		mg/L		101		75 - 125	1	20

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-151322-1 MSD
Matrix: Water
Analysis Batch: 391973

Client Sample ID: SWA-1
Prep Type: Total Recoverable
Prep Batch: 391845

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec.		RPD	Limit
				Result	Qualifier				Limits	RPD		
Calcium	24		5.00	28.9	4	mg/L		108	75 - 125	1	20	
Calcium	24		5.00	28.9	4	mg/L		108	75 - 125	1	20	
Chromium	<0.0011		0.0500	0.0509		mg/L		102	75 - 125	0	20	
Chromium	<0.0011		0.0500	0.0509		mg/L		102	75 - 125	0	20	
Cobalt	<0.00040		0.0500	0.0496		mg/L		99	75 - 125	1	20	
Cobalt	<0.00040		0.0500	0.0496		mg/L		99	75 - 125	1	20	
Lead	<0.00035		0.0500	0.0521		mg/L		104	75 - 125	2	20	
Lead	<0.00035		0.0500	0.0521		mg/L		104	75 - 125	2	20	
Selenium	0.0012	J	0.0500	0.0496		mg/L		97	75 - 125	4	20	
Selenium	0.0012	J	0.0500	0.0496		mg/L		97	75 - 125	4	20	
Thallium	0.00028	J	0.0100	0.0104		mg/L		101	75 - 125	2	20	
Thallium	0.00028	J	0.0100	0.0104		mg/L		101	75 - 125	2	20	

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-392489/14-A
Matrix: Water
Analysis Batch: 392873

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 392489

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.000138	J	0.00020	0.000070	mg/L		04/03/18 11:23	04/05/18 13:29	1

Lab Sample ID: LCS 400-392489/15-A
Matrix: Water
Analysis Batch: 392873

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 392489

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Mercury	0.00101	0.00107		mg/L		106	80 - 120

Lab Sample ID: 400-151352-R-1-C MS
Matrix: Water
Analysis Batch: 392873

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 392489

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec.	
				Result	Qualifier				Limits	RPD
Mercury	<0.000070	F1	0.00201	0.00247	F1	mg/L		123	80 - 120	

Lab Sample ID: 400-151352-R-1-D MSD
Matrix: Water
Analysis Batch: 392873

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 392489

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec.		RPD	Limit
				Result	Qualifier				Limits	RPD		
Mercury	<0.000070	F1	0.00201	0.00244	F1	mg/L		121	80 - 120	2	20	

Lab Sample ID: MB 400-393598/14-A
Matrix: Water
Analysis Batch: 393870

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 393598

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.000070		0.00020	0.000070	mg/L		04/11/18 17:19	04/13/18 09:38	1

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 400-393598/15-A
Matrix: Water
Analysis Batch: 393870

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 393598

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00101	0.00103		mg/L		102	80 - 120

Lab Sample ID: 400-151322-6 MS
Matrix: Water
Analysis Batch: 393870

Client Sample ID: SWC-5
Prep Type: Total/NA
Prep Batch: 393598

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	<0.000070		0.00201	0.00207		mg/L		103	80 - 120

Lab Sample ID: 400-151322-6 MSD
Matrix: Water
Analysis Batch: 393870

Client Sample ID: SWC-5
Prep Type: Total/NA
Prep Batch: 393598

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	<0.000070		0.00201	0.00199		mg/L		99	80 - 120	4	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 400-391566/1
Matrix: Water
Analysis Batch: 391566

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/27/18 12:35	1

Lab Sample ID: LCS 400-391566/2
Matrix: Water
Analysis Batch: 391566

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Total Dissolved Solids	293	246		mg/L		84	78 - 122

Lab Sample ID: 400-151322-1 DU
Matrix: Water
Analysis Batch: 391566

Client Sample ID: SWA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	210		206		mg/L		0	5

Lab Sample ID: MB 400-391578/1
Matrix: Water
Analysis Batch: 391578

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			03/27/18 13:42	1

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 400-391578/2
Matrix: Water
Analysis Batch: 391578

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	268		mg/L		91	78 - 122

Lab Sample ID: 400-151322-5 DU
Matrix: Water
Analysis Batch: 391578

Client Sample ID: SWC-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	210		206		mg/L		0	5

Lab Sample ID: 400-151322-6 DU
Matrix: Water
Analysis Batch: 391578

Client Sample ID: SWC-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	230		228		mg/L		0	5

Method: SM 4500 CN E - Cyanide, Total

Lab Sample ID: MB 400-391485/1-A
Matrix: Water
Analysis Batch: 391474

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 391485

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0050		0.0050	0.0050	mg/L		03/26/18 10:48	03/26/18 12:59	1

Lab Sample ID: LCS 400-391485/3-A
Matrix: Water
Analysis Batch: 391474

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 391485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.274	0.310		mg/L		113	75 - 125

Lab Sample ID: 400-151294-G-1-B MS
Matrix: Water
Analysis Batch: 391474

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 391485

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	<0.0050		0.200	0.196		mg/L		98	68 - 133

Lab Sample ID: 400-151294-G-1-C MSD
Matrix: Water
Analysis Batch: 391474

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 391485

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	<0.0050		0.200	0.200		mg/L		100	68 - 133	2	36

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Method: SM 4500 CN E - Cyanide, Total (Continued)

Lab Sample ID: 400-151255-A-1-B DU
Matrix: Water
Analysis Batch: 391474

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 391485

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Cyanide, Total	0.0072		0.00714		mg/L		0.6	36

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 400-391691/4
Matrix: Water
Analysis Batch: 391691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.1		SU		101	95 - 105

Lab Sample ID: 400-151322-8 DU
Matrix: Water
Analysis Batch: 391691

Client Sample ID: SWC-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
pH	7.0	HF	7.0		SU		0.1	5
Temperature	19.2	HF	19.2		Degrees C		0	30

Method: SM 5220D - COD

Lab Sample ID: MB 400-392336/3
Matrix: Water
Analysis Batch: 392336

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<6.4		10	6.4	mg/L			04/02/18 11:49	1

Lab Sample ID: LCS 400-392336/4
Matrix: Water
Analysis Batch: 392336

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chemical Oxygen Demand	50.0	52.0		mg/L		104	90 - 110

Lab Sample ID: MRL 400-392336/2
Matrix: Water
Analysis Batch: 392336

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Chemical Oxygen Demand	30.0	27.2		mg/L		91	50 - 150

Lab Sample ID: 400-151322-1 MS
Matrix: Water
Analysis Batch: 392336

Client Sample ID: SWA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chemical Oxygen Demand	18	F1	75.0	96.8		mg/L		106	90 - 110

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Method: SM 5220D - COD (Continued)

Lab Sample ID: 400-151322-1 MSD
Matrix: Water
Analysis Batch: 392336

Client Sample ID: SWA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chemical Oxygen Demand	18	F1	75.0	102	F1	mg/L		113	90 - 110	5	13

Method: SM 5310B - Organic Carbon, Total (TOC)

Lab Sample ID: MB 400-391597/4
Matrix: Water
Analysis Batch: 391597

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	<0.50		1.0	0.50	mg/L			03/26/18 20:10	1

Lab Sample ID: LCS 400-391597/5
Matrix: Water
Analysis Batch: 391597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	10.0	8.87		mg/L		89	80 - 120

Lab Sample ID: MRL 400-391597/2
Matrix: Water
Analysis Batch: 391597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	1.00	0.910	J	mg/L		91	50 - 150

Lab Sample ID: 400-151160-G-1 MS
Matrix: Water
Analysis Batch: 391597

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	2.9		5.00	7.67		mg/L		96	76 - 117

Lab Sample ID: 400-151160-G-1 MSD
Matrix: Water
Analysis Batch: 391597

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon	2.9		5.00	7.50		mg/L		93	76 - 117	2	16

Chain of Custody Record

Client Information		Sampler: Whitmire, Chelyenne R		Carrier Tracking No(s): 400-72905-28837.1	
Client Contact: Joju Abraham		Lab PM: Whitmire, Chelyenne R		COC No: 400-72905-28837.1	
Company: Southern Company		E-Mail: chelyenne.whitmire@testamericainc.com		Page: Page 1 of 1	
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:		Job #:	
City: Atlanta		TAT Requested (days):		Preservation Codes:	
State, Zip: GA, 30308		PO #: SCS10347656		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Phone:		WO #:		M - Hexane N - None O - AsNaO2 P - Na2CO3 Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 X - EDTA Z - other (specify)	
Email: JAbraham@southernco.com		Project #: 40008128		Special Instructions/Note:	
Project Name: CCR - Plant, Scherer Surface Waters		SSOW#:		Total Number of Containers	
Site:		Field Filtered Sample (Yes or No)		7	
Sample Identification		Perform MS/MSD (Yes or No)		7	
SWA-1	Sample Date: 3/23/18	Sample Time: 1045	Sample Type (C=Comp, G=grab)	300_ORGFM_28D - Chloride, Fluoride & Sulfate	7
SWA-2	3/23/18	1245		SM4500_H+ - pH & Temperature	7
SWA-3	3/23/18	1230		2540C - TDS	7
SWC-7	3/23/18	1135		6020_Sb,As,Ba,Bi,Cd,Cr,Cu,Pb,Se,Ti+Ag,Cu,Mn,V,Zn	7
SWC-4	3/23/18	1105		5220D - COD	7
SWC-5	3/23/18	1120		5M310B - TOC	7
SWC-6	3/23/18	1145		4500_CN_E - Cyanide, Total	7
SWC-8	3/23/18	1215		7470A-Hg	7
Possible Hazard Identification		Matrix (W=water, S=solid, O=soil, BT=tissue, A=Ab)		Special Instructions/Note:	
Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological <input type="checkbox"/>		Water		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Deliverable Requested: I, II, III, IV, Other (specify)		Water		Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For <input type="checkbox"/> Months	
Empty Kit Relinquished by:		Date:		Special Instructions/QC Requirements:	
Relinquished by: <i>Yam...</i>		Date: 3-23-18 / 1630		Received by: <i>E. J. J...</i>	
Relinquished by: <i>...</i>		Date: 3/23/18 / 1610		Received by: <i>...</i>	
Relinquished by: <i>...</i>		Date: 3/23/18 / 1610		Received by: <i>...</i>	
Custody Seal No.:		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 0.0°C 2.3°C IR-7	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 400-151322-1
SDG Number: Surface Waters

Login Number: 151322

List Number: 1

Creator: Johnson, Jeremy N

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C 2.3°C IR7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151322-1
SDG: Surface Waters

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-18
ANAB	ISO/IEC 17025		L2471	02-22-20
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-18
California	ELAP	9	2510	03-31-18 *
Florida	NELAP	4	E81010	06-30-18
Georgia	State Program	4	N/A	06-30-18
Illinois	NELAP	5	200041	10-09-18
Iowa	State Program	7	367	08-01-18
Kansas	NELAP	7	E-10253	10-31-18
Kentucky (UST)	State Program	4	53	06-30-18
Kentucky (WW)	State Program	4	98030	12-31-18
Louisiana	NELAP	6	30976	06-30-18
Louisiana (DW)	NELAP	6	LA170005	12-31-18
Maryland	State Program	3	233	09-30-18
Massachusetts	State Program	1	M-FL094	06-30-18
Michigan	State Program	5	9912	06-30-18
New Jersey	NELAP	2	FL006	06-30-18
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-18
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-18
Tennessee	State Program	4	TN02907	06-30-18
Texas	NELAP	6	T104704286-17-12	09-30-18
USDA	Federal		P330-16-00172	05-24-19
Virginia	NELAP	3	460166	06-14-18
Washington	State Program	10	C915	05-15-18
West Virginia DEP	State Program	3	136	06-30-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pensacola

3355 McLemore Drive

Pensacola, FL 32514

Tel: (850)474-1001

TestAmerica Job ID: 400-151429-1

TestAmerica Sample Delivery Group: Effluent

Client Project/Site: CCR - Plant Scherer

For:

Southern Company

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B10185

Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:

4/12/2018 3:16:41 PM

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
SDG: Effluent

Job ID: 400-151429-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative 400-151429-1

Metals

Method(s) 3005A: The following sample was diluted due to containing a lot of sediment and becoming very turbid after homogenization: EFFLUENT (400-151429-1). Elevated reporting limits (RL) are provided.

Method(s) 6020: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 393096 and analytical batch 393373 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 6020: The following sample was diluted to bring the concentration of target analytes within the calibration range: EFFLUENT (400-151429-1). Elevated reporting limits (RLs) are provided.

Method(s) 6020: The following sample was diluted due to the nature of the sample matrix: EFFLUENT (400-151429-1). Elevated reporting limits (RLs) are provided.

Method(s) 7470A: The following sample was diluted to bring the concentration of target analytes within the calibration range: EFFLUENT (400-151429-1). Elevated reporting limits (RLs) are provided.



Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
SDG: Effluent

Client Sample ID: EFFLUENT

Lab Sample ID: 400-151429-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.020		0.013	0.0050	mg/L	5		6020	Total
Copper	0.11		0.013	0.011	mg/L	5		6020	Recoverable Total
Nickel	0.31		0.013	0.0090	mg/L	5		6020	Recoverable Total
Barium	1.9		0.013	0.0025	mg/L	5		6020	Recoverable Total
Silver	0.00068	J	0.0063	0.00055	mg/L	5		6020	Recoverable Total
Beryllium	0.0040	J	0.013	0.0017	mg/L	5		6020	Recoverable Total
Vanadium	0.098		0.013	0.0070	mg/L	5		6020	Recoverable Total
Zinc	0.63		0.10	0.033	mg/L	5		6020	Recoverable Total
Cadmium	0.011	J	0.013	0.0017	mg/L	5		6020	Recoverable Total
Chromium	0.15		0.013	0.0055	mg/L	5		6020	Recoverable Total
Cobalt	0.065		0.013	0.0020	mg/L	5		6020	Recoverable Total
Lead	0.055		0.0063	0.0018	mg/L	5		6020	Recoverable Total
Selenium	0.19		0.0063	0.0012	mg/L	5		6020	Recoverable Total
Arsenic - DL	0.060		0.031	0.012	mg/L	25		6020	Recoverable Total
Mercury	0.038		0.0040	0.0014	mg/L	20		7470A	Recoverable Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
SDG: Effluent

Method	Method Description	Protocol	Laboratory
6020	Metals (ICP/MS)	SW846	TAL PEN
7470A	Mercury (CVAA)	SW846	TAL PEN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

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Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
SDG: Effluent

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-151429-1	EFFLUENT	Water	03/26/18 13:20	03/28/18 09:44

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
SDG: Effluent

Client Sample ID: EFFLUENT

Lab Sample ID: 400-151429-1

Date Collected: 03/26/18 13:20

Matrix: Water

Date Received: 03/28/18 09:44

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.020		0.013	0.0050	mg/L		04/07/18 12:25	04/10/18 01:43	5
Copper	0.11		0.013	0.011	mg/L		04/07/18 12:25	04/10/18 01:43	5
Nickel	0.31		0.013	0.0090	mg/L		04/07/18 12:25	04/10/18 01:43	5
Barium	1.9		0.013	0.0025	mg/L		04/07/18 12:25	04/10/18 01:43	5
Silver	0.00068	J	0.0063	0.00055	mg/L		04/07/18 12:25	04/10/18 01:43	5
Beryllium	0.0040	J	0.013	0.0017	mg/L		04/07/18 12:25	04/10/18 01:43	5
Vanadium	0.098		0.013	0.0070	mg/L		04/07/18 12:25	04/10/18 01:43	5
Zinc	0.63		0.10	0.033	mg/L		04/07/18 12:25	04/10/18 01:43	5
Cadmium	0.011	J	0.013	0.0017	mg/L		04/07/18 12:25	04/10/18 01:43	5
Chromium	0.15		0.013	0.0055	mg/L		04/07/18 12:25	04/10/18 01:43	5
Cobalt	0.065		0.013	0.0020	mg/L		04/07/18 12:25	04/10/18 01:43	5
Lead	0.055		0.0063	0.0018	mg/L		04/07/18 12:25	04/10/18 01:43	5
Selenium	0.19		0.0063	0.0012	mg/L		04/07/18 12:25	04/10/18 01:43	5
Thallium	<0.00043		0.0025	0.00043	mg/L		04/07/18 12:25	04/10/18 01:43	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.060		0.031	0.012	mg/L		04/07/18 12:25	04/10/18 12:36	25

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038		0.0040	0.0014	mg/L		04/10/18 14:31	04/11/18 15:02	20

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
SDG: Effluent

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
SDG: Effluent

Client Sample ID: EFFLUENT

Lab Sample ID: 400-151429-1

Date Collected: 03/26/18 13:20

Matrix: Water

Date Received: 03/28/18 09:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			393096	04/07/18 12:25	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393373	04/10/18 01:43	DRE	TAL PEN
Total Recoverable	Prep	3005A	DL		393096	04/07/18 12:25	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	25	393442	04/10/18 12:36	DRE	TAL PEN
Total/NA	Prep	7470A			393419	04/10/18 14:31	JAP	TAL PEN
Total/NA	Analysis	7470A		20	393589	04/11/18 15:02	JAP	TAL PEN

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
SDG: Effluent

Metals

Prep Batch: 393096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151429-1	EFFLUENT	Total Recoverable	Water	3005A	
400-151429-1 - DL	EFFLUENT	Total Recoverable	Water	3005A	
MB 400-393096/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-393096/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-151478-G-5-B MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-151478-G-5-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 393373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151429-1	EFFLUENT	Total Recoverable	Water	6020	393096
LCS 400-393096/2-A	Lab Control Sample	Total Recoverable	Water	6020	393096
400-151478-G-5-B MS ^5	Matrix Spike	Total Recoverable	Water	6020	393096
400-151478-G-5-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	393096

Prep Batch: 393419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151429-1	EFFLUENT	Total/NA	Water	7470A	
MB 400-393419/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-393419/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-151426-G-11-E MS	Matrix Spike	Total/NA	Water	7470A	
400-151426-G-11-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 393442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151429-1 - DL	EFFLUENT	Total Recoverable	Water	6020	393096
MB 400-393096/1-A ^5	Method Blank	Total Recoverable	Water	6020	393096

Analysis Batch: 393589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151429-1	EFFLUENT	Total/NA	Water	7470A	393419
MB 400-393419/14-A	Method Blank	Total/NA	Water	7470A	393419
LCS 400-393419/15-A	Lab Control Sample	Total/NA	Water	7470A	393419
400-151426-G-11-E MS	Matrix Spike	Total/NA	Water	7470A	393419
400-151426-G-11-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	393419

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
SDG: Effluent

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-393096/1-A ^5
Matrix: Water
Analysis Batch: 393442

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 393096

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		04/07/18 12:25	04/10/18 12:22	5
Copper	<0.0021		0.0025	0.0021	mg/L		04/07/18 12:25	04/10/18 12:22	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		04/07/18 12:25	04/10/18 12:22	5
Nickel	<0.0018		0.0025	0.0018	mg/L		04/07/18 12:25	04/10/18 12:22	5
Barium	<0.00049		0.0025	0.00049	mg/L		04/07/18 12:25	04/10/18 12:22	5
Silver	<0.00011		0.0013	0.00011	mg/L		04/07/18 12:25	04/10/18 12:22	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		04/07/18 12:25	04/10/18 12:22	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		04/07/18 12:25	04/10/18 12:22	5
Zinc	<0.0065		0.020	0.0065	mg/L		04/07/18 12:25	04/10/18 12:22	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		04/07/18 12:25	04/10/18 12:22	5
Chromium	<0.0011		0.0025	0.0011	mg/L		04/07/18 12:25	04/10/18 12:22	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		04/07/18 12:25	04/10/18 12:22	5
Lead	<0.00035		0.0013	0.00035	mg/L		04/07/18 12:25	04/10/18 12:22	5
Selenium	<0.00024		0.0013	0.00024	mg/L		04/07/18 12:25	04/10/18 12:22	5
Thallium	<0.000085		0.00050	0.000085	mg/L		04/07/18 12:25	04/10/18 12:22	5

Lab Sample ID: LCS 400-393096/2-A
Matrix: Water
Analysis Batch: 393373

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 393096

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	0.0500	0.0522		mg/L		104	80 - 120
Copper	0.0500	0.0503		mg/L		101	80 - 120
Arsenic	0.0500	0.0521		mg/L		104	80 - 120
Nickel	0.0500	0.0512		mg/L		102	80 - 120
Barium	0.0500	0.0504		mg/L		101	80 - 120
Silver	0.0500	0.0501		mg/L		100	80 - 120
Beryllium	0.0500	0.0528		mg/L		106	80 - 120
Vanadium	0.0500	0.0487		mg/L		97	80 - 120
Zinc	0.0500	0.0512		mg/L		102	80 - 120
Cadmium	0.0500	0.0497		mg/L		99	80 - 120
Chromium	0.0500	0.0479		mg/L		96	80 - 120
Cobalt	0.0500	0.0507		mg/L		101	80 - 120
Lead	0.0500	0.0513		mg/L		103	80 - 120
Selenium	0.0500	0.0487		mg/L		97	80 - 120
Thallium	0.0100	0.00960		mg/L		96	80 - 120

Lab Sample ID: 400-151478-G-5-B MS ^5
Matrix: Water
Analysis Batch: 393373

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 393096

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Antimony	<0.0010		0.0500	0.0534		mg/L		107	75 - 125
Copper	<0.0021		0.0500	0.0530		mg/L		106	75 - 125
Arsenic	<0.00046	^	0.0500	0.0554	^	mg/L		111	75 - 125
Nickel	<0.0018		0.0500	0.0548		mg/L		110	75 - 125
Barium	0.085		0.0500	0.142		mg/L		114	75 - 125
Silver	<0.00011		0.0500	0.0521		mg/L		104	75 - 125

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
SDG: Effluent

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-151478-G-5-B MS ^5
Matrix: Water
Analysis Batch: 393373

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 393096

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	<0.00034		0.0500	0.0548		mg/L		110	75 - 125
Vanadium	<0.0014		0.0500	0.0486		mg/L		97	75 - 125
Zinc	<0.0065		0.0500	0.0581		mg/L		116	75 - 125
Cadmium	<0.00034		0.0500	0.0496		mg/L		99	75 - 125
Chromium	<0.0011		0.0500	0.0502		mg/L		100	75 - 125
Cobalt	0.0014	J	0.0500	0.0534		mg/L		104	75 - 125
Lead	<0.00035		0.0500	0.0517		mg/L		103	75 - 125
Selenium	<0.00024		0.0500	0.0504		mg/L		101	75 - 125
Thallium	<0.000085		0.0100	0.00985		mg/L		98	75 - 125

Lab Sample ID: 400-151478-G-5-C MSD ^5
Matrix: Water
Analysis Batch: 393373

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 393096

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	<0.0010		0.0500	0.0517		mg/L		103	75 - 125	3	20
Copper	<0.0021		0.0500	0.0533		mg/L		107	75 - 125	1	20
Arsenic	<0.00046	^	0.0500	0.0565	^	mg/L		113	75 - 125	2	20
Nickel	<0.0018		0.0500	0.0543		mg/L		109	75 - 125	1	20
Barium	0.085		0.0500	0.138		mg/L		106	75 - 125	3	20
Silver	<0.00011		0.0500	0.0519		mg/L		104	75 - 125	0	20
Beryllium	<0.00034		0.0500	0.0551		mg/L		110	75 - 125	1	20
Vanadium	<0.0014		0.0500	0.0493		mg/L		99	75 - 125	1	20
Zinc	<0.0065		0.0500	0.0561		mg/L		112	75 - 125	4	20
Cadmium	<0.00034		0.0500	0.0492		mg/L		98	75 - 125	1	20
Chromium	<0.0011		0.0500	0.0499		mg/L		100	75 - 125	1	20
Cobalt	0.0014	J	0.0500	0.0536		mg/L		104	75 - 125	0	20
Lead	<0.00035		0.0500	0.0516		mg/L		103	75 - 125	0	20
Selenium	<0.00024		0.0500	0.0481		mg/L		96	75 - 125	5	20
Thallium	<0.000085		0.0100	0.00971		mg/L		97	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-393419/14-A
Matrix: Water
Analysis Batch: 393589

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 393419

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		04/10/18 13:45	04/11/18 12:49	1

Lab Sample ID: LCS 400-393419/15-A
Matrix: Water
Analysis Batch: 393589

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 393419

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00101	0.000962		mg/L		96	80 - 120

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
 SDG: Effluent

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 400-151426-G-11-E MS
Matrix: Water
Analysis Batch: 393589

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 393419

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	<0.000070		0.00201	0.00197		mg/L		98	80 - 120

Lab Sample ID: 400-151426-G-11-F MSD
Matrix: Water
Analysis Batch: 393589

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 393419

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	<0.000070		0.00201	0.00189		mg/L		94	80 - 120	4	20

- 1
- 2
- 3
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- 13
- 14

Chain of Custody Record

Client Information		Sampler: Ben Hodges		Lab PM: Whitmire, Cheyenne R		Carrier Tracking No(s):		COC No: 400-68569-27833.6	
Client Contact: Joju Abraham		Phone: 912-258-7457		E-Mail: cheyenne.whitmire@testamericainc.com				Page: 1 of 1	
Company: Southern Company								Job #:	
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:		Analysis Requested		Total Number of Containers		Preservation Codes:	
City: Atlanta		TAT Requested (days):		Perform MS/MSD (Yes or No)		State 6020 - As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, TI, V, Zn & 7470 - Hg		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 X - EDTA Y - EDA Z - other (specify)	
State, Zip: GA, 30308		PO #: SCS10347656		Chloride & Sulfate		6020 - Boron & Calcium		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Phone:		WO #:		2540C - Total Dissolved Solids, 300_ORGF_M_28D-Fluoride,		Field Filtered Sample (Yes or No)		Special Instructions/Note:	
Email: JAbraham@southernco.com		Project #: 40008128		Perform MS/MSD (Yes or No)		N		Sampled from Unit 3	
Project Name: CCR - Plant Scherer App III		SSOW#:		Sample Type (C=comp, G=grab)		G		RAD - ST Low 3	
Site: Effluent		Sample Date: 3/26/18		Sample Time: 1320		Water			
Sample Identification		Sample Date		Sample Time		Sample Type			
Effluent		3/26/18		1320		G			
Possible Hazard Identification		Sample Date		Sample Time		Sample Type			
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological									
Deliverable Requested: I, II, III, IV, Other (specify)									
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Ben Hodges		3/27/18 0800		Company: NOW		Received by: T E Rod		Date/Time: 3-28-17 0800	
Relinquished by:		Date/Time: 3-27-18 10:05		Company: TA		Received by:		Date/Time: 3-28-18 0944	
Relinquished by:		Date/Time: 3/27/18 16:00		Company: TA		Received by:		Date/Time: 3-28-18 0944	
Custody Seals Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Custody Seal No: 450043		Cooler Temperature(s) °C and Other Remarks: 0.0°C IR7 00					



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 400-151429-1

SDG Number: Effluent

Login Number: 151429

List Number: 1

Creator: Whitmire, Cheyenne R

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C IR8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-151429-1
SDG: Effluent

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-18
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-18
California	ELAP	9	2510	03-31-18 *
Florida	NELAP	4	E81010	06-30-18
Georgia	State Program	4	N/A	06-30-18
Illinois	NELAP	5	200041	10-09-18
Iowa	State Program	7	367	08-01-18
Kansas	NELAP	7	E-10253	10-31-18
Kentucky (UST)	State Program	4	53	06-30-18
Kentucky (WW)	State Program	4	98030	12-31-18
L-A-B	ISO/IEC 17025		L2471	02-22-20
Louisiana	NELAP	6	30976	06-30-18
Louisiana (DW)	NELAP	6	LA170005	12-31-18
Maryland	State Program	3	233	09-30-18
Massachusetts	State Program	1	M-FL094	06-30-18
Michigan	State Program	5	9912	06-30-18
New Jersey	NELAP	2	FL006	06-30-18
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-18
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-18
Tennessee	State Program	4	TN02907	06-30-18
Texas	NELAP	6	T104704286-17-12	09-30-18
USDA	Federal		P330-16-00172	05-24-19
Virginia	NELAP	3	460166	06-14-18
Washington	State Program	10	C915	05-15-18
West Virginia DEP	State Program	3	136	06-30-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Product Name: Low-Flow System

Date: 2018-03-20 10:20:32

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 24 ft

Pump placement from TOC 24 ft

Well Information:

Well ID GWA-15
Well diameter 2 in
Well Total Depth 29.59 ft
Screen Length 10 ft
Depth to Water 9.80 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.1971222 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 2.4 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	10:03:41	300.09	20.48	5.51	67.28	3.20	10.00	0.28	69.16
Last 5	10:08:41	600.02	20.31	5.49	64.46	3.11	10.00	0.22	63.85
Last 5	10:13:41	900.02	20.39	5.48	64.82	2.61	10.00	0.17	61.39
Last 5	10:18:41	1200.02	20.56	5.48	64.74	2.60	10.00	0.14	59.88
Last 5									
Variance 0			-0.17	-0.02	-2.81			-0.06	-5.31
Variance 1			0.08	-0.01	0.36			-0.04	-2.46
Variance 2			0.17	-0.00	-0.09			-0.04	-1.51

Notes

Began purging @ 0958
Stopped sampling and began purging at 1020

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-20 10:27:31

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 53 ft

Pump placement from TOC 53 ft

Well Information:

Well ID GWA-16
Well diameter 2 in
Well Total Depth 57.93 ft
Screen Length 10 ft
Depth to Water 32.9 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.4515614 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.32 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	10:05:29	300.10	22.84	6.73	110.89	8.27	32.96	6.60	97.39
Last 5	10:10:29	600.03	19.95	6.51	114.75	5.56	32.98	6.48	74.48
Last 5	10:15:29	900.03	19.70	6.43	114.78	4.85	32.99	6.55	68.74
Last 5	10:20:29	1200.02	19.75	6.40	113.91	3.23	33.00	6.40	65.86
Last 5	10:25:34	1505.02	19.63	6.36	114.23	2.98	33.01	6.28	65.06
Variance 0			-0.25	-0.09	0.03			0.06	-5.74
Variance 1			0.05	-0.03	-0.87			-0.15	-2.87
Variance 2			-0.12	-0.03	0.32			-0.12	-0.80

Notes

Sampled GWA-16 at 1025, 3-20-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-20 12:36:11

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 42 ft

Pump placement from TOC 42 ft

Well Information:

Well ID GWA-17
Well diameter 2 in
Well Total Depth 46.76 ft
Screen Length 10 ft
Depth to Water 32.9 ft

Pumping Information:

Final Pumping Rate 100 mL/min
Total System Volume 0.4024638 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.68 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	12:15:04	600.03	20.93	5.94	83.00	5.12	33.03	6.56	60.60
Last 5	12:20:04	900.02	21.15	5.95	83.17	4.17	33.03	6.41	59.08
Last 5	12:25:04	1200.02	20.75	5.97	83.74	3.40	33.04	6.39	59.01
Last 5	12:30:04	1500.02	20.36	5.92	83.82	3.04	33.04	6.35	61.40
Last 5	12:35:04	1800.01	20.35	5.97	83.73	3.19	33.04	6.31	62.86
Variance 0			-0.40	0.02	0.57			-0.02	-0.07
Variance 1			-0.39	-0.05	0.08			-0.03	2.38
Variance 2			-0.01	0.05	-0.09			-0.04	1.46

Notes

Sampled GWA-17 at 1235, 3-20-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-20 12:42:02

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 34 ft

Pump placement from TOC 34 ft

Well Information:

Well ID GWC-1
Well diameter 2 in
Well Total Depth 38.72 ft
Screen Length 10 ft
Depth to Water 7.20 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.2417564 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 5.28 in
Total Volume Pumped 3.2 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	12:24:58	300.08	21.67	6.62	194.80	0.49	7.64	4.26	73.30
Last 5	12:29:58	600.02	21.55	6.63	193.56	0.27	7.64	4.28	69.35
Last 5	12:34:58	900.02	21.48	6.63	192.51	0.54	7.64	4.32	66.31
Last 5	12:39:58	1200.02	21.32	6.63	190.77	0.44	7.64	4.30	64.01
Last 5									
Variance 0			-0.12	0.00	-1.24			0.02	-3.95
Variance 1			-0.07	0.01	-1.05			0.04	-3.03
Variance 2			-0.15	0.00	-1.74			-0.02	-2.31

Notes

Began purging at 1219
Stopped purging and began sampling at 1240

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-20 13:49:01

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 54 ft

Pump placement from TOC 54 ft

Well Information:

Well ID GWC-2
Well diameter 2 in
Well Total Depth 58.74 ft
Screen Length 10 ft
Depth to Water 11.74 ft

Pumping Information:

Final Pumping Rate 160 mL/min
Total System Volume 0.3310249 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 15.12 in
Total Volume Pumped 3.2 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	13:32:24	300.08	21.90	6.52	176.52	0.79	13.00	2.92	67.04
Last 5	13:37:24	600.02	21.57	6.52	177.02	1.11	13.00	2.88	64.21
Last 5	13:42:24	900.02	21.95	6.52	176.49	0.83	13.00	2.80	62.04
Last 5	13:47:24	1200.02	22.35	6.52	176.93	0.87	13.00	2.74	60.73
Last 5									
Variance 0			-0.33	-0.00	0.50			-0.04	-2.83
Variance 1			0.38	0.00	-0.53			-0.08	-2.16
Variance 2			0.40	0.00	0.44			-0.06	-1.31

Notes

Began purging at 1327
Stopped purging and began sampling at 1350

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-21 12:32:02

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 45 ft

Pump placement from TOC 45 ft

Well Information:

Well ID GWC-3
Well diameter 2 in
Well Total Depth 50.16 ft
Screen Length 10 ft
Depth to Water 32.75 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.415854 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.68 in
Total Volume Pumped 3.6 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	12:10:42	600.02	16.27	5.97	112.77	11.63	32.89	4.32	59.87
Last 5	12:15:42	900.02	16.11	5.96	111.54	8.52	32.89	4.33	59.90
Last 5	12:20:44	1202.01	16.21	5.96	112.03	6.92	32.89	4.32	59.26
Last 5	12:25:44	1502.01	16.02	5.96	113.65	5.66	32.89	4.33	60.01
Last 5	12:30:44	1802.01	16.06	5.96	113.60	4.86	32.89	4.38	60.25
Variance 0			0.10	0.00	0.49			-0.01	-0.63
Variance 1			-0.19	-0.00	1.62			0.02	0.75
Variance 2			0.04	0.00	-0.06			0.05	0.23

Notes

Sampled GWC-3 at 1230, 3-21-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-21 13:36:31

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 38 ft

Pump placement from TOC 38 ft

Well Information:

Well ID GWC-4
Well diameter 2 in
Well Total Depth 43.41 ft
Screen Length 10 ft
Depth to Water 31.30 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.3846101 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3.6 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	13:14:54	300.05	17.50	6.30	189.47	3.43	31.55	6.06	73.66
Last 5	13:19:54	600.03	17.19	6.23	192.43	1.79	31.59	4.93	70.27
Last 5	13:24:54	900.03	17.19	6.23	192.69	1.00	31.59	4.73	68.96
Last 5	13:29:55	1201.02	17.18	6.23	193.39	0.64	31.60	4.52	68.73
Last 5	13:34:55	1501.02	16.87	6.23	193.94	0.77	31.60	4.47	68.38
Variance 0			-0.00	-0.00	0.26			-0.19	-1.31
Variance 1			-0.01	-0.00	0.70			-0.21	-0.23
Variance 2			-0.31	-0.00	0.55			-0.05	-0.34

Notes

Sampled GWC-4 at 1335, 3-21-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-22 11:02:02

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 29 ft

Pump placement from TOC 29 ft

Well Information:

Well ID GWC-5
Well diameter 2 in
Well Total Depth 34.10 ft
Screen Length 10 ft
Depth to Water 19.45 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.2194393 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.8 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	10:45:22	300.02	17.99	5.96	1256.48	0.53	19.60	3.29	45.67
Last 5	10:50:22	600.10	18.66	5.93	1242.05	0.53	19.60	3.17	50.57
Last 5	10:55:22	900.10	18.97	5.90	1240.80	0.48	19.60	3.10	54.39
Last 5	11:00:22	1200.10	19.06	5.90	1237.95	0.53	19.60	3.06	57.49
Last 5									
Variance 0			0.67	-0.02	-14.43			-0.12	4.90
Variance 1			0.31	-0.03	-1.25			-0.07	3.82
Variance 2			0.09	-0.00	-2.84			-0.04	3.10

Notes

Began purging at 1040
Stopped purging and began sampling at 1100

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-21 14:48:33

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 43 ft

Pump placement from TOC 43 ft

Well Information:

Well ID GWC-6
Well diameter 2 in
Well Total Depth 48.5 ft
Screen Length 10 ft
Depth to Water 39.27 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.4069272 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 0.36 in
Total Volume Pumped 6 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	14:30:09	300.09	17.99	6.22	221.13	3.26	39.30	6.63	73.93
Last 5	14:35:09	600.03	17.85	6.21	215.85	1.97	39.30	6.52	72.80
Last 5	14:40:09	900.02	17.62	6.22	212.09	1.69	39.30	6.33	72.57
Last 5	14:45:10	1201.02	17.27	6.21	210.34	1.30	39.30	6.30	73.31
Last 5									
Variance 0			-0.13	-0.01	-5.28			-0.11	-1.13
Variance 1			-0.24	0.01	-3.77			-0.20	-0.22
Variance 2			-0.35	-0.00	-1.75			-0.02	0.74

Notes

Purged at 400ml/min for 10min, then 200ml/min for 10min for exceeding 3 well volumes (5.69L). Sampled GWC-6 at 1445, 3-21-18.

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-22 09:48:02

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 54 ft

Pump placement from TOC 54 ft

Well Information:

Well ID GWC-7
Well diameter 2 in
Well Total Depth 58.72 ft
Screen Length 10 ft
Depth to Water 42.31 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.4560249 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3.36 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	09:31:20	300.09	14.21	6.56	160.48	6.23	42.59	8.54	75.60
Last 5	09:36:20	600.07	15.35	6.43	157.65	3.00	42.59	8.11	69.07
Last 5	09:41:20	900.05	15.66	6.36	156.71	2.97	42.59	7.90	68.16
Last 5	09:46:21	1201.02	15.35	6.34	157.98	2.60	42.59	7.81	67.11
Last 5									
Variance 0			1.14	-0.13	-2.83			-0.42	-6.52
Variance 1			0.31	-0.08	-0.94			-0.21	-0.91
Variance 2			-0.31	-0.02	1.27			-0.09	-1.05

Notes

Sampled GWC-7 at 0945, 3-22-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-22 09:53:31

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 42 ft

Pump placement from TOC 42 ft

Well Information:

Well ID GWC-8A
Well diameter 2 in
Well Total Depth 47.50 ft
Screen Length 10 ft
Depth to Water 21.92 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.2774638 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3.36 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	09:31:50	300.02	16.56	7.08	330.57	0.98	22.20	0.32	21.06
Last 5	09:36:50	600.02	17.14	7.08	328.17	0.83	22.20	0.26	21.52
Last 5	09:41:50	900.02	17.29	7.06	317.55	0.71	22.20	0.22	21.37
Last 5	09:46:50	1200.02	17.14	7.05	319.30	0.65	22.20	0.20	20.52
Last 5	09:51:50	1500.02	17.68	7.05	316.92	0.63	22.20	0.21	19.78
Variance 0			0.15	-0.03	-10.62			-0.05	-0.15
Variance 1			-0.15	-0.01	1.75			-0.01	-0.85
Variance 2			0.54	-0.00	-2.38			0.00	-0.74

Notes

Began purging at 0926
Stopped purging and began sampling at 0955

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-21 14:03:07

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 15 ft

Pump placement from TOC 15 ft

Well Information:

Well ID GWC-9
Well diameter 2 in
Well Total Depth 20.25 ft
Screen Length 10 ft
Depth to Water 6.10 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.1569514 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 6.6 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	13:50:54	300.02	17.94	6.77	201.92	1.62	6.61	1.56	56.65
Last 5	13:55:54	600.02	18.48	6.76	201.46	1.61	6.64	1.53	52.18
Last 5	14:00:54	900.02	18.34	6.76	198.36	1.61	6.65	1.51	49.48
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			0.53	-0.00	-0.46			-0.03	-4.47
Variance 2			-0.13	-0.00	-3.10			-0.02	-2.70

Notes

Began purging at 1345
Stopped purging and began sampling at 1400

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-21 13:06:21

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 35 ft

Pump placement from TOC 35 ft

Well Information:

Well ID GWC-10
Well diameter 2 in
Well Total Depth 40.65 ft
Screen Length 10 ft
Depth to Water 9.50 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.2462198 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 2.64 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	12:53:47	300.08	18.55	6.60	180.52	0.77	9.72	3.07	60.66
Last 5	12:58:47	600.02	18.45	6.59	179.86	0.72	9.72	2.88	56.23
Last 5	13:03:47	900.02	18.69	6.56	180.19	0.60	9.72	2.59	52.65
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			-0.10	-0.01	-0.65			-0.19	-4.43
Variance 2			0.25	-0.02	0.33			-0.29	-3.58

Notes

Began purging at 1248
Stopped purging and began sampling at 1305

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-21 10:57:52

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 29 ft

Pump placement from TOC 29 ft

Well Information:

Well ID GWC-11
Well diameter 2 in
Well Total Depth 34.54 ft
Screen Length 10 ft
Depth to Water 16.54 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.2194393 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.92 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	10:40:52	300.02	17.28	6.20	132.25	0.55	16.70	1.06	61.16
Last 5	10:45:52	600.28	17.65	6.20	131.42	0.62	16.70	1.04	54.73
Last 5	10:50:52	900.27	17.94	6.21	131.75	0.52	16.70	1.04	50.63
Last 5	10:55:52	1200.28	17.94	6.21	131.37	0.45	16.70	1.01	47.63
Last 5									
Variance 0			0.37	0.00	-0.83			-0.02	-6.44
Variance 1			0.28	0.00	0.34			0.01	-4.10
Variance 2			0.00	0.00	-0.39			-0.03	-3.00

Notes

Began purging at 1035
Stopped purging and began sampling at 1055

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-21 09:39:24

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 33 ft

Pump placement from TOC 33 ft

Well Information:

Well ID GWC-12
Well diameter 2 in
Well Total Depth 37.82 ft
Screen Length 10 ft
Depth to Water 23.82 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.237293 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3.72 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	09:22:38	300.02	17.42	5.37	26.53	1.58	24.13	2.78	68.71
Last 5	09:27:38	600.02	17.68	5.36	26.47	1.06	24.13	2.73	63.28
Last 5	09:32:38	900.02	17.69	5.35	26.43	1.04	24.13	2.72	60.47
Last 5	09:37:38	1200.02	17.71	5.33	26.52	1.00	24.13	2.80	58.53
Last 5									
Variance 0			0.26	-0.01	-0.07			-0.04	-5.43
Variance 1			0.01	-0.01	-0.04			-0.01	-2.81
Variance 2			0.03	-0.02	0.09			0.07	-1.94

Notes

Began purging at 0917
Stopped purging and began sampling at 0940

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-22 11:02:20

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 39 ft

Pump placement from TOC 39 ft

Well Information:

Well ID GWC-13
Well diameter 2 in
Well Total Depth 44.15 ft
Screen Length 10 ft
Depth to Water 29.16 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.3890735 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.32 in
Total Volume Pumped 3.75 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	10:39:57	300.05	17.54	6.03	85.62	5.78	29.27	6.63	62.89
Last 5	10:44:57	600.03	17.56	5.88	85.72	5.24	29.27	5.74	58.70
Last 5	10:49:57	900.03	17.77	5.86	84.95	4.25	29.27	5.25	57.94
Last 5	10:54:58	1201.02	17.68	5.87	85.49	3.58	29.27	5.00	57.64
Last 5	10:59:59	1502.02	17.84	5.88	86.94	2.76	29.27	4.86	57.86
Variance 0			0.21	-0.03	-0.76			-0.49	-0.76
Variance 1			-0.10	0.01	0.54			-0.26	-0.30
Variance 2			0.17	0.01	1.45			-0.14	0.22

Notes

Sampled GWC-13 at 1100, 3-22-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-20 14:56:02

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 22 ft

Pump placement from TOC 22 ft

Well Information:

Well ID GWC-14
Well diameter 2 in
Well Total Depth 27.59 ft
Screen Length 10 ft
Depth to Water 11.10 ft

Pumping Information:

Final Pumping Rate 160 mL/min
Total System Volume 0.1881953 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 0.6 in
Total Volume Pumped 3.2 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	14:39:01	300.03	21.91	5.77	71.80	1.10	11.15	0.94	63.49
Last 5	14:44:01	600.02	21.38	5.74	72.83	1.18	11.15	0.89	62.54
Last 5	14:49:01	900.02	21.17	5.74	72.20	1.10	11.15	0.85	62.30
Last 5	14:54:01	1200.02	21.28	5.73	72.98	1.12	11.15	0.82	61.44
Last 5									
Variance 0			-0.53	-0.03	1.03			-0.06	-0.95
Variance 1			-0.21	-0.00	-0.63			-0.03	-0.24
Variance 2			0.11	-0.01	0.78			-0.03	-0.86

Notes

Began purging at 1433
Stopped purging and began sampling at 1455

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-20 13:51:59

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 66 ft

Pump placement from TOC 66 ft

Well Information:

Well ID GWC-18
Well diameter 2 in
Well Total Depth 71.25 ft
Screen Length 10 ft
Depth to Water 35.5 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.5095859 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 5.76 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	13:30:21	300.04	31.22	6.59	0.00	3.62	35.80	7.12	44.20
Last 5	13:35:21	600.03	21.15	6.36	115.43	2.60	35.92	6.75	60.40
Last 5	13:40:21	900.03	20.22	6.31	117.59	2.38	35.95	6.54	58.91
Last 5	13:45:21	1200.02	20.60	6.29	117.95	1.83	35.98	6.32	58.45
Last 5	13:50:23	1502.02	20.86	6.34	116.94	2.08	35.98	6.17	57.64
Variance 0			-0.94	-0.05	2.17			-0.22	-1.49
Variance 1			0.39	-0.02	0.36			-0.22	-0.46
Variance 2			0.26	0.05	-1.01			-0.15	-0.81

Notes

Sampled GWA-18 at 1350, 3-20-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-20 15:13:37

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 58 ft

Pump placement from TOC 58 ft

Well Information:

Well ID GWC-19
Well diameter 2 in
Well Total Depth 62.75 ft
Screen Length 10 ft
Depth to Water 34.92 ft

Pumping Information:

Final Pumping Rate 100 mL/min
Total System Volume 0.4738785 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 7.56 in
Total Volume Pumped 3.5 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	14:40:23	300.10	25.60	6.67	123.83	2.59	35.37	6.90	75.09
Last 5	14:45:23	600.03	21.81	6.46	127.83	1.72	35.47	6.83	66.25
Last 5	14:50:23	900.02	21.02	6.42	129.00	1.29	35.52	6.77	65.49
Last 5	14:55:28	1205.02	21.33	6.41	128.06	1.27	35.53	6.55	66.64
Last 5	15:10:29	2106.00	21.42	6.37	126.77	1.67	35.55	6.44	66.70
Variance 0			-0.80	-0.04	1.17			-0.06	-0.76
Variance 1			0.31	-0.01	-0.94			-0.22	1.15
Variance 2			0.09	-0.04	-1.29			-0.10	0.06

Notes

Sampled GWC-19 at 1510, 3-20-18. Insitu skipped readings at 1500 and 1505. NTU and DTW were stable.

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-21 10:32:30

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 68 ft

Pump placement from TOC 68 ft

Well Information:

Well ID GWA-20
Well diameter 2 in
Well Total Depth 72.70 ft
Screen Length 10 ft
Depth to Water 42.86 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.5185128 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.8 in
Total Volume Pumped 7.8 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	10:11:06	2704.00	14.61	6.50	144.04	5.48	43.01	7.45	60.58
Last 5	10:16:06	3004.00	14.71	6.50	144.86	6.30	43.01	7.52	60.36
Last 5	10:21:06	3303.99	14.99	6.51	144.49	5.38	43.01	7.49	59.82
Last 5	10:26:06	3603.99	15.14	6.50	144.13	5.14	43.01	7.46	59.77
Last 5	10:31:07	3904.98	14.94	6.50	143.97	4.25	43.01	7.49	59.99
Variance 0			0.27	0.01	-0.37			-0.03	-0.54
Variance 1			0.15	-0.01	-0.36			-0.03	-0.05
Variance 2			-0.19	-0.00	-0.17			0.03	0.22

Notes

Sampled GWC-20 at 1030, 3-21-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-26 14:13:07

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 365491
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter 0.170 in
Tubing Length 15 ft

Pump placement from TOC 15 ft

Well Information:

Well ID GWA-21
Well diameter 2 in
Well Total Depth 20.6 ft
Screen Length 10 ft
Depth to Water 5.25 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.1569514 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	13:51:25	300.04	14.39	5.85	121.29	1.02	5.49	1.45	-59.89
Last 5	13:56:25	600.02	14.80	5.76	120.13	0.56	5.50	1.40	-63.15
Last 5	14:01:25	900.03	14.85	5.74	119.52	0.79	5.50	1.40	-63.47
Last 5	14:06:25	1200.02	14.76	5.74	119.67	0.51	5.50	1.46	-62.56
Last 5	14:11:25	1500.02	14.76	5.76	119.17	1.35	5.50	1.49	-62.17
Variance 0			0.04	-0.01	-0.61			-0.00	-0.32
Variance 1			-0.09	-0.00	0.16			0.06	0.92
Variance 2			0.00	0.01	-0.50			0.04	0.39

Notes

Sampled at 1415

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-26 10:50:26

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 365491
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter 0.170 in
Tubing Length 37 ft

Pump placement from TOC 37 ft

Well Information:

Well ID GWA-22
Well diameter 2 in
Well Total Depth 42.5 ft
Screen Length 10 ft
Depth to Water 25.05 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.2551467 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3.6 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	10:28:54	300.13	12.97	6.60	99.00	1.01	25.32	5.37	-36.14
Last 5	10:33:54	600.03	14.12	6.22	95.68	1.01	25.35	5.04	-42.57
Last 5	10:38:54	900.03	14.49	6.13	95.75	0.62	25.35	4.95	-41.10
Last 5	10:43:54	1200.02	14.71	6.09	94.61	0.56	25.35	4.98	-40.34
Last 5	10:48:54	1500.01	14.87	6.06	92.78	0.64	25.35	5.01	-39.38
Variance 0			0.36	-0.10	0.07			-0.09	1.47
Variance 1			0.22	-0.04	-1.14			0.02	0.76
Variance 2			0.16	-0.03	-1.83			0.04	0.95

Notes

Sampled at 1050

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-22 14:27:23

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 31 ft

Pump placement from TOC 31 ft

Well Information:

Well ID GWA-45
Well diameter 2 in
Well Total Depth 36.0 ft
Screen Length 10 ft
Depth to Water 14.30 ft

Pumping Information:

Final Pumping Rate 160 mL/min
Total System Volume 0.2283661 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 9 in
Total Volume Pumped 4.8 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	14:05:14	600.02	20.70	6.15	421.74	9.60	15.05	0.37	45.57
Last 5	14:10:14	900.02	20.88	6.16	419.36	7.04	15.05	0.44	45.57
Last 5	14:15:14	1200.02	20.70	6.17	418.73	6.14	15.05	0.47	46.04
Last 5	14:20:14	1500.01	20.75	6.19	414.96	4.18	15.05	0.53	45.56
Last 5	14:25:14	1800.01	20.82	6.20	416.71	3.26	15.05	0.57	45.38
Variance 0			-0.18	0.01	-0.63			0.03	0.48
Variance 1			0.05	0.02	-3.76			0.06	-0.48
Variance 2			0.07	0.01	1.75			0.04	-0.18

Notes

Began purging at 1355
Stopped purging and began sampling at 1425

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-23 10:16:25

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 42 ft

Pump placement from TOC 42 ft

Well Information:

Well ID GWA-46
Well diameter 2 in
Well Total Depth 47 ft
Screen Length 10 ft
Depth to Water 32.61 ft

Pumping Information:

Final Pumping Rate 100 mL/min
Total System Volume 0.4024638 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 2.28 in
Total Volume Pumped 3.5 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	09:54:17	900.02	17.17	5.96	82.77	4.54	32.80	4.17	67.77
Last 5	09:59:18	1201.02	17.28	5.91	80.69	4.08	32.80	3.82	65.01
Last 5	10:04:20	1503.02	16.96	5.90	80.48	3.91	32.80	3.65	63.49
Last 5	10:09:20	1803.01	17.36	5.89	79.19	3.67	32.80	3.46	61.77
Last 5	10:14:20	2103.01	17.63	5.89	79.19	3.25	32.80	3.32	61.44
Variance 0			-0.31	-0.01	-0.21			-0.17	-1.52
Variance 1			0.40	-0.01	-1.29			-0.19	-1.72
Variance 2			0.27	0.00	-0.00			-0.14	-0.33

Notes

Sampled GWA-46 at 1015, 3-23-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-22 15:28:46

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 52 ft

Pump placement from TOC 52 ft

Well Information:

Well ID GWA-47
Well diameter 2 in
Well Total Depth 56.55 ft
Screen Length 10 ft
Depth to Water 41.47 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.447098 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 12.12 in
Total Volume Pumped 23.25 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	15:15:09	300.09	19.63	6.44	118.50	5.14	42.48	3.47	57.27
Last 5	15:20:09	600.03	19.41	6.45	117.68	5.08	42.48	3.47	57.44
Last 5	15:25:09	900.02	19.24	6.46	117.62	4.14	42.48	3.48	57.18
Last 5									
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			-0.22	0.00	-0.81			0.00	0.17
Variance 2			-0.18	0.01	-0.06			0.01	-0.26

Notes

Initial purge began at 1250 with 150ml/min Pump Rate. iPad overheated at 1505. Resume lowflow at 1510.

Initial purge began at 1250 at 150ml/min. iPad froze due to heat at 1505 and cancelled program/deleted data. Resumed lowflow at 1510. Sampled GWA-47 at 1525.

Grab Samples



Product Name: Low-Flow System

Date: 2018-03-23 09:53:54

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type QED Well Wizard
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 68.6 ft

Pump placement from TOC 68.6 ft

Well Information:

Well ID GWA-48
Well diameter 2 in
Well Total Depth 73.92 ft
Screen Length 10 ft
Depth to Water 39.6 ft

Pumping Information:

Final Pumping Rate 100 mL/min
Total System Volume 0.7911908 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 11.16 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	09:32:41	600.30	17.81	6.88	135.14	1.37	40.43	4.15	66.57
Last 5	09:37:41	900.30	18.05	6.90	134.57	1.13	40.53	4.20	58.92
Last 5	09:42:41	1200.30	18.81	6.89	134.67	1.17	40.53	4.18	54.67
Last 5	09:47:41	1500.30	19.04	6.90	134.31	0.86	40.53	4.11	51.63
Last 5	09:52:41	1800.30	19.43	6.92	133.62	1.09	40.53	4.10	51.00
Variance 0			0.76	-0.01	0.10			-0.02	-4.25
Variance 1			0.23	0.01	-0.36			-0.07	-3.05
Variance 2			0.39	0.01	-0.69			-0.01	-0.63

Notes

Began purging at 0922
Stopped purging and began sampling at 0955

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-22 15:28:05

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 36 ft

Pump placement from TOC 36 ft

Well Information:

Well ID GWA-49
Well diameter 2 in
Well Total Depth 41.0 ft
Screen Length 10 ft
Depth to Water 11.32 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.2506832 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 9.36 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	15:15:02	300.02	21.85	7.00	144.65	1.83	12.10	6.27	44.54
Last 5	15:20:02	600.02	21.54	7.00	143.95	2.14	12.10	6.46	44.18
Last 5	15:25:02	900.02	21.06	7.00	145.95	1.76	12.10	6.49	43.19
Last 5									
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			-0.30	-0.00	-0.70			0.18	-0.35
Variance 2			-0.48	0.00	2.00			0.04	-0.99

Notes

Began purging at 1510
Stopped purging and began sampling at 1525

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-26 15:14:19

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 365491
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter 0.170 in
Tubing Length 22 ft

Pump placement from TOC 22 ft

Well Information:

Well ID GWC-29
Well diameter 2 in
Well Total Depth 27.0 ft
Screen Length 10 ft
Depth to Water 5.32 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.1881953 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.68 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	14:52:42	300.04	14.43	5.96	117.83	1.09	5.44	0.39	-40.74
Last 5	14:57:42	600.03	14.73	5.92	116.78	0.98	5.46	0.24	-46.49
Last 5	15:02:42	900.03	14.98	5.91	116.59	0.63	5.46	0.20	-47.75
Last 5	15:07:42	1200.02	15.01	5.91	117.10	0.64	5.46	0.19	-48.32
Last 5	15:12:42	1500.02	14.97	5.91	117.03	0.60	5.46	0.17	-48.19
Variance 0			0.25	-0.01	-0.19			-0.04	-1.26
Variance 1			0.03	-0.00	0.50			-0.01	-0.57
Variance 2			-0.04	0.00	-0.07			-0.01	0.12

Notes

Sampled at 1515

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-23 11:12:32

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 31 ft

Pump placement from TOC 31 ft

Well Information:

Well ID GWC-50
Well diameter 2 in
Well Total Depth 36.30 ft
Screen Length 10 ft
Depth to Water 8.56 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.2283661 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 4.8 in
Total Volume Pumped 3.75 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	10:50:03	300.02	18.97	5.99	88.65	0.74	8.94	0.54	56.16
Last 5	10:55:03	600.02	18.92	5.98	89.15	0.71	8.94	0.52	50.46
Last 5	11:00:03	900.02	19.28	5.98	88.59	0.62	8.95	0.49	46.45
Last 5	11:10:04	1500.67	19.51	5.98	88.10	0.68	8.96	0.61	41.87
Last 5									
Variance 0			-0.04	-0.01	0.50			-0.02	-5.70
Variance 1			0.36	0.00	-0.56			-0.03	-4.01
Variance 2			0.22	-0.00	-0.49			0.12	-4.59

Notes

Began purging at 1045
Stopped purging and began sampling at 1110

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-26 10:48:59

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 22 ft

Pump placement from TOC 22 ft

Well Information:

Well ID GWC-51
Well diameter 2 in
Well Total Depth 26.8 ft
Screen Length 10 ft
Depth to Water 8.45 ft

Pumping Information:

Final Pumping Rate 160 mL/min
Total System Volume 0.1881953 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 2.4 in
Total Volume Pumped 3.2 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	10:31:21	300.08	18.83	6.04	94.82	2.44	8.65	0.22	78.43
Last 5	10:36:21	600.02	19.33	6.02	92.85	1.27	8.65	0.16	75.44
Last 5	10:41:22	900.69	19.95	5.99	91.95	1.88	8.65	0.14	77.54
Last 5	10:46:22	1200.73	20.21	5.98	91.24	1.45	8.65	0.11	82.59
Last 5									
Variance 0			0.50	-0.02	-1.97			-0.05	-2.98
Variance 1			0.62	-0.03	-0.90			-0.02	2.10
Variance 2			0.26	-0.01	-0.71			-0.03	5.05

Notes

Began purging at 1026
Stopped purging and began sampling at 1050

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-26 12:04:35

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 28 ft

Pump placement from TOC 28 ft

Well Information:

Well ID GWC-52
Well diameter 2 in
Well Total Depth 32.8 ft
Screen Length 10 ft
Depth to Water 9.02 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.2149758 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.68 in
Total Volume Pumped 4.5 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	11:41:55	600.02	18.91	6.78	176.63	0.64	9.16	0.68	58.94
Last 5	11:46:55	900.02	19.13	6.77	176.60	0.67	9.16	0.46	54.50
Last 5	11:51:55	1200.02	19.41	6.77	175.28	0.73	9.16	0.35	51.22
Last 5	11:56:55	1500.02	18.97	6.77	177.83	0.64	9.16	0.34	48.52
Last 5	12:01:55	1800.02	19.01	6.77	178.35	0.48	9.16	0.28	46.54
Variance 0			0.29	-0.00	-1.31			-0.11	-3.28
Variance 1			-0.44	0.00	2.55			-0.02	-2.70
Variance 2			0.03	0.00	0.52			-0.05	-1.98

Notes

Began purging at 1131
Stopped purging and began sampling at 1205

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-26 14:13:17

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 463072
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 28 ft

Pump placement from TOC 28 ft

Well Information:

Well ID GWC-53
Well diameter 2 in
Well Total Depth 32.8 ft
Screen Length 10 ft
Depth to Water 10.30 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.2149758 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3.12 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	13:56:26	300.66	17.56	5.81	421.32	1.22	10.56	0.51	84.50
Last 5	14:01:26	600.66	17.81	5.81	419.01	1.05	10.56	0.47	80.33
Last 5	14:06:26	900.66	17.76	5.80	421.22	0.88	10.56	0.44	77.09
Last 5	14:11:26	1200.66	17.76	5.78	421.99	0.78	10.56	0.37	73.97
Last 5									
Variance 0			0.25	-0.00	-2.31			-0.04	-4.17
Variance 1			-0.04	-0.01	2.21			-0.03	-3.25
Variance 2			-0.01	-0.01	0.77			-0.07	-3.12

Notes

Began purging at 1351
Stopped purging and began sampling at 1415

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-23 10:54:51

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type
Tubing Type
Tubing Diameter in
Tubing Length ft
Pump placement from TOC ft

Well Information:

Well ID SWA-1
Well diameter in
Well Total Depth ft
Screen Length ft
Depth to Water ft

Pumping Information:

Final Pumping Rate 0 mL/min
Total System Volume 0.09 L
Calculated Sample Rate 30 sec
Stabilization Drawdown 0 in
Total Volume Pumped 0 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	10:53:11	30.07	14.53	6.62	414.16	13.80	--	10.04	154.83
Last 5	10:53:41	60.04	14.45	6.68	415.73	13.80	--	10.08	152.41
Last 5	10:54:11	90.04	14.40	6.73	417.53	13.80	--	10.11	151.92
Last 5									
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			-0.09	0.07	1.57			0.04	-2.42
Variance 2			-0.05	0.05	1.80			0.03	-0.49

Notes

Sampled SWA-1 at 1045, 3-23-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-23 12:45:55

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type
Tubing Type
Tubing Diameter in
Tubing Length ft
Pump placement from TOC ft

Well Information:

Well ID SWA-2
Well diameter in
Well Total Depth ft
Screen Length ft
Depth to Water ft

Pumping Information:

Final Pumping Rate 0 mL/min
Total System Volume 0.09 L
Calculated Sample Rate 30 sec
Stabilization Drawdown 0 in
Total Volume Pumped 0 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	12:44:52	30.09	15.37	6.76	541.78	4.53	--	9.29	72.80
Last 5									
Last 5									
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			0.00	0.00	0.00			0.00	0.00
Variance 2			0.00	0.00	0.00			0.00	0.00

Notes

Sampled SWA-2 at 1245, 3-23-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-23 12:33:54

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type
Tubing Type
Tubing Diameter in
Tubing Length ft

Pump placement from TOC ft

Well Information:

Well ID SWA-3
Well diameter in
Well Total Depth ft
Screen Length ft
Depth to Water ft

Pumping Information:

Final Pumping Rate 0 mL/min
Total System Volume 0.09 L
Calculated Sample Rate 30 sec
Stabilization Drawdown 0 in
Total Volume Pumped 0 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	12:32:29	30.09	14.27	6.95	319.25	4.32	--	10.17	87.55
Last 5									
Last 5									
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			0.00	0.00	0.00			0.00	0.00
Variance 2			0.00	0.00	0.00			0.00	0.00

Notes

Sampled SWC-3 at 1230, 3-23-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-23 11:09:19

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type
Tubing Type
Tubing Diameter in
Tubing Length ft

Pump placement from TOC ft

Well Information:

Well ID SWC-4
Well diameter in
Well Total Depth ft
Screen Length ft
Depth to Water ft

Pumping Information:

Final Pumping Rate 0 mL/min
Total System Volume 0.09 L
Calculated Sample Rate 30 sec
Stabilization Drawdown 0 in
Total Volume Pumped 0 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	11:08:25	30.05	12.35	7.07	325.09	9.40	--	10.03	112.13
Last 5									
Last 5									
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			0.00	0.00	0.00			0.00	0.00
Variance 2			0.00	0.00	0.00			0.00	0.00

Notes

Sampled SWC-4 at 1105, 3-23-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-23 11:20:41

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type
Tubing Type
Tubing Diameter in
Tubing Length ft
Pump placement from TOC ft

Well Information:

Well ID SWC-5
Well diameter in
Well Total Depth ft
Screen Length ft
Depth to Water ft

Pumping Information:

Final Pumping Rate 0 mL/min
Total System Volume 0.09 L
Calculated Sample Rate 30 sec
Stabilization Drawdown 0 in
Total Volume Pumped 0 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	11:19:46	30.05	13.95	6.93	358.38	2.76	--	8.63	108.53
Last 5									
Last 5									
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			0.00	0.00	0.00			0.00	0.00
Variance 2			0.00	0.00	0.00			0.00	0.00

Notes

Sampled SWC-5 at 1120, 3-23-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-23 11:52:53

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type
Tubing Type
Tubing Diameter in
Tubing Length ft

Pump placement from TOC ft

Well Information:

Well ID SWC-6
Well diameter in
Well Total Depth ft
Screen Length ft
Depth to Water ft

Pumping Information:

Final Pumping Rate 0 mL/min
Total System Volume 0.09 L
Calculated Sample Rate 30 sec
Stabilization Drawdown 0 in
Total Volume Pumped 0 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	11:51:56	30.04	12.48	7.34	146.83	11.10	--	9.94	86.26
Last 5									
Last 5									
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			0.00	0.00	0.00			0.00	0.00
Variance 2			0.00	0.00	0.00			0.00	0.00

Notes

Sampled SWC-6 at 1145, 3-23-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-23 12:02:15

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type
Tubing Type
Tubing Diameter in
Tubing Length ft
Pump placement from TOC ft

Well Information:

Well ID SWC-7
Well diameter in
Well Total Depth ft
Screen Length ft
Depth to Water ft

Pumping Information:

Final Pumping Rate 0 mL/min
Total System Volume 0.09 L
Calculated Sample Rate 30 sec
Stabilization Drawdown 0 in
Total Volume Pumped 0 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	12:01:19	30.06	11.79	7.27	281.17	10.94	--	10.43	94.60
Last 5									
Last 5									
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			0.00	0.00	0.00			0.00	0.00
Variance 2			0.00	0.00	0.00			0.00	0.00

Notes

SWC-7 sampled 1135, 3-23-18

Grab Samples

Product Name: Low-Flow System

Date: 2018-03-23 12:18:52

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166235018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 456959
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type
Tubing Type
Tubing Diameter in
Tubing Length ft
Pump placement from TOC ft

Well Information:

Well ID SWC-8
Well diameter in
Well Total Depth ft
Screen Length ft
Depth to Water ft

Pumping Information:

Final Pumping Rate 0 mL/min
Total System Volume 0.09 L
Calculated Sample Rate 30 sec
Stabilization Drawdown 0 in
Total Volume Pumped 0 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 5		+/- 10%	+/- 10
Last 5	12:18:06	30.09	13.40	7.12	396.98	5.64	--	9.89	86.70
Last 5									
Last 5									
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			0.00	0.00	0.00			0.00	0.00
Variance 2			0.00	0.00	0.00			0.00	0.00

Notes

Sampled SWC-8 at 1215, 3-23-18

Grab Samples

ANALYTICAL LABORATORY REPORTS & FIELD DATA FORMS

October 2018

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pensacola

3355 McLemore Drive

Pensacola, FL 32514

Tel: (850)474-1001

TestAmerica Job ID: 400-159951-1

TestAmerica Sample Delivery Group: Cell 1

Client Project/Site: CCR - Plant Scherer

For:

Southern Company

241 Ralph McGill Blvd SE

B10185

Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:

10/29/2018 5:44:04 PM

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Job ID: 400-159951-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative 400-159951-1

HPLC/IC

Method(s) 300.0: The laboratory control sample (LCS) for analytical batch 415154 recovered outside control limits for the following analytes: Fluoride. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 300.0: The laboratory control sample duplicate (LCSD) for analytical batch 415319 recovered outside control limits for the following analytes: Fluoride. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 300.0: The laboratory control sample duplicate (LCSD) for analytical batch 415375 recovered outside control limits for the following analytes: Fluoride. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: GWC-5 (400-159951-18) and FD-2(LF) (400-159951-19). Elevated reporting limits (RLs) are provided.

Metals

Method(s) 7470A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 414650 and analytical batch 415199 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 7470A: The method blank for preparation batch 414998 and analytical batch 415199 contained Mercury above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-analysis of samples was not performed.

Method(s) 7470A: The method blank for preparation batch 414650 and analytical batch 415199 contained Mercury above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-analysis of samples was not performed.

Method(s) 7470A: The matrix spike duplicate (MSD) recoveries for preparation batch 415172 and analytical batch 415762 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

General Chemistry

Method(s) SM 2540C: The sample duplicate (DUP) precision for analytical batch 414372 was outside control limits. Sample non-homogeneity is suspected.

Method(s) SM 2540C: The following sample was analyzed outside of analytical holding time due to analyst oversight. GWC-8A (400-159951-31). Client notified and will be resampling.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-1

Lab Sample ID: 400-159951-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.7		1.0	0.89	mg/L	1		300.0	Total/NA
Fluoride	0.089	J	0.20	0.082	mg/L	1		300.0	Total/NA
Barium	0.043		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.014		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	16		0.25	0.13	mg/L	5		6020	Total Recoverable
Vanadium	0.017		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Mercury	0.000072	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	140		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-2

Lab Sample ID: 400-159951-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.0		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.044		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.010		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	16		0.25	0.13	mg/L	5		6020	Total Recoverable
Vanadium	0.015		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	140		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-9

Lab Sample ID: 400-159951-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.1		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	8.2		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.023		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Boron	0.083		0.050	0.021	mg/L	5		6020	Total Recoverable
Chromium	0.0081		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	16		0.25	0.13	mg/L	5		6020	Total Recoverable
Vanadium	0.021		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Mercury	0.000081	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	34		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-10

Lab Sample ID: 400-159951-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.6		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	1.2		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.029		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.018		0.0025	0.0011	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-10 (Continued)

Lab Sample ID: 400-159951-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	17		0.25	0.13	mg/L	5		6020	Total Recoverable
Nickel	0.0018	J	0.0025	0.0018	mg/L	5		6020	Total Recoverable
Vanadium	0.012		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Mercury	0.000082	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	150		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-11

Lab Sample ID: 400-159951-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.7		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.016		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0075		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	12		0.25	0.13	mg/L	5		6020	Total Recoverable
Vanadium	0.010		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Zinc	0.022		0.020	0.0065	mg/L	5		6020	Total Recoverable
Mercury	0.000084	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	120		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-12

Lab Sample ID: 400-159951-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.016		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0012	J	0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	0.86		0.25	0.13	mg/L	5		6020	Total Recoverable
Mercury	0.000076	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	38		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-14

Lab Sample ID: 400-159951-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.0		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.0096		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Calcium	6.5		0.25	0.13	mg/L	5		6020	Total Recoverable
Mercury	0.000086	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	40		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EB-1(LF)

Lab Sample ID: 400-159951-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.000077	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWA-15

Lab Sample ID: 400-159951-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.3		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.0099		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Calcium	4.2		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0011	J	0.0025	0.00040	mg/L	5		6020	Total Recoverable
Mercury	0.000076	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	48		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FD-1(LF)

Lab Sample ID: 400-159951-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.4		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.010		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Calcium	4.2		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0012	J	0.0025	0.00040	mg/L	5		6020	Total Recoverable
Mercury	0.000076	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	52		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWA-16

Lab Sample ID: 400-159951-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.023		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0043		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	11		0.25	0.13	mg/L	5		6020	Total Recoverable
Vanadium	0.0069		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Mercury	0.000076	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	110		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FB-1(LF)

Lab Sample ID: 400-159951-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.000081	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA

Client Sample ID: GWA-17

Lab Sample ID: 400-159951-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.5		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.027		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0061		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	5.8		0.25	0.13	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWA-17 (Continued)

Lab Sample ID: 400-159951-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	0.0040		0.0025	0.0014	mg/L	5		6020	Total
Mercury	0.000078	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	90		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-18

Lab Sample ID: 400-159951-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.5		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.032		0.0025	0.00049	mg/L	5		6020	Total
Chromium	0.014		0.0025	0.0011	mg/L	5		6020	Recoverable Total
Calcium	9.6		0.25	0.13	mg/L	5		6020	Recoverable Total
Vanadium	0.0064		0.0025	0.0014	mg/L	5		6020	Recoverable Total
Mercury	0.000077	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	100		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-19

Lab Sample ID: 400-159951-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.7		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.018		0.0025	0.00049	mg/L	5		6020	Total
Chromium	0.0097		0.0025	0.0011	mg/L	5		6020	Recoverable Total
Calcium	11		0.25	0.13	mg/L	5		6020	Recoverable Total
Vanadium	0.0073		0.0025	0.0014	mg/L	5		6020	Recoverable Total
Mercury	0.000081	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	130		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-3

Lab Sample ID: 400-159951-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.5		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.016		0.0025	0.00049	mg/L	5		6020	Total
Chromium	0.0081		0.0025	0.0011	mg/L	5		6020	Recoverable Total
Calcium	7.5		0.25	0.13	mg/L	5		6020	Recoverable Total
Lead	0.00037	J	0.0013	0.00035	mg/L	5		6020	Recoverable Total
Nickel	0.0018	J	0.0025	0.0018	mg/L	5		6020	Recoverable Total
Vanadium	0.0053		0.0025	0.0014	mg/L	5		6020	Recoverable Total
Mercury	0.000078	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	60		5.0	3.4	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-4

Lab Sample ID: 400-159951-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	13		1.0	0.89	mg/L	1		300.0	Total/NA
Fluoride	0.10	J *	0.20	0.082	mg/L	1		300.0	Total/NA
Sulfate	2.9		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.042		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0039		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	13		0.25	0.13	mg/L	5		6020	Total Recoverable
Vanadium	0.0060		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Mercury	0.000080	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	120		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-5

Lab Sample ID: 400-159951-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	46		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate - DL	270		10	7.0	mg/L	10		300.0	Total/NA
Barium	0.036		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Boron	0.47		0.050	0.021	mg/L	5		6020	Total Recoverable
Chromium	0.0030		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	88		0.25	0.13	mg/L	5		6020	Total Recoverable
Selenium	0.021		0.0013	0.00024	mg/L	5		6020	Total Recoverable
Vanadium	0.0018	J	0.0025	0.0014	mg/L	5		6020	Total Recoverable
Mercury	0.000081	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	620		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FD-2(LF)

Lab Sample ID: 400-159951-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	46		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate - DL	290		10	7.0	mg/L	10		300.0	Total/NA
Barium	0.035		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Boron	0.47		0.050	0.021	mg/L	5		6020	Total Recoverable
Chromium	0.0029		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	88		0.25	0.13	mg/L	5		6020	Total Recoverable
Selenium	0.022		0.0013	0.00024	mg/L	5		6020	Total Recoverable
Vanadium	0.0016	J	0.0025	0.0014	mg/L	5		6020	Total Recoverable
Mercury	0.000081	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	670		5.0	3.4	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-6

Lab Sample ID: 400-159951-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.7		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	10		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.051		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0042		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	16		0.25	0.13	mg/L	5		6020	Total Recoverable
Selenium	0.00056	J	0.0013	0.00024	mg/L	5		6020	Total Recoverable
Vanadium	0.0081		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Mercury	0.000077	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	120		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-13

Lab Sample ID: 400-159951-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.5		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.030		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0056		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	6.4		0.25	0.13	mg/L	5		6020	Total Recoverable
Mercury	0.000085	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	22		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EB-2(LF)

Lab Sample ID: 400-159951-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.000085	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA

Client Sample ID: GWC-20

Lab Sample ID: 400-159951-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.0		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.028		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0091		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	13		0.25	0.13	mg/L	5		6020	Total Recoverable
Vanadium	0.017		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Mercury	0.000083	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	130		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FB-2(LF)

Lab Sample ID: 400-159951-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.000079	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-7

Lab Sample ID: 400-159951-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.7		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.031		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0083		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	13		0.25	0.13	mg/L	5		6020	Total Recoverable
Vanadium	0.012		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Mercury	0.000089	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	110		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-8A

Lab Sample ID: 400-159951-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.1		1.0	0.89	mg/L	1		300.0	Total/NA
Fluoride	0.14	J *	0.20	0.082	mg/L	1		300.0	Total/NA
Sulfate	30		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.012		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Boron	0.21		0.050	0.021	mg/L	5		6020	Total Recoverable
Calcium	37		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.00048	J	0.0025	0.00040	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	180	H	5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-8A

Lab Sample ID: 400-159951-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	170		5.0	3.4	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL PEN
6020	Metals (ICP/MS)	SW846	TAL PEN
7470A	Mercury (CVAA)	SW846	TAL PEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PEN
7470A	Preparation, Mercury	SW846	TAL PEN

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-159951-1	GWC-1	Water	10/02/18 11:25	10/05/18 08:46
400-159951-2	GWC-2	Water	10/02/18 14:10	10/05/18 08:46
400-159951-3	GWC-9	Water	10/02/18 15:30	10/05/18 08:46
400-159951-4	GWC-10	Water	10/02/18 14:10	10/05/18 08:46
400-159951-5	GWC-11	Water	10/02/18 11:35	10/05/18 08:46
400-159951-6	GWC-12	Water	10/02/18 09:30	10/05/18 08:46
400-159951-7	GWC-14	Water	10/02/18 15:20	10/05/18 08:46
400-159951-8	EB-1(LF)	Water	10/02/18 16:15	10/05/18 08:46
400-159951-9	GWA-15	Water	10/02/18 09:35	10/05/18 08:46
400-159951-10	FD-1(LF)	Water	10/02/18 00:00	10/05/18 08:46
400-159951-11	GWA-16	Water	10/02/18 09:30	10/05/18 08:46
400-159951-12	FB-1(LF)	Water	10/02/18 09:40	10/05/18 08:46
400-159951-13	GWA-17	Water	10/02/18 10:40	10/05/18 08:46
400-159951-14	GWC-18	Water	10/02/18 12:10	10/05/18 08:46
400-159951-15	GWC-19	Water	10/02/18 13:30	10/05/18 08:46
400-159951-16	GWC-3	Water	10/03/18 09:05	10/05/18 08:46
400-159951-17	GWC-4	Water	10/03/18 10:35	10/05/18 08:46
400-159951-18	GWC-5	Water	10/03/18 09:15	10/05/18 08:46
400-159951-19	FD-2(LF)	Water	10/03/18 00:00	10/05/18 08:46
400-159951-20	GWC-6	Water	10/03/18 10:10	10/05/18 08:46
400-159951-21	GWC-13	Water	10/03/18 12:35	10/05/18 08:46
400-159951-22	EB-2(LF)	Water	10/03/18 13:25	10/05/18 08:46
400-159951-23	GWC-20	Water	10/03/18 09:30	10/05/18 08:46
400-159951-24	FB-2(LF)	Water	10/03/18 10:20	10/05/18 08:46
400-159951-30	GWC-7	Water	10/04/18 09:30	10/06/18 08:31
400-159951-31	GWC-8A	Water	10/04/18 14:10	10/06/18 08:31
400-159951-32	GWC-8A	Water	10/17/18 11:15	10/19/18 09:04

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-1
Date Collected: 10/02/18 11:25
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-1
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.7		1.0	0.89	mg/L			10/12/18 01:47	1
Fluoride	0.089	J	0.20	0.082	mg/L			10/12/18 01:47	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 01:47	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 19:54	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 19:54	5
Barium	0.043		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 19:54	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 19:54	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 19:54	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 19:54	5
Chromium	0.014		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 19:54	5
Calcium	16		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 19:54	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 19:54	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 19:54	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 19:54	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 19:54	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 19:54	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 19:54	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 19:54	5
Vanadium	0.017		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 19:54	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 19:54	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000072	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 12:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	140		5.0	3.4	mg/L			10/05/18 18:25	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-2
Date Collected: 10/02/18 14:10
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-2
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		1.0	0.89	mg/L			10/12/18 02:10	1
Fluoride	<0.082		0.20	0.082	mg/L			10/12/18 02:10	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 02:10	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 19:59	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 19:59	5
Barium	0.044		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 19:59	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 19:59	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 19:59	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 19:59	5
Chromium	0.010		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 19:59	5
Calcium	16		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 19:59	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 19:59	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 19:59	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 19:59	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 19:59	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 19:59	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 19:59	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 19:59	5
Vanadium	0.015		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 19:59	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 19:59	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 13:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	140		5.0	3.4	mg/L			10/05/18 18:25	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-9
Date Collected: 10/02/18 15:30
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-3
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.1		1.0	0.89	mg/L			10/12/18 02:32	1
Fluoride	<0.082		0.20	0.082	mg/L			10/12/18 02:32	1
Sulfate	8.2		1.0	0.70	mg/L			10/12/18 02:32	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 20:43	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 20:43	5
Barium	0.023		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 20:43	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 20:43	5
Boron	0.083		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 20:43	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 20:43	5
Chromium	0.0081		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 20:43	5
Calcium	16		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 20:43	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 20:43	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 20:43	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 20:43	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 20:43	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 20:43	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 20:43	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 20:43	5
Vanadium	0.021		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 20:43	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 20:43	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000081	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 13:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	34		5.0	3.4	mg/L			10/05/18 18:25	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-10
Date Collected: 10/02/18 14:10
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-4
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.6		1.0	0.89	mg/L			10/12/18 03:41	1
Fluoride	<0.082		0.20	0.082	mg/L			10/12/18 03:41	1
Sulfate	1.2		1.0	0.70	mg/L			10/12/18 03:41	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 20:48	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 20:48	5
Barium	0.029		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 20:48	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 20:48	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 20:48	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 20:48	5
Chromium	0.018		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 20:48	5
Calcium	17		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 20:48	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 20:48	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 20:48	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 20:48	5
Nickel	0.0018	J	0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 20:48	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 20:48	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 20:48	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 20:48	5
Vanadium	0.012		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 20:48	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 20:48	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000082	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 13:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	150		5.0	3.4	mg/L			10/05/18 18:25	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-11
Date Collected: 10/02/18 11:35
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-5
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.7		1.0	0.89	mg/L			10/12/18 04:04	1
Fluoride	<0.082		0.20	0.082	mg/L			10/12/18 04:04	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 04:04	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 20:52	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 20:52	5
Barium	0.016		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 20:52	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 20:52	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 20:52	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 20:52	5
Chromium	0.0075		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 20:52	5
Calcium	12		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 20:52	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 20:52	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 20:52	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 20:52	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 20:52	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 20:52	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 20:52	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 20:52	5
Vanadium	0.010		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 20:52	5
Zinc	0.022		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 20:52	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000084	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 13:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	120		5.0	3.4	mg/L			10/06/18 10:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-12
Date Collected: 10/02/18 09:30
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-6
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.89	mg/L			10/12/18 04:26	1
Fluoride	<0.082		0.20	0.082	mg/L			10/12/18 04:26	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 04:26	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 20:57	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 20:57	5
Barium	0.016		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 20:57	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 20:57	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 20:57	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 20:57	5
Chromium	0.0012	J	0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 20:57	5
Calcium	0.86		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 20:57	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 20:57	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 20:57	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 20:57	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 20:57	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 20:57	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 20:57	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 20:57	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 20:57	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 20:57	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000076	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 13:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	38		5.0	3.4	mg/L			10/06/18 10:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-14
Date Collected: 10/02/18 15:20
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-7
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.0		1.0	0.89	mg/L			10/12/18 04:49	1
Fluoride	<0.082		0.20	0.082	mg/L			10/12/18 04:49	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 04:49	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 21:01	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 21:01	5
Barium	0.0096		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 21:01	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:01	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 21:01	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:01	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 21:01	5
Calcium	6.5		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 21:01	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 21:01	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 21:01	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 21:01	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 21:01	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 21:01	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 21:01	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 21:01	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 21:01	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 21:01	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000086	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 13:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	40		5.0	3.4	mg/L			10/06/18 10:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: EB-1(LF)

Lab Sample ID: 400-159951-8

Date Collected: 10/02/18 16:15

Matrix: Water

Date Received: 10/05/18 08:46

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/12/18 05:12	1
Fluoride	<0.082		0.20	0.082	mg/L			10/12/18 05:12	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 05:12	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 21:06	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 21:06	5
Barium	<0.00049		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 21:06	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:06	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 21:06	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:06	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 21:06	5
Calcium	<0.13		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 21:06	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 21:06	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 21:06	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 21:06	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 21:06	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 21:06	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 21:06	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 21:06	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 21:06	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 21:06	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000077	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 13:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/06/18 10:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWA-15
Date Collected: 10/02/18 09:35
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-9
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.3		1.0	0.89	mg/L			10/12/18 05:35	1
Fluoride	<0.082		0.20	0.082	mg/L			10/12/18 05:35	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 05:35	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 21:10	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 21:10	5
Barium	0.0099		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 21:10	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:10	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 21:10	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:10	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 21:10	5
Calcium	4.2		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 21:10	5
Cobalt	0.0011	J	0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 21:10	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 21:10	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 21:10	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 21:10	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 21:10	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 21:10	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 21:10	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 21:10	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 21:10	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000076	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	48		5.0	3.4	mg/L			10/06/18 10:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: FD-1(LF)

Lab Sample ID: 400-159951-10

Date Collected: 10/02/18 00:00

Matrix: Water

Date Received: 10/05/18 08:46

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.4		1.0	0.89	mg/L			10/13/18 01:00	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 01:00	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 01:00	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 21:15	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 21:15	5
Barium	0.010		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 21:15	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:15	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 21:15	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:15	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 21:15	5
Calcium	4.2		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 21:15	5
Cobalt	0.0012	J	0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 21:15	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 21:15	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 21:15	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 21:15	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 21:15	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 21:15	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 21:15	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 21:15	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 21:15	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000076	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	52		5.0	3.4	mg/L			10/05/18 18:25	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWA-16
Date Collected: 10/02/18 09:30
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-11
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.89	mg/L			10/12/18 16:14	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 16:14	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 16:14	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 21:19	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 21:19	5
Barium	0.023		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 21:19	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:19	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 21:19	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:19	5
Chromium	0.0043		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 21:19	5
Calcium	11		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 21:19	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 21:19	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 21:19	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 21:19	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 21:19	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 21:19	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 21:19	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 21:19	5
Vanadium	0.0069		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 21:19	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 21:19	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000076	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	110		5.0	3.4	mg/L			10/06/18 10:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: FB-1(LF)

Lab Sample ID: 400-159951-12

Date Collected: 10/02/18 09:40

Matrix: Water

Date Received: 10/05/18 08:46

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/12/18 16:37	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 16:37	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 16:37	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 21:24	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 21:24	5
Barium	<0.00049		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 21:24	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:24	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 21:24	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:24	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 21:24	5
Calcium	<0.13		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 21:24	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 21:24	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 21:24	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 21:24	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 21:24	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 21:24	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 21:24	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 21:24	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 21:24	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 21:24	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000081	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/06/18 10:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWA-17
Date Collected: 10/02/18 10:40
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-13
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.5		1.0	0.89	mg/L			10/12/18 17:46	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 17:46	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 17:46	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 21:51	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 21:51	5
Barium	0.027		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 21:51	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:51	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 21:51	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:51	5
Chromium	0.0061		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 21:51	5
Calcium	5.8		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 21:51	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 21:51	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 21:51	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 21:51	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 21:51	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 21:51	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 21:51	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 21:51	5
Vanadium	0.0040		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 21:51	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 21:51	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000078	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	90		5.0	3.4	mg/L			10/06/18 10:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-18
Date Collected: 10/02/18 12:10
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-14
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.5		1.0	0.89	mg/L			10/13/18 04:25	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 04:25	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 04:25	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 21:55	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 21:55	5
Barium	0.032		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 21:55	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:55	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 21:55	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 21:55	5
Chromium	0.014		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 21:55	5
Calcium	9.6		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 21:55	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 21:55	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 21:55	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 21:55	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 21:55	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 21:55	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 21:55	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 21:55	5
Vanadium	0.0064		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 21:55	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 21:55	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000077	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	100		5.0	3.4	mg/L			10/06/18 10:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-19
Date Collected: 10/02/18 13:30
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-15
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.7		1.0	0.89	mg/L			10/12/18 18:31	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 18:31	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 18:31	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 22:00	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 22:00	5
Barium	0.018		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 22:00	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 22:00	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 22:00	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 22:00	5
Chromium	0.0097		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 22:00	5
Calcium	11		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 22:00	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 22:00	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 22:00	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 22:00	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 22:00	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 22:00	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 22:00	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 22:00	5
Vanadium	0.0073		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 22:00	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 22:00	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000081	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	130		5.0	3.4	mg/L			10/06/18 10:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-3
Date Collected: 10/03/18 09:05
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-16
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.5		1.0	0.89	mg/L			10/12/18 18:54	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 18:54	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 18:54	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 22:04	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 22:04	5
Barium	0.016		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 22:04	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 22:04	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 22:04	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 22:04	5
Chromium	0.0081		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 22:04	5
Calcium	7.5		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 22:04	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 22:04	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 22:04	5
Lead	0.00037	J	0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 22:04	5
Nickel	0.0018	J	0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 22:04	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 22:04	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 22:04	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 22:04	5
Vanadium	0.0053		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 22:04	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 22:04	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000078	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	60		5.0	3.4	mg/L			10/09/18 12:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-4
Date Collected: 10/03/18 10:35
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-17
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13		1.0	0.89	mg/L			10/12/18 19:17	1
Fluoride	0.10	J *	0.20	0.082	mg/L			10/12/18 19:17	1
Sulfate	2.9		1.0	0.70	mg/L			10/12/18 19:17	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 22:09	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 22:09	5
Barium	0.042		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 22:09	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 22:09	5
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 22:09	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 22:09	5
Chromium	0.0039		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 22:09	5
Calcium	13		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 22:09	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 22:09	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 22:09	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 22:09	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 22:09	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 22:09	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 22:09	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 22:09	5
Vanadium	0.0060		0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 22:09	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 22:09	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000080	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	120		5.0	3.4	mg/L			10/09/18 12:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-5
Date Collected: 10/03/18 09:15
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-18
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46		1.0	0.89	mg/L			10/12/18 20:26	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 20:26	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	270		10	7.0	mg/L			10/14/18 06:11	10

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/12/18 18:46	10/13/18 22:13	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/12/18 18:46	10/13/18 22:13	5
Barium	0.036		0.0025	0.00049	mg/L		10/12/18 18:46	10/13/18 22:13	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 22:13	5
Boron	0.47		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 22:13	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/12/18 18:46	10/13/18 22:13	5
Chromium	0.0030		0.0025	0.0011	mg/L		10/12/18 18:46	10/13/18 22:13	5
Calcium	88		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 22:13	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/12/18 18:46	10/13/18 22:13	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/12/18 18:46	10/13/18 22:13	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/12/18 18:46	10/13/18 22:13	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/12/18 18:46	10/13/18 22:13	5
Selenium	0.021		0.0013	0.00024	mg/L		10/12/18 18:46	10/13/18 22:13	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/12/18 18:46	10/13/18 22:13	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/12/18 18:46	10/13/18 22:13	5
Vanadium	0.0018	J	0.0025	0.0014	mg/L		10/12/18 18:46	10/13/18 22:13	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/12/18 18:46	10/13/18 22:13	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000081	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	620		5.0	3.4	mg/L			10/09/18 12:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: FD-2(LF)

Lab Sample ID: 400-159951-19

Date Collected: 10/03/18 00:00

Matrix: Water

Date Received: 10/05/18 08:46

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46		1.0	0.89	mg/L			10/12/18 22:20	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 22:20	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	290		10	7.0	mg/L			10/14/18 06:33	10

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/13/18 22:31	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/13/18 22:31	5
Barium	0.035		0.0025	0.00049	mg/L		10/13/18 09:59	10/13/18 22:31	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 22:31	5
Boron	0.47		0.050	0.021	mg/L		10/13/18 09:59	10/13/18 22:31	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 22:31	5
Chromium	0.0029		0.0025	0.0011	mg/L		10/13/18 09:59	10/13/18 22:31	5
Calcium	88		0.25	0.13	mg/L		10/13/18 09:59	10/13/18 22:31	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/13/18 22:31	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/13/18 22:31	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/13/18 22:31	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/13/18 22:31	5
Selenium	0.022		0.0013	0.00024	mg/L		10/13/18 09:59	10/13/18 22:31	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/13/18 22:31	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/13/18 22:31	5
Vanadium	0.0016	J	0.0025	0.0014	mg/L		10/13/18 09:59	10/13/18 22:31	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/13/18 22:31	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000081	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	670		5.0	3.4	mg/L			10/06/18 10:55	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-6
Date Collected: 10/03/18 10:10
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-20
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.7		1.0	0.89	mg/L			10/12/18 22:43	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 22:43	1
Sulfate	10		1.0	0.70	mg/L			10/12/18 22:43	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/13/18 23:16	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/13/18 23:16	5
Barium	0.051		0.0025	0.00049	mg/L		10/13/18 09:59	10/13/18 23:16	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:16	5
Boron	<0.021		0.050	0.021	mg/L		10/13/18 09:59	10/13/18 23:16	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:16	5
Chromium	0.0042		0.0025	0.0011	mg/L		10/13/18 09:59	10/13/18 23:16	5
Calcium	16		0.25	0.13	mg/L		10/13/18 09:59	10/13/18 23:16	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/13/18 23:16	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/13/18 23:16	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/13/18 23:16	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/13/18 23:16	5
Selenium	0.00056	J	0.0013	0.00024	mg/L		10/13/18 09:59	10/13/18 23:16	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/13/18 23:16	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/13/18 23:16	5
Vanadium	0.0081		0.0025	0.0014	mg/L		10/13/18 09:59	10/13/18 23:16	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/13/18 23:16	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000077	J B	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 14:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	120		5.0	3.4	mg/L			10/09/18 12:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-13
Date Collected: 10/03/18 12:35
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-21
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.5		1.0	0.89	mg/L			10/12/18 23:05	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 23:05	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 23:05	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/13/18 23:20	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/13/18 23:20	5
Barium	0.030		0.0025	0.00049	mg/L		10/13/18 09:59	10/13/18 23:20	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:20	5
Boron	<0.021		0.050	0.021	mg/L		10/13/18 09:59	10/13/18 23:20	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:20	5
Chromium	0.0056		0.0025	0.0011	mg/L		10/13/18 09:59	10/13/18 23:20	5
Calcium	6.4		0.25	0.13	mg/L		10/13/18 09:59	10/13/18 23:20	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/13/18 23:20	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/13/18 23:20	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/13/18 23:20	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/13/18 23:20	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/13/18 23:20	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/13/18 23:20	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/13/18 23:20	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/13/18 09:59	10/13/18 23:20	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/13/18 23:20	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000085	J B	0.00020	0.000070	mg/L		10/11/18 12:18	10/12/18 12:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	22		5.0	3.4	mg/L			10/09/18 12:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: EB-2(LF)

Lab Sample ID: 400-159951-22

Date Collected: 10/03/18 13:25

Matrix: Water

Date Received: 10/05/18 08:46

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/12/18 20:49	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 20:49	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 20:49	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/13/18 23:25	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/13/18 23:25	5
Barium	<0.00049		0.0025	0.00049	mg/L		10/13/18 09:59	10/13/18 23:25	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:25	5
Boron	<0.021		0.050	0.021	mg/L		10/13/18 09:59	10/13/18 23:25	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:25	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/13/18 09:59	10/13/18 23:25	5
Calcium	<0.13		0.25	0.13	mg/L		10/13/18 09:59	10/13/18 23:25	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/13/18 23:25	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/13/18 23:25	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/13/18 23:25	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/13/18 23:25	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/13/18 23:25	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/13/18 23:25	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/13/18 23:25	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/13/18 09:59	10/13/18 23:25	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/13/18 23:25	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000085	J B	0.00020	0.000070	mg/L		10/11/18 12:18	10/12/18 12:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/09/18 12:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-20
Date Collected: 10/03/18 09:30
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-23
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		1.0	0.89	mg/L			10/12/18 23:28	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 23:28	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 23:28	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/13/18 23:29	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/13/18 23:29	5
Barium	0.028		0.0025	0.00049	mg/L		10/13/18 09:59	10/13/18 23:29	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:29	5
Boron	<0.021		0.050	0.021	mg/L		10/13/18 09:59	10/13/18 23:29	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:29	5
Chromium	0.0091		0.0025	0.0011	mg/L		10/13/18 09:59	10/13/18 23:29	5
Calcium	13		0.25	0.13	mg/L		10/13/18 09:59	10/13/18 23:29	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/13/18 23:29	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/13/18 23:29	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/13/18 23:29	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/13/18 23:29	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/13/18 23:29	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/13/18 23:29	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/13/18 23:29	5
Vanadium	0.017		0.0025	0.0014	mg/L		10/13/18 09:59	10/13/18 23:29	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/13/18 23:29	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000083	J B	0.00020	0.000070	mg/L		10/11/18 12:18	10/12/18 12:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	130		5.0	3.4	mg/L			10/09/18 15:51	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: FB-2(LF)

Lab Sample ID: 400-159951-24

Date Collected: 10/03/18 10:20

Matrix: Water

Date Received: 10/05/18 08:46

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/12/18 21:11	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 21:11	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 21:11	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/13/18 23:34	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/13/18 23:34	5
Barium	<0.00049		0.0025	0.00049	mg/L		10/13/18 09:59	10/13/18 23:34	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:34	5
Boron	<0.021		0.050	0.021	mg/L		10/13/18 09:59	10/13/18 23:34	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:34	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/13/18 09:59	10/13/18 23:34	5
Calcium	<0.13		0.25	0.13	mg/L		10/13/18 09:59	10/13/18 23:34	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/13/18 23:34	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/13/18 23:34	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/13/18 23:34	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/13/18 23:34	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/13/18 23:34	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/13/18 23:34	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/13/18 23:34	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/13/18 09:59	10/13/18 23:34	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/13/18 23:34	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000079	J B	0.00020	0.000070	mg/L		10/11/18 12:18	10/12/18 12:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/09/18 12:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-7
Date Collected: 10/04/18 09:30
Date Received: 10/06/18 08:31

Lab Sample ID: 400-159951-30
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.7		1.0	0.89	mg/L			10/13/18 21:25	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 21:25	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 21:25	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/14/18 00:23	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/14/18 00:23	5
Barium	0.031		0.0025	0.00049	mg/L		10/13/18 09:59	10/14/18 00:23	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:23	5
Boron	<0.021		0.050	0.021	mg/L		10/13/18 09:59	10/14/18 00:23	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:23	5
Chromium	0.0083		0.0025	0.0011	mg/L		10/13/18 09:59	10/14/18 00:23	5
Calcium	13		0.25	0.13	mg/L		10/13/18 09:59	10/14/18 00:23	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/14/18 00:23	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/14/18 00:23	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/14/18 00:23	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/14/18 00:23	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/14/18 00:23	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/14/18 00:23	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/14/18 00:23	5
Vanadium	0.012		0.0025	0.0014	mg/L		10/13/18 09:59	10/14/18 00:23	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/14/18 00:23	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000089	J B	0.00020	0.000070	mg/L		10/11/18 12:18	10/12/18 12:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	110		5.0	3.4	mg/L			10/10/18 11:10	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-8A

Date Collected: 10/04/18 14:10

Date Received: 10/06/18 08:31

Lab Sample ID: 400-159951-31

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.1		1.0	0.89	mg/L			10/13/18 07:20	1
Fluoride	0.14	J *	0.20	0.082	mg/L			10/13/18 07:20	1
Sulfate	30		1.0	0.70	mg/L			10/13/18 07:20	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/14/18 00:27	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/14/18 00:27	5
Barium	0.012		0.0025	0.00049	mg/L		10/13/18 09:59	10/14/18 00:27	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:27	5
Boron	0.21		0.050	0.021	mg/L		10/13/18 09:59	10/14/18 00:27	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:27	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/13/18 09:59	10/14/18 00:27	5
Calcium	37		0.25	0.13	mg/L		10/13/18 09:59	10/14/18 00:27	5
Cobalt	0.00048	J	0.0025	0.00040	mg/L		10/13/18 09:59	10/14/18 00:27	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/14/18 00:27	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/14/18 00:27	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/14/18 00:27	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/14/18 00:27	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/14/18 00:27	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/14/18 00:27	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/13/18 09:59	10/14/18 00:27	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/14/18 00:27	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/12/18 12:52	10/16/18 10:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	180	H	5.0	3.4	mg/L			10/16/18 15:41	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-8A
Date Collected: 10/17/18 11:15
Date Received: 10/19/18 09:04

Lab Sample ID: 400-159951-32
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	170		5.0	3.4	mg/L			10/23/18 11:59	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD is outside acceptance limits.
F1	MS and/or MSD Recovery is outside acceptance limits.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit
H	Sample was prepped or analyzed beyond the specified holding time

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-1

Date Collected: 10/02/18 11:25

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415062	10/12/18 01:47	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 19:54	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 12:56	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414346	10/05/18 18:25	DEK	TAL PEN

Client Sample ID: GWC-2

Date Collected: 10/02/18 14:10

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415062	10/12/18 02:10	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 19:59	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 13:39	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414346	10/05/18 18:25	DEK	TAL PEN

Client Sample ID: GWC-9

Date Collected: 10/02/18 15:30

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415062	10/12/18 02:32	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 20:43	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 13:41	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414346	10/05/18 18:25	DEK	TAL PEN

Client Sample ID: GWC-10

Date Collected: 10/02/18 14:10

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415062	10/12/18 03:41	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 20:48	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 13:43	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414346	10/05/18 18:25	DEK	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-11

Lab Sample ID: 400-159951-5

Date Collected: 10/02/18 11:35

Matrix: Water

Date Received: 10/05/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415062	10/12/18 04:04	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 20:52	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 13:45	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414372	10/06/18 10:55	DEK	TAL PEN

Client Sample ID: GWC-12

Lab Sample ID: 400-159951-6

Date Collected: 10/02/18 09:30

Matrix: Water

Date Received: 10/05/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415062	10/12/18 04:26	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 20:57	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 13:47	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414372	10/06/18 10:55	DEK	TAL PEN

Client Sample ID: GWC-14

Lab Sample ID: 400-159951-7

Date Collected: 10/02/18 15:20

Matrix: Water

Date Received: 10/05/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415062	10/12/18 04:49	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 21:01	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 13:49	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414372	10/06/18 10:55	DEK	TAL PEN

Client Sample ID: EB-1(LF)

Lab Sample ID: 400-159951-8

Date Collected: 10/02/18 16:15

Matrix: Water

Date Received: 10/05/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415062	10/12/18 05:12	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 21:06	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 13:51	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414372	10/06/18 10:55	DEK	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWA-15

Lab Sample ID: 400-159951-9

Date Collected: 10/02/18 09:35

Matrix: Water

Date Received: 10/05/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415062	10/12/18 05:35	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 21:10	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 14:19	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414372	10/06/18 10:55	DEK	TAL PEN

Client Sample ID: FD-1(LF)

Lab Sample ID: 400-159951-10

Date Collected: 10/02/18 00:00

Matrix: Water

Date Received: 10/05/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/13/18 01:00	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 21:15	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 14:20	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414346	10/05/18 18:25	DEK	TAL PEN

Client Sample ID: GWA-16

Lab Sample ID: 400-159951-11

Date Collected: 10/02/18 09:30

Matrix: Water

Date Received: 10/05/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 16:14	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 21:19	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 14:22	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414372	10/06/18 10:55	DEK	TAL PEN

Client Sample ID: FB-1(LF)

Lab Sample ID: 400-159951-12

Date Collected: 10/02/18 09:40

Matrix: Water

Date Received: 10/05/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 16:37	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 21:24	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 14:24	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414372	10/06/18 10:55	DEK	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWA-17

Lab Sample ID: 400-159951-13

Date Collected: 10/02/18 10:40

Matrix: Water

Date Received: 10/05/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 17:46	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 21:51	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 14:26	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414372	10/06/18 10:55	DEK	TAL PEN

Client Sample ID: GWC-18

Lab Sample ID: 400-159951-14

Date Collected: 10/02/18 12:10

Matrix: Water

Date Received: 10/05/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 04:25	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 21:55	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 14:28	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414372	10/06/18 10:55	DEK	TAL PEN

Client Sample ID: GWC-19

Lab Sample ID: 400-159951-15

Date Collected: 10/02/18 13:30

Matrix: Water

Date Received: 10/05/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 18:31	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 22:00	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 14:30	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414372	10/06/18 10:55	DEK	TAL PEN

Client Sample ID: GWC-3

Lab Sample ID: 400-159951-16

Date Collected: 10/03/18 09:05

Matrix: Water

Date Received: 10/05/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 18:54	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 22:04	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 14:32	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414715	10/09/18 12:50	DEK	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-4

Date Collected: 10/03/18 10:35

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 19:17	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 22:09	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 14:33	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414715	10/09/18 12:50	DEK	TAL PEN

Client Sample ID: GWC-5

Date Collected: 10/03/18 09:15

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 20:26	BAW	TAL PEN
Total/NA	Analysis	300.0	DL	10	415353	10/14/18 06:11	BAW	TAL PEN
Total Recoverable	Prep	3005A			415242	10/12/18 18:46	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 22:13	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 14:35	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414715	10/09/18 12:50	DEK	TAL PEN

Client Sample ID: FD-2(LF)

Date Collected: 10/03/18 00:00

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 22:20	BAW	TAL PEN
Total/NA	Analysis	300.0	DL	10	415353	10/14/18 06:33	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 22:31	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 14:55	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414372	10/06/18 10:55	DEK	TAL PEN

Client Sample ID: GWC-6

Date Collected: 10/03/18 10:10

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 22:43	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 23:16	DRE	TAL PEN
Total/NA	Prep	7470A			414998	10/11/18 12:26	JAP	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: GWC-6

Lab Sample ID: 400-159951-20

Date Collected: 10/03/18 10:10

Matrix: Water

Date Received: 10/05/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7470A		1	415199	10/12/18 14:56	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414715	10/09/18 12:50	DEK	TAL PEN

Client Sample ID: GWC-13

Lab Sample ID: 400-159951-21

Date Collected: 10/03/18 12:35

Matrix: Water

Date Received: 10/05/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 23:05	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 23:20	DRE	TAL PEN
Total/NA	Prep	7470A			414650	10/11/18 12:18	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 12:17	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414715	10/09/18 12:50	DEK	TAL PEN

Client Sample ID: EB-2(LF)

Lab Sample ID: 400-159951-22

Date Collected: 10/03/18 13:25

Matrix: Water

Date Received: 10/05/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 20:49	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 23:25	DRE	TAL PEN
Total/NA	Prep	7470A			414650	10/11/18 12:18	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 12:18	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414715	10/09/18 12:50	DEK	TAL PEN

Client Sample ID: GWC-20

Lab Sample ID: 400-159951-23

Date Collected: 10/03/18 09:30

Matrix: Water

Date Received: 10/05/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 23:28	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 23:29	DRE	TAL PEN
Total/NA	Prep	7470A			414650	10/11/18 12:18	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 12:20	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414754	10/09/18 15:51	DEK	TAL PEN

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Client Sample ID: FB-2(LF)

Lab Sample ID: 400-159951-24

Date Collected: 10/03/18 10:20

Matrix: Water

Date Received: 10/05/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 21:11	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 23:34	DRE	TAL PEN
Total/NA	Prep	7470A			414650	10/11/18 12:18	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 12:39	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414715	10/09/18 12:50	DEK	TAL PEN

Client Sample ID: GWC-7

Lab Sample ID: 400-159951-30

Date Collected: 10/04/18 09:30

Matrix: Water

Date Received: 10/06/18 08:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415375	10/13/18 21:25	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/14/18 00:23	DRE	TAL PEN
Total/NA	Prep	7470A			414650	10/11/18 12:18	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 12:50	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414852	10/10/18 11:10	CLB	TAL PEN

Client Sample ID: GWC-8A

Lab Sample ID: 400-159951-31

Date Collected: 10/04/18 14:10

Matrix: Water

Date Received: 10/06/18 08:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 07:20	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/14/18 00:27	DRE	TAL PEN
Total/NA	Prep	7470A			415172	10/12/18 12:52	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415762	10/16/18 10:05	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	415675	10/16/18 15:41	CLB	TAL PEN

Client Sample ID: GWC-8A

Lab Sample ID: 400-159951-32

Date Collected: 10/17/18 11:15

Matrix: Water

Date Received: 10/19/18 09:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	416581	10/23/18 11:59	CLB	TAL PEN

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

HPLC/IC

Analysis Batch: 415062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-1	GWC-1	Total/NA	Water	300.0	
400-159951-2	GWC-2	Total/NA	Water	300.0	
400-159951-3	GWC-9	Total/NA	Water	300.0	
400-159951-4	GWC-10	Total/NA	Water	300.0	
400-159951-5	GWC-11	Total/NA	Water	300.0	
400-159951-6	GWC-12	Total/NA	Water	300.0	
400-159951-7	GWC-14	Total/NA	Water	300.0	
400-159951-8	EB-1(LF)	Total/NA	Water	300.0	
400-159951-9	GWA-15	Total/NA	Water	300.0	
MB 400-415062/17	Method Blank	Total/NA	Water	300.0	
LCS 400-415062/38	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-415062/39	Lab Control Sample Dup	Total/NA	Water	300.0	
400-160367-I-1 MS	Matrix Spike	Total/NA	Water	300.0	
400-160367-I-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 415154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-10	FD-1(LF)	Total/NA	Water	300.0	
400-159951-11	GWA-16	Total/NA	Water	300.0	
400-159951-12	FB-1(LF)	Total/NA	Water	300.0	
400-159951-13	GWA-17	Total/NA	Water	300.0	
400-159951-15	GWC-19	Total/NA	Water	300.0	
400-159951-16	GWC-3	Total/NA	Water	300.0	
400-159951-17	GWC-4	Total/NA	Water	300.0	
400-159951-18	GWC-5	Total/NA	Water	300.0	
400-159951-19	FD-2(LF)	Total/NA	Water	300.0	
400-159951-20	GWC-6	Total/NA	Water	300.0	
400-159951-21	GWC-13	Total/NA	Water	300.0	
400-159951-22	EB-2(LF)	Total/NA	Water	300.0	
400-159951-23	GWC-20	Total/NA	Water	300.0	
400-159951-24	FB-2(LF)	Total/NA	Water	300.0	
MB 400-415154/16	Method Blank	Total/NA	Water	300.0	
LCS 400-415154/19	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-415154/20	Lab Control Sample Dup	Total/NA	Water	300.0	
400-160288-D-1 MS	Matrix Spike	Total/NA	Water	300.0	
400-160288-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 415319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-14	GWC-18	Total/NA	Water	300.0	
400-159951-31	GWC-8A	Total/NA	Water	300.0	
MB 400-415319/4	Method Blank	Total/NA	Water	300.0	
LCS 400-415319/5	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-415319/6	Lab Control Sample Dup	Total/NA	Water	300.0	
400-159951-A-27 MS	Matrix Spike	Total/NA	Water	300.0	
400-159951-A-27 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 415353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-18 - DL	GWC-5	Total/NA	Water	300.0	
400-159951-19 - DL	FD-2(LF)	Total/NA	Water	300.0	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

HPLC/IC (Continued)

Analysis Batch: 415353 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-415353/4	Method Blank	Total/NA	Water	300.0	
LCS 400-415353/5	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-415353/6	Lab Control Sample Dup	Total/NA	Water	300.0	
400-160172-A-1 MS	Matrix Spike	Total/NA	Water	300.0	
400-160172-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 415375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-30	GWC-7	Total/NA	Water	300.0	
MB 400-415375/36	Method Blank	Total/NA	Water	300.0	
LCS 400-415375/37	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-415375/38	Lab Control Sample Dup	Total/NA	Water	300.0	
400-159951-A-29 MS	Matrix Spike	Total/NA	Water	300.0	
400-159951-A-29 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 414650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-21	GWC-13	Total/NA	Water	7470A	
400-159951-22	EB-2(LF)	Total/NA	Water	7470A	
400-159951-23	GWC-20	Total/NA	Water	7470A	
400-159951-24	FB-2(LF)	Total/NA	Water	7470A	
400-159951-30	GWC-7	Total/NA	Water	7470A	
MB 400-414650/13-A	Method Blank	Total/NA	Water	7470A	
LCS 400-414650/14-A	Lab Control Sample	Total/NA	Water	7470A	
400-160237-F-1-B MS	Matrix Spike	Total/NA	Water	7470A	
400-160237-F-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 414998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-1	GWC-1	Total/NA	Water	7470A	
400-159951-2	GWC-2	Total/NA	Water	7470A	
400-159951-3	GWC-9	Total/NA	Water	7470A	
400-159951-4	GWC-10	Total/NA	Water	7470A	
400-159951-5	GWC-11	Total/NA	Water	7470A	
400-159951-6	GWC-12	Total/NA	Water	7470A	
400-159951-7	GWC-14	Total/NA	Water	7470A	
400-159951-8	EB-1(LF)	Total/NA	Water	7470A	
400-159951-9	GWA-15	Total/NA	Water	7470A	
400-159951-10	FD-1(LF)	Total/NA	Water	7470A	
400-159951-11	GWA-16	Total/NA	Water	7470A	
400-159951-12	FB-1(LF)	Total/NA	Water	7470A	
400-159951-13	GWA-17	Total/NA	Water	7470A	
400-159951-14	GWC-18	Total/NA	Water	7470A	
400-159951-15	GWC-19	Total/NA	Water	7470A	
400-159951-16	GWC-3	Total/NA	Water	7470A	
400-159951-17	GWC-4	Total/NA	Water	7470A	
400-159951-18	GWC-5	Total/NA	Water	7470A	
400-159951-19	FD-2(LF)	Total/NA	Water	7470A	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Metals (Continued)

Prep Batch: 414998 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-20	GWC-6	Total/NA	Water	7470A	
MB 400-414998/13-A	Method Blank	Total/NA	Water	7470A	
LCS 400-414998/14-A	Lab Control Sample	Total/NA	Water	7470A	
400-159951-1 MS	GWC-1	Total/NA	Water	7470A	
400-159951-1 MSD	GWC-1	Total/NA	Water	7470A	

Prep Batch: 415172

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-31	GWC-8A	Total/NA	Water	7470A	
MB 400-415172/13-A	Method Blank	Total/NA	Water	7470A	
LCS 400-415172/14-A	Lab Control Sample	Total/NA	Water	7470A	
400-160219-E-1-C MS	Matrix Spike	Dissolved	Water	7470A	
400-160219-E-1-D MSD	Matrix Spike Duplicate	Dissolved	Water	7470A	

Analysis Batch: 415199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-1	GWC-1	Total/NA	Water	7470A	414998
400-159951-2	GWC-2	Total/NA	Water	7470A	414998
400-159951-3	GWC-9	Total/NA	Water	7470A	414998
400-159951-4	GWC-10	Total/NA	Water	7470A	414998
400-159951-5	GWC-11	Total/NA	Water	7470A	414998
400-159951-6	GWC-12	Total/NA	Water	7470A	414998
400-159951-7	GWC-14	Total/NA	Water	7470A	414998
400-159951-8	EB-1(LF)	Total/NA	Water	7470A	414998
400-159951-9	GWA-15	Total/NA	Water	7470A	414998
400-159951-10	FD-1(LF)	Total/NA	Water	7470A	414998
400-159951-11	GWA-16	Total/NA	Water	7470A	414998
400-159951-12	FB-1(LF)	Total/NA	Water	7470A	414998
400-159951-13	GWA-17	Total/NA	Water	7470A	414998
400-159951-14	GWC-18	Total/NA	Water	7470A	414998
400-159951-15	GWC-19	Total/NA	Water	7470A	414998
400-159951-16	GWC-3	Total/NA	Water	7470A	414998
400-159951-17	GWC-4	Total/NA	Water	7470A	414998
400-159951-18	GWC-5	Total/NA	Water	7470A	414998
400-159951-19	FD-2(LF)	Total/NA	Water	7470A	414998
400-159951-20	GWC-6	Total/NA	Water	7470A	414998
400-159951-21	GWC-13	Total/NA	Water	7470A	414650
400-159951-22	EB-2(LF)	Total/NA	Water	7470A	414650
400-159951-23	GWC-20	Total/NA	Water	7470A	414650
400-159951-24	FB-2(LF)	Total/NA	Water	7470A	414650
400-159951-30	GWC-7	Total/NA	Water	7470A	414650
MB 400-414650/13-A	Method Blank	Total/NA	Water	7470A	414650
MB 400-414998/13-A	Method Blank	Total/NA	Water	7470A	414998
LCS 400-414650/14-A	Lab Control Sample	Total/NA	Water	7470A	414650
LCS 400-414998/14-A	Lab Control Sample	Total/NA	Water	7470A	414998
400-159951-1 MS	GWC-1	Total/NA	Water	7470A	414998
400-159951-1 MSD	GWC-1	Total/NA	Water	7470A	414998
400-160237-F-1-B MS	Matrix Spike	Total/NA	Water	7470A	414650
400-160237-F-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	414650

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Metals (Continued)

Prep Batch: 415242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-1	GWC-1	Total Recoverable	Water	3005A	
400-159951-2	GWC-2	Total Recoverable	Water	3005A	
400-159951-3	GWC-9	Total Recoverable	Water	3005A	
400-159951-4	GWC-10	Total Recoverable	Water	3005A	
400-159951-5	GWC-11	Total Recoverable	Water	3005A	
400-159951-6	GWC-12	Total Recoverable	Water	3005A	
400-159951-7	GWC-14	Total Recoverable	Water	3005A	
400-159951-8	EB-1(LF)	Total Recoverable	Water	3005A	
400-159951-9	GWA-15	Total Recoverable	Water	3005A	
400-159951-10	FD-1(LF)	Total Recoverable	Water	3005A	
400-159951-11	GWA-16	Total Recoverable	Water	3005A	
400-159951-12	FB-1(LF)	Total Recoverable	Water	3005A	
400-159951-13	GWA-17	Total Recoverable	Water	3005A	
400-159951-14	GWC-18	Total Recoverable	Water	3005A	
400-159951-15	GWC-19	Total Recoverable	Water	3005A	
400-159951-16	GWC-3	Total Recoverable	Water	3005A	
400-159951-17	GWC-4	Total Recoverable	Water	3005A	
400-159951-18	GWC-5	Total Recoverable	Water	3005A	
MB 400-415242/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-415242/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-159951-2 MS	GWC-2	Total Recoverable	Water	3005A	
400-159951-2 MSD	GWC-2	Total Recoverable	Water	3005A	

Prep Batch: 415279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-19	FD-2(LF)	Total Recoverable	Water	3005A	
400-159951-20	GWC-6	Total Recoverable	Water	3005A	
400-159951-21	GWC-13	Total Recoverable	Water	3005A	
400-159951-22	EB-2(LF)	Total Recoverable	Water	3005A	
400-159951-23	GWC-20	Total Recoverable	Water	3005A	
400-159951-24	FB-2(LF)	Total Recoverable	Water	3005A	
400-159951-30	GWC-7	Total Recoverable	Water	3005A	
400-159951-31	GWC-8A	Total Recoverable	Water	3005A	
MB 400-415279/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-415279/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-159951-19 MS	FD-2(LF)	Total Recoverable	Water	3005A	
400-159951-19 MSD	FD-2(LF)	Total Recoverable	Water	3005A	

Analysis Batch: 415414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-1	GWC-1	Total Recoverable	Water	6020	415242
400-159951-2	GWC-2	Total Recoverable	Water	6020	415242
400-159951-3	GWC-9	Total Recoverable	Water	6020	415242
400-159951-4	GWC-10	Total Recoverable	Water	6020	415242
400-159951-5	GWC-11	Total Recoverable	Water	6020	415242
400-159951-6	GWC-12	Total Recoverable	Water	6020	415242
400-159951-7	GWC-14	Total Recoverable	Water	6020	415242
400-159951-8	EB-1(LF)	Total Recoverable	Water	6020	415242
400-159951-9	GWA-15	Total Recoverable	Water	6020	415242
400-159951-10	FD-1(LF)	Total Recoverable	Water	6020	415242
400-159951-11	GWA-16	Total Recoverable	Water	6020	415242

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Metals (Continued)

Analysis Batch: 415414 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-12	FB-1(LF)	Total Recoverable	Water	6020	415242
400-159951-13	GWA-17	Total Recoverable	Water	6020	415242
400-159951-14	GWC-18	Total Recoverable	Water	6020	415242
400-159951-15	GWC-19	Total Recoverable	Water	6020	415242
400-159951-16	GWC-3	Total Recoverable	Water	6020	415242
400-159951-17	GWC-4	Total Recoverable	Water	6020	415242
400-159951-18	GWC-5	Total Recoverable	Water	6020	415242
400-159951-19	FD-2(LF)	Total Recoverable	Water	6020	415279
400-159951-20	GWC-6	Total Recoverable	Water	6020	415279
400-159951-21	GWC-13	Total Recoverable	Water	6020	415279
400-159951-22	EB-2(LF)	Total Recoverable	Water	6020	415279
400-159951-23	GWC-20	Total Recoverable	Water	6020	415279
400-159951-24	FB-2(LF)	Total Recoverable	Water	6020	415279
400-159951-30	GWC-7	Total Recoverable	Water	6020	415279
400-159951-31	GWC-8A	Total Recoverable	Water	6020	415279
MB 400-415242/1-A ^5	Method Blank	Total Recoverable	Water	6020	415242
MB 400-415279/1-A ^5	Method Blank	Total Recoverable	Water	6020	415279
LCS 400-415242/2-A	Lab Control Sample	Total Recoverable	Water	6020	415242
LCS 400-415279/2-A	Lab Control Sample	Total Recoverable	Water	6020	415279
400-159951-2 MS	GWC-2	Total Recoverable	Water	6020	415242
400-159951-2 MSD	GWC-2	Total Recoverable	Water	6020	415242
400-159951-19 MS	FD-2(LF)	Total Recoverable	Water	6020	415279
400-159951-19 MSD	FD-2(LF)	Total Recoverable	Water	6020	415279

Analysis Batch: 415762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-31	GWC-8A	Total/NA	Water	7470A	415172
MB 400-415172/13-A	Method Blank	Total/NA	Water	7470A	415172
LCS 400-415172/14-A	Lab Control Sample	Total/NA	Water	7470A	415172
400-160219-E-1-C MS	Matrix Spike	Dissolved	Water	7470A	415172
400-160219-E-1-D MSD	Matrix Spike Duplicate	Dissolved	Water	7470A	415172

General Chemistry

Analysis Batch: 414346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-1	GWC-1	Total/NA	Water	SM 2540C	
400-159951-2	GWC-2	Total/NA	Water	SM 2540C	
400-159951-3	GWC-9	Total/NA	Water	SM 2540C	
400-159951-4	GWC-10	Total/NA	Water	SM 2540C	
400-159951-10	FD-1(LF)	Total/NA	Water	SM 2540C	
MB 400-414346/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-414346/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-159951-4 DU	GWC-10	Total/NA	Water	SM 2540C	
400-160114-A-2 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 414372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-5	GWC-11	Total/NA	Water	SM 2540C	
400-159951-6	GWC-12	Total/NA	Water	SM 2540C	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

General Chemistry (Continued)

Analysis Batch: 414372 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-7	GWC-14	Total/NA	Water	SM 2540C	
400-159951-8	EB-1(LF)	Total/NA	Water	SM 2540C	
400-159951-9	GWA-15	Total/NA	Water	SM 2540C	
400-159951-11	GWA-16	Total/NA	Water	SM 2540C	
400-159951-12	FB-1(LF)	Total/NA	Water	SM 2540C	
400-159951-13	GWA-17	Total/NA	Water	SM 2540C	
400-159951-14	GWC-18	Total/NA	Water	SM 2540C	
400-159951-15	GWC-19	Total/NA	Water	SM 2540C	
400-159951-19	FD-2(LF)	Total/NA	Water	SM 2540C	
MB 400-414372/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-414372/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-159951-6 DU	GWC-12	Total/NA	Water	SM 2540C	
400-159951-14 DU	GWC-18	Total/NA	Water	SM 2540C	

Analysis Batch: 414715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-16	GWC-3	Total/NA	Water	SM 2540C	
400-159951-17	GWC-4	Total/NA	Water	SM 2540C	
400-159951-18	GWC-5	Total/NA	Water	SM 2540C	
400-159951-20	GWC-6	Total/NA	Water	SM 2540C	
400-159951-21	GWC-13	Total/NA	Water	SM 2540C	
400-159951-22	EB-2(LF)	Total/NA	Water	SM 2540C	
400-159951-24	FB-2(LF)	Total/NA	Water	SM 2540C	
MB 400-414715/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-414715/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-159951-18 DU	GWC-5	Total/NA	Water	SM 2540C	
400-159951-20 DU	GWC-6	Total/NA	Water	SM 2540C	

Analysis Batch: 414754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-23	GWC-20	Total/NA	Water	SM 2540C	
MB 400-414754/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-414754/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-159951-23 DU	GWC-20	Total/NA	Water	SM 2540C	

Analysis Batch: 414852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-30	GWC-7	Total/NA	Water	SM 2540C	
MB 400-414852/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-414852/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-160176-J-5 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 415675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-31	GWC-8A	Total/NA	Water	SM 2540C	
MB 400-415675/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-415675/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-160400-E-3 DU	Duplicate	Total/NA	Water	SM 2540C	

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

General Chemistry (Continued)

Analysis Batch: 416581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-32	GWC-8A	Total/NA	Water	SM 2540C	
MB 400-416581/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-416581/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-160738-A-4 DU	Duplicate	Total/NA	Water	SM 2540C	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-415062/17
Matrix: Water
Analysis Batch: 415062

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/11/18 17:04	1
Fluoride	<0.082		0.20	0.082	mg/L			10/11/18 17:04	1
Sulfate	<0.70		1.0	0.70	mg/L			10/11/18 17:04	1

Lab Sample ID: LCS 400-415062/38
Matrix: Water
Analysis Batch: 415062

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.82		mg/L		98	90 - 110
Fluoride	10.0	10.3		mg/L		103	90 - 110
Sulfate	10.0	10.7		mg/L		107	90 - 110

Lab Sample ID: LCSD 400-415062/39
Matrix: Water
Analysis Batch: 415062

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.90		mg/L		99	90 - 110	1	15
Fluoride	10.0	10.7		mg/L		107	90 - 110	4	15
Sulfate	10.0	10.1		mg/L		101	90 - 110	5	15

Lab Sample ID: 400-160367-I-1 MS
Matrix: Water
Analysis Batch: 415062

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	13		10.0	23.7		mg/L		107	80 - 120
Fluoride	0.17	J	10.0	11.6		mg/L		114	80 - 120
Sulfate	13	F1	10.0	25.0		mg/L		119	80 - 120

Lab Sample ID: 400-160367-I-1 MSD
Matrix: Water
Analysis Batch: 415062

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	13		10.0	23.8		mg/L		108	80 - 120	0	20
Fluoride	0.17	J	10.0	11.6		mg/L		114	80 - 120	0	20
Sulfate	13	F1	10.0	25.2	F1	mg/L		122	80 - 120	1	20

Lab Sample ID: MB 400-415154/16
Matrix: Water
Analysis Batch: 415154

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/12/18 13:12	1
Fluoride	<0.082		0.20	0.082	mg/L			10/12/18 13:12	1
Sulfate	<0.70		1.0	0.70	mg/L			10/12/18 13:12	1

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 400-415154/19
Matrix: Water
Analysis Batch: 415154

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	10.0		mg/L		100	90 - 110
Fluoride	10.0	11.2	*	mg/L		112	90 - 110
Sulfate	10.0	10.5		mg/L		105	90 - 110

Lab Sample ID: LCSD 400-415154/20
Matrix: Water
Analysis Batch: 415154

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	10.1		mg/L		101	90 - 110	0	15
Fluoride	10.0	10.9		mg/L		109	90 - 110	2	15
Sulfate	10.0	10.7		mg/L		107	90 - 110	2	15

Lab Sample ID: 400-160288-D-1 MS
Matrix: Water
Analysis Batch: 415154

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	0.13	J*	10.0	10.8		mg/L		107	80 - 120
Sulfate	21		10.0	31.5		mg/L		102	80 - 120

Lab Sample ID: 400-160288-D-1 MSD
Matrix: Water
Analysis Batch: 415154

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	0.13	J*	10.0	10.9		mg/L		107	80 - 120	0	20
Sulfate	21		10.0	32.1		mg/L		108	80 - 120	2	20

Lab Sample ID: MB 400-415319/4
Matrix: Water
Analysis Batch: 415319

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/13/18 02:08	1
Fluoride	<0.082		0.20	0.082	mg/L			10/13/18 02:08	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 02:08	1

Lab Sample ID: LCS 400-415319/5
Matrix: Water
Analysis Batch: 415319

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	10.0		mg/L		100	90 - 110
Fluoride	10.0	10.7		mg/L		107	90 - 110
Sulfate	10.0	10.5		mg/L		105	90 - 110

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 400-415319/6
Matrix: Water
Analysis Batch: 415319

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	10.0		mg/L		100	90 - 110	0	15
Fluoride	10.0	11.1	*	mg/L		111	90 - 110	3	15
Sulfate	10.0	10.4		mg/L		104	90 - 110	1	15

Lab Sample ID: 400-159951-A-27 MS
Matrix: Water
Analysis Batch: 415319

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1.6		10.0	11.7		mg/L		100	80 - 120		
Fluoride	<0.082	*	10.0	10.4		mg/L		104	80 - 120		
Sulfate	1.2		10.0	12.0		mg/L		107	80 - 120		

Lab Sample ID: 400-159951-A-27 MSD
Matrix: Water
Analysis Batch: 415319

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1.6		10.0	11.9		mg/L		102	80 - 120	1	20
Fluoride	<0.082	*	10.0	10.8		mg/L		108	80 - 120	3	20
Sulfate	1.2		10.0	12.0		mg/L		108	80 - 120	1	20

Lab Sample ID: MB 400-415353/4
Matrix: Water
Analysis Batch: 415353

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/14/18 03:08	1
Fluoride	<0.082		0.20	0.082	mg/L			10/14/18 03:08	1
Sulfate	<0.70		1.0	0.70	mg/L			10/14/18 03:08	1

Lab Sample ID: LCS 400-415353/5
Matrix: Water
Analysis Batch: 415353

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.95		mg/L		99	90 - 110		
Fluoride	10.0	11.0		mg/L		110	90 - 110		
Sulfate	10.0	10.3		mg/L		103	90 - 110		

Lab Sample ID: LCSD 400-415353/6
Matrix: Water
Analysis Batch: 415353

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.98		mg/L		100	90 - 110	0	15
Fluoride	10.0	10.9		mg/L		109	90 - 110	1	15
Sulfate	10.0	10.5		mg/L		105	90 - 110	2	15

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 400-160172-A-1 MS
Matrix: Water
Analysis Batch: 415353

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1.4		10.0	11.3		mg/L		99	80 - 120
Fluoride	0.13	J	10.0	10.7		mg/L		106	80 - 120
Sulfate	8.3		10.0	18.9		mg/L		106	80 - 120

Lab Sample ID: 400-160172-A-1 MSD
Matrix: Water
Analysis Batch: 415353

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1.4		10.0	11.5		mg/L		101	80 - 120	2	20
Fluoride	0.13	J	10.0	10.6		mg/L		105	80 - 120	1	20
Sulfate	8.3		10.0	19.2		mg/L		109	80 - 120	2	20

Lab Sample ID: MB 400-415375/36
Matrix: Water
Analysis Batch: 415375

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/13/18 14:56	1
Fluoride	<0.082		0.20	0.082	mg/L			10/13/18 14:56	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 14:56	1

Lab Sample ID: LCS 400-415375/37
Matrix: Water
Analysis Batch: 415375

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	10.1		mg/L		101	90 - 110
Fluoride	10.0	10.8		mg/L		108	90 - 110
Sulfate	10.0	10.6		mg/L		106	90 - 110

Lab Sample ID: LCSD 400-415375/38
Matrix: Water
Analysis Batch: 415375

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	10.1		mg/L		101	90 - 110	0	15
Fluoride	10.0	11.2	*	mg/L		112	90 - 110	3	15
Sulfate	10.0	10.5		mg/L		105	90 - 110	1	15

Lab Sample ID: 400-159951-A-29 MS
Matrix: Water
Analysis Batch: 415375

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10		10.0	20.3		mg/L		99	80 - 120
Fluoride	<0.082	*	10.0	10.9		mg/L		109	80 - 120

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 400-159951-A-29 MSD
Matrix: Water
Analysis Batch: 415375

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10		10.0	20.4		mg/L		101	80 - 120	1	20
Fluoride	<0.082	*	10.0	11.2		mg/L		112	80 - 120	3	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-415242/1-A ^5
Matrix: Water
Analysis Batch: 415414

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 415242

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.021		0.050	0.021	mg/L		10/12/18 18:46	10/13/18 19:36	5
Calcium	<0.13		0.25	0.13	mg/L		10/12/18 18:46	10/13/18 19:36	5

Lab Sample ID: LCS 400-415242/2-A
Matrix: Water
Analysis Batch: 415414

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 415242

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Boron	0.100	0.114		mg/L		114	80 - 120
Calcium	5.00	4.88		mg/L		98	80 - 120

Lab Sample ID: 400-159951-2 MS
Matrix: Water
Analysis Batch: 415414

Client Sample ID: GWC-2
Prep Type: Total Recoverable
Prep Batch: 415242

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.0010		0.0500	0.0515		mg/L		103	75 - 125
Arsenic	<0.00046		0.0500	0.0490		mg/L		98	75 - 125
Barium	0.044		0.0500	0.0918		mg/L		95	75 - 125
Beryllium	<0.00034		0.0500	0.0518		mg/L		104	75 - 125
Cadmium	<0.00034		0.0500	0.0488		mg/L		98	75 - 125
Chromium	0.010		0.0500	0.0619		mg/L		103	75 - 125
Cobalt	<0.00040		0.0500	0.0510		mg/L		102	75 - 125
Copper	<0.0021		0.0500	0.0515		mg/L		103	75 - 125
Lead	<0.00035		0.0500	0.0489		mg/L		98	75 - 125
Nickel	<0.0018		0.0500	0.0506		mg/L		101	75 - 125
Selenium	<0.00024		0.0500	0.0501		mg/L		100	75 - 125
Silver	<0.00011		0.0500	0.0476		mg/L		95	75 - 125
Thallium	<0.000085		0.0100	0.00940		mg/L		94	75 - 125
Vanadium	0.015		0.0500	0.0649		mg/L		100	75 - 125
Zinc	<0.0065		0.0500	0.0511		mg/L		102	75 - 125

Lab Sample ID: 400-159951-2 MSD
Matrix: Water
Analysis Batch: 415414

Client Sample ID: GWC-2
Prep Type: Total Recoverable
Prep Batch: 415242

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	<0.0010		0.0500	0.0483		mg/L		97	75 - 125	6	20
Arsenic	<0.00046		0.0500	0.0480		mg/L		96	75 - 125	2	20

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-159951-2 MSD
Matrix: Water
Analysis Batch: 415414

Client Sample ID: GWC-2
Prep Type: Total Recoverable
Prep Batch: 415242

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Barium	0.044		0.0500	0.0907		mg/L		92	75 - 125	1	20
Beryllium	<0.00034		0.0500	0.0512		mg/L		102	75 - 125	1	20
Cadmium	<0.00034		0.0500	0.0483		mg/L		97	75 - 125	1	20
Chromium	0.010		0.0500	0.0596		mg/L		99	75 - 125	4	20
Cobalt	<0.00040		0.0500	0.0502		mg/L		100	75 - 125	1	20
Copper	<0.0021		0.0500	0.0508		mg/L		102	75 - 125	1	20
Lead	<0.00035		0.0500	0.0479		mg/L		96	75 - 125	2	20
Nickel	<0.0018		0.0500	0.0509		mg/L		102	75 - 125	1	20
Selenium	<0.00024		0.0500	0.0479		mg/L		96	75 - 125	4	20
Silver	<0.00011		0.0500	0.0473		mg/L		95	75 - 125	1	20
Thallium	<0.000085		0.0100	0.00935		mg/L		93	75 - 125	1	20
Vanadium	0.015		0.0500	0.0636		mg/L		98	75 - 125	2	20
Zinc	<0.0065		0.0500	0.0519		mg/L		104	75 - 125	2	20

Lab Sample ID: MB 400-415279/1-A ^5
Matrix: Water
Analysis Batch: 415414

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 415279

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/13/18 22:17	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/13/18 22:17	5
Barium	<0.00049		0.0025	0.00049	mg/L		10/13/18 09:59	10/13/18 22:17	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 22:17	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 22:17	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/13/18 09:59	10/13/18 22:17	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/13/18 22:17	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/13/18 22:17	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/13/18 22:17	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/13/18 22:17	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/13/18 22:17	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/13/18 22:17	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/13/18 22:17	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/13/18 09:59	10/13/18 22:17	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/13/18 22:17	5

Lab Sample ID: LCS 400-415279/2-A
Matrix: Water
Analysis Batch: 415414

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 415279

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
		Added	Result				Qualifier
Antimony	0.0500	0.0471		mg/L		94	80 - 120
Arsenic	0.0500	0.0471		mg/L		94	80 - 120
Barium	0.0500	0.0466		mg/L		93	80 - 120
Beryllium	0.0500	0.0474		mg/L		95	80 - 120
Cadmium	0.0500	0.0471		mg/L		94	80 - 120
Chromium	0.0500	0.0467		mg/L		93	80 - 120
Cobalt	0.0500	0.0494		mg/L		99	80 - 120
Copper	0.0500	0.0497		mg/L		99	80 - 120
Lead	0.0500	0.0464		mg/L		93	80 - 120

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 400-415279/2-A
Matrix: Water
Analysis Batch: 415414

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 415279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nickel	0.0500	0.0492		mg/L		98	80 - 120
Selenium	0.0500	0.0454		mg/L		91	80 - 120
Silver	0.0500	0.0454		mg/L		91	80 - 120
Thallium	0.0100	0.00896		mg/L		90	80 - 120
Vanadium	0.0500	0.0495		mg/L		99	80 - 120
Zinc	0.0500	0.0489		mg/L		98	80 - 120

Lab Sample ID: 400-159951-19 MS
Matrix: Water
Analysis Batch: 415414

Client Sample ID: FD-2(LF)
Prep Type: Total Recoverable
Prep Batch: 415279

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.0010		0.0500	0.0548		mg/L		110	75 - 125
Arsenic	<0.00046		0.0500	0.0540		mg/L		108	75 - 125
Barium	0.035		0.0500	0.0893		mg/L		108	75 - 125
Beryllium	<0.00034		0.0500	0.0496		mg/L		99	75 - 125
Cadmium	<0.00034		0.0500	0.0522		mg/L		104	75 - 125
Chromium	0.0029		0.0500	0.0571		mg/L		108	75 - 125
Cobalt	<0.00040		0.0500	0.0542		mg/L		108	75 - 125
Copper	<0.0021		0.0500	0.0544		mg/L		109	75 - 125
Lead	<0.00035		0.0500	0.0480		mg/L		96	75 - 125
Nickel	<0.0018		0.0500	0.0548		mg/L		110	75 - 125
Selenium	0.022		0.0500	0.0708		mg/L		98	75 - 125
Silver	<0.00011		0.0500	0.0503		mg/L		101	75 - 125
Thallium	<0.000085		0.0100	0.00934		mg/L		93	75 - 125
Vanadium	0.0016 J		0.0500	0.0566		mg/L		110	75 - 125
Zinc	<0.0065		0.0500	0.0594		mg/L		119	75 - 125

Lab Sample ID: 400-159951-19 MSD
Matrix: Water
Analysis Batch: 415414

Client Sample ID: FD-2(LF)
Prep Type: Total Recoverable
Prep Batch: 415279

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	<0.0010		0.0500	0.0488		mg/L		98	75 - 125	12	20
Arsenic	<0.00046		0.0500	0.0473		mg/L		95	75 - 125	13	20
Barium	0.035		0.0500	0.0828		mg/L		95	75 - 125	8	20
Beryllium	<0.00034		0.0500	0.0490		mg/L		98	75 - 125	1	20
Cadmium	<0.00034		0.0500	0.0457		mg/L		91	75 - 125	13	20
Chromium	0.0029		0.0500	0.0525		mg/L		99	75 - 125	8	20
Cobalt	<0.00040		0.0500	0.0490		mg/L		98	75 - 125	10	20
Copper	<0.0021		0.0500	0.0491		mg/L		98	75 - 125	10	20
Lead	<0.00035		0.0500	0.0475		mg/L		95	75 - 125	1	20
Nickel	<0.0018		0.0500	0.0495		mg/L		99	75 - 125	10	20
Selenium	0.022		0.0500	0.0689		mg/L		95	75 - 125	3	20
Silver	<0.00011		0.0500	0.0454		mg/L		91	75 - 125	10	20
Thallium	<0.000085		0.0100	0.00922		mg/L		92	75 - 125	1	20
Vanadium	0.0016 J		0.0500	0.0509		mg/L		99	75 - 125	11	20
Zinc	<0.0065		0.0500	0.0551		mg/L		110	75 - 125	7	20

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-414650/13-A
Matrix: Water
Analysis Batch: 415199

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 414650

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000784	J	0.00020	0.000070	mg/L		10/09/18 09:52	10/12/18 10:56	1

Lab Sample ID: LCS 400-414650/14-A
Matrix: Water
Analysis Batch: 415199

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 414650

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00101	0.00109		mg/L		109	80 - 120

Lab Sample ID: 400-160237-F-1-B MS
Matrix: Water
Analysis Batch: 415199

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 414650

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	0.000090	J B F1	0.00201	0.000967	F1	mg/L		44	80 - 120

Lab Sample ID: 400-160237-F-1-C MSD
Matrix: Water
Analysis Batch: 415199

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 414650

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	0.000090	J B F1	0.00201	0.000905	F1	mg/L		40	80 - 120	7	20

Lab Sample ID: MB 400-414998/13-A
Matrix: Water
Analysis Batch: 415199

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 414998

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000876	J	0.00020	0.000070	mg/L		10/11/18 12:26	10/12/18 12:52	1

Lab Sample ID: LCS 400-414998/14-A
Matrix: Water
Analysis Batch: 415199

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 414998

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00101	0.00103		mg/L		103	80 - 120

Lab Sample ID: 400-159951-1 MS
Matrix: Water
Analysis Batch: 415199

Client Sample ID: GWC-1
Prep Type: Total/NA
Prep Batch: 414998

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	0.000072	J B	0.00201	0.00204		mg/L		98	80 - 120

Lab Sample ID: 400-159951-1 MSD
Matrix: Water
Analysis Batch: 415199

Client Sample ID: GWC-1
Prep Type: Total/NA
Prep Batch: 414998

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	0.000072	J B	0.00201	0.00203		mg/L		97	80 - 120	1	20

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Lab Sample ID: MB 400-415172/13-A
Matrix: Water
Analysis Batch: 415762

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 415172

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/12/18 12:51	10/16/18 09:52	1

Lab Sample ID: LCS 400-415172/14-A
Matrix: Water
Analysis Batch: 415762

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 415172

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00101	0.000958		mg/L		95	80 - 120

Lab Sample ID: 400-160219-E-1-C MS
Matrix: Water
Analysis Batch: 415762

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 415172

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	<0.000070	F1	0.00201	0.00170		mg/L		84	80 - 120

Lab Sample ID: 400-160219-E-1-D MSD
Matrix: Water
Analysis Batch: 415762

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved
Prep Batch: 415172

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	<0.000070	F1	0.00201	0.00150	F1	mg/L		75	80 - 120	12	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 400-414346/1
Matrix: Water
Analysis Batch: 414346

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/05/18 18:25	1

Lab Sample ID: LCS 400-414346/2
Matrix: Water
Analysis Batch: 414346

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Total Dissolved Solids	293	282		mg/L		96	78 - 122

Lab Sample ID: 400-159951-4 DU
Matrix: Water
Analysis Batch: 414346

Client Sample ID: GWC-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	150		150		mg/L		1	5

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: 400-160114-A-2 DU
Matrix: Water
Analysis Batch: 414346

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	690		688		mg/L		0.3	5

Lab Sample ID: MB 400-414372/1
Matrix: Water
Analysis Batch: 414372

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/06/18 10:55	1

Lab Sample ID: LCS 400-414372/2
Matrix: Water
Analysis Batch: 414372

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	298		mg/L		102	78 - 122

Lab Sample ID: 400-159951-6 DU
Matrix: Water
Analysis Batch: 414372

Client Sample ID: GWC-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	38		42.0	F3	mg/L		10	5

Lab Sample ID: 400-159951-14 DU
Matrix: Water
Analysis Batch: 414372

Client Sample ID: GWC-18
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	100		92.0	F3	mg/L		8	5

Lab Sample ID: MB 400-414715/1
Matrix: Water
Analysis Batch: 414715

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/09/18 12:50	1

Lab Sample ID: LCS 400-414715/2
Matrix: Water
Analysis Batch: 414715

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	258		mg/L		88	78 - 122

Lab Sample ID: 400-159951-18 DU
Matrix: Water
Analysis Batch: 414715

Client Sample ID: GWC-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	620		618		mg/L		0.3	5

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
 SDG: Cell 1

Lab Sample ID: 400-159951-20 DU
Matrix: Water
Analysis Batch: 414715

Client Sample ID: GWC-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	120		120		mg/L		0	5

Lab Sample ID: MB 400-414754/1
Matrix: Water
Analysis Batch: 414754

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/09/18 15:51	1

Lab Sample ID: LCS 400-414754/2
Matrix: Water
Analysis Batch: 414754

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	262		mg/L		89	78 - 122

Lab Sample ID: 400-159951-23 DU
Matrix: Water
Analysis Batch: 414754

Client Sample ID: GWC-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	130		120		mg/L		5	5

Lab Sample ID: MB 400-414852/1
Matrix: Water
Analysis Batch: 414852

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/10/18 11:10	1

Lab Sample ID: LCS 400-414852/2
Matrix: Water
Analysis Batch: 414852

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	258		mg/L		88	78 - 122

Lab Sample ID: 400-160176-J-5 DU
Matrix: Water
Analysis Batch: 414852

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	480		486		mg/L		2	5

Lab Sample ID: MB 400-415675/1
Matrix: Water
Analysis Batch: 415675

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/16/18 15:41	1

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 400-415675/2
Matrix: Water
Analysis Batch: 415675

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	228		mg/L		78	78 - 122

Lab Sample ID: 400-160400-E-3 DU
Matrix: Water
Analysis Batch: 415675

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	40		38.0		mg/L		5	5

Lab Sample ID: MB 400-416581/1
Matrix: Water
Analysis Batch: 416581

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/23/18 11:59	1

Lab Sample ID: LCS 400-416581/2
Matrix: Water
Analysis Batch: 416581

Client Sample ID: Lab Control Sample
Prep Type: Total/NA


Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	276		mg/L		94	78 - 122

Lab Sample ID: 400-160738-A-4 DU
Matrix: Water
Analysis Batch: 416581

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	250		248		mg/L		0	5

Chain of Custody Record

Client Information		Sampler: Ben Hodges		Lab PM: Whitmire, Cheyenne R		Carrier Tracking No(s):		COC No: 400-67346-27427.1							
Client Contact: Joju Abraham		Phone: 812-258-7457		E-Mail: cheyenne.whitmire@testamericainc.com				Page: Page 1 of 2							
Company: Southern Company				Analysis Requested  400-159951 COC				Job #:							
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:				Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 21-60C - Total Dissolved Solids, 300_ORGFH_23D-Fluoride, Chloride & Sulfate 6020 - Boron & Calcium State 6020 - As, Ba, Bi, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Tl, V, Zn & 7970 - Hg				Preservation Codes:					
City: Atlanta		TAT Requested (days):						Total Number of containers				A - HCl M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)			
State, Zip: GA, 30308														Other:	
Phone:		PO #: SCS10347656													
Email: JAbraham@southernco.com		WO #:													
Project Name: CCR - Plant Scherer		Project #: 40008128													
Site:		SSOW#:													
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	MATRIX (W=water, B=soil, G=gas/volat, P=Plastic, A=Air)	Field Filtered Sample (Yes or No)				Special Instructions/Note:					
						Preservation Code:									
						N	D	D							
GWC-1		10/2/18	1125	G	Water	N	x	x	x						
GWC-2		10/2/18	1410	G	Water	N	x	x	x						
GWC-9		10/2/18	1530	G	Water	N	x	x	x						
GWC-10		10/2/18	1410	G	Water	N	x	x	x						
GWC-11		10/2/18	1135	G	Water	N	x	x	x						
GWC-12		10/2/18	0930	G	Water	N	x	x	x						
GWC-14		10/2/18	1520	G	Water	N	x	x	x						
EB-1(LF)		10/2/18	1615	G	Water	N	x	x	x						
GWA-16		10/2/18	0935	G	Water	N	x	x	x						
FD-1		10/2/18	--	G	Water	N	x	x	x						
GWA-16		10/2/18	0930	G	Water	N	x	x	x						
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological						<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months									
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:									
Empty Kit Relinquished by:			Date:	Time:	Method of Shipment:										
Relinquished by: <i>[Signature]</i>			Date/Time: 10/3/18 08:00	Company: Golden	Received by: <i>[Signature]</i>			Date/Time: 10/3/18 08:00	Company: Courier 1600						
Relinquished by: <i>[Signature]</i>			Date/Time: 10/3/18	Company: TW	Received by: <i>[Signature]</i>			Date/Time: 10/5/18 0846	Company: TR-PEN						
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: 634000 634001		Cooler Temperature(s) °C and Other Remarks: 3.0°C, 10.0°C, 2.1°C, 0.5°C, IR-7											

10/29/2018

Chain of Custody Record



Client Information		Sampler: Ben Hodges		Lab PM: Whitmire, Cheyenne R		Carrier Tracking No(s):		CDC No: 400-87346-27427.1					
Client Contact: Joju Abraham		Phone: 912-258-7457		E-Mail: cheyenne.whitmire@testamericainc.com				Page: Page 1 of 2					
Company: Southern Company								Job #:					
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:											
City: Atlanta		TAT Requested (days):											
State, Zip: GA, 30308													
Phone:		PO #: SCS10347658											
Email: JAbraham@southernco.com		WO #:											
Project Name: CCR - Plant Scherer		Project #: 40008128											
Site:		SSOW#:											
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	MATRIX (W=water, S=solid, G=gaseous, ST=Sludge, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1540C - Total Dissolved Solids, 300_OROFM, 210-Fluoride, Chloride & Sulfate	6020 - Barium & Calcium	State 9020 - As, Ba, Bi, Cd, Cr, Cu, Pb, Ni, Sb, Se, Ag, Tl, V, Zn & 7470 - Hg	Total Number of Containers	Preservation Codes:	Special Instructions/Note:
												A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDTA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
FB-1(LF)		10/2/18	0940	G	Water	N	X	X		X			
GWA-17		10/2/18	1040	G	Water	N	X	X		X			
GWC-18		10/2/18	1210	G	Water	N	X	X		X			
GWC-19		10/2/18	1330	G	Water	N	X	X		X			

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10/29/2018

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:

Date:

Time:

Method of Shipment:

Relinquished by: *[Signature]*
 Date/Time: 10/3/18 0900
 Company: *Gold*
 Date/Time: 10/3/18 10:00
 Company: *TA*

Received by: *Claine CODIC*
 Date/Time: 10/3/18 08:00
 Company: *Courier New*
 Received by: *[Signature]*
 Date/Time: 10/5/18 0846
 Company: *TA-PEN*

Cooler Temperature(s) °C and Other Remarks:



Chain of Custody Record



Client Information		Sampler: Ben Hodges		Lab PM: Whitmire, Cheyenne R		Carrier Tracking No(s):		COC No: 400-67346-27427.1	
Client Contact: Joju Abraham		Phone: 912-258-7457		E-Mail: cheyenne.whitmire@testamericainc.com				Page: Page 1 of 1	
Company: Southern Company								Job #:	
Address: 241 Ralph McGill Blvd SE B10185		Due Date Requested:		Analysis Requested		Total Number of containers		Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)	
City: Atlanta		TAT Requested (days):							
State, Zip: GA, 30308		PO #: SCS10347656							
Phone:		WO #:							
Email: JAbraham@southernco.com		Project #: 40008128		Field Filtered Sample (Yes or No) Perform MSMS&D (Yes or No) 2540C - Total Dissolved Solids, 300_ORGFIL_280-Fluoride, Chloride & Sulfate 6020 - Boron & Calcium State 6020 - As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Sb, Se, Ag, Ti, V, Zn & 7470 - Hg		Matrix (W=water, S=solid, D=dissolved, BT=Trace, A=Air)		Special Instructions/Note:	
Project Name: CCR - Plant Scherer		SSOWN#:							
Site:									
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix	N	D			
Preservation Code:					X				
GWC-3	10/3/18	0905	G	Water	N	X	X		X
GWC-4	10/3/18	1035	G	Water	N	X	X		X
GWC-5	10/3/18	0915	G	Water	N	X	X		X
FD-2(LF)	10/3/18	--	G	Water	N	X	X		X
GWC-6	10/3/18	1010	G	Water	N	X	X		X
GWC-13	10/3/18	1235	G	Water	N	X	X		X
EB-2(LF)	10/3/18	1325	G	Water	N	X	X		X
GWC-20	10/3/18	0930	G	Water	N	X	X		X
FB-2(LF)	10/3/18	1020	G	Water	N	X	X		X
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological					<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months				
Deliverable Requested: I, II, III, IV, Other (specify)					Special Instructions/QC Requirements:				
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:			
Relinquished by: <i>[Signature]</i>		Date/Time: 10/4/18 07:30		Company: Golden		Received by: Rayne COOK		Date/Time: 10/4/18 07:30	
Relinquished by: <i>[Signature]</i>		Date/Time: 10/4/18 09:30		Company: TIA		Received by: <i>[Signature]</i>		Date/Time: 10/4/18 09:40	
Relinquished by: <i>[Signature]</i>		Date/Time: 10/5/18 08:46		Company: TIA-PEN		Received by: <i>[Signature]</i>		Date/Time: 10/5/18 08:46	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:					

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10/29/2018


Chain of Custody Record

Client Information Client Contact: Joju Abraham Company: Southern Company		Sampler: Ben Hodges	Lab PM: Whitmire, Cheyenne R		Carrier Tracking No(s):	COC No: 400-67346-27427.1		
		Phone: 912-258-7457	E-Mail: cheyenne.whitmire@testamericainc.com				Page: Page 1 of 1	
Address: 241 Ralph McGill Blvd SE B10185 City: Atlanta State, Zip: GA, 30308 Phone: Email: JAbraham@southernco.com Project Name: CCR - Plant Scherer Site: Cell 1		Due Date Requested:	Analysis Requested			Job #:		
		TAT Requested (days):	Field Filtered Sample (Yes or No)			Preservation Codes:		
		PO #: SCS10347856	Perform MS/MSD (Yes or No) 2540C - Total Dissolved Solids, 300_ORG/MIL_28D-Fluoride, Chloride & Sulfate 6020 - Boron & Calcium 6020 - As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Tl, V, Zn & 7670 - Hg			400-159951 COC	A - HCL	M - Hexane
		WO #:					Total Number of Containers	B - NaOH
		Project #: 40008128	SSOW#:					D - Nitric Acid
						E - NaHSO4	Q - Na2SO3	
						F - MeOH	R - Na2S2O3	
						G - Amchlor	S - H2SO4	
						H - Ascorbic Acid	T - TSP Dodecahydrate	
						I - Ice	U - Acetone	
						J - DI Water	V - MCAA	
						K - EDTA	W - pH 4-6	
						L - EDA	Z - other (specify)	
						Other:		
						Special Instructions/Note:		
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Solid, Other (Air, etc.))	Field Filtered Sample (Yes or No)	Preservation Code:	Special Instructions/Note:	
GWC-7	10/4/18	0930	G	Water	N	N		
GWC-8A	10/4/18	1410	G	Water	N	D		
Possible Hazard Identification	<input type="checkbox"/> Non-Hazard	<input type="checkbox"/> ammable	<input type="checkbox"/> tant	<input type="checkbox"/> Poison B	<input type="checkbox"/> rown	<input type="checkbox"/> radiological		
Deliverable Requested: I, II, III, IV, Other (specify)								
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:					
Relinquished by:	Date/Time: 10-5-18/ 15:44	Company: GIZT	Received by:	Date/Time: 10/5/18	Date/Time: 15:44	Company: TA		
Relinquished by:	Date/Time: 10/5/18	Company: TA	Received by:	Date/Time: 16:00	Date/Time:	Company:		
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Date/Time: 10-6-18 0831	Company: TA-PEN		
Custody Seals Intact: △ Yes △ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:					

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07/29/2018

Chain of Custody Record

Client Information				Sampler: Ben Hodges		Lab FM: Whitmire, Cheyenne R		Carrier Tracking No(s):		COC No: 400-67348-27427.1							
Client Contact: Joju Abraham				Phone: 912-258-7457		E-Mail: cheyenne.whitmire@testamericainc.com				Page: Page 1 of 1							
Company: Southern Company				<p align="center">Analysis Requested</p>  <p align="center">400-159951 COC</p>								Job #:					
Address: 241 Ralph McGill Blvd SE B10185												Due Date Requested:					
City: Atlanta												TAT Requested (days):					
State, Zip: GA, 30308																	
Phone:												PO #: SCS10347656					
Email: JAbraham@southernco.com				WO #:						Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice J - Di Water U - Acetone K - EDTA V - MCAA L - EDA W - pH 4-5 Z - other (specify)							
Project Name: CCR - Plant Scherer				Project #: 40008128													
Site: Cell 1				SSOW#:													
Sample Identification			Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, G=soil, Q=water/soil, DT=DISSOL, A=air)	Fluid Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	264C - Total Dissolved Solids	Total Number of containers	Special Instructions/Note:						
Preservation Code:																	
GWC-8A			10/17/18	1115	G	Water	N	x		1							
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)											
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months											
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:											
Empty Kit Relinquished by:			Date:	Time:	Method of Shipment:												
Relinquished by: <i>[Signature]</i>			Date/Time: 10/18/18 0750	Company: <i>TA</i>	Received by: <i>Flaine Cook</i>		Date/Time: 10/18/18 0750	Company: <i>TA</i>									
Relinquished by: <i>[Signature]</i>			Date/Time: 09:40	Company: <i>TA</i>	Received by: <i>[Signature]</i>		Date/Time: 10/19/18	Company: <i>TA</i>									
Relinquished by: <i>[Signature]</i>			Date/Time:	Company:	Received by: <i>[Signature]</i>		Date/Time: 10/19/18 09:00	Company: <i>TA</i>									
Custody Seals Intact:			Custody Seal No.:			Cooler Temperature(s) °C and Other Remarks: <i>2.6°C TR 7</i>											
Δ Yes Δ No																	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 400-159951-1

SDG Number: Cell 1

Login Number: 159951

List Number: 1

Creator: Whitmire, Cheyenne R

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	634000 634001
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.0°C 0.0°C 2.1°C 0.5°C IR-7, 2.6°C IR-7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-1
SDG: Cell 1

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-19
ANAB	ISO/IEC 17025		L2471	02-22-20
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-19
California	State Program	9	2510	06-30-19
Florida	NELAP	4	E81010	06-30-19
Georgia	State Program	4	E81010 (FL)	06-30-19
Illinois	NELAP	5	200041	10-09-19
Iowa	State Program	7	367	08-01-20
Kansas	NELAP	7	E-10253	10-31-18
Kentucky (UST)	State Program	4	53	06-30-19
Kentucky (WW)	State Program	4	98030	12-31-18
Louisiana	NELAP	6	30976	06-30-19
Louisiana (DW)	NELAP	6	LA170005	12-31-18
Maryland	State Program	3	233	09-30-19
Massachusetts	State Program	1	M-FL094	06-30-19
Michigan	State Program	5	9912	06-30-19
New Jersey	NELAP	2	FL006	06-30-19
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-19
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-19
Tennessee	State Program	4	TN02907	06-30-19
Texas	NELAP	6	T104704286-18-16	09-30-19
US Fish & Wildlife	Federal		LE058448-0	07-31-19
USDA	Federal		P330-18-00148	05-17-21
Virginia	NELAP	3	460166	06-14-19
Washington	State Program	10	C915	05-15-19
West Virginia DEP	State Program	3	136	06-30-19

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pensacola

3355 McLemore Drive

Pensacola, FL 32514

Tel: (850)474-1001

TestAmerica Job ID: 400-159951-2

TestAmerica Sample Delivery Group: PAC Ash

Client Project/Site: CCR - Plant Scherer

For:

Southern Company

241 Ralph McGill Blvd SE

B10185

Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:

10/30/2018 2:31:41 PM

Cheyenne Whitmire, Project Manager II

(850)471-6222

cheyenne.whitmire@testamericainc.com

LINKS

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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Job ID: 400-159951-2

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative 400-159951-2

Metals

Method(s) 7470A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 414650 and analytical batch 415199 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 7470A: The method blank for preparation batch 414998 and analytical batch 415199 contained Mercury above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-analysis of samples was not performed.

Method(s) 7470A: The method blank for preparation batch 414650 and analytical batch 415199 contained Mercury above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-analysis of samples was not performed.

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Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Client Sample ID: GWA-21

Lab Sample ID: 400-159951-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.0		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	1.9		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.022		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0014	J	0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	7.8		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0014	J	0.0025	0.00040	mg/L	5		6020	Total Recoverable
Vanadium	0.0023	J	0.0025	0.0014	mg/L	5		6020	Total Recoverable
Mercury	0.000088	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	72		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWA-49

Lab Sample ID: 400-159951-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.0		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.018		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0052		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	14		0.25	0.13	mg/L	5		6020	Total Recoverable
Vanadium	0.018		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Mercury	0.000080	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	96		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWA-48

Lab Sample ID: 400-159951-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	1.2		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.012		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0051		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	12		0.25	0.13	mg/L	5		6020	Total Recoverable
Vanadium	0.017		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Mercury	0.000083	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	88		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWA-22

Lab Sample ID: 400-159951-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.9		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.022		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0086		0.0025	0.0011	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Client Sample ID: GWA-22 (Continued)

Lab Sample ID: 400-159951-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	6.1		0.25	0.13	mg/L	5		6020	Total
Vanadium	0.0022	J	0.0025	0.0014	mg/L	5		6020	Total Recoverable
Mercury	0.000085	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	42		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWA-45

Lab Sample ID: 400-159951-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	10		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate - DL	140		10	7.0	mg/L	10		300.0	Total/NA
Barium	0.042		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Boron	0.89		0.050	0.021	mg/L	5		6020	Total Recoverable
Calcium	41		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.0018	J	0.0025	0.00040	mg/L	5		6020	Total Recoverable
Mercury	0.000083	J B	0.00020	0.000070	mg/L	1		7470A	Total/NA
Total Dissolved Solids	190		5.0	3.4	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL PEN
6020	Metals (ICP/MS)	SW846	TAL PEN
7470A	Mercury (CVAA)	SW846	TAL PEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PEN
7470A	Preparation, Mercury	SW846	TAL PEN

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-159951-25	GWA-21	Water	10/03/18 14:10	10/05/18 08:46
400-159951-26	GWA-49	Water	10/03/18 14:10	10/05/18 08:46
400-159951-27	GWA-48	Water	10/03/18 13:00	10/05/18 08:46
400-159951-28	GWA-22	Water	10/03/18 13:05	10/05/18 08:46
400-159951-29	GWA-45	Water	10/03/18 10:25	10/05/18 08:46

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Client Sample ID: GWA-21
Date Collected: 10/03/18 14:10
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-25
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.0		1.0	0.89	mg/L			10/12/18 23:51	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/12/18 23:51	1
Sulfate	1.9		1.0	0.70	mg/L			10/12/18 23:51	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/13/18 23:38	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/13/18 23:38	5
Barium	0.022		0.0025	0.00049	mg/L		10/13/18 09:59	10/13/18 23:38	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:38	5
Boron	<0.021		0.050	0.021	mg/L		10/13/18 09:59	10/13/18 23:38	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 23:38	5
Chromium	0.0014	J	0.0025	0.0011	mg/L		10/13/18 09:59	10/13/18 23:38	5
Calcium	7.8		0.25	0.13	mg/L		10/13/18 09:59	10/13/18 23:38	5
Cobalt	0.0014	J	0.0025	0.00040	mg/L		10/13/18 09:59	10/13/18 23:38	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/13/18 23:38	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/13/18 23:38	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/13/18 23:38	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/13/18 23:38	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/13/18 23:38	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/13/18 23:38	5
Vanadium	0.0023	J	0.0025	0.0014	mg/L		10/13/18 09:59	10/13/18 23:38	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/13/18 23:38	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000088	J B	0.00020	0.000070	mg/L		10/11/18 12:18	10/12/18 12:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	72		5.0	3.4	mg/L			10/09/18 12:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Client Sample ID: GWA-49
Date Collected: 10/03/18 14:10
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-26
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		1.0	0.89	mg/L			10/13/18 00:14	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 00:14	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 00:14	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/14/18 00:05	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/14/18 00:05	5
Barium	0.018		0.0025	0.00049	mg/L		10/13/18 09:59	10/14/18 00:05	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:05	5
Boron	<0.021		0.050	0.021	mg/L		10/13/18 09:59	10/14/18 00:05	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:05	5
Chromium	0.0052		0.0025	0.0011	mg/L		10/13/18 09:59	10/14/18 00:05	5
Calcium	14		0.25	0.13	mg/L		10/13/18 09:59	10/14/18 00:05	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/14/18 00:05	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/14/18 00:05	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/14/18 00:05	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/14/18 00:05	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/14/18 00:05	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/14/18 00:05	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/14/18 00:05	5
Vanadium	0.018		0.0025	0.0014	mg/L		10/13/18 09:59	10/14/18 00:05	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/14/18 00:05	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000080	J B	0.00020	0.000070	mg/L		10/11/18 12:18	10/12/18 12:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	96		5.0	3.4	mg/L			10/09/18 12:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Client Sample ID: GWA-48
Date Collected: 10/03/18 13:00
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-27
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.89	mg/L			10/13/18 03:17	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 03:17	1
Sulfate	1.2		1.0	0.70	mg/L			10/13/18 03:17	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/14/18 00:10	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/14/18 00:10	5
Barium	0.012		0.0025	0.00049	mg/L		10/13/18 09:59	10/14/18 00:10	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:10	5
Boron	<0.021		0.050	0.021	mg/L		10/13/18 09:59	10/14/18 00:10	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:10	5
Chromium	0.0051		0.0025	0.0011	mg/L		10/13/18 09:59	10/14/18 00:10	5
Calcium	12		0.25	0.13	mg/L		10/13/18 09:59	10/14/18 00:10	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/14/18 00:10	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/14/18 00:10	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/14/18 00:10	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/14/18 00:10	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/14/18 00:10	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/14/18 00:10	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/14/18 00:10	5
Vanadium	0.017		0.0025	0.0014	mg/L		10/13/18 09:59	10/14/18 00:10	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/14/18 00:10	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000083	J B	0.00020	0.000070	mg/L		10/11/18 12:18	10/12/18 12:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	88		5.0	3.4	mg/L			10/09/18 12:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Client Sample ID: GWA-22
Date Collected: 10/03/18 13:05
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-28
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.9		1.0	0.89	mg/L			10/13/18 08:51	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 08:51	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 08:51	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/14/18 00:14	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/14/18 00:14	5
Barium	0.022		0.0025	0.00049	mg/L		10/13/18 09:59	10/14/18 00:14	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:14	5
Boron	<0.021		0.050	0.021	mg/L		10/13/18 09:59	10/14/18 00:14	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:14	5
Chromium	0.0086		0.0025	0.0011	mg/L		10/13/18 09:59	10/14/18 00:14	5
Calcium	6.1		0.25	0.13	mg/L		10/13/18 09:59	10/14/18 00:14	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/14/18 00:14	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/14/18 00:14	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/14/18 00:14	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/14/18 00:14	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/14/18 00:14	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/14/18 00:14	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/14/18 00:14	5
Vanadium	0.0022	J	0.0025	0.0014	mg/L		10/13/18 09:59	10/14/18 00:14	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/14/18 00:14	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000085	J B	0.00020	0.000070	mg/L		10/11/18 12:18	10/12/18 12:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	42		5.0	3.4	mg/L			10/09/18 12:50	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Client Sample ID: GWA-45
Date Collected: 10/03/18 10:25
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-29
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10		1.0	0.89	mg/L			10/13/18 16:05	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 16:05	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	140		10	7.0	mg/L			10/15/18 06:55	10

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/14/18 00:18	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/14/18 00:18	5
Barium	0.042		0.0025	0.00049	mg/L		10/13/18 09:59	10/14/18 00:18	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:18	5
Boron	0.89		0.050	0.021	mg/L		10/13/18 09:59	10/14/18 00:18	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/14/18 00:18	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/13/18 09:59	10/14/18 00:18	5
Calcium	41		0.25	0.13	mg/L		10/13/18 09:59	10/14/18 00:18	5
Cobalt	0.0018	J	0.0025	0.00040	mg/L		10/13/18 09:59	10/14/18 00:18	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/14/18 00:18	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/14/18 00:18	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/14/18 00:18	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/14/18 00:18	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/14/18 00:18	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/14/18 00:18	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/13/18 09:59	10/14/18 00:18	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/14/18 00:18	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000083	J B	0.00020	0.000070	mg/L		10/11/18 12:18	10/12/18 12:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	190		5.0	3.4	mg/L			10/09/18 15:51	1

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD Recovery is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Client Sample ID: GWA-21

Date Collected: 10/03/18 14:10

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/12/18 23:51	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/13/18 23:38	DRE	TAL PEN
Total/NA	Prep	7470A			414650	10/11/18 12:18	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 12:41	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414715	10/09/18 12:50	DEK	TAL PEN

Client Sample ID: GWA-49

Date Collected: 10/03/18 14:10

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415154	10/13/18 00:14	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/14/18 00:05	DRE	TAL PEN
Total/NA	Prep	7470A			414650	10/11/18 12:18	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 12:43	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414715	10/09/18 12:50	DEK	TAL PEN

Client Sample ID: GWA-48

Date Collected: 10/03/18 13:00

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-27

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 03:17	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/14/18 00:10	DRE	TAL PEN
Total/NA	Prep	7470A			414650	10/11/18 12:18	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 12:44	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414715	10/09/18 12:50	DEK	TAL PEN

Client Sample ID: GWA-22

Date Collected: 10/03/18 13:05

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-28

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 08:51	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/14/18 00:14	DRE	TAL PEN
Total/NA	Prep	7470A			414650	10/11/18 12:18	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 12:46	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414715	10/09/18 12:50	DEK	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Client Sample ID: GWA-45

Date Collected: 10/03/18 10:25

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-29

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415375	10/13/18 16:05	BAW	TAL PEN
Total/NA	Analysis	300.0	DL	10	415449	10/15/18 06:55	BAW	TAL PEN
Total Recoverable	Prep	3005A			415279	10/13/18 09:59	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415414	10/14/18 00:18	DRE	TAL PEN
Total/NA	Prep	7470A			414650	10/11/18 12:18	JAP	TAL PEN
Total/NA	Analysis	7470A		1	415199	10/12/18 12:48	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414754	10/09/18 15:51	DEK	TAL PEN

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

HPLC/IC

Analysis Batch: 415154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-25	GWA-21	Total/NA	Water	300.0	
400-159951-26	GWA-49	Total/NA	Water	300.0	

Analysis Batch: 415319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-27	GWA-48	Total/NA	Water	300.0	
400-159951-28	GWA-22	Total/NA	Water	300.0	
MB 400-415319/4	Method Blank	Total/NA	Water	300.0	
LCS 400-415319/5	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-415319/6	Lab Control Sample Dup	Total/NA	Water	300.0	
400-159951-27 MS	GWA-48	Total/NA	Water	300.0	
400-159951-27 MSD	GWA-48	Total/NA	Water	300.0	

Analysis Batch: 415375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-29	GWA-45	Total/NA	Water	300.0	
MB 400-415375/36	Method Blank	Total/NA	Water	300.0	
LCS 400-415375/37	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-415375/38	Lab Control Sample Dup	Total/NA	Water	300.0	
400-159951-29 MS	GWA-45	Total/NA	Water	300.0	
400-159951-29 MSD	GWA-45	Total/NA	Water	300.0	

Analysis Batch: 415449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-29 - DL	GWA-45	Total/NA	Water	300.0	
MB 400-415449/4	Method Blank	Total/NA	Water	300.0	
LCS 400-415449/5	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-415449/6	Lab Control Sample Dup	Total/NA	Water	300.0	
400-160196-A-1 MS	Matrix Spike	Total/NA	Water	300.0	
400-160196-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 414650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-25	GWA-21	Total/NA	Water	7470A	
400-159951-26	GWA-49	Total/NA	Water	7470A	
400-159951-27	GWA-48	Total/NA	Water	7470A	
400-159951-28	GWA-22	Total/NA	Water	7470A	
400-159951-29	GWA-45	Total/NA	Water	7470A	
MB 400-414650/13-A	Method Blank	Total/NA	Water	7470A	
LCS 400-414650/14-A	Lab Control Sample	Total/NA	Water	7470A	
400-160237-F-1-B MS	Matrix Spike	Total/NA	Water	7470A	
400-160237-F-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 415199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-25	GWA-21	Total/NA	Water	7470A	414650
400-159951-26	GWA-49	Total/NA	Water	7470A	414650
400-159951-27	GWA-48	Total/NA	Water	7470A	414650

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Metals (Continued)

Analysis Batch: 415199 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-28	GWA-22	Total/NA	Water	7470A	414650
400-159951-29	GWA-45	Total/NA	Water	7470A	414650
MB 400-414650/13-A	Method Blank	Total/NA	Water	7470A	414650
LCS 400-414650/14-A	Lab Control Sample	Total/NA	Water	7470A	414650
400-160237-F-1-B MS	Matrix Spike	Total/NA	Water	7470A	414650
400-160237-F-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	414650

Prep Batch: 415279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-25	GWA-21	Total Recoverable	Water	3005A	
400-159951-26	GWA-49	Total Recoverable	Water	3005A	
400-159951-27	GWA-48	Total Recoverable	Water	3005A	
400-159951-28	GWA-22	Total Recoverable	Water	3005A	
400-159951-29	GWA-45	Total Recoverable	Water	3005A	
MB 400-415279/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-415279/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-159951-B-19-D MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-159951-B-19-E MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 415414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-25	GWA-21	Total Recoverable	Water	6020	415279
400-159951-26	GWA-49	Total Recoverable	Water	6020	415279
400-159951-27	GWA-48	Total Recoverable	Water	6020	415279
400-159951-28	GWA-22	Total Recoverable	Water	6020	415279
400-159951-29	GWA-45	Total Recoverable	Water	6020	415279
MB 400-415279/1-A ^5	Method Blank	Total Recoverable	Water	6020	415279
LCS 400-415279/2-A	Lab Control Sample	Total Recoverable	Water	6020	415279
400-159951-B-19-D MS ^5	Matrix Spike	Total Recoverable	Water	6020	415279
400-159951-B-19-E MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	415279

General Chemistry

Analysis Batch: 414715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-25	GWA-21	Total/NA	Water	SM 2540C	
400-159951-26	GWA-49	Total/NA	Water	SM 2540C	
400-159951-27	GWA-48	Total/NA	Water	SM 2540C	
400-159951-28	GWA-22	Total/NA	Water	SM 2540C	

Analysis Batch: 414754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-29	GWA-45	Total/NA	Water	SM 2540C	

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-415319/4
Matrix: Water
Analysis Batch: 415319

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/13/18 02:08	1
Fluoride	<0.082		0.20	0.082	mg/L			10/13/18 02:08	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 02:08	1

Lab Sample ID: LCS 400-415319/5
Matrix: Water
Analysis Batch: 415319

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	10.0		mg/L		100	90 - 110
Fluoride	10.0	10.7		mg/L		107	90 - 110
Sulfate	10.0	10.5		mg/L		105	90 - 110

Lab Sample ID: LCSD 400-415319/6
Matrix: Water
Analysis Batch: 415319

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	10.0		mg/L		100	90 - 110	0	15
Fluoride	10.0	11.1	*	mg/L		111	90 - 110	3	15
Sulfate	10.0	10.4		mg/L		104	90 - 110	1	15

Lab Sample ID: 400-159951-27 MS
Matrix: Water
Analysis Batch: 415319

Client Sample ID: GWA-48
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1.6		10.0	11.7		mg/L		100	80 - 120
Fluoride	<0.082	*	10.0	10.4		mg/L		104	80 - 120
Sulfate	1.2		10.0	12.0		mg/L		107	80 - 120

Lab Sample ID: 400-159951-27 MSD
Matrix: Water
Analysis Batch: 415319

Client Sample ID: GWA-48
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1.6		10.0	11.9		mg/L		102	80 - 120	1	20
Fluoride	<0.082	*	10.0	10.8		mg/L		108	80 - 120	3	20
Sulfate	1.2		10.0	12.0		mg/L		108	80 - 120	1	20

Lab Sample ID: MB 400-415375/36
Matrix: Water
Analysis Batch: 415375

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/13/18 14:56	1
Fluoride	<0.082		0.20	0.082	mg/L			10/13/18 14:56	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 14:56	1

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 400-415375/37
Matrix: Water
Analysis Batch: 415375

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	10.1		mg/L		101	90 - 110
Fluoride	10.0	10.8		mg/L		108	90 - 110
Sulfate	10.0	10.6		mg/L		106	90 - 110

Lab Sample ID: LCSD 400-415375/38
Matrix: Water
Analysis Batch: 415375

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	10.1		mg/L		101	90 - 110	0	15
Fluoride	10.0	11.2	*	mg/L		112	90 - 110	3	15
Sulfate	10.0	10.5		mg/L		105	90 - 110	1	15

Lab Sample ID: 400-159951-29 MS
Matrix: Water
Analysis Batch: 415375

Client Sample ID: GWA-45
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10		10.0	20.3		mg/L		99	80 - 120
Fluoride	<0.082	*	10.0	10.9		mg/L		109	80 - 120

Lab Sample ID: 400-159951-29 MSD
Matrix: Water
Analysis Batch: 415375

Client Sample ID: GWA-45
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10		10.0	20.4		mg/L		101	80 - 120	1	20
Fluoride	<0.082	*	10.0	11.2		mg/L		112	80 - 120	3	20

Lab Sample ID: MB 400-415449/4
Matrix: Water
Analysis Batch: 415449

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/15/18 03:52	1
Fluoride	<0.082		0.20	0.082	mg/L			10/15/18 03:52	1
Sulfate	<0.70		1.0	0.70	mg/L			10/15/18 03:52	1

Lab Sample ID: LCS 400-415449/5
Matrix: Water
Analysis Batch: 415449

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.69		mg/L		97	90 - 110
Fluoride	10.0	11.1	*	mg/L		111	90 - 110
Sulfate	10.0	9.82		mg/L		98	90 - 110

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 400-415449/6
Matrix: Water
Analysis Batch: 415449

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.74		mg/L		97	90 - 110	1	15
Fluoride	10.0	11.3	*	mg/L		113	90 - 110	1	15
Sulfate	10.0	10.0		mg/L		100	90 - 110	2	15

Lab Sample ID: 400-160196-A-1 MS
Matrix: Water
Analysis Batch: 415449

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	18		10.0	27.8		mg/L		95	80 - 120		
Fluoride	0.38	*	10.0	11.1		mg/L		107	80 - 120		
Sulfate	5.0		10.0	15.7		mg/L		107	80 - 120		

Lab Sample ID: 400-160196-A-1 MSD
Matrix: Water
Analysis Batch: 415449

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	18		10.0	27.8		mg/L		95	80 - 120	0	20
Fluoride	0.38	*	10.0	11.1		mg/L		108	80 - 120	0	20
Sulfate	5.0		10.0	15.6		mg/L		106	80 - 120	1	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-415279/1-A ^5
Matrix: Water
Analysis Batch: 415414

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 415279

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/13/18 09:59	10/13/18 22:17	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/13/18 09:59	10/13/18 22:17	5
Barium	<0.00049		0.0025	0.00049	mg/L		10/13/18 09:59	10/13/18 22:17	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 22:17	5
Boron	<0.021		0.050	0.021	mg/L		10/13/18 09:59	10/13/18 22:17	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/13/18 09:59	10/13/18 22:17	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/13/18 09:59	10/13/18 22:17	5
Calcium	<0.13		0.25	0.13	mg/L		10/13/18 09:59	10/13/18 22:17	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/13/18 09:59	10/13/18 22:17	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/13/18 09:59	10/13/18 22:17	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/13/18 09:59	10/13/18 22:17	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/13/18 09:59	10/13/18 22:17	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/13/18 09:59	10/13/18 22:17	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/13/18 09:59	10/13/18 22:17	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/13/18 09:59	10/13/18 22:17	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/13/18 09:59	10/13/18 22:17	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/13/18 09:59	10/13/18 22:17	5

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 400-415279/2-A
Matrix: Water
Analysis Batch: 415414

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 415279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	0.0500	0.0471		mg/L		94	80 - 120
Arsenic	0.0500	0.0471		mg/L		94	80 - 120
Barium	0.0500	0.0466		mg/L		93	80 - 120
Beryllium	0.0500	0.0474		mg/L		95	80 - 120
Boron	0.100	0.0975		mg/L		97	80 - 120
Cadmium	0.0500	0.0471		mg/L		94	80 - 120
Chromium	0.0500	0.0467		mg/L		93	80 - 120
Calcium	5.00	4.78		mg/L		96	80 - 120
Cobalt	0.0500	0.0494		mg/L		99	80 - 120
Copper	0.0500	0.0497		mg/L		99	80 - 120
Lead	0.0500	0.0464		mg/L		93	80 - 120
Nickel	0.0500	0.0492		mg/L		98	80 - 120
Selenium	0.0500	0.0454		mg/L		91	80 - 120
Silver	0.0500	0.0454		mg/L		91	80 - 120
Thallium	0.0100	0.00896		mg/L		90	80 - 120
Vanadium	0.0500	0.0495		mg/L		99	80 - 120
Zinc	0.0500	0.0489		mg/L		98	80 - 120

Lab Sample ID: 400-159951-B-19-D MS ^5
Matrix: Water
Analysis Batch: 415414

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 415279

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Antimony	-0.000805		0.0500	0.0548		mg/L		110	75 - 125
Arsenic	-0.0000450		0.0500	0.0540		mg/L		108	75 - 125
Barium	0.0353		0.0500	0.0893		mg/L		108	75 - 125
Beryllium	0.000		0.0500	0.0496		mg/L		99	75 - 125
Boron	0.468		0.100	0.573	4	mg/L		105	75 - 125
Cadmium	0.0000850		0.0500	0.0522		mg/L		104	75 - 125
Chromium	0.00291		0.0500	0.0571		mg/L		108	75 - 125
Calcium	87.7		5.00	100	4	mg/L		251	75 - 125
Cobalt	0.0000400		0.0500	0.0542		mg/L		108	75 - 125
Copper	-0.000315		0.0500	0.0544		mg/L		109	75 - 125
Lead	0.000160		0.0500	0.0480		mg/L		96	75 - 125
Nickel	0.00136		0.0500	0.0548		mg/L		110	75 - 125
Selenium	0.0216		0.0500	0.0708		mg/L		98	75 - 125
Silver	-0.0000350		0.0500	0.0503		mg/L		101	75 - 125
Thallium	-0.0000150		0.0100	0.00934		mg/L		93	75 - 125
Vanadium	0.00160		0.0500	0.0566		mg/L		110	75 - 125
Zinc	0.00589		0.0500	0.0594		mg/L		119	75 - 125

Lab Sample ID: 400-159951-B-19-E MSD ^5
Matrix: Water
Analysis Batch: 415414

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 415279

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Antimony	-0.000805		0.0500	0.0488		mg/L		98	75 - 125	12	20
Arsenic	-0.0000450		0.0500	0.0473		mg/L		95	75 - 125	13	20

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
SDG: PAC Ash

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-159951-B-19-E MSD ^5
Matrix: Water
Analysis Batch: 415414

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 415279

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Barium	0.0353		0.0500	0.0828		mg/L		95	75 - 125	8	20
Beryllium	0.000		0.0500	0.0490		mg/L		98	75 - 125	1	20
Boron	0.468		0.100	0.559	4	mg/L		91	75 - 125	2	20
Cadmium	0.0000850		0.0500	0.0457		mg/L		91	75 - 125	13	20
Chromium	0.00291		0.0500	0.0525		mg/L		99	75 - 125	8	20
Calcium	87.7		5.00	90.9	4	mg/L		63	75 - 125	10	20
Cobalt	0.0000400		0.0500	0.0490		mg/L		98	75 - 125	10	20
Copper	-0.000315		0.0500	0.0491		mg/L		98	75 - 125	10	20
Lead	0.000160		0.0500	0.0475		mg/L		95	75 - 125	1	20
Nickel	0.00136		0.0500	0.0495		mg/L		99	75 - 125	10	20
Selenium	0.0216		0.0500	0.0689		mg/L		95	75 - 125	3	20
Silver	-0.0000350		0.0500	0.0454		mg/L		91	75 - 125	10	20
Thallium	-0.0000150		0.0100	0.00922		mg/L		92	75 - 125	1	20
Vanadium	0.00160		0.0500	0.0509		mg/L		99	75 - 125	11	20
Zinc	0.00589		0.0500	0.0551		mg/L		110	75 - 125	7	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-414650/13-A
Matrix: Water
Analysis Batch: 415199

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 414650

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.0000784	J	0.00020	0.000070	mg/L		10/09/18 09:52	10/12/18 10:56	1

Lab Sample ID: LCS 400-414650/14-A
Matrix: Water
Analysis Batch: 415199

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 414650

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
Mercury	0.00101	0.00109		mg/L		109	80 - 120

Lab Sample ID: 400-160237-F-1-B MS
Matrix: Water
Analysis Batch: 415199

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 414650

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier				Limits	
Mercury	0.000090	J F1 B	0.00201	0.000967	F1	mg/L		44	80 - 120	

Lab Sample ID: 400-160237-F-1-C MSD
Matrix: Water
Analysis Batch: 415199

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 414650

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Mercury	0.000090	J F1 B	0.00201	0.000905	F1	mg/L		40	80 - 120	7	20

TestAmerica Pensacola

Chain of Custody Record



Client Information Client Contact: Ben Hodges Phone: 912-258-7457 E-Mail: whitmore@testamencainc.com		Lab PM: Whitmore, Cheyenne R Carrier Tracking No(s): 400-67348-27427.1																																																															
Company: Southern Company Address: 241 Ralph McGill Blvd SE B10185 City: Allanta State, Zip: GA, 30308 Phone: SCS10347656 Email: JAbraham@southernco.com Project #: 40008128 CCR - Plant Scherer Site:		Analysis Requested Due Date Requested: TAT Requested (days): PO #: SCS10347656 WO #: Project #: 40008128 SSOW#:																																																															
Sample Identification <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Sample ID</th> <th>Sample Date</th> <th>Sample Time</th> <th>Sample Type (C-comp, G-grab)</th> <th>MATRIX (W-water, S-solids, O-ore/slag, BT-tissue, A-As)</th> <th>Field Filtered Sample (Yes or No)</th> <th>Perform MS/MSD (Yes or No)</th> <th>6020 - Boron & Calcium</th> <th>State 6020 - As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Hg, V, Zn & 7470 - Hg</th> <th>Special Instructions/Note:</th> </tr> </thead> <tbody> <tr> <td>GWA-21</td> <td>10/3/18</td> <td>1410</td> <td>G</td> <td>Water</td> <td>N</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>GWA-49</td> <td>10/3/18</td> <td>1410</td> <td>G</td> <td>Water</td> <td>N</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>GWA-48</td> <td>10/3/18</td> <td>1300</td> <td>G</td> <td>Water</td> <td>N</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>GWA-22</td> <td>10/3/18</td> <td>1305</td> <td>G</td> <td>Water</td> <td>N</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>GWA-45</td> <td>10/3/18</td> <td>1025</td> <td>G</td> <td>Water</td> <td>N</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> </tbody> </table>		Sample ID	Sample Date	Sample Time	Sample Type (C-comp, G-grab)	MATRIX (W-water, S-solids, O-ore/slag, BT-tissue, A-As)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020 - Boron & Calcium	State 6020 - As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Hg, V, Zn & 7470 - Hg	Special Instructions/Note:	GWA-21	10/3/18	1410	G	Water	N	X	X	X		GWA-49	10/3/18	1410	G	Water	N	X	X	X		GWA-48	10/3/18	1300	G	Water	N	X	X	X		GWA-22	10/3/18	1305	G	Water	N	X	X	X		GWA-45	10/3/18	1025	G	Water	N	X	X	X		Preservation Codes: A - HCl B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:		Total Number of containers: 5 Special Instructions/Note:	
Sample ID	Sample Date	Sample Time	Sample Type (C-comp, G-grab)	MATRIX (W-water, S-solids, O-ore/slag, BT-tissue, A-As)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020 - Boron & Calcium	State 6020 - As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Hg, V, Zn & 7470 - Hg	Special Instructions/Note:																																																								
GWA-21	10/3/18	1410	G	Water	N	X	X	X																																																									
GWA-49	10/3/18	1410	G	Water	N	X	X	X																																																									
GWA-48	10/3/18	1300	G	Water	N	X	X	X																																																									
GWA-22	10/3/18	1305	G	Water	N	X	X	X																																																									
GWA-45	10/3/18	1025	G	Water	N	X	X	X																																																									
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months																																																												
Empty Kit Relinquished by:					Special Instructions/QC Requirements:																																																												
Relinquished by: <i>[Signature]</i> Date: 10/4/18 07:30 Company: Go/DS					Relinquished by: <i>[Signature]</i> Date: 10/4/18 09:40 Company: THA																																																												
Relinquished by: <i>[Signature]</i> Date: 10/4/18 Company: Go/DS					Relinquished by: <i>[Signature]</i> Date: 10/4/18 09:40 Company: THA																																																												
Custody Seal No.: Δ Yes Δ No					Cooler Temperature(s) C and Other Remarks:																																																												



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 400-159951-2

SDG Number: PAC Ash

Login Number: 159951

List Number: 1

Creator: Whitmire, Cheyenne R

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	634000 634001
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.0°C 0.0°C 2.1°C 0.5°C IR-7, 2.6°C IR-7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Accreditation/Certification Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-2
 SDG: PAC Ash

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-19
ANAB	ISO/IEC 17025		L2471	02-22-20
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-19
California	State Program	9	2510	06-30-19
Florida	NELAP	4	E81010	06-30-19
Georgia	State Program	4	E81010 (FL)	06-30-19
Illinois	NELAP	5	200041	10-09-19
Iowa	State Program	7	367	08-01-20
Kansas	NELAP	7	E-10253	10-31-18
Kentucky (UST)	State Program	4	53	06-30-19
Kentucky (WW)	State Program	4	98030	12-31-18
Louisiana	NELAP	6	30976	06-30-19
Louisiana (DW)	NELAP	6	LA170005	12-31-18
Maryland	State Program	3	233	09-30-19
Massachusetts	State Program	1	M-FL094	06-30-19
Michigan	State Program	5	9912	06-30-19
New Jersey	NELAP	2	FL006	06-30-19
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-19
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-19
Tennessee	State Program	4	TN02907	06-30-19
Texas	NELAP	6	T104704286-18-16	09-30-19
US Fish & Wildlife	Federal		LE058448-0	07-31-19
USDA	Federal		P330-18-00148	05-17-21
Virginia	NELAP	3	460166	06-14-19
Washington	State Program	10	C915	05-15-19
West Virginia DEP	State Program	3	136	06-30-19



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pensacola

3355 McLemore Drive

Pensacola, FL 32514

Tel: (850)474-1001

TestAmerica Job ID: 400-159951-4

TestAmerica Sample Delivery Group: PAC Ash

Client Project/Site: CCR - Plant Scherer

For:

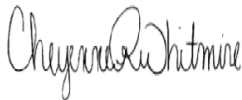
Southern Company

241 Ralph McGill Blvd SE

B10185

Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:

11/30/2018 7:15:03 PM

Cheyenne Whitmire, Project Manager II

(850)471-6222

cheyenne.whitmire@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-4
SDG: PAC Ash

Job ID: 400-159951-4

Laboratory: TestAmerica Pensacola

Narrative

**Job Narrative
400-159951-4**

Metals

Method(s) 7470A: Reanalysis of the following samples were performed outside of the analytical holding time per client request to confirm original runs: GWA-21 (400-159951-25), GWA-49 (400-159951-26), GWA-48 (400-159951-27), GWA-22 (400-159951-28), GWA-45 (400-159951-29), (400-159951-B-21-C), (400-159951-B-21-D MS), (400-159951-B-21-E MSD) and (400-159951-B-21-C SD ^5).

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Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-4
SDG: PAC Ash

Client Sample ID: GWA-21

Lab Sample ID: 400-159951-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.00030	H	0.00020	0.000070	mg/L	1		7470A	Total/NA

Client Sample ID: GWA-49

Lab Sample ID: 400-159951-26

No Detections.

Client Sample ID: GWA-48

Lab Sample ID: 400-159951-27

No Detections.

Client Sample ID: GWA-22

Lab Sample ID: 400-159951-28

No Detections.

Client Sample ID: GWA-45

Lab Sample ID: 400-159951-29

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola



Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-4
SDG: PAC Ash

Method	Method Description	Protocol	Laboratory
7470A	Mercury (CVAA)	SW846	TAL PEN
7470A	Preparation, Mercury	SW846	TAL PEN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001



Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-4
SDG: PAC Ash

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-159951-25	GWA-21	Water	10/03/18 14:10	10/05/18 08:46
400-159951-26	GWA-49	Water	10/03/18 14:10	10/05/18 08:46
400-159951-27	GWA-48	Water	10/03/18 13:00	10/05/18 08:46
400-159951-28	GWA-22	Water	10/03/18 13:05	10/05/18 08:46
400-159951-29	GWA-45	Water	10/03/18 10:25	10/05/18 08:46

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- 12
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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-4
SDG: PAC Ash

Client Sample ID: GWA-21
Date Collected: 10/03/18 14:10
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-25
Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00030	H	0.00020	0.000070	mg/L		11/28/18 13:43	11/29/18 15:18	1

Client Sample ID: GWA-49
Date Collected: 10/03/18 14:10
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-26
Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070	H	0.00020	0.000070	mg/L		11/28/18 13:43	11/29/18 15:20	1

Client Sample ID: GWA-48
Date Collected: 10/03/18 13:00
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-27
Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070	H	0.00020	0.000070	mg/L		11/28/18 13:43	11/29/18 15:24	1

Client Sample ID: GWA-22
Date Collected: 10/03/18 13:05
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-28
Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070	H	0.00020	0.000070	mg/L		11/28/18 13:43	11/29/18 15:26	1

Client Sample ID: GWA-45
Date Collected: 10/03/18 10:25
Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-29
Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070	H	0.00020	0.000070	mg/L		11/28/18 13:43	11/29/18 15:28	1

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-4
SDG: PAC Ash

Qualifiers

Metals

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-4
SDG: PAC Ash

Client Sample ID: GWA-21

Date Collected: 10/03/18 14:10

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			421149	11/28/18 13:43	JAP	TAL PEN
Total/NA	Analysis	7470A		1	421379	11/29/18 15:18	JAP	TAL PEN

Client Sample ID: GWA-49

Date Collected: 10/03/18 14:10

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			421149	11/28/18 13:43	JAP	TAL PEN
Total/NA	Analysis	7470A		1	421379	11/29/18 15:20	JAP	TAL PEN

Client Sample ID: GWA-48

Date Collected: 10/03/18 13:00

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-27

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			421149	11/28/18 13:43	JAP	TAL PEN
Total/NA	Analysis	7470A		1	421379	11/29/18 15:24	JAP	TAL PEN

Client Sample ID: GWA-22

Date Collected: 10/03/18 13:05

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-28

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			421149	11/28/18 13:43	JAP	TAL PEN
Total/NA	Analysis	7470A		1	421379	11/29/18 15:26	JAP	TAL PEN

Client Sample ID: GWA-45

Date Collected: 10/03/18 10:25

Date Received: 10/05/18 08:46

Lab Sample ID: 400-159951-29

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			421149	11/28/18 13:43	JAP	TAL PEN
Total/NA	Analysis	7470A		1	421379	11/29/18 15:28	JAP	TAL PEN

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-4
 SDG: PAC Ash

Metals

Prep Batch: 421149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-25	GWA-21	Total/NA	Water	7470A	
400-159951-26	GWA-49	Total/NA	Water	7470A	
400-159951-27	GWA-48	Total/NA	Water	7470A	
400-159951-28	GWA-22	Total/NA	Water	7470A	
400-159951-29	GWA-45	Total/NA	Water	7470A	
MB 400-421149/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-421149/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-159951-B-21-D MS	Matrix Spike	Total/NA	Water	7470A	
400-159951-B-21-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 421379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-159951-25	GWA-21	Total/NA	Water	7470A	421149
400-159951-26	GWA-49	Total/NA	Water	7470A	421149
400-159951-27	GWA-48	Total/NA	Water	7470A	421149
400-159951-28	GWA-22	Total/NA	Water	7470A	421149
400-159951-29	GWA-45	Total/NA	Water	7470A	421149
MB 400-421149/14-A	Method Blank	Total/NA	Water	7470A	421149
LCS 400-421149/15-A	Lab Control Sample	Total/NA	Water	7470A	421149
400-159951-B-21-D MS	Matrix Spike	Total/NA	Water	7470A	421149
400-159951-B-21-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	421149

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-4
 SDG: PAC Ash

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-421149/14-A
Matrix: Water
Analysis Batch: 421379

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 421149

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		11/28/18 13:42	11/29/18 14:54	1

Lab Sample ID: LCS 400-421149/15-A
Matrix: Water
Analysis Batch: 421379

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 421149

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00101	0.000930		mg/L		92	80 - 120

Lab Sample ID: 400-159951-B-21-D MS
Matrix: Water
Analysis Batch: 421379

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 421149

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	<0.000070		0.00201	0.00204		mg/L		101	80 - 120

Lab Sample ID: 400-159951-B-21-E MSD
Matrix: Water
Analysis Batch: 421379

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 421149

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	<0.000070		0.00201	0.00189		mg/L		94	80 - 120	8	20

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 400-159951-4

SDG Number: PAC Ash

Login Number: 159951

List Number: 1

Creator: Whitmire, Cheyenne R

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is < /= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	634000 634001
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.0°C 0.0°C 2.1°C 0.5°C IR-7, 2.6°C IR-7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is < 6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-159951-4
SDG: PAC Ash

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-19
ANAB	ISO/IEC 17025		L2471	02-22-20
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-19
California	State Program	9	2510	06-30-19
Florida	NELAP	4	E81010	06-30-19
Georgia	State Program	4	E81010 (FL)	06-30-19
Illinois	NELAP	5	200041	10-09-19
Iowa	State Program	7	367	08-01-20
Kansas	NELAP	7	E-10253	10-31-18 *
Kentucky (UST)	State Program	4	53	06-30-19
Kentucky (WW)	State Program	4	98030	12-31-18
Louisiana	NELAP	6	30976	06-30-19
Louisiana (DW)	NELAP	6	LA180023	12-31-18
Maryland	State Program	3	233	09-30-19
Massachusetts	State Program	1	M-FL094	06-30-19
Michigan	State Program	5	9912	06-30-19
New Jersey	NELAP	2	FL006	06-30-19
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-19
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-19
Tennessee	State Program	4	TN02907	06-30-19
Texas	NELAP	6	T104704286-18-15	09-30-19
US Fish & Wildlife	Federal		LE058448-0	07-31-19
USDA	Federal		P330-18-00148	05-17-21
Virginia	NELAP	3	460166	06-14-19
Washington	State Program	10	C915	05-15-19
West Virginia DEP	State Program	3	136	06-30-19

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pensacola

3355 McLemore Drive

Pensacola, FL 32514

Tel: (850)474-1001

TestAmerica Job ID: 400-160138-1

TestAmerica Sample Delivery Group: PAC Ash

Client Project/Site: CCR - Plant Scherer

For:

Southern Company

241 Ralph McGill Blvd SE

B10185

Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:

10/30/2018 2:32:07 PM

Cheyenne Whitmire, Project Manager II

(850)471-6222

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Job ID: 400-160138-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative 400-160138-1

HPLC/IC

Method(s) 300.0: The laboratory control sample duplicate (LCSD) for analytical batch 415319 recovered outside control limits for the following analytes: Fluoride. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 300.0: The laboratory control sample duplicate (LCSD) for analytical batch 415375 recovered outside control limits for the following analytes: Fluoride. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 300.0: The following sample was diluted to bring the concentration of target analytes within the calibration range: GWC-53 (400-160138-9). Elevated reporting limits (RLs) are provided.

General Chemistry

Method(s) SM 2540C: The sample duplicate (DUP) precision for analytical batch 414994 was outside control limits. Sample non-homogeneity is suspected.



Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWA-46

Lab Sample ID: 400-160138-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.9		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.019		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0047		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	5.4		0.25	0.13	mg/L	5		6020	Total Recoverable
Vanadium	0.0034		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	48		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FB-1(PA)

Lab Sample ID: 400-160138-2

No Detections.

Client Sample ID: GWC-50

Lab Sample ID: 400-160138-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.9		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.012		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0050		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	6.7		0.25	0.13	mg/L	5		6020	Total Recoverable
Vanadium	0.0037		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Zinc	0.0076	J	0.020	0.0065	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	110		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EB-2(PA)

Lab Sample ID: 400-160138-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	0.0020	J	0.0025	0.0014	mg/L	5		6020	Total Recoverable

Client Sample ID: GWC-51

Lab Sample ID: 400-160138-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.9		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.0093		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0041		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	6.4		0.25	0.13	mg/L	5		6020	Total Recoverable
Nickel	0.0024	J	0.0025	0.0018	mg/L	5		6020	Total Recoverable
Vanadium	0.0066		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	96		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FD-1(PA)

Lab Sample ID: 400-160138-6

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: FD-1(PA) (Continued)

Lab Sample ID: 400-160138-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.1		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	2.8		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.017		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0013	J	0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	9.8		0.25	0.13	mg/L	5		6020	Total Recoverable
Nickel	0.0033		0.0025	0.0018	mg/L	5		6020	Total Recoverable
Vanadium	0.0075		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	88		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FD-2(PA)

Lab Sample ID: 400-160138-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.8		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.0093		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0040		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	6.4		0.25	0.13	mg/L	5		6020	Total Recoverable
Nickel	0.0020	J	0.0025	0.0018	mg/L	5		6020	Total Recoverable
Vanadium	0.0075		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	60		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-52

Lab Sample ID: 400-160138-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	8.1		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	23		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.013		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.016		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	14		0.25	0.13	mg/L	5		6020	Total Recoverable
Selenium	0.00040	J	0.0013	0.00024	mg/L	5		6020	Total Recoverable
Vanadium	0.013		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	190		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: GWC-53

Lab Sample ID: 400-160138-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	12		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate - DL	170		10	7.0	mg/L	10		300.0	Total/NA
Barium	0.042		0.0025	0.00049	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWC-53 (Continued)

Lab Sample ID: 400-160138-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.92		0.050	0.021	mg/L	5		6020	Total Recoverable
Calcium	17		0.25	0.13	mg/L	5		6020	Total Recoverable
Cobalt	0.016		0.0025	0.00040	mg/L	5		6020	Total Recoverable
Nickel	0.0073		0.0025	0.0018	mg/L	5		6020	Total Recoverable
Vanadium	0.0037		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Zinc	0.017	J	0.020	0.0065	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	320		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EB-1(PA)

Lab Sample ID: 400-160138-10

No Detections.

Client Sample ID: GWC-29

Lab Sample ID: 400-160138-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.1		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	2.8		1.0	0.70	mg/L	1		300.0	Total/NA
Barium	0.018		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0014	J	0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	10		0.25	0.13	mg/L	5		6020	Total Recoverable
Nickel	0.0037		0.0025	0.0018	mg/L	5		6020	Total Recoverable
Selenium	0.00032	J	0.0013	0.00024	mg/L	5		6020	Total Recoverable
Vanadium	0.0053		0.0025	0.0014	mg/L	5		6020	Total Recoverable
Total Dissolved Solids	130		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FB-2(PA)

Lab Sample ID: 400-160138-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	0.0018	J	0.0025	0.0014	mg/L	5		6020	Total Recoverable

Client Sample ID: GWA-47

Lab Sample ID: 400-160138-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.4		1.0	0.89	mg/L	1		300.0	Total/NA
Barium	0.026		0.0025	0.00049	mg/L	5		6020	Total Recoverable
Chromium	0.0083		0.0025	0.0011	mg/L	5		6020	Total Recoverable
Calcium	11		0.25	0.13	mg/L	5		6020	Total Recoverable
Vanadium	0.0092		0.0025	0.0014	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWA-47 (Continued)

Lab Sample ID: 400-160138-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	90		5.0	3.4	mg/L	1		SM 2540C	Total/NA

- 1
- 2
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- 9
- 10
- 11
- 12
- 13
- 14

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL PEN
6020	Metals (ICP/MS)	SW846	TAL PEN
7470A	Mercury (CVAA)	SW846	TAL PEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PEN
7470A	Preparation, Mercury	SW846	TAL PEN

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-160138-1	GWA-46	Water	10/04/18 10:45	10/06/18 08:31
400-160138-2	FB-1(PA)	Water	10/04/18 10:20	10/06/18 08:31
400-160138-3	GWC-50	Water	10/04/18 15:05	10/06/18 08:31
400-160138-4	EB-2(PA)	Water	10/04/18 15:35	10/06/18 08:31
400-160138-5	GWC-51	Water	10/04/18 10:25	10/06/18 08:31
400-160138-6	FD-1(PA)	Water	10/04/18 00:00	10/06/18 08:31
400-160138-7	FD-2(PA)	Water	10/04/18 00:00	10/06/18 08:31
400-160138-8	GWC-52	Water	10/04/18 12:50	10/06/18 08:31
400-160138-9	GWC-53	Water	10/04/18 13:55	10/06/18 08:31
400-160138-10	EB-1(PA)	Water	10/04/18 15:10	10/06/18 08:31
400-160138-11	GWC-29	Water	10/04/18 09:15	10/06/18 08:31
400-160138-12	FB-2(PA)	Water	10/04/18 14:45	10/06/18 08:31
400-160138-13	GWA-47	Water	10/05/18 09:40	10/06/18 08:31

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWA-46
Date Collected: 10/04/18 10:45
Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-1
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.9		1.0	0.89	mg/L			10/13/18 07:43	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 07:43	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 07:43	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 19:24	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 19:24	5
Barium	0.019		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 19:24	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:24	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 19:24	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:24	5
Chromium	0.0047		0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 19:24	5
Calcium	5.4		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 19:24	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 19:24	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 19:24	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 19:24	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 19:24	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 19:24	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 19:24	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 19:24	5
Vanadium	0.0034		0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 19:24	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 19:24	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 11:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	48		5.0	3.4	mg/L			10/10/18 11:10	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: FB-1(PA)

Date Collected: 10/04/18 10:20

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-2

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/13/18 08:06	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 08:06	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 08:06	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 19:28	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 19:28	5
Barium	<0.00049		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 19:28	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:28	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 19:28	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:28	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 19:28	5
Calcium	<0.13		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 19:28	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 19:28	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 19:28	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 19:28	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 19:28	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 19:28	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 19:28	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 19:28	5
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 19:28	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 19:28	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 11:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/10/18 11:10	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWC-50
Date Collected: 10/04/18 15:05
Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-3
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.9		1.0	0.89	mg/L			10/13/18 08:28	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 08:28	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 08:28	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 19:33	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 19:33	5
Barium	0.012		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 19:33	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:33	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 19:33	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:33	5
Chromium	0.0050		0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 19:33	5
Calcium	6.7		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 19:33	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 19:33	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 19:33	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 19:33	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 19:33	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 19:33	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 19:33	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 19:33	5
Vanadium	0.0037		0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 19:33	5
Zinc	0.0076	J	0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 19:33	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 11:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	110		5.0	3.4	mg/L			10/11/18 12:14	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: EB-2(PA)

Date Collected: 10/04/18 15:35

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-4

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/13/18 09:37	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 09:37	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 09:37	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 19:38	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 19:38	5
Barium	<0.00049		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 19:38	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:38	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 19:38	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:38	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 19:38	5
Calcium	<0.13		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 19:38	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 19:38	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 19:38	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 19:38	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 19:38	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 19:38	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 19:38	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 19:38	5
Vanadium	0.0020	J	0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 19:38	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 19:38	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 11:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/11/18 12:14	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWC-51
Date Collected: 10/04/18 10:25
Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-5
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.9		1.0	0.89	mg/L			10/13/18 10:00	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 10:00	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 10:00	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 19:42	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 19:42	5
Barium	0.0093		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 19:42	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:42	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 19:42	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:42	5
Chromium	0.0041		0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 19:42	5
Calcium	6.4		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 19:42	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 19:42	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 19:42	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 19:42	5
Nickel	0.0024	J	0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 19:42	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 19:42	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 19:42	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 19:42	5
Vanadium	0.0066		0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 19:42	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 19:42	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 12:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	96		5.0	3.4	mg/L			10/11/18 12:14	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: FD-1(PA)

Date Collected: 10/04/18 00:00

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-6

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.1		1.0	0.89	mg/L			10/13/18 10:23	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 10:23	1
Sulfate	2.8		1.0	0.70	mg/L			10/13/18 10:23	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 19:47	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 19:47	5
Barium	0.017		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 19:47	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:47	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 19:47	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:47	5
Chromium	0.0013	J	0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 19:47	5
Calcium	9.8		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 19:47	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 19:47	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 19:47	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 19:47	5
Nickel	0.0033		0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 19:47	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 19:47	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 19:47	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 19:47	5
Vanadium	0.0075		0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 19:47	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 19:47	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 12:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	88		5.0	3.4	mg/L			10/09/18 17:44	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: FD-2(PA)

Date Collected: 10/04/18 00:00

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-7

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.8		1.0	0.89	mg/L			10/13/18 11:31	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 11:31	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 11:31	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 19:51	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 19:51	5
Barium	0.0093		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 19:51	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:51	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 19:51	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:51	5
Chromium	0.0040		0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 19:51	5
Calcium	6.4		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 19:51	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 19:51	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 19:51	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 19:51	5
Nickel	0.0020	J	0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 19:51	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 19:51	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 19:51	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 19:51	5
Vanadium	0.0075		0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 19:51	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 19:51	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 12:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	60		5.0	3.4	mg/L			10/09/18 17:44	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWC-52
Date Collected: 10/04/18 12:50
Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-8
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.1		1.0	0.89	mg/L			10/13/18 11:54	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 11:54	1
Sulfate	23		1.0	0.70	mg/L			10/13/18 11:54	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 19:56	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 19:56	5
Barium	0.013		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 19:56	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:56	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 19:56	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 19:56	5
Chromium	0.016		0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 19:56	5
Calcium	14		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 19:56	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 19:56	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 19:56	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 19:56	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 19:56	5
Selenium	0.00040	J	0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 19:56	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 19:56	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 19:56	5
Vanadium	0.013		0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 19:56	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 19:56	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 12:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	190		5.0	3.4	mg/L			10/11/18 12:14	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWC-53
Date Collected: 10/04/18 13:55
Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-9
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12		1.0	0.89	mg/L			10/13/18 12:17	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 12:17	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	170		10	7.0	mg/L			10/15/18 06:09	10

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 20:00	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 20:00	5
Barium	0.042		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 20:00	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 20:00	5
Boron	0.92		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 20:00	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 20:00	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 20:00	5
Calcium	17		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 20:00	5
Cobalt	0.016		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 20:00	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 20:00	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 20:00	5
Nickel	0.0073		0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 20:00	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 20:00	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 20:00	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 20:00	5
Vanadium	0.0037		0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 20:00	5
Zinc	0.017 J		0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 20:00	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 12:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	320		5.0	3.4	mg/L			10/11/18 12:14	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: EB-1(PA)

Lab Sample ID: 400-160138-10

Date Collected: 10/04/18 15:10

Matrix: Water

Date Received: 10/06/18 08:31

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/13/18 12:40	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 12:40	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 12:40	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 20:04	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 20:04	5
Barium	<0.00049		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 20:04	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 20:04	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 20:04	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 20:04	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 20:04	5
Calcium	<0.13		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 20:04	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 20:04	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 20:04	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 20:04	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 20:04	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 20:04	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 20:04	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 20:04	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 20:04	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	<0.0014		0.0025	0.0014	mg/L		10/16/18 09:36	10/17/18 17:18	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 12:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/11/18 12:14	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWC-29
Date Collected: 10/04/18 09:15
Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-11
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.1		1.0	0.89	mg/L			10/13/18 13:02	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 13:02	1
Sulfate	2.8		1.0	0.70	mg/L			10/13/18 13:02	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 20:27	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 20:27	5
Barium	0.018		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 20:27	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 20:27	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 20:27	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 20:27	5
Chromium	0.0014	J	0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 20:27	5
Calcium	10		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 20:27	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 20:27	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 20:27	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 20:27	5
Nickel	0.0037		0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 20:27	5
Selenium	0.00032	J	0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 20:27	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 20:27	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 20:27	5
Vanadium	0.0053		0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 20:27	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 20:27	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 12:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	130		5.0	3.4	mg/L			10/11/18 12:14	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: FB-2(PA)

Lab Sample ID: 400-160138-12

Date Collected: 10/04/18 14:45

Matrix: Water

Date Received: 10/06/18 08:31

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/13/18 13:25	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 13:25	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 13:25	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 20:31	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 20:31	5
Barium	<0.00049		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 20:31	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 20:31	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 20:31	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 20:31	5
Chromium	<0.0011		0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 20:31	5
Calcium	<0.13		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 20:31	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 20:31	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 20:31	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 20:31	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 20:31	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 20:31	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 20:31	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 20:31	5
Vanadium	0.0018	J	0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 20:31	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 20:31	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 12:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/11/18 12:14	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWA-47
Date Collected: 10/05/18 09:40
Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-13
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4		1.0	0.89	mg/L			10/13/18 17:14	1
Fluoride	<0.082	*	0.20	0.082	mg/L			10/13/18 17:14	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 17:14	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0010		0.0025	0.0010	mg/L		10/16/18 09:36	10/16/18 20:36	5
Arsenic	<0.00046		0.0013	0.00046	mg/L		10/16/18 09:36	10/16/18 20:36	5
Barium	0.026		0.0025	0.00049	mg/L		10/16/18 09:36	10/16/18 20:36	5
Beryllium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 20:36	5
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 20:36	5
Cadmium	<0.00034		0.0025	0.00034	mg/L		10/16/18 09:36	10/16/18 20:36	5
Chromium	0.0083		0.0025	0.0011	mg/L		10/16/18 09:36	10/16/18 20:36	5
Calcium	11		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 20:36	5
Cobalt	<0.00040		0.0025	0.00040	mg/L		10/16/18 09:36	10/16/18 20:36	5
Copper	<0.0021		0.0025	0.0021	mg/L		10/16/18 09:36	10/16/18 20:36	5
Lead	<0.00035		0.0013	0.00035	mg/L		10/16/18 09:36	10/16/18 20:36	5
Nickel	<0.0018		0.0025	0.0018	mg/L		10/16/18 09:36	10/16/18 20:36	5
Selenium	<0.00024		0.0013	0.00024	mg/L		10/16/18 09:36	10/16/18 20:36	5
Silver	<0.00011		0.0013	0.00011	mg/L		10/16/18 09:36	10/16/18 20:36	5
Thallium	<0.000085		0.00050	0.000085	mg/L		10/16/18 09:36	10/16/18 20:36	5
Vanadium	0.0092		0.0025	0.0014	mg/L		10/16/18 09:36	10/16/18 20:36	5
Zinc	<0.0065		0.020	0.0065	mg/L		10/16/18 09:36	10/16/18 20:36	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 12:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	90		5.0	3.4	mg/L			10/11/18 14:37	1

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
*	LCS or LCSD is outside acceptance limits.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWA-46

Date Collected: 10/04/18 10:45

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 07:43	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 19:24	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 11:34	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414852	10/10/18 11:10	CLB	TAL PEN

Client Sample ID: FB-1(PA)

Date Collected: 10/04/18 10:20

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 08:06	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 19:28	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 11:41	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414852	10/10/18 11:10	CLB	TAL PEN

Client Sample ID: GWC-50

Date Collected: 10/04/18 15:05

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 08:28	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 19:33	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 11:43	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414994	10/11/18 12:14	DEK	TAL PEN

Client Sample ID: EB-2(PA)

Date Collected: 10/04/18 15:35

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 09:37	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 19:38	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 11:45	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414994	10/11/18 12:14	DEK	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWC-51

Date Collected: 10/04/18 10:25

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 10:00	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 19:42	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 12:29	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414994	10/11/18 12:14	DEK	TAL PEN

Client Sample ID: FD-1(PA)

Date Collected: 10/04/18 00:00

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 10:23	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 19:47	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 12:40	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414797	10/09/18 17:44	DEK	TAL PEN

Client Sample ID: FD-2(PA)

Date Collected: 10/04/18 00:00

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 11:31	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 19:51	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 12:42	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414797	10/09/18 17:44	DEK	TAL PEN

Client Sample ID: GWC-52

Date Collected: 10/04/18 12:50

Date Received: 10/06/18 08:31

Lab Sample ID: 400-160138-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 11:54	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 19:56	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 12:44	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414994	10/11/18 12:14	DEK	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: GWC-53

Lab Sample ID: 400-160138-9

Date Collected: 10/04/18 13:55

Matrix: Water

Date Received: 10/06/18 08:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 12:17	BAW	TAL PEN
Total/NA	Analysis	300.0	DL	10	415449	10/15/18 06:09	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 20:00	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 12:46	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414994	10/11/18 12:14	DEK	TAL PEN

Client Sample ID: EB-1(PA)

Lab Sample ID: 400-160138-10

Date Collected: 10/04/18 15:10

Matrix: Water

Date Received: 10/06/18 08:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 12:40	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 20:04	DRE	TAL PEN
Total Recoverable	Prep	3005A	RA		415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020	RA	5	415935	10/17/18 17:18	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 12:48	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414994	10/11/18 12:14	DEK	TAL PEN

Client Sample ID: GWC-29

Lab Sample ID: 400-160138-11

Date Collected: 10/04/18 09:15

Matrix: Water

Date Received: 10/06/18 08:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 13:02	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 20:27	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 12:50	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414994	10/11/18 12:14	DEK	TAL PEN

Client Sample ID: FB-2(PA)

Lab Sample ID: 400-160138-12

Date Collected: 10/04/18 14:45

Matrix: Water

Date Received: 10/06/18 08:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415319	10/13/18 13:25	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 20:31	DRE	TAL PEN

TestAmerica Pensacola

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Client Sample ID: FB-2(PA)

Lab Sample ID: 400-160138-12

Date Collected: 10/04/18 14:45

Matrix: Water

Date Received: 10/06/18 08:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 12:51	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	414994	10/11/18 12:14	DEK	TAL PEN

Client Sample ID: GWA-47

Lab Sample ID: 400-160138-13

Date Collected: 10/05/18 09:40

Matrix: Water

Date Received: 10/06/18 08:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	415375	10/13/18 17:14	BAW	TAL PEN
Total Recoverable	Prep	3005A			415589	10/16/18 09:36	DRE	TAL PEN
Total Recoverable	Analysis	6020		5	415796	10/16/18 20:36	DRE	TAL PEN
Total/NA	Prep	7470A			415482	10/15/18 14:40	JAP	TAL PEN
Total/NA	Analysis	7470A		1	416025	10/18/18 12:53	JAP	TAL PEN
Total/NA	Analysis	SM 2540C		1	415029	10/11/18 14:37	CLB	TAL PEN

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

HPLC/IC

Analysis Batch: 415319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-1	GWA-46	Total/NA	Water	300.0	
400-160138-2	FB-1(PA)	Total/NA	Water	300.0	
400-160138-3	GWC-50	Total/NA	Water	300.0	
400-160138-4	EB-2(PA)	Total/NA	Water	300.0	
400-160138-5	GWC-51	Total/NA	Water	300.0	
400-160138-6	FD-1(PA)	Total/NA	Water	300.0	
400-160138-7	FD-2(PA)	Total/NA	Water	300.0	
400-160138-8	GWC-52	Total/NA	Water	300.0	
400-160138-9	GWC-53	Total/NA	Water	300.0	
400-160138-10	EB-1(PA)	Total/NA	Water	300.0	
400-160138-11	GWC-29	Total/NA	Water	300.0	
400-160138-12	FB-2(PA)	Total/NA	Water	300.0	
MB 400-415319/4	Method Blank	Total/NA	Water	300.0	
LCS 400-415319/5	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-415319/6	Lab Control Sample Dup	Total/NA	Water	300.0	
400-159951-A-27 MS	Matrix Spike	Total/NA	Water	300.0	
400-159951-A-27 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 415375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-13	GWA-47	Total/NA	Water	300.0	
MB 400-415375/36	Method Blank	Total/NA	Water	300.0	
LCS 400-415375/37	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-415375/38	Lab Control Sample Dup	Total/NA	Water	300.0	
400-159951-A-29 MS	Matrix Spike	Total/NA	Water	300.0	
400-159951-A-29 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 415449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-9 - DL	GWC-53	Total/NA	Water	300.0	
MB 400-415449/4	Method Blank	Total/NA	Water	300.0	
LCS 400-415449/5	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-415449/6	Lab Control Sample Dup	Total/NA	Water	300.0	
400-160196-A-1 MS	Matrix Spike	Total/NA	Water	300.0	
400-160196-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 415482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-1	GWA-46	Total/NA	Water	7470A	
400-160138-2	FB-1(PA)	Total/NA	Water	7470A	
400-160138-3	GWC-50	Total/NA	Water	7470A	
400-160138-4	EB-2(PA)	Total/NA	Water	7470A	
400-160138-5	GWC-51	Total/NA	Water	7470A	
400-160138-6	FD-1(PA)	Total/NA	Water	7470A	
400-160138-7	FD-2(PA)	Total/NA	Water	7470A	
400-160138-8	GWC-52	Total/NA	Water	7470A	
400-160138-9	GWC-53	Total/NA	Water	7470A	
400-160138-10	EB-1(PA)	Total/NA	Water	7470A	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Metals (Continued)

Prep Batch: 415482 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-11	GWC-29	Total/NA	Water	7470A	
400-160138-12	FB-2(PA)	Total/NA	Water	7470A	
400-160138-13	GWA-47	Total/NA	Water	7470A	
MB 400-415482/13-A	Method Blank	Total/NA	Water	7470A	
LCS 400-415482/14-A	Lab Control Sample	Total/NA	Water	7470A	
400-160138-1 MS	GWA-46	Total/NA	Water	7470A	
400-160138-1 MSD	GWA-46	Total/NA	Water	7470A	

Prep Batch: 415589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-1	GWA-46	Total Recoverable	Water	3005A	
400-160138-2	FB-1(PA)	Total Recoverable	Water	3005A	
400-160138-3	GWC-50	Total Recoverable	Water	3005A	
400-160138-4	EB-2(PA)	Total Recoverable	Water	3005A	
400-160138-5	GWC-51	Total Recoverable	Water	3005A	
400-160138-6	FD-1(PA)	Total Recoverable	Water	3005A	
400-160138-7	FD-2(PA)	Total Recoverable	Water	3005A	
400-160138-8	GWC-52	Total Recoverable	Water	3005A	
400-160138-9	GWC-53	Total Recoverable	Water	3005A	
400-160138-10 - RA	EB-1(PA)	Total Recoverable	Water	3005A	
400-160138-10	EB-1(PA)	Total Recoverable	Water	3005A	
400-160138-11	GWC-29	Total Recoverable	Water	3005A	
400-160138-12	FB-2(PA)	Total Recoverable	Water	3005A	
400-160138-13	GWA-47	Total Recoverable	Water	3005A	
MB 400-415589/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-415589/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-159905-E-1-B MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-159905-E-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 415796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-1	GWA-46	Total Recoverable	Water	6020	415589
400-160138-2	FB-1(PA)	Total Recoverable	Water	6020	415589
400-160138-3	GWC-50	Total Recoverable	Water	6020	415589
400-160138-4	EB-2(PA)	Total Recoverable	Water	6020	415589
400-160138-5	GWC-51	Total Recoverable	Water	6020	415589
400-160138-6	FD-1(PA)	Total Recoverable	Water	6020	415589
400-160138-7	FD-2(PA)	Total Recoverable	Water	6020	415589
400-160138-8	GWC-52	Total Recoverable	Water	6020	415589
400-160138-9	GWC-53	Total Recoverable	Water	6020	415589
400-160138-10	EB-1(PA)	Total Recoverable	Water	6020	415589
400-160138-11	GWC-29	Total Recoverable	Water	6020	415589
400-160138-12	FB-2(PA)	Total Recoverable	Water	6020	415589
400-160138-13	GWA-47	Total Recoverable	Water	6020	415589
MB 400-415589/1-A ^5	Method Blank	Total Recoverable	Water	6020	415589
LCS 400-415589/2-A	Lab Control Sample	Total Recoverable	Water	6020	415589
400-159905-E-1-B MS ^5	Matrix Spike	Total Recoverable	Water	6020	415589
400-159905-E-1-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	415589

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Metals (Continued)

Analysis Batch: 415935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-10 - RA	EB-1(PA)	Total Recoverable	Water	6020	415589

Analysis Batch: 416025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-1	GWA-46	Total/NA	Water	7470A	415482
400-160138-2	FB-1(PA)	Total/NA	Water	7470A	415482
400-160138-3	GWC-50	Total/NA	Water	7470A	415482
400-160138-4	EB-2(PA)	Total/NA	Water	7470A	415482
400-160138-5	GWC-51	Total/NA	Water	7470A	415482
400-160138-6	FD-1(PA)	Total/NA	Water	7470A	415482
400-160138-7	FD-2(PA)	Total/NA	Water	7470A	415482
400-160138-8	GWC-52	Total/NA	Water	7470A	415482
400-160138-9	GWC-53	Total/NA	Water	7470A	415482
400-160138-10	EB-1(PA)	Total/NA	Water	7470A	415482
400-160138-11	GWC-29	Total/NA	Water	7470A	415482
400-160138-12	FB-2(PA)	Total/NA	Water	7470A	415482
400-160138-13	GWA-47	Total/NA	Water	7470A	415482
MB 400-415482/13-A	Method Blank	Total/NA	Water	7470A	415482
LCS 400-415482/14-A	Lab Control Sample	Total/NA	Water	7470A	415482
400-160138-1 MS	GWA-46	Total/NA	Water	7470A	415482
400-160138-1 MSD	GWA-46	Total/NA	Water	7470A	415482

General Chemistry

Analysis Batch: 414797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-6	FD-1(PA)	Total/NA	Water	SM 2540C	
400-160138-7	FD-2(PA)	Total/NA	Water	SM 2540C	
MB 400-414797/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-414797/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-160175-A-18 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 414852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-1	GWA-46	Total/NA	Water	SM 2540C	
400-160138-2	FB-1(PA)	Total/NA	Water	SM 2540C	
MB 400-414852/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-414852/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-160176-J-8 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 414994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-3	GWC-50	Total/NA	Water	SM 2540C	
400-160138-4	EB-2(PA)	Total/NA	Water	SM 2540C	
400-160138-5	GWC-51	Total/NA	Water	SM 2540C	
400-160138-8	GWC-52	Total/NA	Water	SM 2540C	
400-160138-9	GWC-53	Total/NA	Water	SM 2540C	
400-160138-10	EB-1(PA)	Total/NA	Water	SM 2540C	
400-160138-11	GWC-29	Total/NA	Water	SM 2540C	
400-160138-12	FB-2(PA)	Total/NA	Water	SM 2540C	

TestAmerica Pensacola

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

General Chemistry (Continued)

Analysis Batch: 414994 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-414994/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-414994/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-160138-3 DU	GWC-50	Total/NA	Water	SM 2540C	

Analysis Batch: 415029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-160138-13	GWA-47	Total/NA	Water	SM 2540C	
MB 400-415029/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-415029/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-160146-E-2 DU	Duplicate	Total/NA	Water	SM 2540C	

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-415319/4
Matrix: Water
Analysis Batch: 415319

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/13/18 02:08	1
Fluoride	<0.082		0.20	0.082	mg/L			10/13/18 02:08	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 02:08	1

Lab Sample ID: LCS 400-415319/5
Matrix: Water
Analysis Batch: 415319

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	10.0		mg/L		100	90 - 110
Fluoride	10.0	10.7		mg/L		107	90 - 110
Sulfate	10.0	10.5		mg/L		105	90 - 110

Lab Sample ID: LCSD 400-415319/6
Matrix: Water
Analysis Batch: 415319

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	10.0		mg/L		100	90 - 110	0	15
Fluoride	10.0	11.1	*	mg/L		111	90 - 110	3	15
Sulfate	10.0	10.4		mg/L		104	90 - 110	1	15

Lab Sample ID: 400-159951-A-27 MS
Matrix: Water
Analysis Batch: 415319

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1.6		10.0	11.7		mg/L		100	80 - 120
Fluoride	<0.082	*	10.0	10.4		mg/L		104	80 - 120
Sulfate	1.2		10.0	12.0		mg/L		107	80 - 120

Lab Sample ID: 400-159951-A-27 MSD
Matrix: Water
Analysis Batch: 415319

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1.6		10.0	11.9		mg/L		102	80 - 120	1	20
Fluoride	<0.082	*	10.0	10.8		mg/L		108	80 - 120	3	20
Sulfate	1.2		10.0	12.0		mg/L		108	80 - 120	1	20

Lab Sample ID: MB 400-415375/36
Matrix: Water
Analysis Batch: 415375

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			10/13/18 14:56	1
Fluoride	<0.082		0.20	0.082	mg/L			10/13/18 14:56	1
Sulfate	<0.70		1.0	0.70	mg/L			10/13/18 14:56	1

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 400-415375/37
Matrix: Water
Analysis Batch: 415375

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	10.1		mg/L		101	90 - 110
Fluoride	10.0	10.8		mg/L		108	90 - 110
Sulfate	10.0	10.6		mg/L		106	90 - 110

Lab Sample ID: LCSD 400-415375/38
Matrix: Water
Analysis Batch: 415375

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	10.1		mg/L		101	90 - 110	0	15
Fluoride	10.0	11.2	*	mg/L		112	90 - 110	3	15
Sulfate	10.0	10.5		mg/L		105	90 - 110	1	15

Lab Sample ID: 400-159951-A-29 MS
Matrix: Water
Analysis Batch: 415375

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10		10.0	20.3		mg/L		99	80 - 120
Fluoride	<0.082	*	10.0	10.9		mg/L		109	80 - 120
Sulfate	150	E	10.0	159	E 4	mg/L		88	80 - 120

Lab Sample ID: 400-159951-A-29 MSD
Matrix: Water
Analysis Batch: 415375

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10		10.0	20.4		mg/L		101	80 - 120	1	20
Fluoride	<0.082	*	10.0	11.2		mg/L		112	80 - 120	3	20
Sulfate	150	E	10.0	159	E 4	mg/L		93	80 - 120	0	20

Lab Sample ID: MB 400-415449/4
Matrix: Water
Analysis Batch: 415449

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.70		1.0	0.70	mg/L			10/15/18 03:52	1

Lab Sample ID: LCS 400-415449/5
Matrix: Water
Analysis Batch: 415449

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	10.0	9.82		mg/L		98	90 - 110

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 400-415449/6
Matrix: Water
Analysis Batch: 415449

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	10.0	10.0		mg/L		100	90 - 110	2	15

Lab Sample ID: 400-160196-A-1 MS
Matrix: Water
Analysis Batch: 415449

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	5.0		10.0	15.7		mg/L		107	80 - 120

Lab Sample ID: 400-160196-A-1 MSD
Matrix: Water
Analysis Batch: 415449

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	5.0		10.0	15.6		mg/L		106	80 - 120	1	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-415589/1-A ^5
Matrix: Water
Analysis Batch: 415796

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 415589

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.021		0.050	0.021	mg/L		10/16/18 09:36	10/16/18 18:17	5
Calcium	<0.13		0.25	0.13	mg/L		10/16/18 09:36	10/16/18 18:17	5

Lab Sample ID: LCS 400-415589/2-A
Matrix: Water
Analysis Batch: 415796

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 415589

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Boron	0.100	0.0920		mg/L		92	80 - 120
Calcium	5.00	5.03		mg/L		101	80 - 120

Lab Sample ID: 400-159905-E-1-B MS ^5
Matrix: Water
Analysis Batch: 415796

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 415589

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Boron	<0.021		0.100	0.101		mg/L		101	75 - 125
Calcium	1.1		5.00	5.98		mg/L		97	75 - 125

Lab Sample ID: 400-159905-E-1-C MSD ^5
Matrix: Water
Analysis Batch: 415796

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 415589

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Boron	<0.021		0.100	0.100		mg/L		100	75 - 125	0	20
Calcium	1.1		5.00	5.98		mg/L		97	75 - 125	0	20

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-415482/13-A
Matrix: Water
Analysis Batch: 416025

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 415482

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		10/15/18 14:40	10/18/18 11:30	1

Lab Sample ID: LCS 400-415482/14-A
Matrix: Water
Analysis Batch: 416025

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 415482

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00101	0.000988		mg/L		98	80 - 120

Lab Sample ID: 400-160138-1 MS
Matrix: Water
Analysis Batch: 416025

Client Sample ID: GWA-46
Prep Type: Total/NA
Prep Batch: 415482

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	<0.000070		0.00201	0.00200		mg/L		99	80 - 120

Lab Sample ID: 400-160138-1 MSD
Matrix: Water
Analysis Batch: 416025

Client Sample ID: GWA-46
Prep Type: Total/NA
Prep Batch: 415482

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
Mercury	<0.000070		0.00201	0.00197		mg/L		98	80 - 120	1	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 400-414797/1
Matrix: Water
Analysis Batch: 414797

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/09/18 17:44	1

Lab Sample ID: LCS 400-414797/2
Matrix: Water
Analysis Batch: 414797

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Total Dissolved Solids	293	258		mg/L		88	78 - 122

Lab Sample ID: 400-160175-A-18 DU
Matrix: Water
Analysis Batch: 414797

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	86		90.0		mg/L		5	5

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
SDG: PAC Ash

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: MB 400-414852/1
Matrix: Water
Analysis Batch: 414852

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/10/18 11:10	1

Lab Sample ID: LCS 400-414852/2
Matrix: Water
Analysis Batch: 414852

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	258		mg/L		88	78 - 122

Lab Sample ID: 400-160176-J-8 DU
Matrix: Water
Analysis Batch: 414852

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	450		450		mg/L		0.9	5

Lab Sample ID: MB 400-414994/1
Matrix: Water
Analysis Batch: 414994

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/11/18 12:14	1

Lab Sample ID: LCS 400-414994/2
Matrix: Water
Analysis Batch: 414994

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	302		mg/L		103	78 - 122

Lab Sample ID: 400-160138-3 DU
Matrix: Water
Analysis Batch: 414994

Client Sample ID: GWC-50
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	110		114		mg/L		0	5

Lab Sample ID: MB 400-415029/1
Matrix: Water
Analysis Batch: 415029

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			10/11/18 14:37	1

Lab Sample ID: LCS 400-415029/2
Matrix: Water
Analysis Batch: 415029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	293	304		mg/L		104	78 - 122

TestAmerica Pensacola

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
 SDG: PAC Ash

Lab Sample ID: 400-160146-E-2 DU
Matrix: Water
Analysis Batch: 415029

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	150		146		mg/L		1	5

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Chain of Custody Record

Client Information Client Contact: Joju Abraham Southern Company Address: 241 Ralph McGill Blvd SE B10185 City: Atlanta State/Zip: GA, 30308 Phone: SCS10347656 Email: JAbraham@southernco.com Project Name: CCR - Plant Scherer Site: PAC Ash Cell		Lab PM: Whitmire, Chyenne R E-Mail: chyenne.whitmire@testamericainc.com Carrier Tracking No(s): 400-67346-27427.1 Page: Page 1 of 1 Job #:	
Due Date Requested: TAT Requested (days): PO #: WO #: Project #: SOW#:		Analysis Requested Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> N Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> N 2540C - Total Dissolved Solids, 300 ORGFM_28D-Fluoride, Chloride & Sulfate 6020 - Boron & Calcium State 6020 - As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Tl, V, Zn & 7470 - Hg Total Number of Containers:	
Sample Identification Sample Date: 10/4/18 Sample Time: 1045 Sample Type (C=comp, G=grab): G Matrix (W=water, S=solid, O=soil, BT=Breath, A=Air): Water		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 X - EDTA Z - other (specify)	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> ammable <input type="checkbox"/> tant <input type="checkbox"/> hown <input type="checkbox"/> adiological Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/Note:	
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements: Equi Golder_Rad UDS and Equi Golder UDS Equis EDDS		Total Number of Containers:	
Empty Kit Relinquished by: Relinquished by: [Signature] Date: 10/5/18 Relinquished by: [Signature] Date: 10/5/18 Relinquished by: [Signature] Date: 10/5/18		Time: Received by: [Signature] Date/Time: 10/5/18 15:44 Received by: [Signature] Date/Time: 10-9-18 08:31 Received by: [Signature] Date/Time: 0.70c 4.20c 1R-7	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.:		Cooler Temperature(s) and Other Remarks:	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 400-160138-1

SDG Number: PAC Ash

Login Number: 160138

List Number: 1

Creator: Whitmire, Cheyenne R

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.2°C 0.7°C IR-7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer

TestAmerica Job ID: 400-160138-1
 SDG: PAC Ash

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-19
ANAB	ISO/IEC 17025		L2471	02-22-20
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-19
California	State Program	9	2510	06-30-19
Florida	NELAP	4	E81010	06-30-19
Georgia	State Program	4	E81010 (FL)	06-30-19
Illinois	NELAP	5	200041	10-09-19
Iowa	State Program	7	367	08-01-20
Kansas	NELAP	7	E-10253	10-31-18
Kentucky (UST)	State Program	4	53	06-30-19
Kentucky (WW)	State Program	4	98030	12-31-18
Louisiana	NELAP	6	30976	06-30-19
Louisiana (DW)	NELAP	6	LA170005	12-31-18
Maryland	State Program	3	233	09-30-19
Massachusetts	State Program	1	M-FL094	06-30-19
Michigan	State Program	5	9912	06-30-19
New Jersey	NELAP	2	FL006	06-30-19
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-19
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-19
Tennessee	State Program	4	TN02907	06-30-19
Texas	NELAP	6	T104704286-18-16	09-30-19
US Fish & Wildlife	Federal		LE058448-0	07-31-19
USDA	Federal		P330-18-00148	05-17-21
Virginia	NELAP	3	460166	06-14-19
Washington	State Program	10	C915	05-15-19
West Virginia DEP	State Program	3	136	06-30-19



Product Name: Low-Flow System

Date: 2018-10-02 11:28:43

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 34 ft

Pump placement from TOC 34 ft

Well Information:

Well ID GWC-1
Well diameter 2 in
Well Total Depth 38.72 ft
Screen Length 10 ft
Depth to Water 9.50 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.2417564 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 4.2 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	11:15:04	300.03	20.76	6.57	189.87	0.42	9.85	5.24	84.02
Last 5	11:20:04	600.03	20.58	6.57	188.07	0.21	9.85	5.28	81.11
Last 5	11:25:04	900.02	20.32	6.57	187.98	0.28	9.85	5.34	79.01
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			-0.18	0.00	-1.80			0.04	-2.91
Variance 2			-0.26	0.00	-0.09			0.06	-2.10

Notes

Started purging GWC-1 at 1110
Stopped purging and began sampling at 1125

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-02 14:13:41

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 54 ft

Pump placement from TOC 54 ft

Well Information:

Well ID GWC-2
Well diameter 2 in
Well Total Depth 58.74 ft
Screen Length 10 ft
Depth to Water 13.88 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.3310249 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 19.68 in
Total Volume Pumped 4 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	13:55:11	300.03	21.44	6.49	170.64	0.22	15.24	4.02	81.78
Last 5	14:00:11	600.03	21.41	6.50	167.76	0.30	15.37	3.83	92.34
Last 5	14:05:11	900.03	21.29	6.50	167.59	0.39	15.45	3.87	92.56
Last 5	14:10:11	1200.02	21.20	6.51	166.85	0.00	15.52	3.83	92.67
Last 5									
Variance 0			-0.02	0.01	-2.87			-0.20	10.56
Variance 1			-0.13	0.00	-0.17			0.04	0.22
Variance 2			-0.09	0.00	-0.74			-0.04	0.11

Notes

Started purging GWC-2 at 1350
Stopped purging GWC-2 at 1410 and began sampling

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-03 09:08:00

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613229
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 45 ft

Pump placement from TOC 45 ft

Well Information:

Well ID GWC-3
Well diameter 2 in
Well Total Depth 50.16 ft
Screen Length 10 ft
Depth to Water 31.05 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.415854 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 2.4 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	08:45:55	300.81	19.63	5.98	107.44	12.00	31.20	5.80	111.35
Last 5	08:50:55	600.75	18.89	5.98	107.11	6.72	31.23	5.37	95.52
Last 5	08:55:55	900.75	18.79	5.98	106.74	5.68	31.23	5.29	90.66
Last 5	09:00:55	1200.75	18.75	5.96	106.34	4.79	31.23	5.20	88.78
Last 5	09:05:55	1500.75	18.75	5.97	106.13	4.20	31.23	5.17	87.23
Variance 0			-0.10	0.00	-0.37			-0.09	-4.86
Variance 1			-0.04	-0.02	-0.40			-0.09	-1.88
Variance 2			0.00	0.02	-0.21			-0.03	-1.56

Notes

Sampled at 0905

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-03 10:37:26

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 364455
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 38 ft

Pump placement from TOC 38 ft

Well Information:

Well ID GWC-4
Well diameter 2 in
Well Total Depth 43.41 ft
Screen Length 10 ft
Depth to Water 30.92 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.3846101 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3.36 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	10:15:09	300.09	21.15	6.29	179.64	5.05	31.20	4.38	248.75
Last 5	10:20:09	600.03	20.42	6.24	186.54	1.65	31.20	4.26	233.60
Last 5	10:25:09	900.02	20.37	6.24	185.04	0.63	31.20	4.11	224.86
Last 5	10:30:09	1200.02	20.50	6.24	184.53	2.61	31.20	4.05	221.18
Last 5	10:35:09	1500.01	20.41	6.25	181.60	0.38	31.20	4.00	219.61
Variance 0			-0.05	0.00	-1.50			-0.15	-8.74
Variance 1			0.13	-0.01	-0.50			-0.06	-3.68
Variance 2			-0.10	0.01	-2.93			-0.04	-1.57

Notes

Sampled GWC-4 at 1035. FB-2 (LF) taken here

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-03 09:13:55

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 29 ft

Pump placement from TOC 29 ft

Well Information:

Well ID GWC-5
Well diameter 2 in
Well Total Depth 34.16 ft
Screen Length 10 ft
Depth to Water 19.51 ft

Pumping Information:

Final Pumping Rate 160 mL/min
Total System Volume 0.2194393 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.68 in
Total Volume Pumped 3.2 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	08:56:21	304.07	19.02	5.74	910.40	0.66	19.65	3.99	128.80
Last 5	09:01:20	604.03	18.92	5.74	917.66	1.15	19.65	3.89	132.20
Last 5	09:06:20	904.02	18.90	5.74	920.83	0.99	19.65	3.86	132.66
Last 5	09:11:20	1204.02	18.95	5.74	916.17	1.62	19.65	3.79	132.37
Last 5									
Variance 0			-0.09	-0.00	7.26			-0.09	3.41
Variance 1			-0.03	-0.00	3.17			-0.03	0.46
Variance 2			0.06	-0.00	-4.67			-0.07	-0.29

Notes

Started purging GWC-5 @ 0851
Stopped purging and began sampling at 0915

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-03 10:11:50

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613229
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 43 ft

Pump placement from TOC 43 ft

Well Information:

Well ID GWC-6
Well diameter 2 in
Well Total Depth 48.50 ft
Screen Length 10 ft
Depth to Water 37.91 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.4069272 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1 in
Total Volume Pumped 8 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	09:49:17	300.13	18.79	6.21	203.65	4.46	38.06	6.60	89.60
Last 5	09:54:17	600.02	18.83	6.22	195.43	1.70	38.04	6.61	84.58
Last 5	09:59:17	900.02	19.77	6.22	197.65	1.66	37.98	6.46	85.18
Last 5	10:09:17	1500.02	20.34	6.22	196.73	0.83	37.99	6.31	87.55
Last 5									
Variance 0			0.03	0.01	-8.22			0.01	-5.02
Variance 1			0.94	-0.00	2.22			-0.16	0.60
Variance 2			0.57	0.00	-0.93			-0.15	2.37

Notes

Sampled at 1010

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-04 09:31:39

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613229
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 53 ft

Pump placement from TOC 53 ft

Well Information:

Well ID GWC-7
Well diameter 2 in
Well Total Depth 58.72 ft
Screen Length 10 ft
Depth to Water 42.05 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.4515614 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 4 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	09:09:49	300.02	20.32	6.39	161.31	4.44	42.31	6.55	113.50
Last 5	09:14:49	600.02	19.32	6.37	163.52	1.79	42.35	6.45	89.83
Last 5	09:19:49	900.02	19.29	6.36	163.78	1.38	42.35	6.42	85.01
Last 5	09:24:49	1200.02	19.33	6.37	163.80	0.96	42.35	6.39	83.32
Last 5	09:29:49	1500.02	19.37	6.36	163.47	1.71	42.35	6.36	82.33
Variance 0			-0.03	-0.01	0.26			-0.03	-4.82
Variance 1			0.04	0.00	0.01			-0.03	-1.69
Variance 2			0.04	-0.00	-0.33			-0.03	-0.99

Notes

Sampled at 0930

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-04 14:11:55

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 364455
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 43 ft

Pump placement from TOC 43 ft

Well Information:

Well ID GWC-8A
Well diameter 2 in
Well Total Depth 47.5 ft
Screen Length 10 ft
Depth to Water 23.04 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.2819272 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3.72 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	13:55:33	300.09	29.11	7.25	334.37	1.22	23.34	1.28	-63.53
Last 5	14:00:33	600.03	25.56	7.23	348.86	0.57	23.35	0.39	-60.06
Last 5	14:05:33	900.02	24.27	7.25	351.68	0.84	23.35	0.30	-59.03
Last 5	14:10:33	1200.04	23.87	7.26	353.16	0.79	23.35	0.26	-59.11
Last 5									
Variance 0			-3.55	-0.02	14.49			-0.89	3.46
Variance 1			-1.30	0.02	2.82			-0.09	1.04
Variance 2			-0.40	0.01	1.48			-0.04	-0.08

Notes

Sampled GWC-8A at 1410

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-02 15:30:28

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613229
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 15 ft

Pump placement from TOC 15 ft

Well Information:

Well ID GWC-9
Well diameter 2 in
Well Total Depth 20.25 ft
Screen Length 10 ft
Depth to Water 7.42 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.1569514 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 4 in
Total Volume Pumped 3.75 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	15:08:42	300.02	23.00	6.69	186.63	2.64	7.73	2.71	79.51
Last 5	15:13:42	600.10	22.09	6.67	182.97	1.53	7.75	2.63	69.06
Last 5	15:18:42	900.10	21.90	6.66	182.90	2.16	7.77	2.62	67.23
Last 5	15:23:42	1200.10	22.00	6.65	181.91	1.27	7.78	2.57	66.70
Last 5	15:28:42	1500.10	21.82	6.65	181.95	0.72	7.78	2.52	65.95
Variance 0			-0.19	-0.01	-0.07			-0.01	-1.83
Variance 1			0.10	-0.01	-0.99			-0.05	-0.53
Variance 2			-0.18	-0.00	0.05			-0.05	-0.75

Notes

Sampled at 1530

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-02 14:09:10

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613229
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 35 ft

Pump placement from TOC 35 ft

Well Information:

Well ID GWC-10
Well diameter 2 in
Well Total Depth 40.65 ft
Screen Length 10 ft
Depth to Water 11.02 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.2462198 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 2.4 in
Total Volume Pumped 3.75 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	13:47:18	300.03	23.85	6.36	179.37	2.21	11.16	1.14	85.67
Last 5	13:52:18	600.02	22.75	6.35	181.21	1.33	11.19	0.93	73.93
Last 5	13:57:18	900.02	22.15	6.35	181.13	1.51	11.19	0.87	69.54
Last 5	14:02:18	1200.02	22.53	6.35	181.44	0.97	11.19	0.85	67.63
Last 5	14:07:18	1500.02	22.53	6.35	180.54	1.03	11.19	0.82	65.72
Variance 0			-0.60	0.00	-0.09			-0.06	-4.38
Variance 1			0.39	-0.00	0.31			-0.02	-1.91
Variance 2			-0.00	0.00	-0.90			-0.03	-1.92

Notes

Sampled at 1410

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-02 11:35:13

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613229
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 29 ft

Pump placement from TOC 29 ft

Well Information:

Well ID GWC-11
Well diameter 2 in
Well Total Depth 34.54 ft
Screen Length 10 ft
Depth to Water 18.30 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.2194393 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.2 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	11:13:24	300.03	21.55	6.23	131.73	0.49	18.39	1.50	88.00
Last 5	11:18:24	600.10	21.30	6.23	133.05	0.24	18.40	1.36	77.97
Last 5	11:23:24	900.10	21.32	6.22	131.17	0.29	18.40	1.28	75.75
Last 5	11:28:24	1200.10	21.42	6.21	131.09	0.41	18.40	1.33	74.58
Last 5	11:33:24	1500.16	21.24	6.21	130.02	0.24	18.40	1.30	74.18
Variance 0			0.02	-0.01	-1.88			-0.08	-2.22
Variance 1			0.09	-0.01	-0.08			0.05	-1.16
Variance 2			-0.18	-0.00	-1.07			-0.04	-0.40

Notes

Sampled at 1135

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-02 09:27:49

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613229
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 33 ft

Pump placement from TOC 33 ft

Well Information:

Well ID GWC-12
Well diameter 2 in
Well Total Depth 37.82 ft
Screen Length 10 ft
Depth to Water 25.33 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.237293 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	09:06:07	300.09	19.61	5.19	24.27	0.33	25.59	3.58	129.83
Last 5	09:11:07	600.02	18.83	5.17	24.50	0.22	25.59	3.40	114.58
Last 5	09:16:07	900.02	18.75	5.17	24.52	0.42	25.59	3.42	110.59
Last 5	09:21:07	1200.02	18.79	5.18	24.63	0.72	25.59	3.32	108.49
Last 5	09:26:07	1500.02	18.81	5.16	24.75	0.23	25.59	3.48	106.48
Variance 0			-0.09	-0.00	0.02			0.02	-3.99
Variance 1			0.04	0.01	0.11			-0.10	-2.10
Variance 2			0.02	-0.02	0.12			0.16	-2.01

Notes

Sampled at 0930

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-03 12:37:26

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613229
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 39 ft

Pump placement from TOC 39 ft

Well Information:

Well ID GWC-13
Well diameter 2 in
Well Total Depth 44.20 ft
Screen Length 10 ft
Depth to Water 30.55 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.3890735 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.2 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	12:16:11	300.03	21.68	5.90	82.26	12.70	30.69	5.20	68.38
Last 5	12:21:11	600.02	20.88	5.91	84.30	10.22	30.61	5.17	66.88
Last 5	12:26:11	900.02	20.48	5.92	86.31	8.70	30.64	5.15	74.46
Last 5	12:31:11	1200.02	20.42	5.94	90.23	4.57	30.64	5.00	75.19
Last 5	12:36:14	1503.02	20.44	5.95	92.04	4.07	30.64	4.95	75.19
Variance 0			-0.40	0.01	2.01			-0.03	7.57
Variance 1			-0.06	0.02	3.92			-0.15	0.74
Variance 2			0.02	0.01	1.81			-0.06	-0.00

Notes

Sampled at 1235

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-02 15:21:43

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 22 ft

Pump placement from TOC 22 ft

Well Information:

Well ID GWC-14
Well diameter 2 in
Well Total Depth 27.59 ft
Screen Length 10 ft
Depth to Water 13.44 ft

Pumping Information:

Final Pumping Rate 160 mL/min
Total System Volume 0.1881953 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 0.84 in
Total Volume Pumped 3.2 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	15:03:22	300.03	21.73	5.66	75.53	0.09	13.51	0.64	74.76
Last 5	15:08:22	600.03	21.25	5.66	76.34	0.09	13.51	0.58	68.54
Last 5	15:13:22	900.02	21.11	5.67	76.76	0.08	13.51	0.54	66.38
Last 5	15:18:22	1200.02	20.93	5.68	77.15	0.14	13.51	0.52	65.17
Last 5									
Variance 0			-0.48	0.01	0.81			-0.05	-6.21
Variance 1			-0.14	0.01	0.43			-0.04	-2.16
Variance 2			-0.18	0.01	0.39			-0.02	-1.22

Notes

Began purging GWC-14 at 1458
Stopped purging and began sampling at 1520

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-02 09:35:00

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 24 ft

Pump placement from TOC 24 ft

Well Information:

Well ID GWA-15
Well diameter 2 in
Well Total Depth 29.59 ft
Screen Length 10 ft
Depth to Water 12.84 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.1971222 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 2.52 in
Total Volume Pumped 3.5 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	09:12:11	300.08	20.40	5.46	64.00	0.73	13.05	0.30	80.63
Last 5	09:17:11	600.03	20.44	5.47	64.32	0.12	13.05	0.22	77.19
Last 5	09:22:11	900.02	20.61	5.48	64.31	0.05	13.05	0.19	75.07
Last 5	09:27:11	1200.02	20.71	5.48	64.31	0.04	13.05	0.18	73.92
Last 5	09:32:11	1500.02	20.84	5.49	64.18	0.04	13.05	0.16	73.52
Variance 0			0.17	0.01	-0.01			-0.03	-2.11
Variance 1			0.10	0.01	-0.01			-0.01	-1.16
Variance 2			0.13	0.01	-0.12			-0.02	-0.40

Notes

Started purging GWA-15 at 0907
Stopped purging and began sampling at 0935

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-02 09:32:35

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 364455
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 53 ft

Pump placement from TOC 53 ft

Well Information:

Well ID GWA-16
Well diameter 2 in
Well Total Depth 57.93 ft
Screen Length 10 ft
Depth to Water 33.40 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.4515614 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.8 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	09:10:33	300.11	19.84	6.39	117.59	6.19	33.55	6.01	222.91
Last 5	09:20:33	900.03	19.50	6.37	117.71	3.66	33.55	5.69	423.28
Last 5	09:25:33	1200.01	19.61	6.38	117.56	2.18	33.55	5.66	510.89
Last 5	09:30:33	1500.01	19.84	6.38	116.63	1.61	33.55	5.59	585.91
Last 5									
Variance 0			-0.33	-0.01	0.11			-0.32	200.37
Variance 1			0.11	0.01	-0.15			-0.03	87.61
Variance 2			0.23	0.00	-0.93			-0.07	75.01

Notes

Sampled GWA-16 at 0930. FB-1 taken here

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-02 10:41:38

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 364455
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 42 ft

Pump placement from TOC 42 ft

Well Information:

Well ID GWA-17
Well diameter 2 in
Well Total Depth 46.76 ft
Screen Length 10 ft
Depth to Water 31.59 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.4024638 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1.92 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	10:24:14	300.04	22.04	6.02	81.94	3.96	31.75	6.70	830.26
Last 5	10:29:14	600.02	21.84	6.02	81.30	2.91	31.75	6.55	876.26
Last 5	10:34:14	900.02	21.95	6.02	81.49	2.14	31.75	6.43	902.55
Last 5	10:39:14	1200.01	22.06	6.03	82.31	2.07	31.75	6.34	924.79
Last 5									
Variance 0			-0.20	-0.01	-0.63			-0.15	46.00
Variance 1			0.11	0.00	0.19			-0.12	26.29
Variance 2			0.11	0.01	0.82			-0.09	22.24

Notes

Sampled GWA-17 at 1040

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-02 12:12:41

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 364455
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 66 ft

Pump placement from TOC 66 ft

Well Information:

Well ID GWC-18
Well diameter 2 in
Well Total Depth 71.25 ft
Screen Length 10 ft
Depth to Water 34.3 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.5095859 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 6.48 in
Total Volume Pumped 3.75 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	11:49:59	300.04	26.67	6.47	112.73	4.79	34.69	6.02	753.78
Last 5	11:54:59	600.02	22.47	6.40	116.51	1.73	34.75	6.26	884.08
Last 5	11:59:59	900.02	21.80	6.39	116.66	3.18	34.80	6.18	903.28
Last 5	12:04:59	1200.01	21.76	6.38	116.38	1.77	34.83	6.07	867.60
Last 5	12:09:59	1500.01	21.56	6.38	115.63	2.47	34.84	6.02	830.33
Variance 0			-0.67	-0.01	0.15			-0.08	19.20
Variance 1			-0.04	-0.01	-0.28			-0.10	-35.68
Variance 2			-0.20	0.00	-0.75			-0.05	-37.27

Notes

Sampled GWC-18 at 1210

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-02 13:33:14

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 364455
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 58 ft

Pump placement from TOC 58 ft

Well Information:

Well ID GWC-19
Well diameter 2 in
Well Total Depth 62.75 ft
Screen Length 10 ft
Depth to Water 33.65 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.4738785 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 11.4 in
Total Volume Pumped 3.75 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	13:11:31	300.09	27.32	6.53	123.93	3.03	34.22	6.56	457.92
Last 5	13:16:31	600.03	22.79	6.43	130.05	1.70	34.45	6.35	444.27
Last 5	13:21:31	900.02	22.15	6.42	129.58	1.54	34.58	6.28	386.61
Last 5	13:26:31	1200.02	22.28	6.41	129.68	0.98	34.59	6.22	347.63
Last 5	13:31:33	1502.01	21.64	6.41	128.31	0.68	34.60	6.25	330.93
Variance 0			-0.64	-0.01	-0.47			-0.07	-57.66
Variance 1			0.13	-0.01	0.10			-0.06	-38.99
Variance 2			-0.65	0.00	-1.37			0.03	-16.70

Notes

Sampled GWC-19 at 1330

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-03 09:32:49

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 364455
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 68 ft

Pump placement from TOC 68 ft

Well Information:

Well ID GWC-20
Well diameter 2 in
Well Total Depth 72.7 ft
Screen Length 10 ft
Depth to Water 40.43 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.5185128 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 2.28 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	09:15:01	300.09	21.14	6.53	141.32	5.01	40.60	6.77	274.74
Last 5	09:20:01	600.03	20.37	6.49	140.00	4.52	40.62	6.79	285.63
Last 5	09:25:01	900.02	20.69	6.48	138.47	4.15	40.62	6.81	289.97
Last 5	09:30:02	1201.01	20.65	6.48	137.76	4.07	40.62	6.84	288.76
Last 5									
Variance 0			-0.77	-0.04	-1.32			0.02	10.89
Variance 1			0.32	-0.01	-1.53			0.02	4.34
Variance 2			-0.04	-0.00	-0.71			0.03	-1.21

Notes

Sampled GWC-20 at 0930

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-03 14:11:41

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 364455
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 15 ft

Pump placement from TOC 15 ft

Well Information:

Well ID GWA-21
Well diameter 2 in
Well Total Depth 20.60 ft
Screen Length 10 ft
Depth to Water 6.43 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.1569514 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3.36 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	13:54:35	300.04	27.99	5.76	113.58	1.84	6.68	1.47	127.60
Last 5	13:59:35	600.03	24.69	5.76	119.63	0.66	6.70	0.86	149.53
Last 5	14:04:35	900.02	23.59	5.77	119.85	1.31	6.71	0.74	169.24
Last 5	14:09:36	1201.01	23.37	5.78	118.64	0.71	6.71	0.76	191.34
Last 5									
Variance 0			-3.30	0.00	6.05			-0.61	21.93
Variance 1			-1.10	0.00	0.22			-0.11	19.71
Variance 2			-0.22	0.01	-1.21			0.02	22.10

Notes

Sampled GWA-21 at 1410

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-03 13:07:25

Project Information:

Operator Name K. Minkara
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 364455
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 38 ft

Pump placement from TOC 38 ft

Well Information:

Well ID GWA-22
Well diameter 2 in
Well Total Depth 42.5 ft
Screen Length 10 ft
Depth to Water 26.08 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.2596101 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 4.56 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	12:50:19	300.04	26.35	5.88	77.05	2.44	26.46	4.40	228.91
Last 5	12:55:19	600.02	22.96	5.83	81.50	1.20	26.46	4.45	226.86
Last 5	13:00:19	900.02	21.89	5.83	81.62	0.92	26.46	4.50	224.14
Last 5	13:05:19	1200.01	21.59	5.83	82.02	0.95	26.46	4.49	223.15
Last 5									
Variance 0			-3.39	-0.05	4.45			0.05	-2.05
Variance 1			-1.07	-0.01	0.13			0.04	-2.73
Variance 2			-0.30	-0.00	0.40			-0.01	-0.99

Notes

Sampled GWA-22 at 1305

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-03 10:25:29

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 31 ft

Pump placement from TOC 31 ft

Well Information:

Well ID GWA-45
Well diameter 2 in
Well Total Depth 36.0 ft
Screen Length 10 ft
Depth to Water 17.90 ft

Pumping Information:

Final Pumping Rate 160 mL/min
Total System Volume 0.2283661 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 7.8 in
Total Volume Pumped 3.2 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	10:07:27	300.03	21.46	6.03	435.11	2.83	18.54	0.40	73.22
Last 5	10:12:27	600.03	21.28	6.03	436.40	2.34	18.55	0.27	75.73
Last 5	10:17:27	900.03	21.12	6.03	435.07	2.43	18.55	0.22	77.50
Last 5	10:22:27	1200.02	21.09	6.03	434.15	1.19	18.55	0.20	78.54
Last 5									
Variance 0			-0.18	-0.00	1.29			-0.13	2.51
Variance 1			-0.17	0.00	-1.33			-0.05	1.77
Variance 2			-0.02	0.00	-0.91			-0.02	1.04

Notes

Started purging GWA-45 at 1002
Stopped purging and began sampling at 1025

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-04 10:43:45

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613229
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 42 ft

Pump placement from TOC 42 ft

Well Information:

Well ID GWA-46
Well diameter 2 in
Well Total Depth 47.0 ft
Screen Length 10 ft
Depth to Water 32.97 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.4024638 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	10:21:47	300.02	21.05	5.88	74.85	3.88	33.25	3.06	87.84
Last 5	10:26:47	600.02	20.95	5.87	74.17	2.48	33.24	2.72	82.16
Last 5	10:31:47	900.02	21.05	5.86	73.55	3.71	33.23	2.62	81.90
Last 5	10:36:47	1200.19	21.24	5.86	73.76	1.83	33.23	2.55	82.47
Last 5	10:41:47	1500.19	21.60	5.86	73.84	2.26	33.23	2.50	83.55
Variance 0			0.11	-0.01	-0.62			-0.10	-0.26
Variance 1			0.18	0.00	0.21			-0.07	0.56
Variance 2			0.36	0.00	0.08			-0.04	1.08

Notes

Sampled at 1045

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-05 09:38:51

Project Information:

Operator Name B. Hodges
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613229
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type SamplePro
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 51 ft

Pump placement from TOC 51 ft

Well Information:

Well ID GWA-47
Well diameter 2 in
Well Total Depth 56.55 ft
Screen Length 10 ft
Depth to Water 40.60 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.4426346 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 12 in
Total Volume Pumped 8.4 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	09:16:47	3300.14	21.73	6.47	126.40	8.88	41.59	3.94	68.73
Last 5	09:21:47	3600.11	22.31	6.46	126.28	7.68	41.59	4.43	70.92
Last 5	09:26:47	3900.08	20.33	6.46	120.99	5.91	41.59	3.91	66.53
Last 5	09:31:47	4200.08	19.99	6.46	121.70	5.07	41.59	3.82	65.58
Last 5	09:36:47	4499.98	19.99	6.47	122.67	4.83	41.59	3.76	65.35
Variance 0			-1.98	-0.01	-5.29			-0.52	-4.39
Variance 1			-0.34	0.00	0.71			-0.09	-0.95
Variance 2			-0.00	0.01	0.97			-0.07	-0.23

Notes

Sampled at 0940

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-03 13:01:53

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type QED Well Wizard
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 69 ft

Pump placement from TOC 69 ft

Well Information:

Well ID GWA-48
Well diameter 2 in
Well Total Depth 73.92 ft
Screen Length 10 ft
Depth to Water 38.5 ft

Pumping Information:

Final Pumping Rate 100 mL/min
Total System Volume 0.7929762 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 17.4 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	12:38:18	600.03	26.88	6.73	142.78	0.34	39.61	4.51	91.14
Last 5	12:43:18	900.02	25.15	6.79	142.00	0.05	39.73	4.75	90.41
Last 5	12:48:18	1200.02	24.38	6.81	142.33	0.25	39.84	4.85	88.16
Last 5	12:53:18	1500.04	24.01	6.81	139.88	0.47	39.92	4.87	87.33
Last 5	12:58:18	1800.02	22.85	6.81	140.24	0.06	39.95	4.85	82.65
Variance 0			-0.77	0.02	0.34			0.10	-2.25
Variance 1			-0.37	0.00	-2.45			0.02	-0.83
Variance 2			-1.16	-0.00	0.36			-0.02	-4.68

Notes

Started purging GWA-48 at 1428
Stopped purging and began sampling at 1300

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-03 14:10:58

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 36 ft

Pump placement from TOC 36 ft

Well Information:

Well ID GWA-49
Well diameter 2 in
Well Total Depth 41.0 ft
Screen Length 10 ft
Depth to Water 13.63 ft

Pumping Information:

Final Pumping Rate 160 mL/min
Total System Volume 0.2506832 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 8.04 in
Total Volume Pumped 3.2 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	13:53:39	300.03	23.38	6.93	158.91	0.66	14.27	6.82	68.67
Last 5	13:58:39	600.03	22.99	6.93	159.12	0.27	14.30	6.79	67.95
Last 5	14:03:39	900.02	21.84	6.93	159.40	0.37	14.30	6.93	69.42
Last 5	14:08:39	1200.02	21.76	6.93	159.67	0.51	14.30	6.92	69.54
Last 5									
Variance 0			-0.40	-0.00	0.21			-0.04	-0.73
Variance 1			-1.15	0.00	0.28			0.14	1.47
Variance 2			-0.08	0.00	0.26			-0.01	0.12

Notes

Started purging GWA-49 at 1348
Stopped purging and began sampling at 1410

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-04 09:15:24

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 22 ft

Pump placement from TOC 22 ft

Well Information:

Well ID GWC-29
Well diameter 2 in
Well Total Depth 27.0 ft
Screen Length 10 ft
Depth to Water 5.68 ft

Pumping Information:

Final Pumping Rate 160 mL/min
Total System Volume 0.1881953 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 2.04 in
Total Volume Pumped 3.2 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	08:57:34	300.03	21.38	5.85	144.58	0.58	5.83	0.24	176.00
Last 5	09:02:34	600.03	21.29	5.84	143.30	0.35	5.85	0.21	216.19
Last 5	09:07:34	900.03	21.28	5.84	142.10	0.08	5.85	0.20	237.54
Last 5	09:12:34	1200.02	21.23	5.83	140.93	0.00	5.85	0.18	255.69
Last 5									
Variance 0			-0.09	-0.00	-1.28			-0.03	40.19
Variance 1			-0.00	-0.00	-1.20			-0.01	21.35
Variance 2			-0.05	-0.01	-1.17			-0.02	18.16

Notes

Started purging GWC-29 at 0852
Stopped purging and began sampling at 0915

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-04 15:05:58

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 31 ft

Pump placement from TOC 31 ft

Well Information:

Well ID GWC-50
Well diameter 2 in
Well Total Depth 36.30 ft
Screen Length 10 ft
Depth to Water 9.30 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.2283661 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 7.2 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	14:55:01	300.03	22.71	5.84	85.59	0.23	9.90	0.50	54.58
Last 5	15:00:01	600.03	22.73	5.84	84.41	0.12	9.90	0.56	55.80
Last 5	15:05:01	900.03	21.76	5.85	84.98	0.11	9.90	0.62	59.37
Last 5									
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			0.02	0.00	-1.18			0.05	1.22
Variance 2			-0.97	0.01	0.57			0.07	3.58

Notes

Started purging GWC-50 at 1450
Stopped purging and began sampling at 1505

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-04 10:23:22

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 22 ft

Pump placement from TOC 22 ft

Well Information:

Well ID GWC-51
Well diameter 2 in
Well Total Depth 26.8 ft
Screen Length 10 ft
Depth to Water 8.85 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.1881953 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3.96 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	10:11:06	300.03	20.62	5.90	99.83	2.76	9.18	0.26	77.68
Last 5	10:16:06	600.03	20.48	5.87	98.53	1.42	9.18	0.19	83.52
Last 5	10:21:06	900.03	20.57	5.85	97.46	1.63	9.18	0.17	96.03
Last 5									
Variance 0			nan	nan	nan			nan	nan
Variance 1			-0.13	-0.03	-1.30			-0.06	5.84
Variance 2			0.09	-0.02	-1.07			-0.03	12.52

Notes

Started purging GWC-51 at 1006
Stopped purging and began sampling at 1025

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-04 12:49:40

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 28 ft

Pump placement from TOC 28 ft

Well Information:

Well ID GWC-52
Well diameter 2 in
Well Total Depth 32.8 ft
Screen Length 10 ft
Depth to Water 9.20 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.2149758 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3 in
Total Volume Pumped 4 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	12:31:51	300.03	22.00	6.67	192.20	0.32	9.45	0.40	55.81
Last 5	12:36:51	600.03	21.83	6.67	190.73	0.08	9.45	0.25	55.42
Last 5	12:41:51	900.03	21.67	6.67	189.57	0.16	9.45	0.19	56.17
Last 5	12:46:51	1200.02	21.55	6.67	190.37	0.08	9.45	0.21	56.78
Last 5									
Variance 0			-0.17	-0.01	-1.47			-0.15	-0.39
Variance 1			-0.16	0.00	-1.16			-0.06	0.75
Variance 2			-0.12	-0.00	0.80			0.02	0.61

Notes

Started purging GWC-52 at 1226
Stopped purging and began sampling at 1250

Grab Samples

Product Name: Low-Flow System

Date: 2018-10-04 13:58:43

Project Information:

Operator Name D. Thomas
Company Name Golder Associates
Project Name 166254018
Site Name Plant Scherer
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 613179
Turbidity Make/Model LaMotte 2020we

Pump Information:

Pump Model/Type Alexis
Tubing Type polyethylene
Tubing Diameter .170 in
Tubing Length 28 ft

Pump placement from TOC 28 ft

Well Information:

Well ID GWC-53
Well diameter 2 in
Well Total Depth 32.8 ft
Screen Length 10 ft
Depth to Water 11.65 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.2149758 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 4.8 in
Total Volume Pumped 3 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 0.5	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	13:38:53	300.03	21.59	5.64	453.62	1.37	12.05	0.24	70.22
Last 5	13:43:53	600.03	21.12	5.62	455.89	0.80	12.05	0.18	72.43
Last 5	13:48:53	900.03	20.95	5.58	462.09	0.14	12.05	0.17	74.72
Last 5	13:53:53	1200.02	20.78	5.56	465.28	0.13	12.05	0.16	77.04
Last 5									
Variance 0			-0.47	-0.03	2.27			-0.05	2.22
Variance 1			-0.18	-0.03	6.21			-0.01	2.29
Variance 2			-0.17	-0.03	3.19			-0.01	2.32

Notes

Started purging GWC-53 at 1333
Stopped purging and began sampling at 1355

Grab Samples

APPENDIX B

Alternate Source Demonstration



REPORT

ALTERNATE SOURCE DEMONSTRATION

GEORGIA POWER COMPANY PLANT SCHERER - Cell 1 and PAC Ash Cell

Submitted to:

Southern Company Services

Submitted by:

Golder Associates Inc.

3730 Chamblee Tucker Road, Atlanta, Georgia, USA 30341

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Distribution:

GPC Plant Scherer

Tyler J. Boyles, Georgia Power Company (Electronic Only)

Joju Abraham, Southern Company Services (Electronic Only)

1662350.18

April 15, 2018

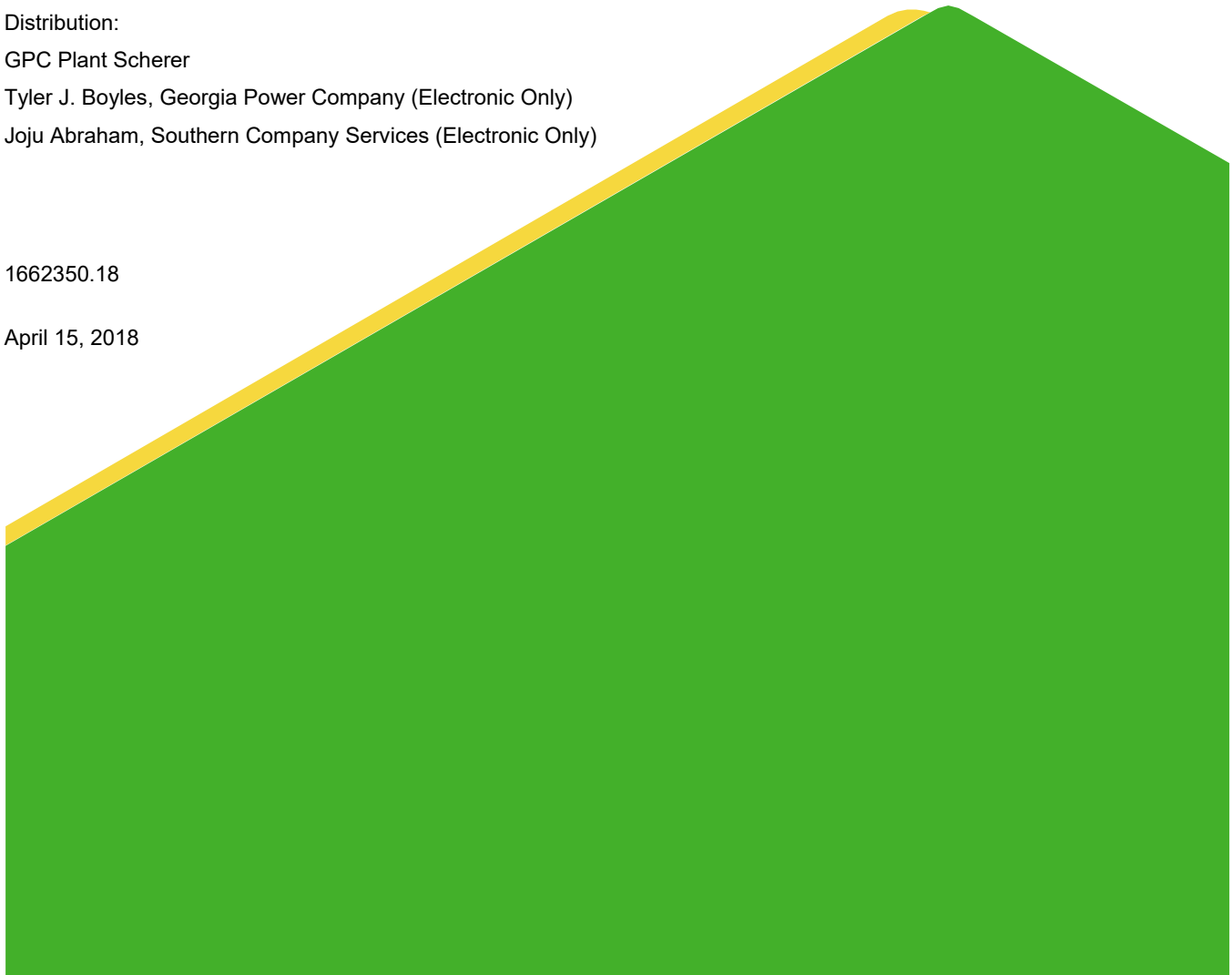


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APPENDIX A

TREND ANALYSES & TIME SERIES PLOTS

APPENDIX B

INTRA-WELL STATISTICAL ANALYSES

Certification

This Alternate Source Demonstration, Georgia Power Company-Plant Scherer Cell 1 and PAC Ash Cell, Monroe County, Georgia, USA has been prepared to comply with the United States Environmental Protection Agency (EPA) coal combustion residual (CCR) rule (40 Code of Federal Regulations [CFR] 257 Subpart D; published in 80 FR 21302-21501, April 17, 2015) under the direction of a licensed professional engineer with Golder Associates Inc.

I hereby verify that the facts used to prepare this Alternate Source Demonstration for the Georgia Power Company-Plant Scherer Cell 1 and PAC Ash Cell in Monroe County, Georgia, located at 10986 Georgia 87, Juliette, Georgia 31046 are accurate pursuant to the requirements of 40 CFR §257.94(e)(2).

Golder Associates Inc.



Geraldine S. Monroy, P.E.
Georgia Professional Engineer No. 26316

dlp/rpk/gsm

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[https://golderassociates.sharepoint.com/sites/24912g/project files/200 reports/april 2018 asd/april 2018 ccr rule asd/final/plant scherer ccr rule asd cell 1 and pac_4.15.2018_final.docx](https://golderassociates.sharepoint.com/sites/24912g/project%20files/200%20reports/april%202018%20asd/april%202018%20ccr%20rule%20asd/final/plant%20scherer%20ccr%20rule%20asd%20cell%201%20and%20pac_4.15.2018_final.docx)

1.0 INTRODUCTION

This alternate source demonstration (ASD) report has been prepared by Golder Associates Inc. (Golder) in accordance with the United States Environmental Protection Agency (EPA) coal combustion residual (CCR) rule (40 Code of Federal Regulations [CFR] 257 Subpart D; published in 80 FR 21302-21501, April 17, 2015) to address the statistically significant increases (SSIs) over background as presented in the *2017 Annual Groundwater Monitoring and Corrective Action Report, Georgia Power Company Plant Scherer Cell 1 and PAC Ash Cell*, prepared by Golder Associates Inc., dated January 31, 2018.

This document satisfies the requirements of §257.94(e)(2) which allows the owner or operator to demonstrate that a source other than the CCR Unit has caused an SSI and that the apparent SSI was the result of an alternate source or resulted from errors in “sampling, analysis, statistical evaluation, or natural variation in groundwater quality”. The following sections address the apparent SSIs as described in the 2017 Annual Groundwater Monitoring and Corrective Action Report for Cell 1 and PAC Ash Cell.

2.0 SITE DESCRIPTION AND BACKGROUND

Plant Scherer is located in northeast Monroe County, Georgia, and is operated by the Georgia Power Company (GPC). The Plant is situated approximately 5 miles south of Juliette, GA and is surrounded primarily by agricultural and residential land use. Figure 1, Site Location Map, depicts the location of Plant Scherer relative to the surrounding area.

The Plant Scherer Landfill consists of two active cells (Cell 1 and PAC Ash Cell) and future undeveloped cells (Cells 2 and 3). The two active cells have been utilized since 2011 for disposal of CCR. The total disposal area occupies approximately 325 acres along the northern portion of the property. Figure 2, Site Plan and Monitoring Well Location Map, depicts the general configuration of the landfill units and site monitoring wells.

Observed groundwater flow direction is generally to the southeast. Figure 3, Potentiometric Surface Contour Map - Cell 1 and PAC Ash Cell (October 2017) shows the potentiometric surface elevation contours across the Cell 1 and PAC Ash Cells.

3.0 EVALUATION OF ANALYTICAL RESULTS & STATISTICAL ANALYSES

As presented in the 2017 Annual Groundwater Monitoring & Corrective Action Report, analytical results show that concentrations of target constituents are below the established prediction limits in groundwater samples collected during the October 2017 sampling event with exceptions noted in the report. Apparent statistical exceedances for boron, calcium, chloride, pH, sulfate, and total dissolved solids were noted for select monitoring wells at Cell 1 and apparent SSIs of calcium, pH, and sulfate were noted for samples from select PAC Ash wells.

3.1 Statistical Analysis Method

As presented in the 2017 Annual Groundwater Monitoring and Corrective Action Report, the statistical evaluation method for analyzing groundwater quality data included a combination of both inter-well and intra-well prediction limits. During preparation of the alternate source demonstration, the statistical analysis method was further evaluated. The statistical method was revised to accommodate the site-wide variability of groundwater chemistry, construction of the landfill units with a double-composite liner system, and a lack of increasing trends in groundwater quality during background monitoring period. Trend plots for groundwater quality data at Cell 1 and PAC Ash Cell are presented in Appendix A, Trend Analyses & Time Series Plots. Review of trend plots show that

no increasing trends are noted and that variability in groundwater chemistry is present across the site. These factors validate using an intra-well statistical approach for detection monitoring wells and parameters at Cell 1 and PAC Ash, except for GWC-5 as explained below in Section 4.1.

Following this revised statistical evaluation method (intra-well), the following parameters no longer exhibit an SSI above background; therefore, an alternate source demonstration is not warranted and therefore has not been further addressed in the ASD. As provided for in §257.94(e)(2), we are presenting an error in statistical evaluation as the source of the following previously identified SSIs.

- Boron at wells GWC-8A and GWC-9
- Chloride at wells GWC-4, and GWC-8A
- Sulfate at wells GWC-4, GWC-6, GWC-8A, GWC-9, and GWC-10

3.2 Statistically Significant Increases

Statistical analyses were performed on data presented in the 2017 annual report following the revised intra-well statistical method approach detailed in section 3.1. Results of this analyses is presented in Appendix B, Statistical Analyses. Table 1, Intra-well Prediction Limit Statistically Significant Increase Summary, provides the details of each of the SSIs noted in the 2017 annual report triggered following an intra-well statistical methodology.

Table 1: Intra-Well Prediction Limit Statistically Significant Increase Summary

Well	Parameter	Concentration (mg/L)	Intra-well Prediction Limit
CELL 1			
GWC-4	Calcium ^[1]	15	14.96
	pH	5.90	6.116 - 6.507
GWC-5	Boron	0.47	0.05 ^[3]
	Chloride	67	5.5 ^[3]
	Sulfate	380	1.0 ^[3]
GWC-7	Calcium	16	14
	pH	5.96	6.155 - 6.487
GWC-9	Calcium ^[1]	19	18.99
GWC-10	Calcium ^[1]	19	18.83
GWC-13	Calcium	7.4	6.805
GWC-20	Total Dissolved Solids ^[1]	130	129.9
PAC ASH CELL			
GWA-21 ^[2]	Sulfate	2.5	2.364
GWA-49 ^[2]	Calcium	15	14.2
GWC-52	Calcium	15	13
GWA-21 ^[2]	pH	5.61	5.68 - 5.892

Notes:

mg/L = milligrams per liter

- [1] Each of these exceedances would not result if the limit were rounded to the same number of significant digits as the observed result and is the result of error in statistical evaluation (i.e., rounding error). Because the SSI was triggered in this manner, an ASD is not warranted and has not been presented in this report.
- [2] Each of these wells is upgradient of a lined landfill unit. Groundwater flow directions observed during the October 2017 event are consistent with historical data and confirms the upgradient position of these wells. Because of this, an SSI at these wells cannot be attributed to the Cell 1 and PAC Ash units but rather natural variability in groundwater chemistry or an alternate source. As a result, an ASD for the exceedances at upgradient wells is not warranted and has not been presented in this report.
- [3] Inter-well prediction limits were established for GWC-5. Refer to section 4.1 for discussion.

4.0 ALTERNATE SOURCE DEMONSTRATION

Statistical exceedances for boron, calcium, chloride, pH, and sulfate are noted for samples from select monitoring wells at Cell 1 and an apparent SSI of calcium is noted for samples from a single PAC Ash monitoring well. Additional initial apparent statistical exceedances were noted as presented in Table 1. However, statistical exceedances at upgradient monitoring cannot be attributed to a release from the unit, and therefore an ASD is not warranted and has not been presented herein. Similarly, some exceedances were identified because of a rounding error. If the limit were rounded to the same number of significant digits as the observed result, the exceedance would not have been identified. The following discussion is provided regarding the remaining apparent statistical exceedances in selected monitoring wells at Cell 1 and PAC Ash.

Groundwater monitoring under state permitting requirements at Cell 1 and PAC has been ongoing since 2010. SSIs for state monitoring parameters have previously been identified at GWC-5. As a result, an ASD for previous SSIs has been presented in *Alternate Source Demonstration for Landfill Cell 1 Groundwater Monitoring Network*, dated December 2016, which was submitted to Georgia Environmental Protection Division (GA EPD) on behalf of Plant Scherer. A follow up ASD (*Alternate Source Demonstration First Semi-Annual 2017 Plant Scherer Permit No. 102-009D, Cell 1 and PAC Ash Landfill*, dated August 18, 2017) was also submitted to GA EPD. A summary of that ASD as it relates to the current SSIs of certain Appendix III monitoring parameters is presented in the paragraphs below.

4.1 GWC-5 (Boron, Chloride, Sulfate)

Statistical exceedances of boron, chloride and sulfate were noted at GWC-5. As noted on Table 1, an inter-well prediction limit has been established for GWC-5. Because groundwater quality at this well has been previously affected by a source other than the landfill, intra well analyses is not valid. A more appropriate evaluation of the data is trend analyses (see appendix A). Review of the trend analyses for GWC-5 indicates that considering available data, significant trends were not noted at GWC-5 except for boron.

Previous ASDs (December 2016 and August 2017) submitted for the site concludes that the SSIs noted at GWC-5 are not the result of a release from the disposal unit but rather operational issues associated with the return water pump house and/or the clear pool. Based on information provided by GPC, pipe collars were noted to have been leaking, and repairs to the pipe collars have been made. During September and October 2017, the water level in the clear pond was pumped down to perform a liner inspection. Several small punctures were observed near the gravity drain line. Based on information provided by GPC, appropriate repairs were made to the liner system.

It is our opinion that the statistical exceedances of boron, chloride and sulfate at GWC-5 are not the result of a release from the unit but rather operational issues that have since been repaired. GPC will monitor the occurrence of these parameters following the next scheduled sampling events. We anticipate a decreasing trend in groundwater chemistry results will develop with future monitoring. Based on horizontal groundwater flow velocity in the area (approximately 60 feet per year), it could take multiple sampling events before a downward trend is observed.

4.2 Calcium (GWC-7, GWC-13, GWC-52) and pH (GWC-4, GWC-7)

SSIs of calcium were identified at monitoring wells GWC-7, GWC-13 and GWC-52 and SSIs of pH were identified at monitoring wells GWC-4 and GWC-7. SSIs identified are the result of exceedances of the calculated intra-well prediction limits. Calcium and pH are recent additions to the detection monitoring program following the promulgation of the CCR Rule. Therefore, the background data set used for statistical analyses is limited the minimum of eight data points per well. As required by the CCR Rule, eight baseline samples were collected prior to the October 2017 deadline which were used to calculate the upper prediction limits (UPLs). According to the Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance (USEPA 2009), eight samples is the minimum number of samples recommended to complete statistical tests and future data will be used to enlarge the dataset for UPL calculations.

Review of time series plots (see Appendix A) show that the reported concentrations of calcium and pH at these wells are within the range observed across the site both upgradient and downgradient of the lined units. As such, the apparent SSIs of calcium and pH are the result of natural variability in groundwater chemistry and not the result of a release from the landfill units at Plant Scherer. GPC will continue to monitor the occurrence of calcium and pH at these wells following the next scheduled sampling events.

5.0 CONCLUSIONS

This ASD has been prepared in response to apparent SSIs identified presented in the 2017 Annual Groundwater Monitoring and Corrective Action Report, Georgia Power Plant Scherer, January 31, 2018. In accordance with §257.94(e)(2), this ASD addresses each of the SSIs noted in the 2017 annual report or identified following the revised statistical method for the site.

Review of analytical results and statistical analyses developed for the site indicates that each of the statistical exceedances presented in the January 2018 Annual Report are not the result of a release from the landfill units, but rather the exceedances can be attributed to natural variability in groundwater chemistry or a source other than the lined landfill. The monitoring well network continues to effectively monitor the water bearing unit beneath the Cell 1 and PAC Ash units. Based on the findings presented herein, GPC will continue with detection groundwater monitoring at Cell 1 and PAC Ash Cell.

6.0 REFERENCES

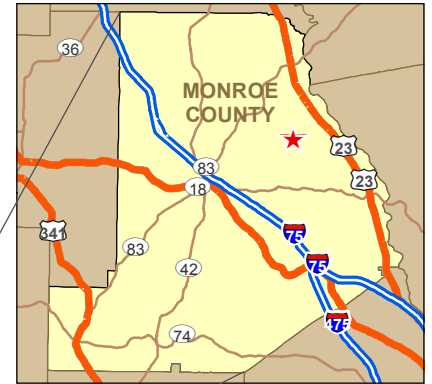
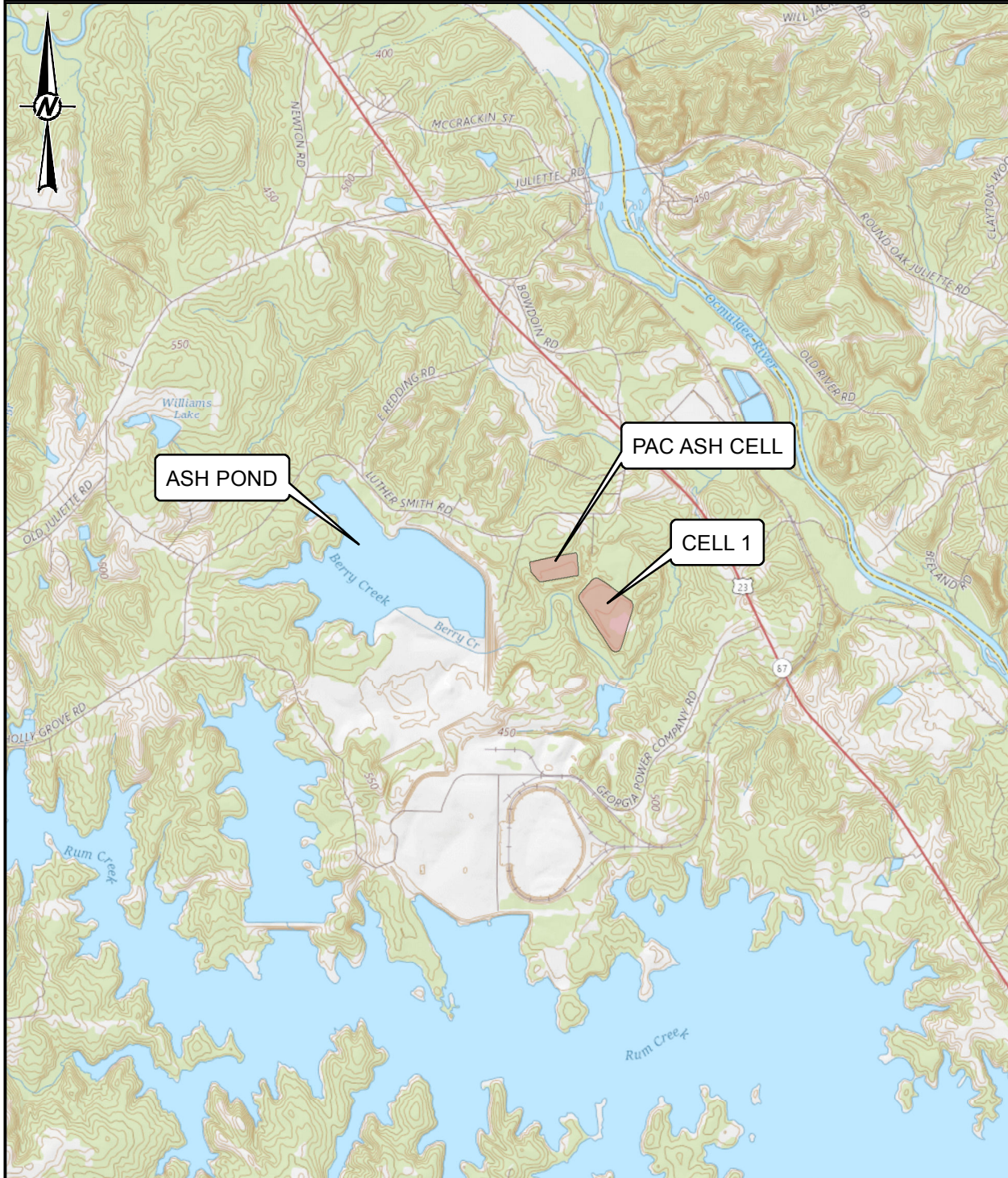
Golder Associates Inc., 2018, 2017 Annual Groundwater Monitoring Report, Plant Scherer Cell 1 and PAC Ash Cell, Georgia Power Company – Monroe County, Georgia, USA.

USEPA. 2009. Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance. Office of Resource Conservation and Recovery – Program Implementation and Information Division. March

USEPA. 2015. Federal Register. Volume 80. No. 74. Friday April 17, 2015. Part II. Environmental Protection Agency. 40 CFR Parts 257 and 261. Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities; Final Rule/ [EPA-HQ-RCRA-2009-0640; FRL-9919-44-OSWER].



FIGURES



Service Layer Credits: USGS The National Map: National Boundaries Dataset, National Elevation Dataset, Geographic Names Information System, National



CLIENT
SOUTHERN COMPANY SERVICES, INC.
PLANT SCHERER



PROJECT
PLANT SCHERER CELL 1 AND PAC ASH CELL
ALTERNATE SOURCE DEMONSTRATION

TITLE
SITE LOCATION MAP

CONSULTANT



YYYY-MM-DD	2018-01-31
PREPARED	DJC
DESIGN	DLP
REVIEW	dlp
APPROVED	rpk

PROJECT No.
1662350

CONTROL
1662350\000-GIS.mxd

Rev.
0

FIGURE
1



- LEGEND**
- PROPERTY BOUNDARY
 - ◆ CELL 1 LANDFILL MONITORING WELL
 - ⊕ PAC ASH LANDFILL MONITORING WELL
 - ⊕ SURFACE WATER SAMPLE LOCATION

NOTES

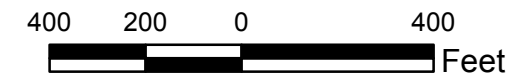
1. ALL LOCATIONS AND BOUNDARIES ARE APPROXIMATE.

REFERENCE

1. SERVICE LAYER CREDITS: ESRI, HERE, DELORME, MAPMYINDIA, © OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
 SOURCE: ESRI, DIGITALGLOBE, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRIID, IGN, AND THE GIS USER COMMUNITY

2. COORDINATE SYSTEM: NAD 1983 STATE PLAN GEORGIA WEST (U.S. FEET).

3. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY SOUTHERN COMPANY SERVICES.



CLIENT
 SOUTHERN COMPANY SERVICES, INC.
 PLANT SCHERER

PROJECT
 PLANT SCHERER CELL 1 AND PAC ASH CELL
 ALTERNATE SOURCE DEMONSTRATION

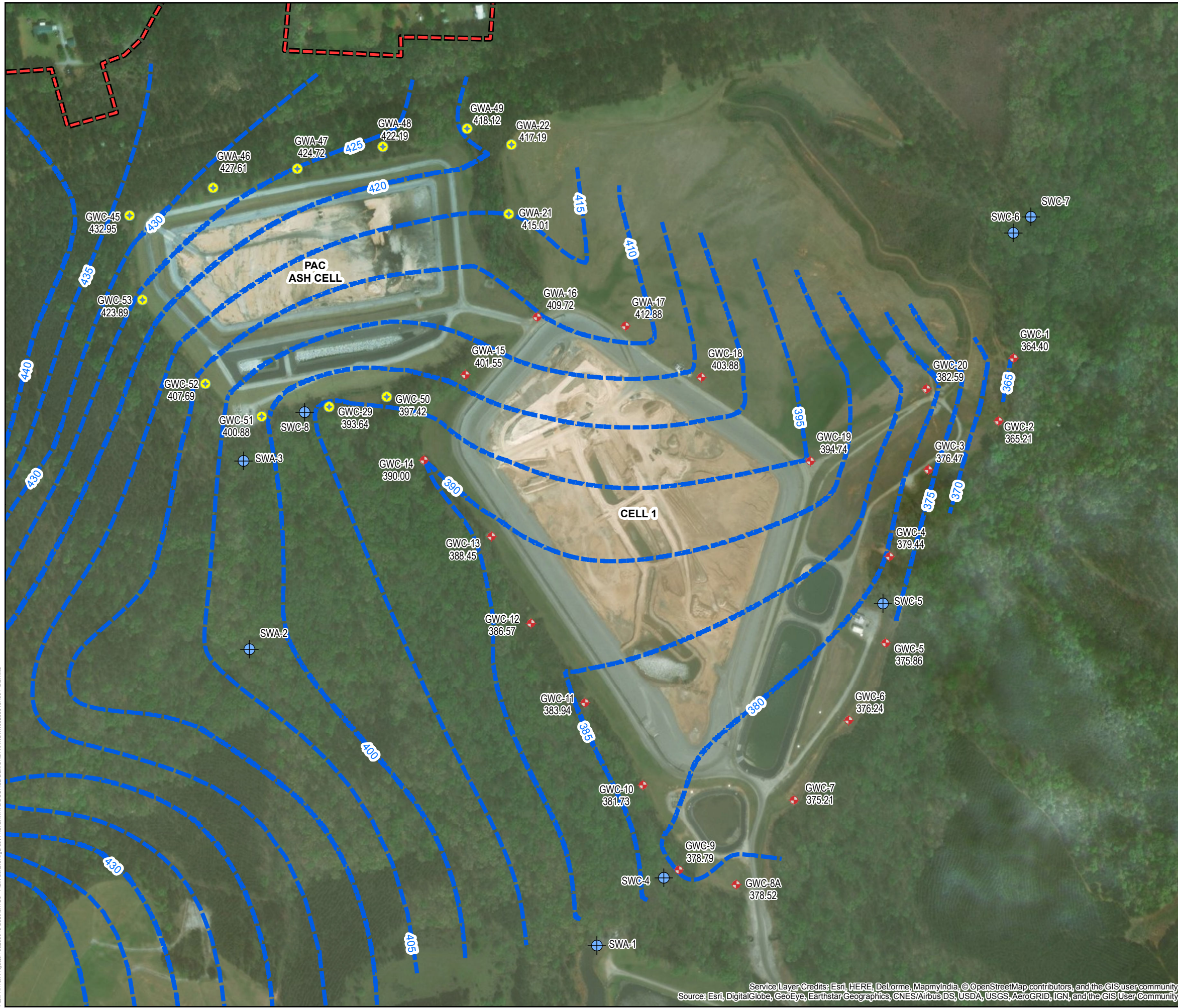
TITLE
 SITE PLAN AND WELL LOCATION MAP

CONSULTANT	YYYY-MM-DD	2016-12-08
	PREPARED	DJC
	DESIGN	DLP
	REVIEW	DLP
	APPROVED	RPK

Path: H:\166k-Projects\1662350-Southern Company Services\fig\map\CONTOUR MAPS\1662350A001-GIS.mxd

Service Layer Credits: Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community
 Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

1in IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET HAS BEEN MODIFIED FROM ANSB



- LEGEND**
- PROPERTY BOUNDARY
 - GROUNDWATER CONTOURS
 - ◆ CELL 1 LANDFILL MONITORING WELL
 - PAC ASH LANDFILL MONITORING WELL
 - ⊕ SURFACE WATER SAMPLE LOCATION

NOTES

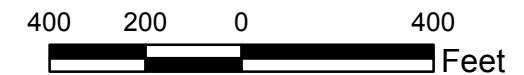
1. ALL LOCATIONS AND BOUNDARIES ARE APPROXIMATE.

REFERENCE

1. SERVICE LAYER CREDITS: ESRI, HERE, DELORME, MAPMYINDIA, © OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
 SOURCE: ESRI, DIGITALGLOBE, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AERGRID, IGN, AND THE GIS USER COMMUNITY

2. COORDINATE SYSTEM: NAD 1983 STATE PLAN GEORGIA WEST (U.S. FEET).

3. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY SOUTHERN COMPANY SERVICES.



CLIENT
 SOUTHERN COMPANY SERVICES, INC.
 PLANT SCHERER

PROJECT
 PLANT SCHERER CELL 1 AND PAC ASH CELL
 ALTERNATE SOURCE DEMONSTRATION

TITLE
**POTENTIOMETRIC SURFACE ELEVATION CONTOUR MAP
 CELL 1 & PAC ASH CELL (OCTOBER 2017)**

CONSULTANT	YYYY-MM-DD	2018-03-08
GOLDER	PREPARED	DJC
	DESIGN	DLP
	REVIEW	DLP
	APPROVED	RPK

PROJECT No. 166235018 CONTROL 166235018A001-GIS.mxd Rev. 0 FIGURE 3

Path: H:\166k-Projects\166235018-Southern Co - Plant Scherer\GIS\ALTERNATE SOURCE DEMONSTRATION\166235018A001-GIS.mxd

Service Layer Credits: Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community
 Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

1 in IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET HAS BEEN MODIFIED FROM ANSB

APPENDIX A

TREND ANALYSES & TIME SERIES PLOTS

TREND ANALYSES & TIME SERIES PLOTS

CELL 1

Trend Test

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 4/12/2018, 12:17 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chloride (mg/L)	GWC-8A	0.6181	6.759	3.143	Yes	8	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-9	-0.1885	-0.8596	2.998	No	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-10	0.149	2.925	2.998	No	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-11	-0.1496	-2.751	2.998	No	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-12	-0.2035	-3.546	-2.998	Yes	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-13	-0.3384	-3.905	-2.998	Yes	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-14	-0.08415	-0.7322	2.998	No	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-18	-0.1544	-3.926	-2.998	Yes	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-19	-0.1819	-4.153	-2.998	Yes	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-20	-0.1486	-2.397	3.143	No	8	0	Yes	no	0.01	Param.
Fluoride (mg/L)	GWA-15 (bg)	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWA-16 (bg)	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWA-17 (bg)	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-1	0.07322	1.689	2.998	No	9	44.44	Yes	no	0.01	Param.
Fluoride (mg/L)	GWC-2	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-3	0	13	25	No	9	77.78	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-4	0.002467	0.1157	2.998	No	9	0	Yes	no	0.01	Param.
Fluoride (mg/L)	GWC-5	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-6	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-7	0	15	25	No	9	77.78	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-8A	-0.00...	-0.1449	3.143	No	8	0	Yes	no	0.01	Param.
Fluoride (mg/L)	GWC-9	0.03749	0.7184	2.998	No	9	66.67	Yes	no	0.01	Param.
Fluoride (mg/L)	GWC-10	0	13	25	No	9	77.78	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-11	0	13	25	No	9	77.78	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-12	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-13	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-14	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-18	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-19	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Fluoride (mg/L)	GWC-20	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
pH (S.U.)	GWA-15 (bg)	-0.05537	-2.66	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWA-16 (bg)	-0.00...	-0.34	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWA-17 (bg)	0.1272	1.124	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-1	-0.0531	-1.299	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-2	-0.02305	-6	-18	No	7	0	n/a	n/a	0.01	NP (N)
pH (S.U.)	GWC-3	-0.01288	-0.4061	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-4	-0.2139	-2.496	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-5	0.04685	1.561	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-6	-0.01274	-0.6453	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-7	-0.2171	-3.5	-2.998	Yes	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-8A	0.4816	3.492	2.764	Yes	12	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-9	0.0158	0.5123	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-10	-0.1323	-1.811	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-11	-0.04225	-2.436	3.143	No	8	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-12	-0.05469	-1.459	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-13	0.00848	0.4305	2.896	No	10	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-14	-0.02788	-0.9877	3.143	No	8	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-18	-0.02044	-0.5564	2.998	No	9	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-19	0.02002	0.8044	3.143	No	8	0	Yes	no	0.01	Param.
pH (S.U.)	GWC-20	0.007171	0.2407	2.998	No	9	0	Yes	no	0.01	Param.

Trend Test

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 4/12/2018, 12:17 PM

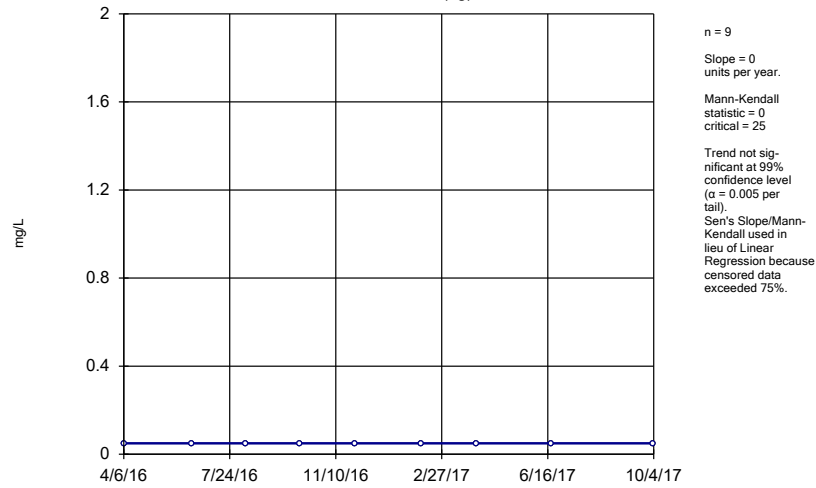
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Boron (mg/L)	GWA-15 (bg)	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWA-16 (bg)	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWA-17 (bg)	0	6	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-1	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-2	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-3	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-4	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-5	0.1211	3.364	3.143	Yes	8	0	Yes	no	0.01	Param.
Boron (mg/L)	GWC-6	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-7	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-8A	0.1058	3.384	3.143	Yes	8	0	Yes	no	0.01	Param.
Boron (mg/L)	GWC-9	0.01215	1.016	2.998	No	9	0	Yes	no	0.01	Param.
Boron (mg/L)	GWC-10	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-11	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-12	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-13	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-14	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-18	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-19	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Boron (mg/L)	GWC-20	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Calcium (mg/L)	GWA-15 (bg)	0.1277	0.2955	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWA-16 (bg)	0.2119	0.2076	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWA-17 (bg)	0.3168	0.4756	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-1	0.3012	0.2602	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-2	0.3343	0.2835	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-3	1.272	2.732	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-4	2.892	4.63	2.998	Yes	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-5	-5.365	-0.2052	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-6	0.4325	0.7092	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-7	1.11	2.082	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-8A	9.594	3.745	3.143	Yes	8	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-9	0.8303	1.339	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-10	2.206	2.565	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-11	0.9878	1.375	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-12	-0.02244	-0.2772	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-13	0.955	3.753	2.998	Yes	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-14	0.458	1.24	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-18	-0.4009	-0.7498	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-19	0.1168	0.154	2.998	No	9	0	Yes	no	0.01	Param.
Calcium (mg/L)	GWC-20	0.3203	0.3714	2.998	No	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWA-15 (bg)	-0.1539	-1.625	2.998	No	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWA-16 (bg)	-0.2891	-3.581	-2.998	Yes	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWA-17 (bg)	-0.2159	-3.538	-2.998	Yes	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-1	-0.1732	-0.8719	2.998	No	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-2	-0.2759	-6.214	-2.998	Yes	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-3	0.3472	7.034	2.998	Yes	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-4	4.232	4.995	2.998	Yes	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-5	-11.55	-0.8179	2.998	No	9	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-6	-1.723	-3.989	-3.143	Yes	8	0	Yes	no	0.01	Param.
Chloride (mg/L)	GWC-7	0	-5	-18	No	7	0	n/a	n/a	0.01	NP (N)

Trend Test

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 4/12/2018, 12:17 PM

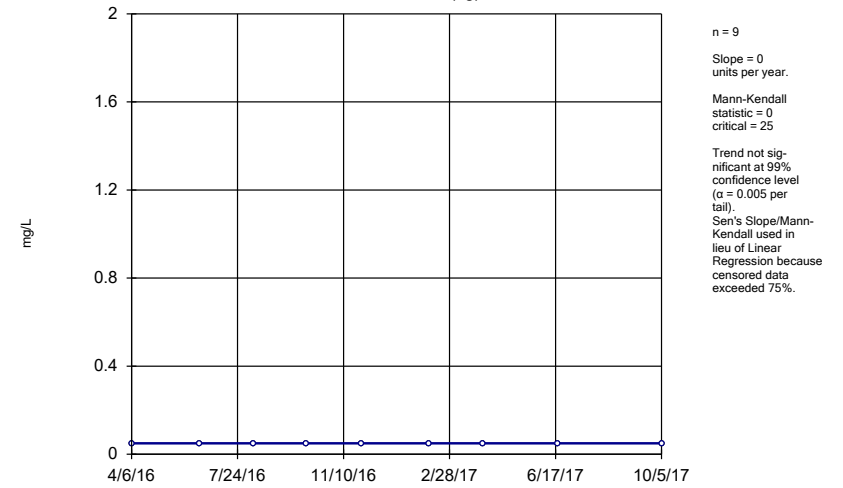
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Sulfate (mg/L)	GWA-15 (bg)	0	7	25	No	9	77.78	n/a	n/a	0.01	NP (NDs)
Sulfate (mg/L)	GWA-16 (bg)	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Sulfate (mg/L)	GWA-17 (bg)	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Sulfate (mg/L)	GWC-1	0.06628	0.6254	2.998	No	9	55.56	Yes	no	0.01	Param.
Sulfate (mg/L)	GWC-2	0	8	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Sulfate (mg/L)	GWC-3	0.314	2.333	2.998	No	9	66.67	Yes	no	0.01	Param.
Sulfate (mg/L)	GWC-4	0.8298	0.9006	2.998	No	9	0	Yes	no	0.01	Param.
Sulfate (mg/L)	GWC-5	-53.2	-0.8003	2.998	No	9	0	Yes	no	0.01	Param.
Sulfate (mg/L)	GWC-6	-1.364	-0.6778	2.998	No	9	0	Yes	no	0.01	Param.
Sulfate (mg/L)	GWC-7	0	6	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Sulfate (mg/L)	GWC-8A	6.447	3.149	3.143	Yes	8	0	Yes	no	0.01	Param.
Sulfate (mg/L)	GWC-9	2.851	1.433	2.998	No	9	0	Yes	no	0.01	Param.
Sulfate (mg/L)	GWC-10	0.3278	2.775	2.998	No	9	33.33	Yes	no	0.01	Param.
Sulfate (mg/L)	GWC-11	0	6	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Sulfate (mg/L)	GWC-12	0	6	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Sulfate (mg/L)	GWC-13	0	13	25	No	9	77.78	n/a	n/a	0.01	NP (NDs)
Sulfate (mg/L)	GWC-14	0	6	25	No	9	88.89	n/a	n/a	0.01	NP (NDs)
Sulfate (mg/L)	GWC-18	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Sulfate (mg/L)	GWC-19	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Sulfate (mg/L)	GWC-20	0	0	25	No	9	100	n/a	n/a	0.01	NP (NDs)
Total Dissolved Solids (mg/L)	GWA-15 (bg)	-1.884	-0.2069	2.998	No	9	11.11	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWA-16 (bg)	1.467	0.07275	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWA-17 (bg)	-17.59	-0.8125	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-1	-11.5	-1.312	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-2	2.709	0.104	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-3	5.49	0.8091	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-4	11.59	1.649	3.143	No	8	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-5	-31.74	-0.2564	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-6	8.308	1.305	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-7	6.173	0.486	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-8A	1.233	2	18	No	7	0	n/a	n/a	0.01	NP (N)
Total Dissolved Solids (mg/L)	GWC-9	4.346	0.2313	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-10	21.86	1.679	3.143	No	8	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-11	-48.38	-0.9703	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-12	0.1734	0.2097	2.998	No	9	44.44	Yes	natura...	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-13	23.47	1.728	3.143	No	8	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-14	11.62	0.7871	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-18	15.42	1.421	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-19	17.51	0.8112	2.998	No	9	0	Yes	no	0.01	Param.
Total Dissolved Solids (mg/L)	GWC-20	13.45	1.159	2.998	No	9	0	Yes	no	0.01	Param.

Sen's Slope Estimator GWA-15 (bg)



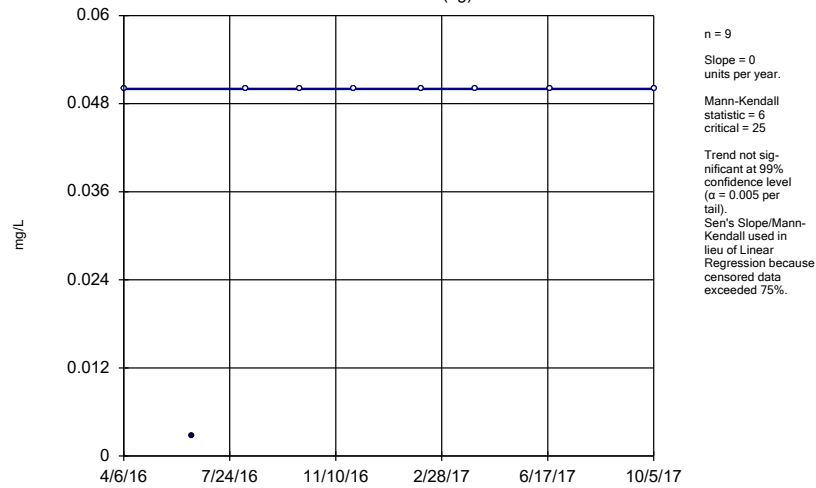
Constituent: Boron Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator GWA-16 (bg)



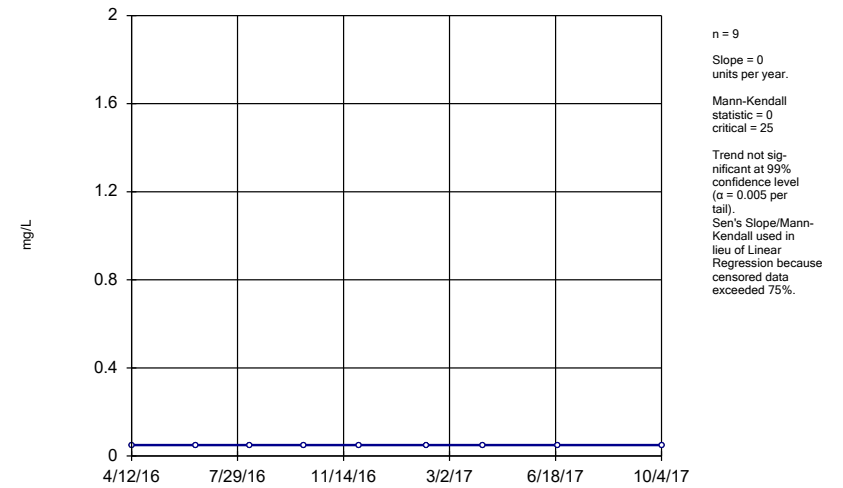
Constituent: Boron Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator GWA-17 (bg)



Constituent: Boron Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

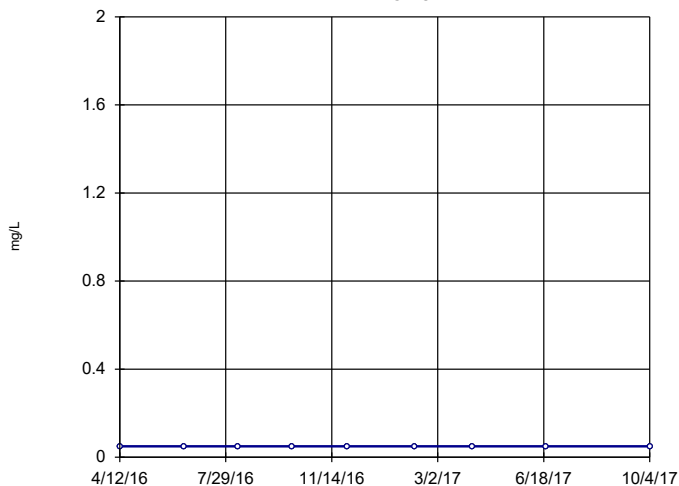
Sen's Slope Estimator GWC-1



Constituent: Boron Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWC-2

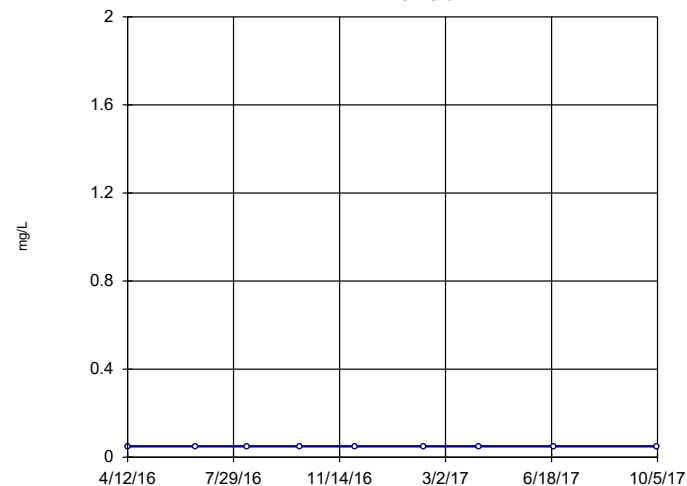


n = 9
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 25
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).
Sen's Slope/Mann-
Kendall used in
lieu of Linear
Regression because
censored data
exceeded 75%.

Constituent: Boron Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWC-3

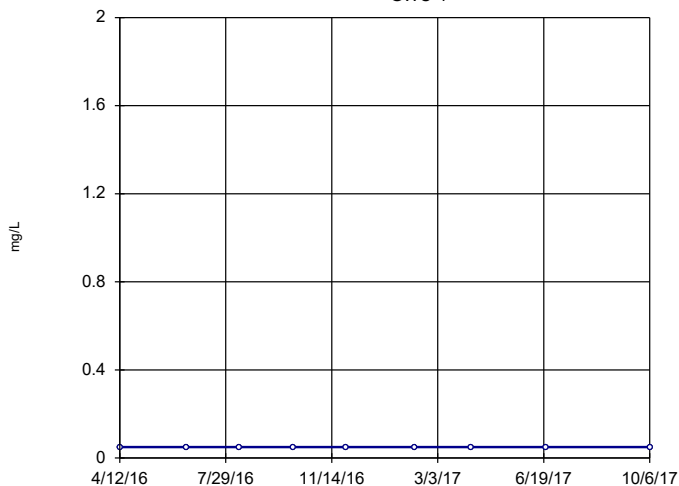


n = 9
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 25
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).
Sen's Slope/Mann-
Kendall used in
lieu of Linear
Regression because
censored data
exceeded 75%.

Constituent: Boron Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWC-4

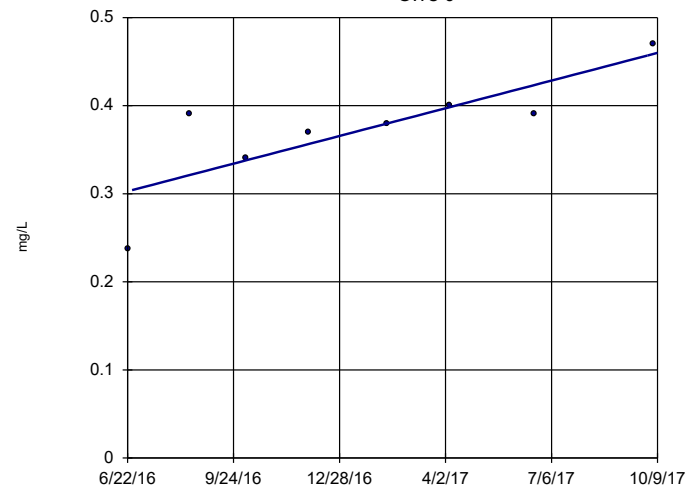


n = 9
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 25
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).
Sen's Slope/Mann-
Kendall used in
lieu of Linear
Regression because
censored data
exceeded 75%.

Constituent: Boron Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

GWC-5

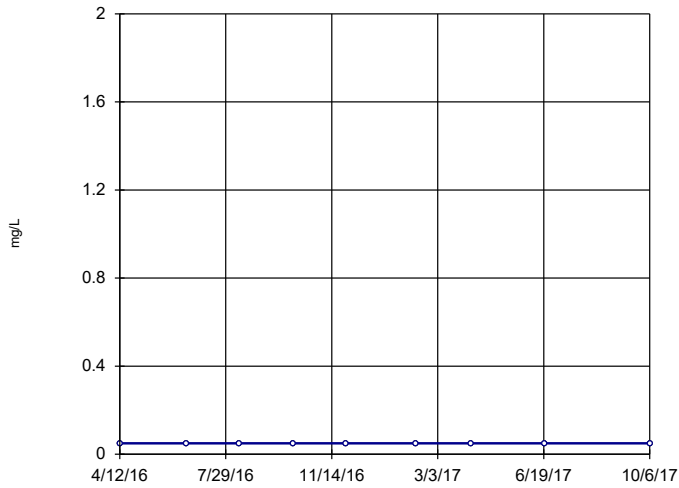


n = 8
Slope = 0.1211
units/year.
alpha = 0.01
t = 3.364
critical = 3.143
Significant increasing trend.
Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.9196, critical
= 0.749.

Constituent: Boron Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWC-6

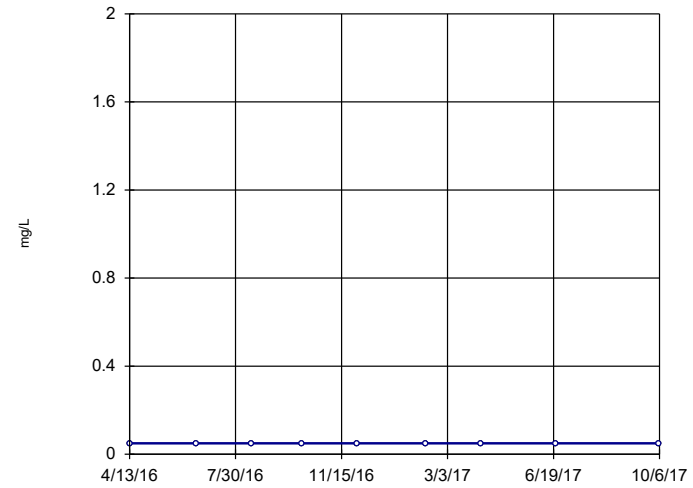


n = 9
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 25
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).
Sen's Slope/Mann-
Kendall used in
lieu of Linear
Regression because
censored data
exceeded 75%.

Constituent: Boron Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWC-7

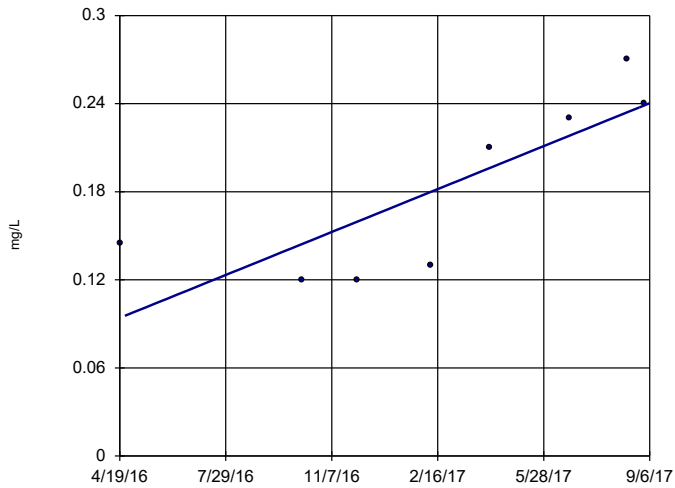


n = 9
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 25
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).
Sen's Slope/Mann-
Kendall used in
lieu of Linear
Regression because
censored data
exceeded 75%.

Constituent: Boron Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

GWC-8A

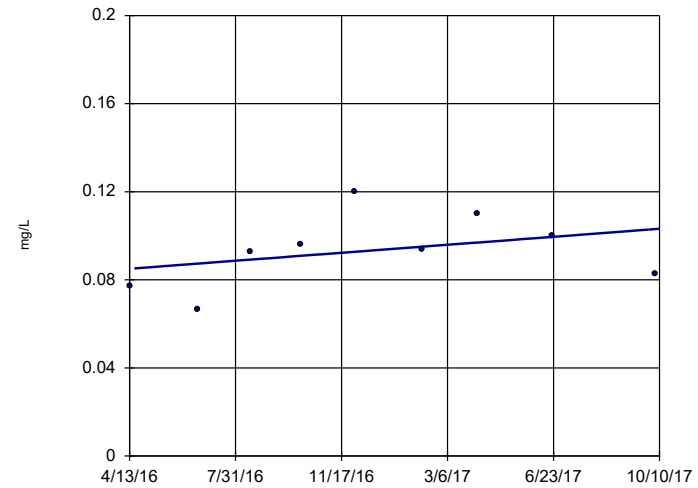


n = 8
Slope = 0.1058
units/year.
alpha = 0.01
t = 3.384
critical = 3.143
Significant increasing trend.
Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.9574, critical
= 0.749.

Constituent: Boron Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

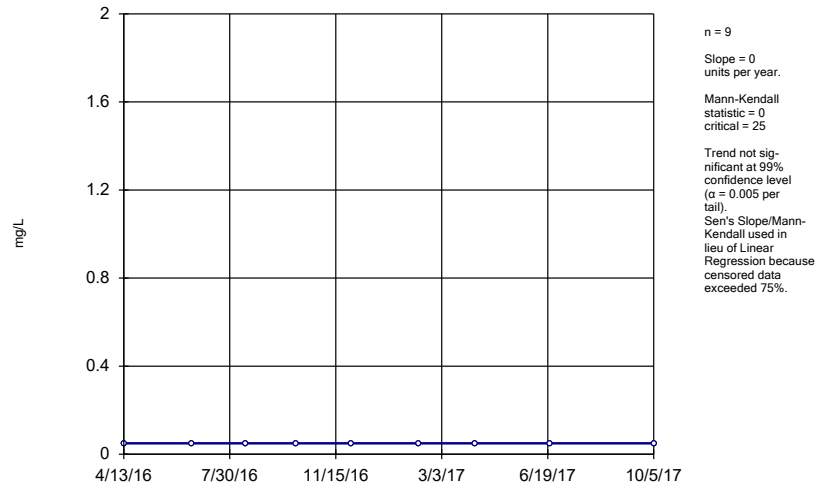
GWC-9



n = 9
Slope = 0.01215
units/year.
alpha = 0.01
t = 1.016
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.9567, critical
= 0.764.

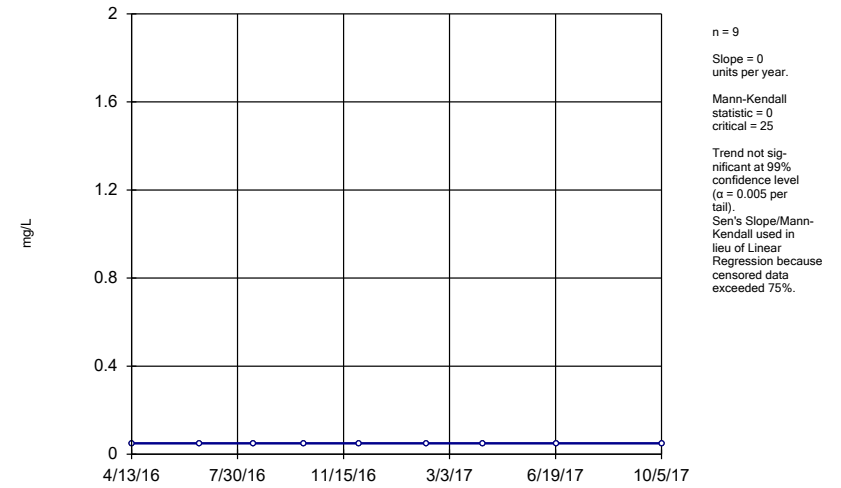
Constituent: Boron Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator GWC-10



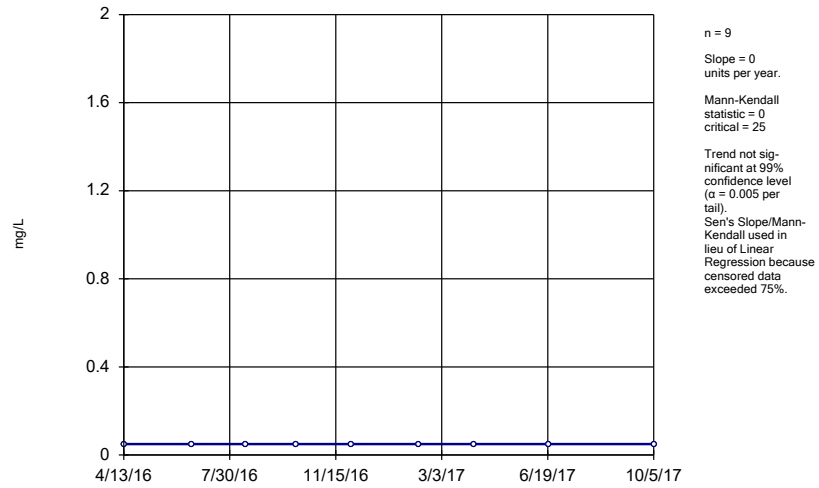
Constituent: Boron Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator GWC-11



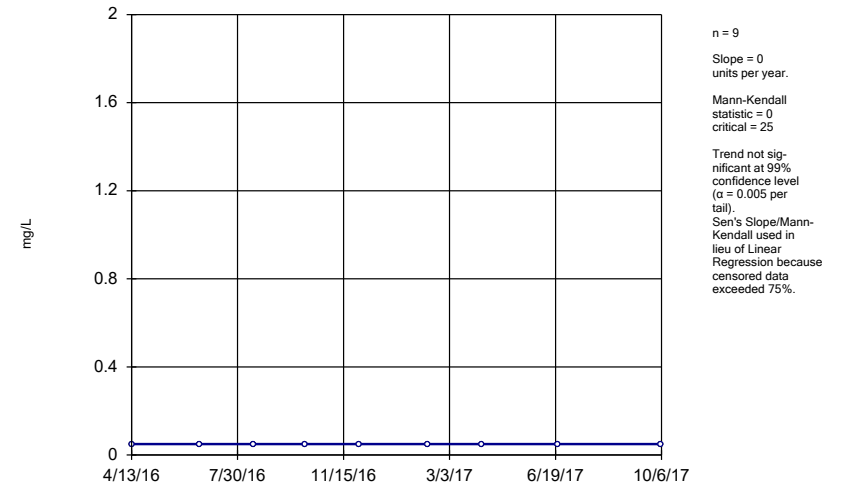
Constituent: Boron Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator GWC-12



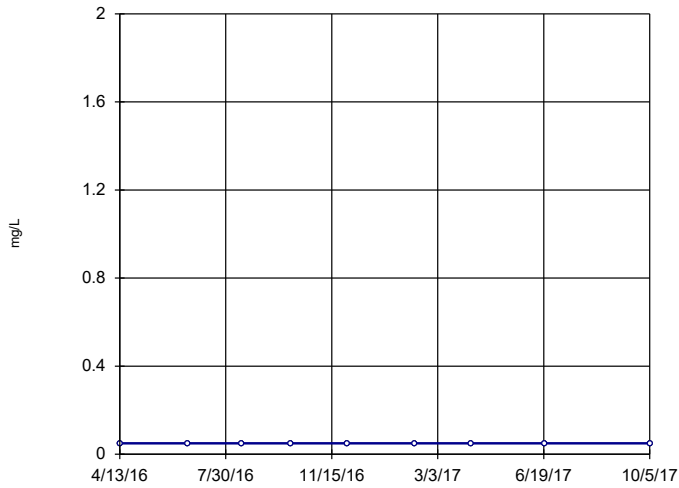
Constituent: Boron Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator GWC-13



Constituent: Boron Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

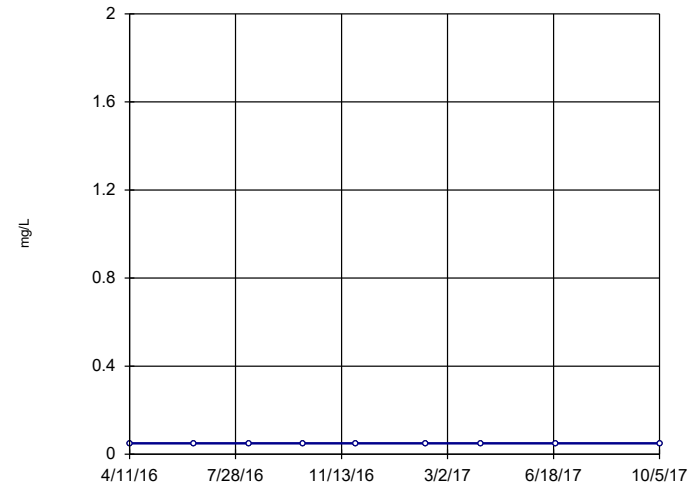
Sen's Slope Estimator GWC-14



n = 9
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 25
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).
Sen's Slope/Mann-
Kendall used in
lieu of Linear
Regression because
censored data
exceeded 75%.

Constituent: Boron Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

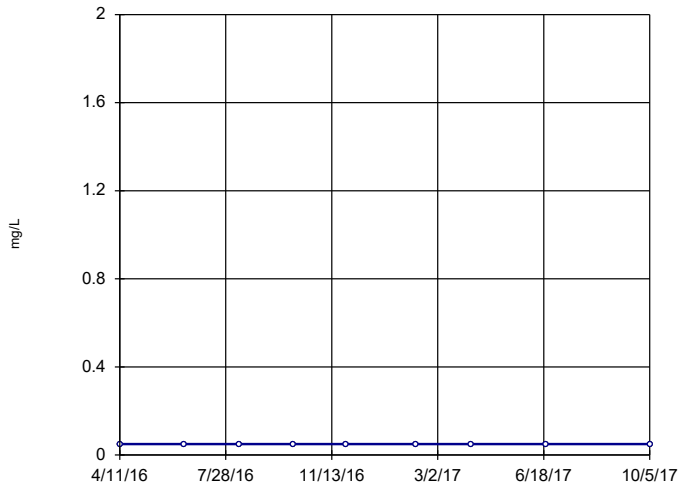
Sen's Slope Estimator GWC-18



n = 9
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 25
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).
Sen's Slope/Mann-
Kendall used in
lieu of Linear
Regression because
censored data
exceeded 75%.

Constituent: Boron Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

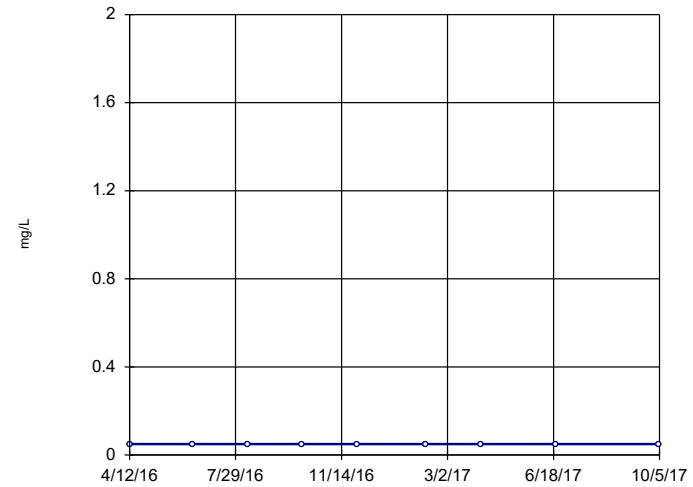
Sen's Slope Estimator GWC-19



n = 9
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 25
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).
Sen's Slope/Mann-
Kendall used in
lieu of Linear
Regression because
censored data
exceeded 75%.

Constituent: Boron Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

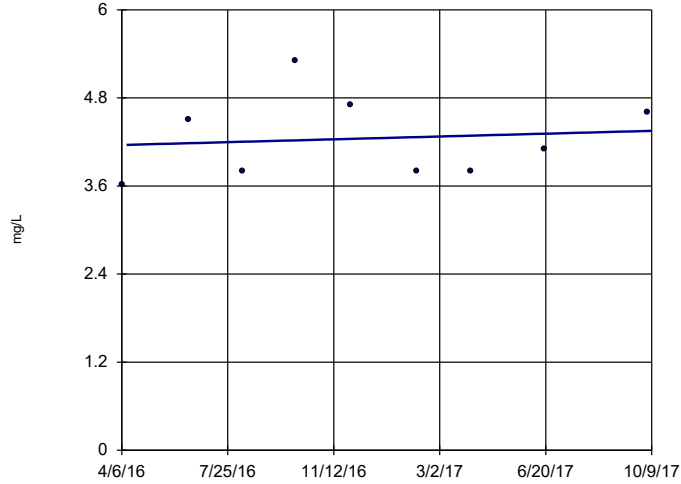
Sen's Slope Estimator GWC-20



n = 9
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 25
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).
Sen's Slope/Mann-
Kendall used in
lieu of Linear
Regression because
censored data
exceeded 75%.

Constituent: Boron Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

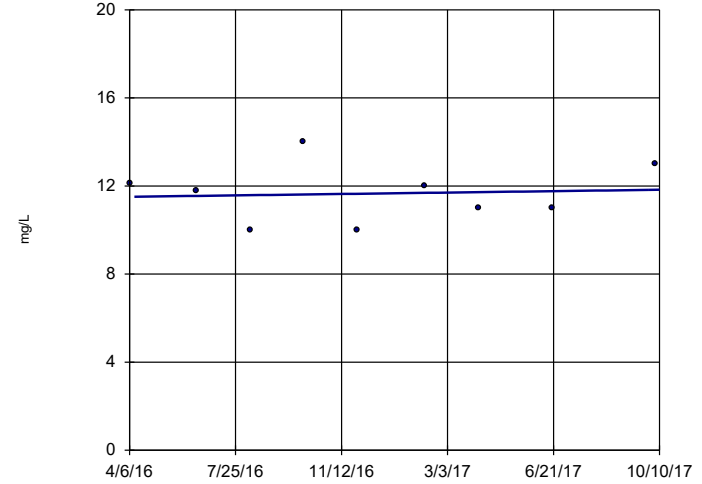
Linear Regression
GWA-15 (bg)



n = 9
Slope = 0.1277
units/year.
alpha = 0.01
t = 0.2955
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.8748, critical
= 0.764.

Constituent: Calcium Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

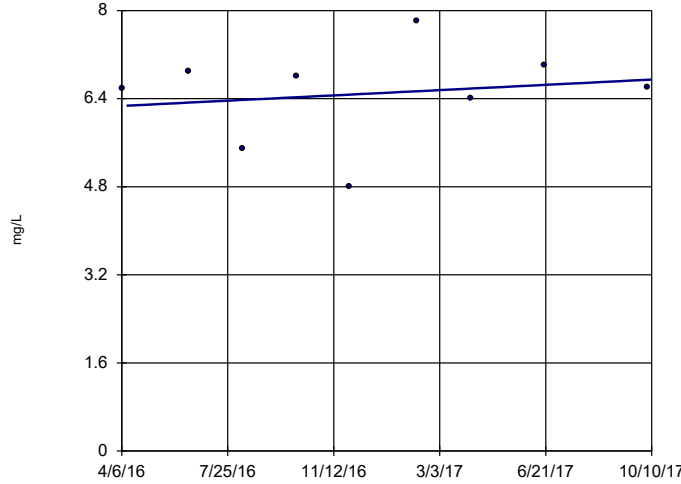
Linear Regression
GWA-16 (bg)



n = 9
Slope = 0.2119
units/year.
alpha = 0.01
t = 0.2076
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.9503, critical
= 0.764.

Constituent: Calcium Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

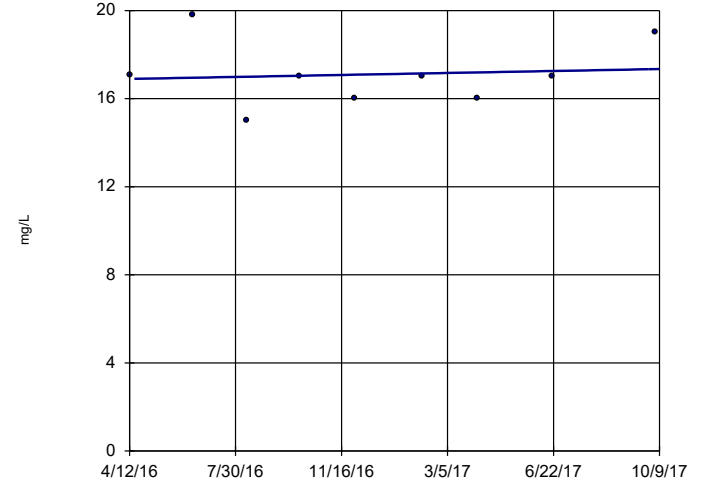
Linear Regression
GWA-17 (bg)



n = 9
Slope = 0.3168
units/year.
alpha = 0.01
t = 0.4756
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.9398, critical
= 0.764.

Constituent: Calcium Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

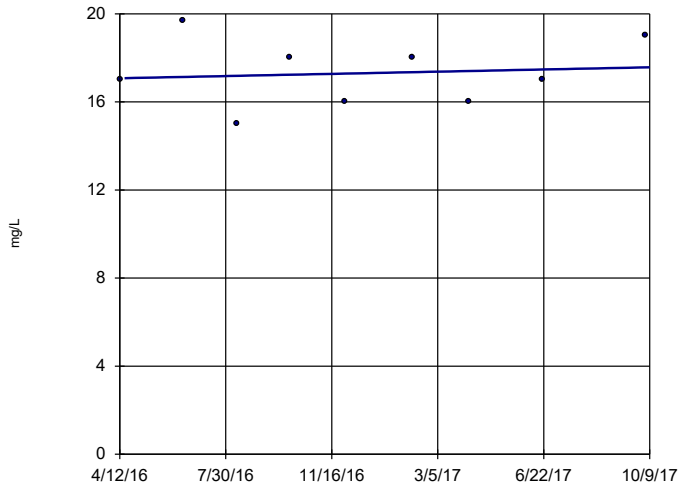
Linear Regression
GWC-1



n = 9
Slope = 0.3012
units/year.
alpha = 0.01
t = 0.2602
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.9341, critical
= 0.764.

Constituent: Calcium Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

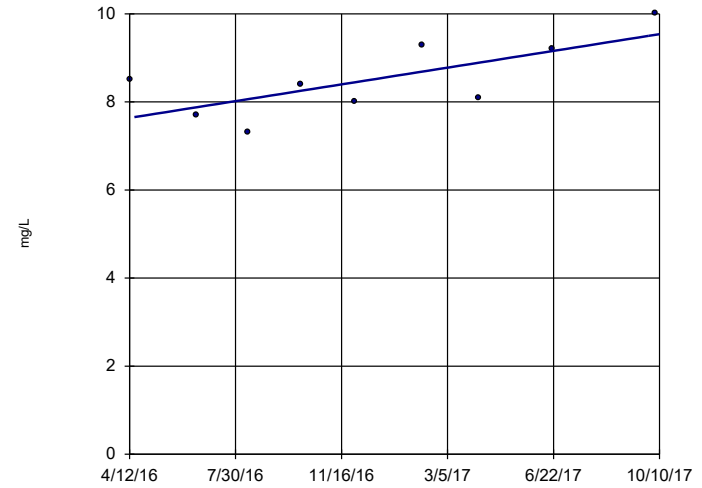
Linear Regression
GWC-2



n = 9
Slope = 0.3343 units/year.
alpha = 0.01
t = 0.2835
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.9768, critical = 0.764.

Constituent: Calcium Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

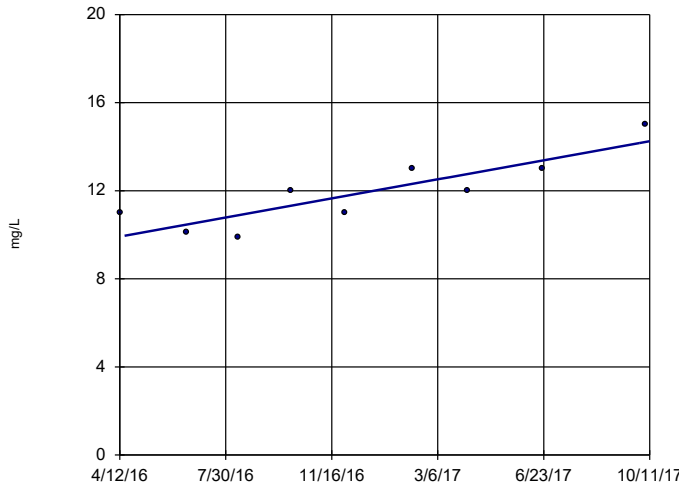
Linear Regression
GWC-3



n = 9
Slope = 1.272 units/year.
alpha = 0.01
t = 2.732
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.9508, critical = 0.764.

Constituent: Calcium Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

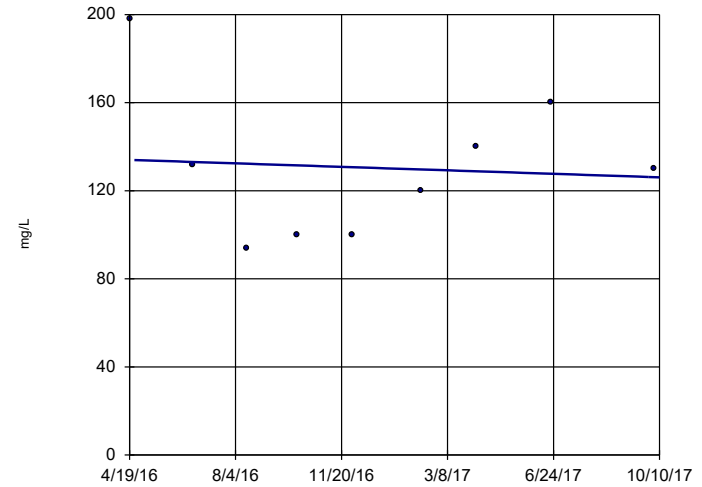
Linear Regression
GWC-4



n = 9
Slope = 2.892 units/year.
alpha = 0.01
t = 4.63
critical = 2.998
Significant increasing trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.8649, critical = 0.764.

Constituent: Calcium Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression
GWC-5

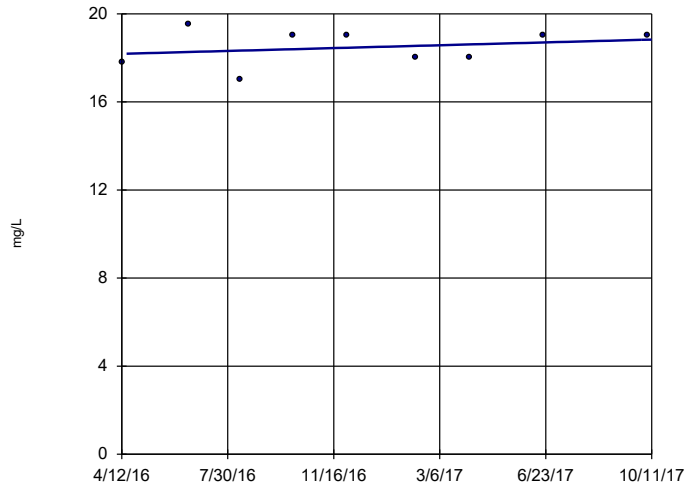


n = 9
Slope = -5.365 units/year.
alpha = 0.01
t = -0.2052
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.9329, critical = 0.764.

Constituent: Calcium Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

GWC-6

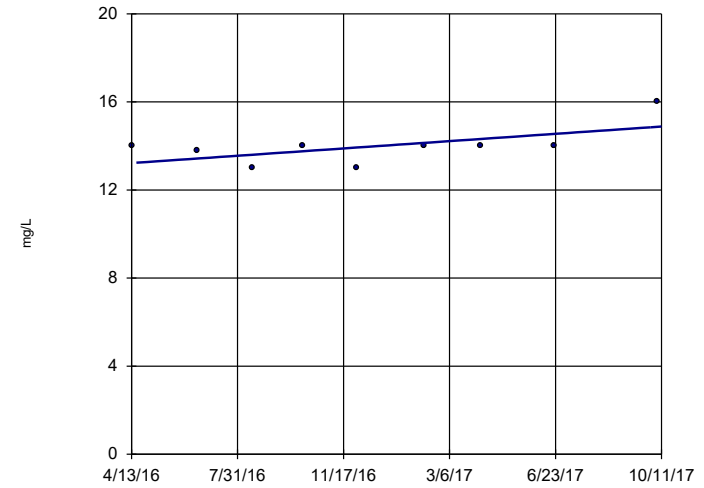


n = 9
 Slope = 0.4325 units/year.
 alpha = 0.01
 t = 0.7092
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha = 0.01, calculated = 0.9753, critical = 0.764.

Constituent: Calcium Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

GWC-7

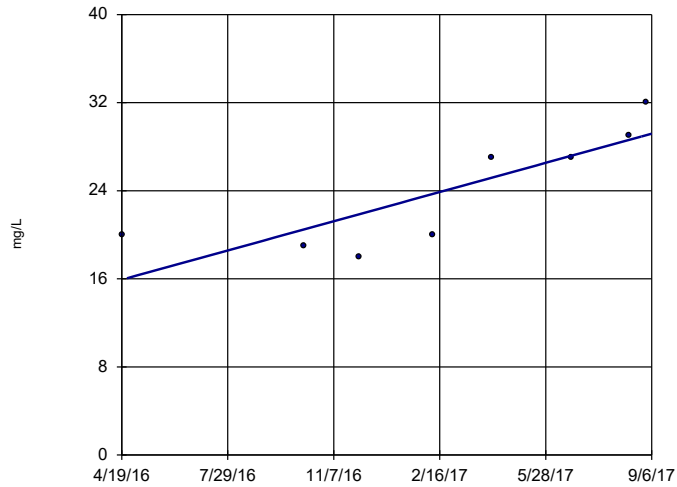


n = 9
 Slope = 1.11 units/year.
 alpha = 0.01
 t = 2.082
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha = 0.01, calculated = 0.9641, critical = 0.764.

Constituent: Calcium Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

GWC-8A

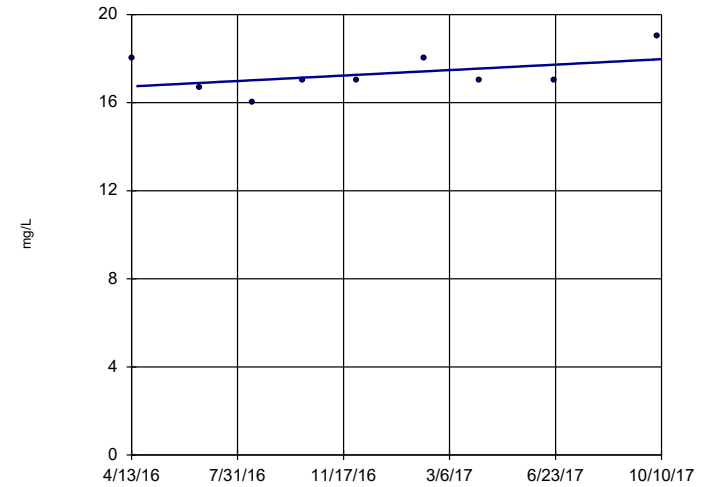


n = 8
 Slope = 9.594 units/year.
 alpha = 0.01
 t = 3.745
 critical = 3.143
 Significant increasing trend.
 Normality test on residuals:
 Shapiro Wilk @alpha = 0.01, calculated = 0.9477, critical = 0.749.

Constituent: Calcium Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

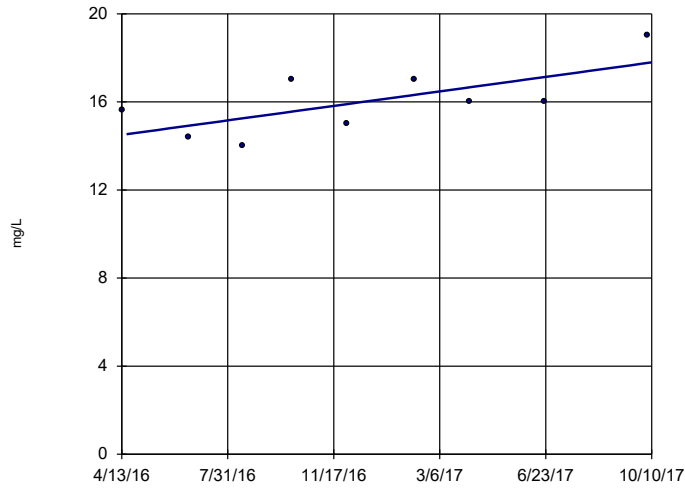
GWC-9



n = 9
 Slope = 0.8303 units/year.
 alpha = 0.01
 t = 1.339
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha = 0.01, calculated = 0.925, critical = 0.764.

Constituent: Calcium Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

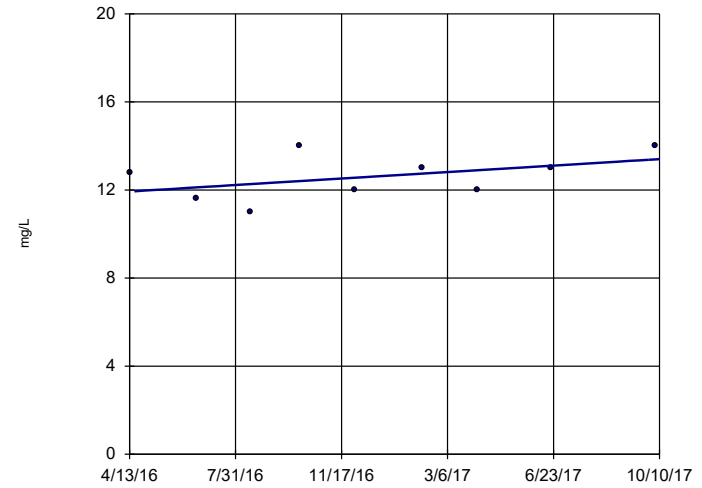
Linear Regression
GWC-10



n = 9
Slope = 2.206 units/year.
alpha = 0.01
t = 2.565
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.9576, critical = 0.764.

Constituent: Calcium Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

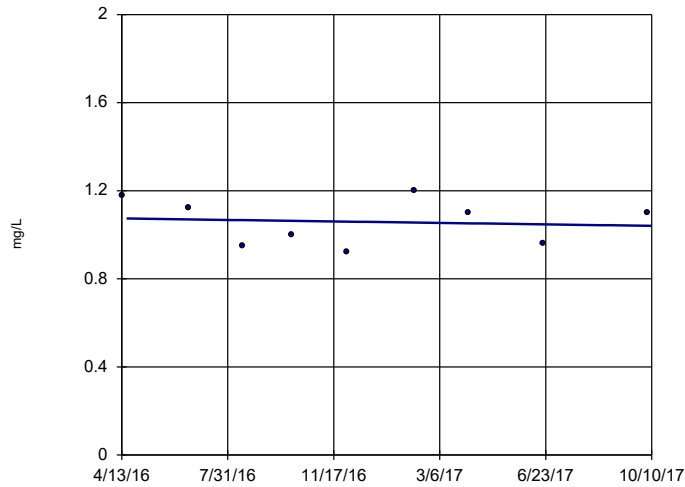
Linear Regression
GWC-11



n = 9
Slope = 0.9878 units/year.
alpha = 0.01
t = 1.375
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.9744, critical = 0.764.

Constituent: Calcium Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

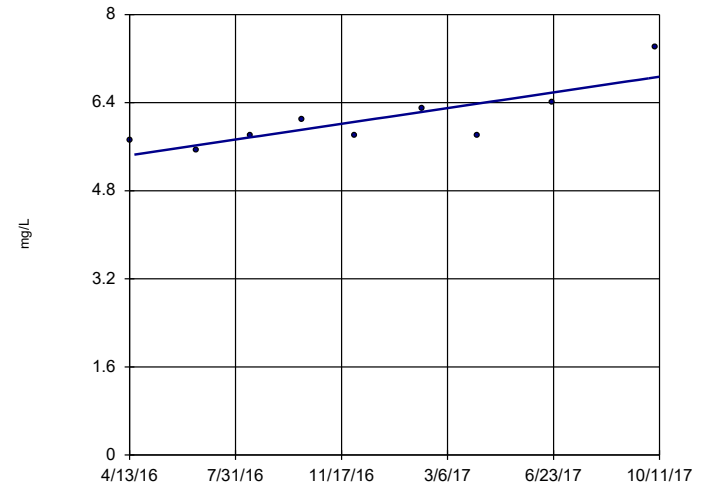
Linear Regression
GWC-12



n = 9
Slope = -0.02244 units/year.
alpha = 0.01
t = -0.2772
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.9155, critical = 0.764.

Constituent: Calcium Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

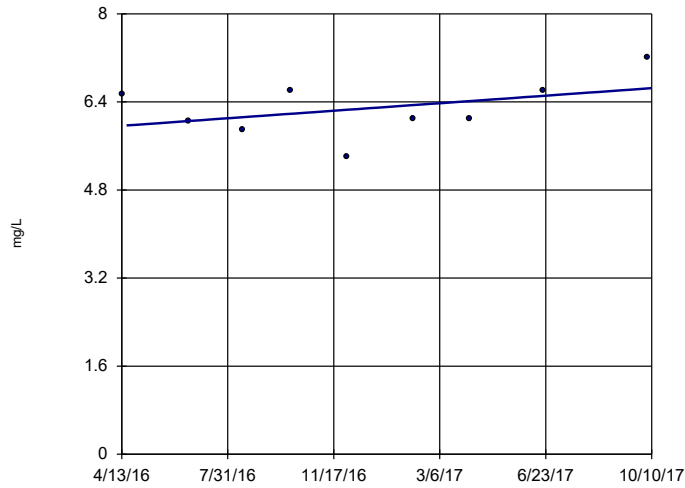
Linear Regression
GWC-13



n = 9
Slope = 0.955 units/year.
alpha = 0.01
t = 3.753
critical = 2.998
Significant increasing trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.9923, critical = 0.764.

Constituent: Calcium Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

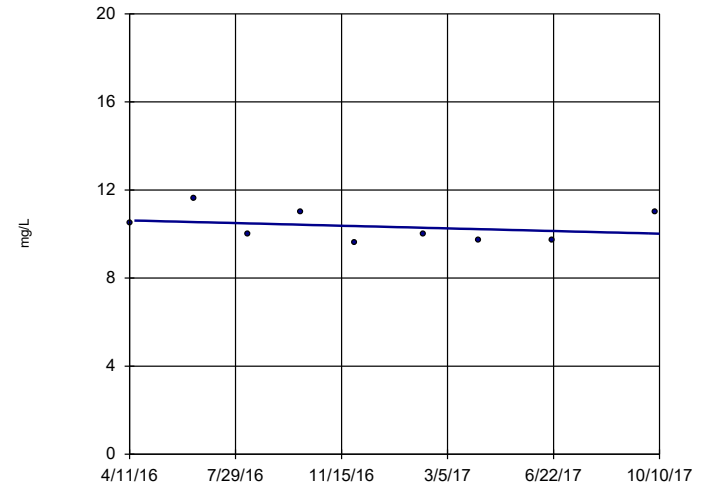
Linear Regression
GWC-14



n = 9
Slope = 0.458
units/year.
alpha = 0.01
t = 1.24
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.9394, critical
= 0.764.

Constituent: Calcium Analysis Run 4/12/2018 11:41 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

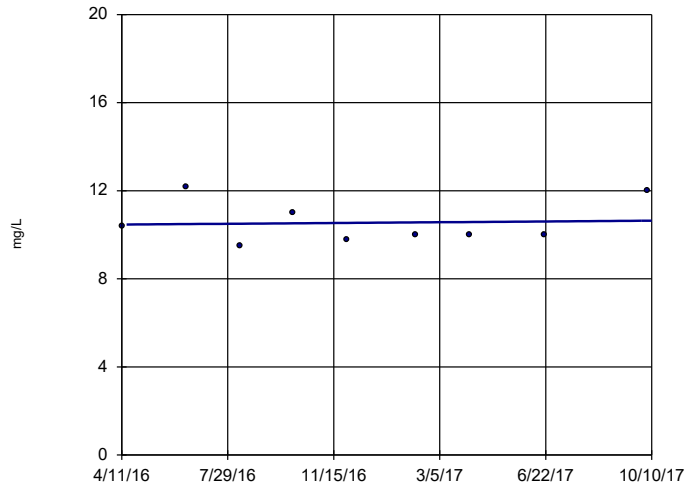
Linear Regression
GWC-18



n = 9
Slope = -0.4009
units/year.
alpha = 0.01
t = -0.7498
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.8547, critical
= 0.764.

Constituent: Calcium Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

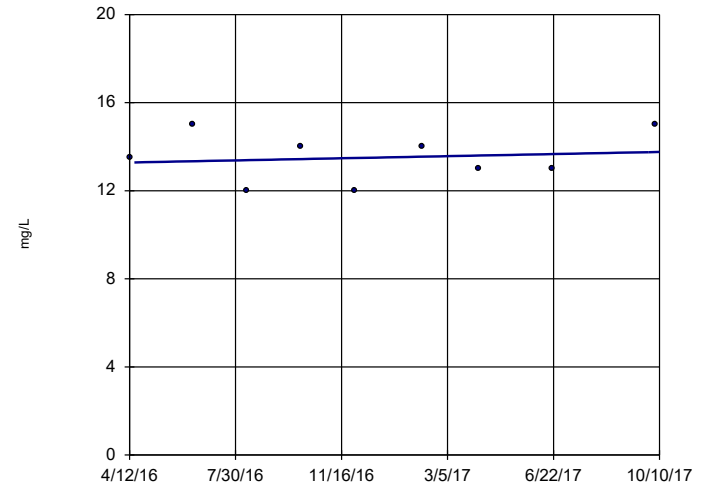
Linear Regression
GWC-19



n = 9
Slope = 0.1168
units/year.
alpha = 0.01
t = 0.154
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.8523, critical
= 0.764.

Constituent: Calcium Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

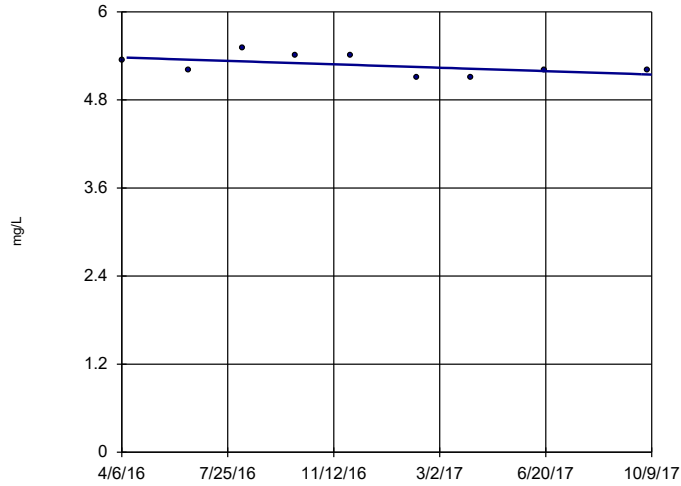
Linear Regression
GWC-20



n = 9
Slope = 0.3203
units/year.
alpha = 0.01
t = 0.3714
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.9476, critical
= 0.764.

Constituent: Calcium Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

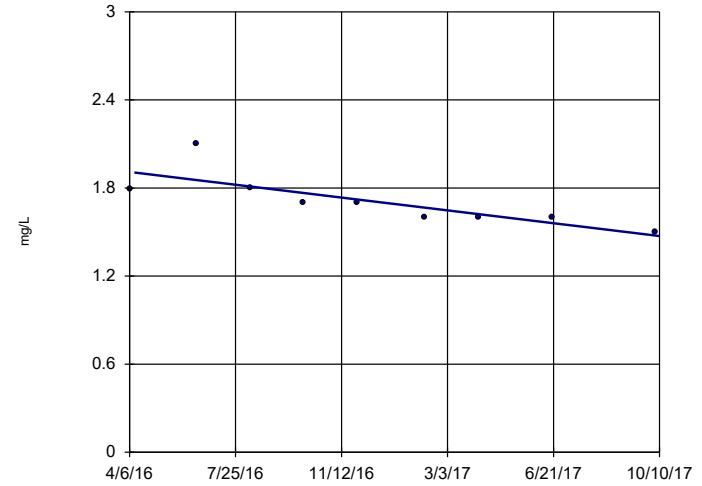
Linear Regression
GWA-15 (bg)



n = 9
Slope = -0.1539 units/year.
alpha = 0.01
t = -1.625
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.9194, critical = 0.764.

Constituent: Chloride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

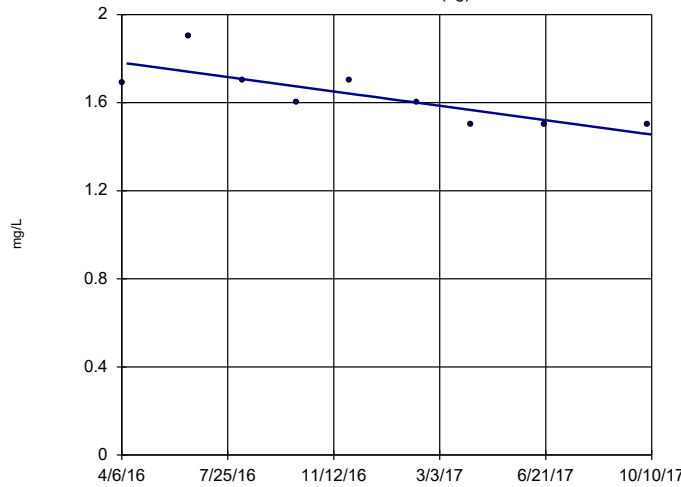
Linear Regression
GWA-16 (bg)



n = 9
Slope = -0.2891 units/year.
alpha = 0.01
t = -3.581
critical = -2.998
Significant decreasing trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.8313, critical = 0.764.

Constituent: Chloride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

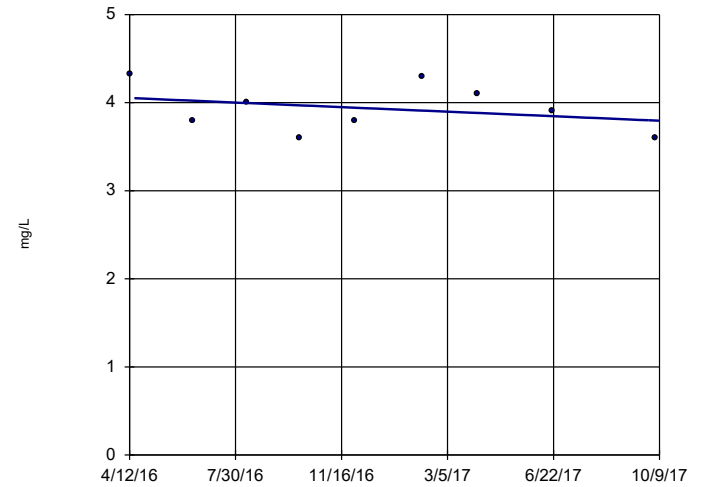
Linear Regression
GWA-17 (bg)



n = 9
Slope = -0.2159 units/year.
alpha = 0.01
t = -3.538
critical = -2.998
Significant decreasing trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.9283, critical = 0.764.

Constituent: Chloride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

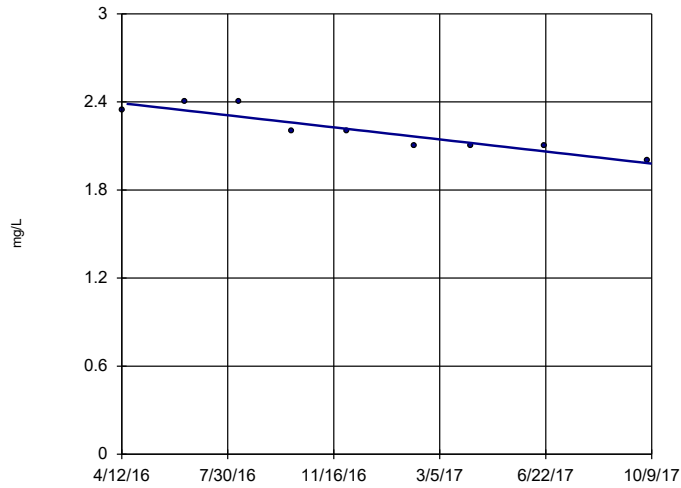
Linear Regression
GWC-1



n = 9
Slope = -0.1732 units/year.
alpha = 0.01
t = -0.8719
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.9622, critical = 0.764.

Constituent: Chloride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

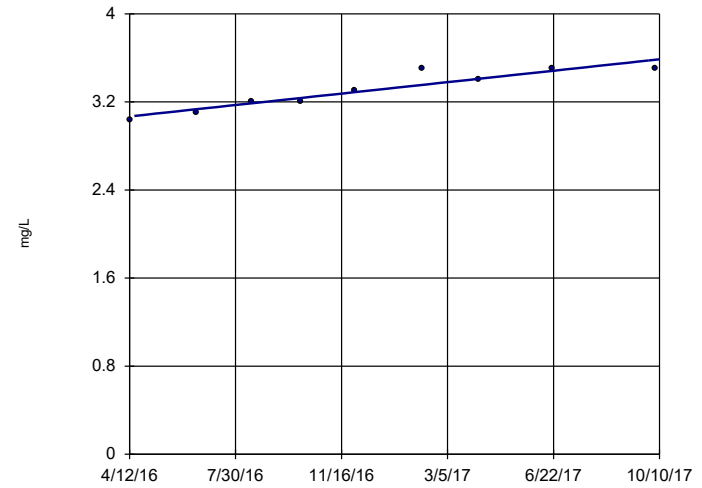
Linear Regression
GWC-2



n = 9
Slope = -0.2759 units/year.
alpha = 0.01
t = -6.214
critical = -2.998
Significant decreasing trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.9357, critical = 0.764.

Constituent: Chloride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

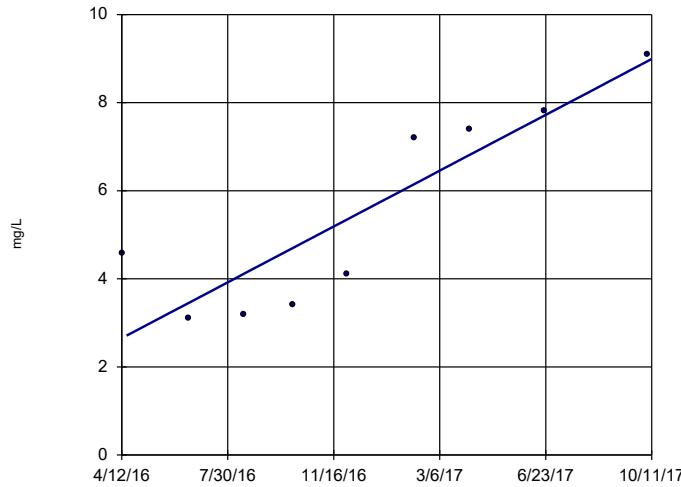
Linear Regression
GWC-3



n = 9
Slope = 0.3472 units/year.
alpha = 0.01
t = 7.034
critical = 2.998
Significant increasing trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.8502, critical = 0.764.

Constituent: Chloride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

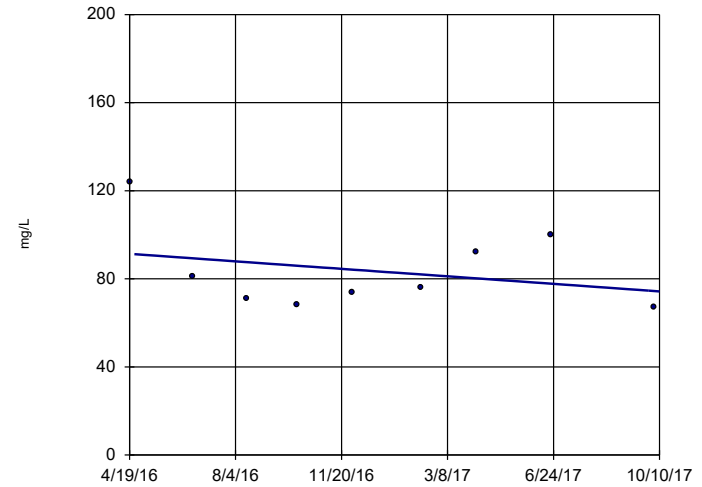
Linear Regression
GWC-4



n = 9
Slope = 4.232 units/year.
alpha = 0.01
t = 4.995
critical = 2.998
Significant increasing trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.9524, critical = 0.764.

Constituent: Chloride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression
GWC-5

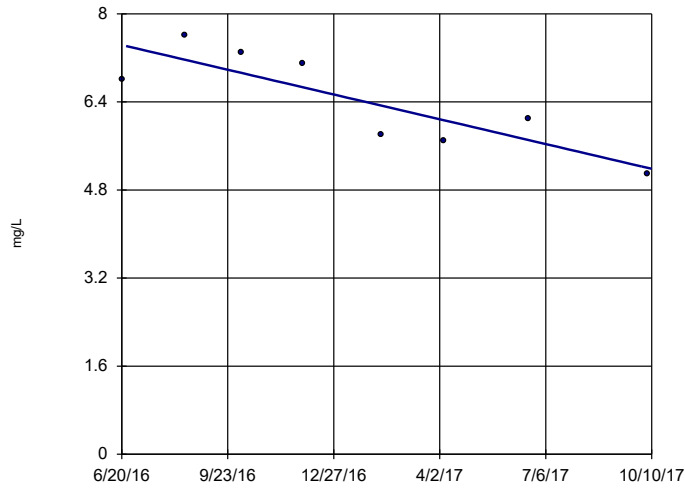


n = 9
Slope = -11.55 units/year.
alpha = 0.01
t = -0.8179
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.861, critical = 0.764.

Constituent: Chloride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

GWC-6

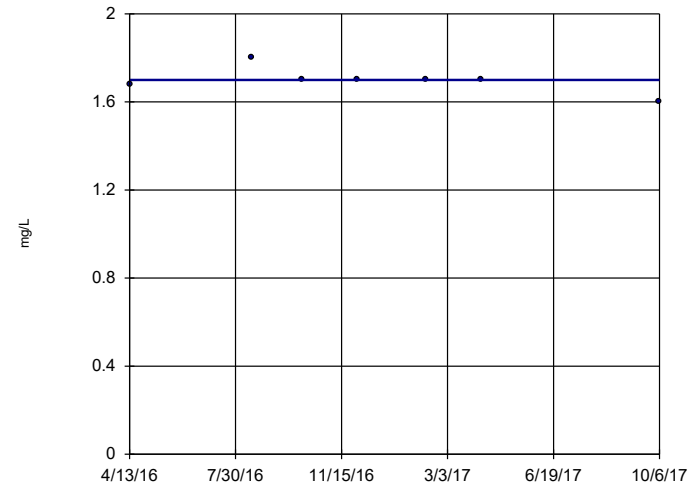


n = 8
 Slope = -1.723 units/year.
 alpha = 0.01
 t = -3.989
 critical = -3.143
 Significant decreasing trend.
 Normality test on residuals:
 Shapiro Wilk @alpha = 0.01, calculated = 0.9228, critical = 0.749.

Constituent: Chloride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWC-7

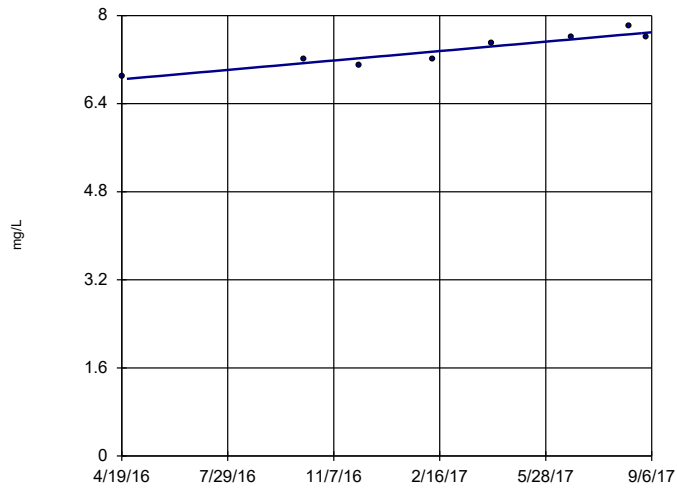


n = 7
 Slope = 0 units per year.
 Mann-Kendall statistic = -5
 critical = -18
 Trend not significant at 99% confidence level (α = 0.005 per tail).
 Sen's Slope/Mann-Kendall substituted because the sample size was insufficient for Linear Regression.

Constituent: Chloride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

GWC-8A

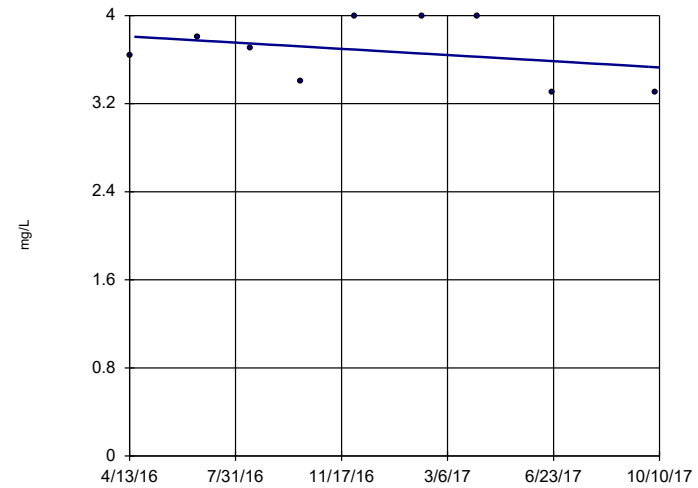


n = 8
 Slope = 0.6181 units/year.
 alpha = 0.01
 t = 6.759
 critical = 3.143
 Significant increasing trend.
 Normality test on residuals:
 Shapiro Wilk @alpha = 0.01, calculated = 0.8822, critical = 0.749.

Constituent: Chloride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

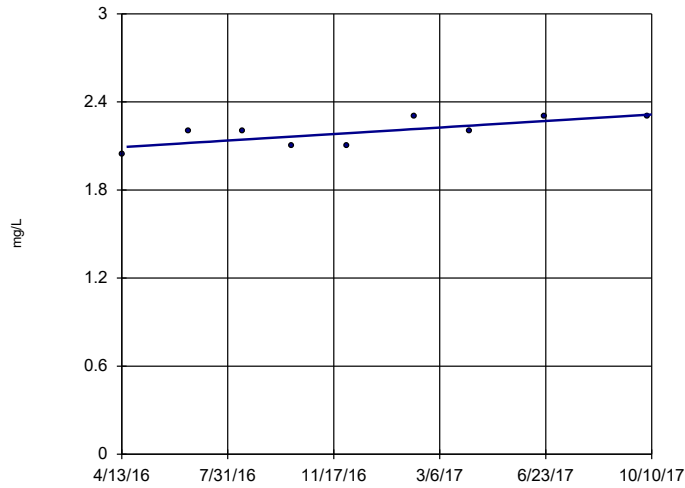
GWC-9



n = 9
 Slope = -0.1885 units/year.
 alpha = 0.01
 t = -0.8596
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha = 0.01, calculated = 0.8742, critical = 0.764.

Constituent: Chloride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

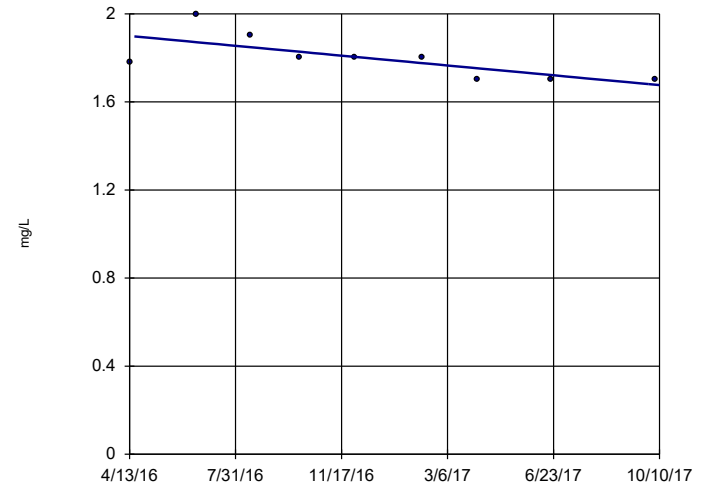
Linear Regression GWC-10



n = 9
 Slope = 0.149
 units/year.
 alpha = 0.01
 t = 2.925
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha
 = 0.01, calculated
 = 0.9167, critical
 = 0.764.

Constituent: Chloride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

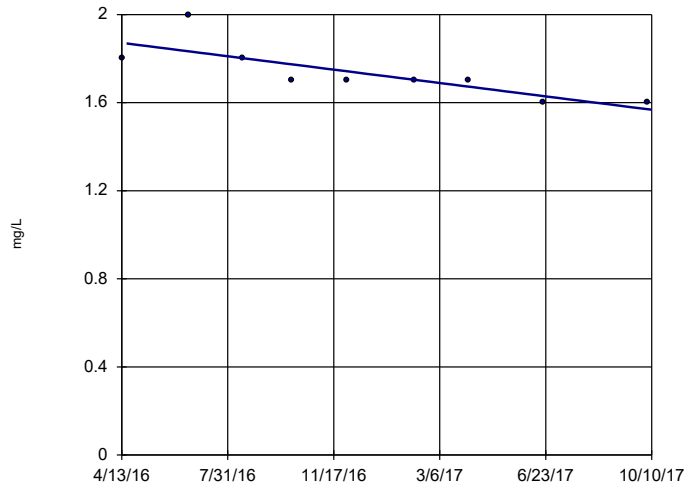
Linear Regression GWC-11



n = 9
 Slope = -0.1496
 units/year.
 alpha = 0.01
 t = -2.751
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha
 = 0.01, calculated
 = 0.978, critical =
 0.764.

Constituent: Chloride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

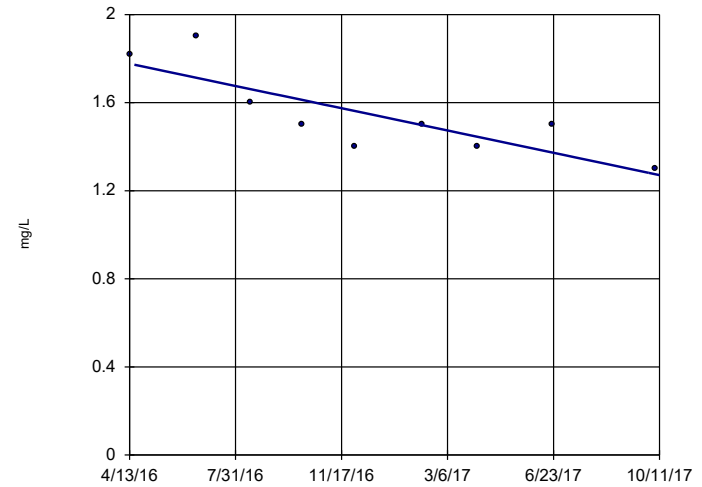
Linear Regression GWC-12



n = 9
 Slope = -0.2035
 units/year.
 alpha = 0.01
 t = -3.546
 critical = -2.998
 Significant decreasing trend.
 Normality test on residuals:
 Shapiro Wilk @alpha
 = 0.01, calculated
 = 0.8524, critical
 = 0.764.

Constituent: Chloride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

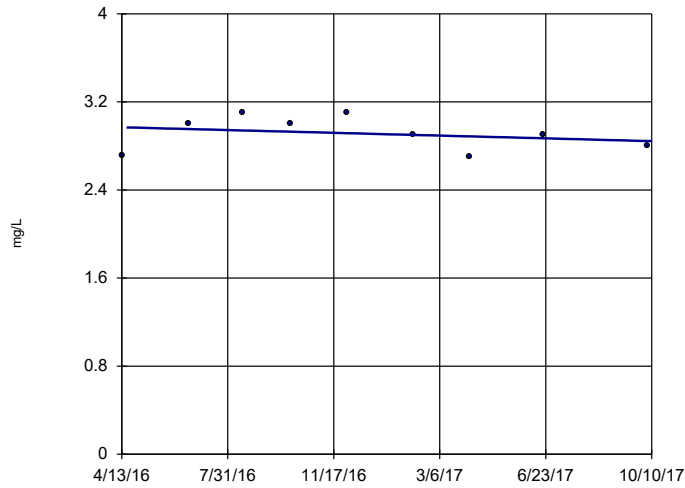
Linear Regression GWC-13



n = 9
 Slope = -0.3384
 units/year.
 alpha = 0.01
 t = -3.905
 critical = -2.998
 Significant decreasing trend.
 Normality test on residuals:
 Shapiro Wilk @alpha
 = 0.01, calculated
 = 0.9809, critical
 = 0.764.

Constituent: Chloride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

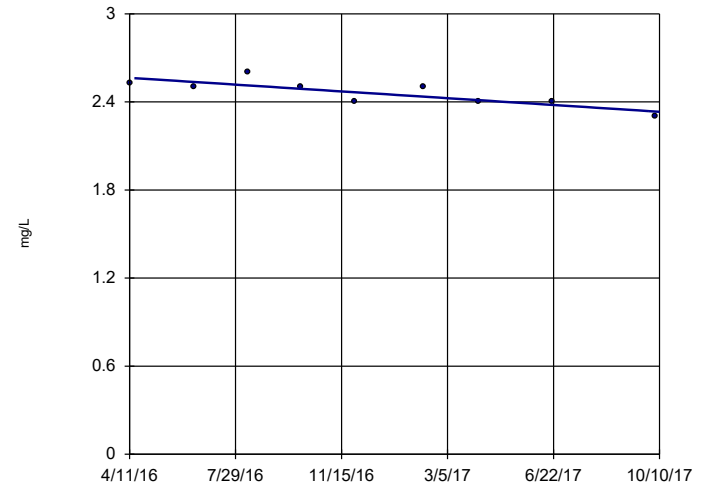
Linear Regression GWC-14



n = 9
 Slope = -0.08415 units/year.
 alpha = 0.01
 t = -0.7322
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha = 0.01, calculated = 0.9358, critical = 0.764.

Constituent: Chloride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

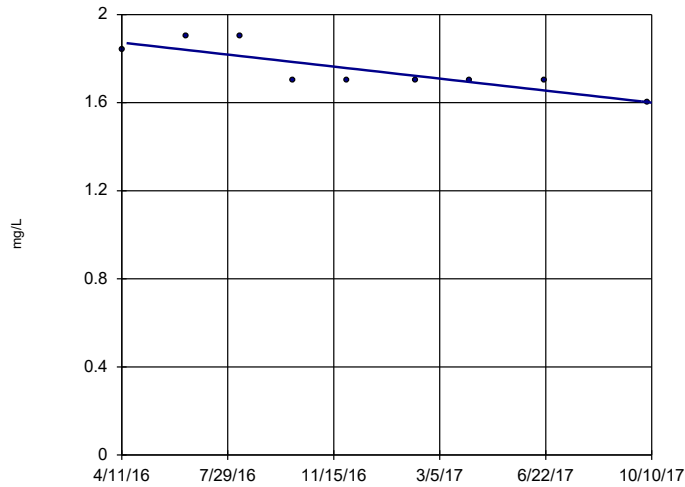
Linear Regression GWC-18



n = 9
 Slope = -0.1544 units/year.
 alpha = 0.01
 t = -3.926
 critical = -2.998
 Significant decreasing trend.
 Normality test on residuals:
 Shapiro Wilk @alpha = 0.01, calculated = 0.9309, critical = 0.764.

Constituent: Chloride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

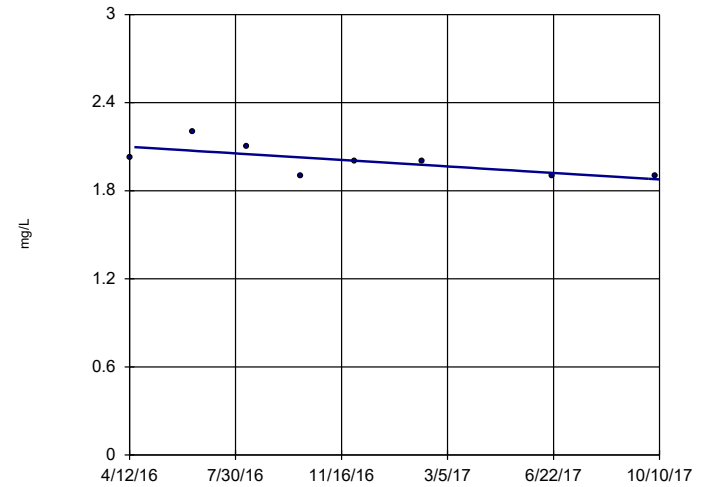
Linear Regression GWC-19



n = 9
 Slope = -0.1819 units/year.
 alpha = 0.01
 t = -4.153
 critical = -2.998
 Significant decreasing trend.
 Normality test on residuals:
 Shapiro Wilk @alpha = 0.01, calculated = 0.9793, critical = 0.764.

Constituent: Chloride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

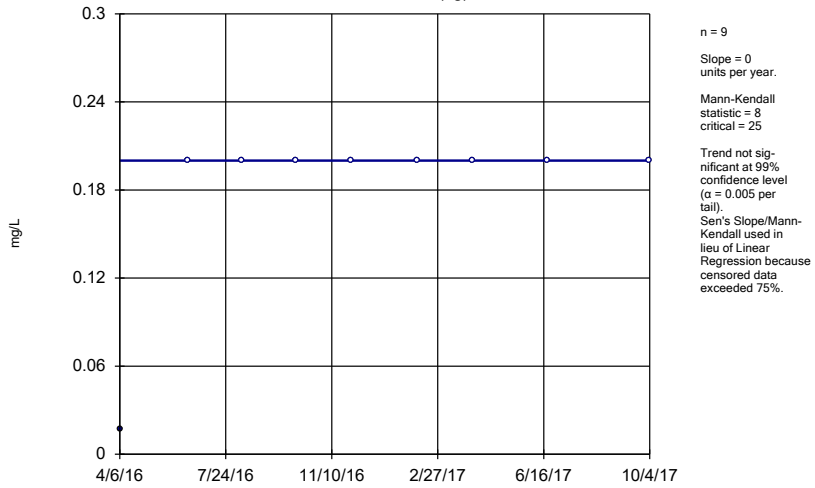
Linear Regression GWC-20



n = 8
 Slope = -0.1486 units/year.
 alpha = 0.01
 t = -2.397
 critical = 3.143
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha = 0.01, calculated = 0.9826, critical = 0.749.

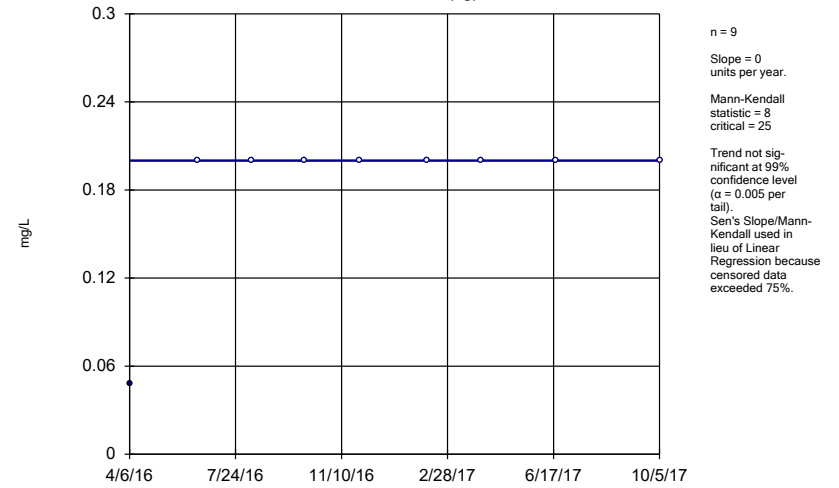
Constituent: Chloride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator
GWA-15 (bg)



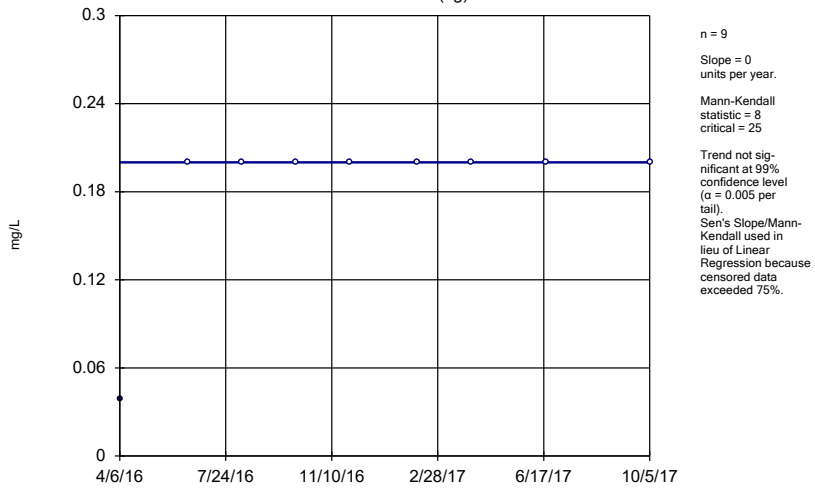
Constituent: Fluoride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator
GWA-16 (bg)



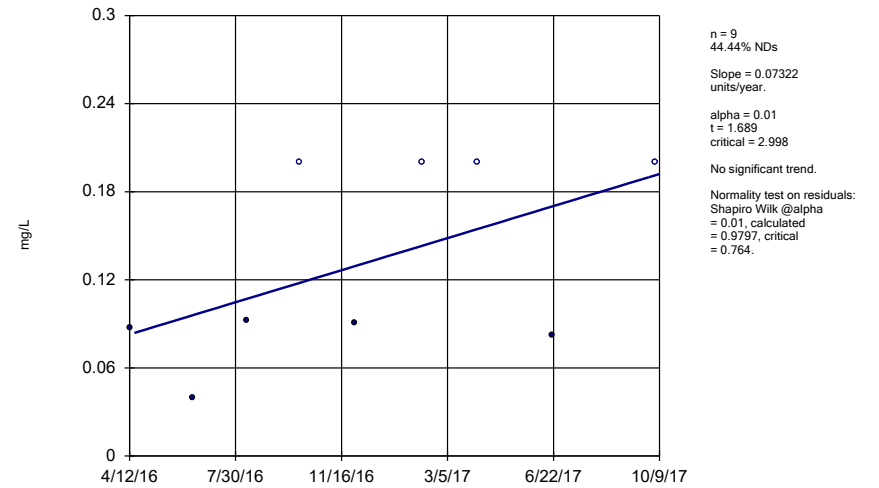
Constituent: Fluoride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator
GWA-17 (bg)



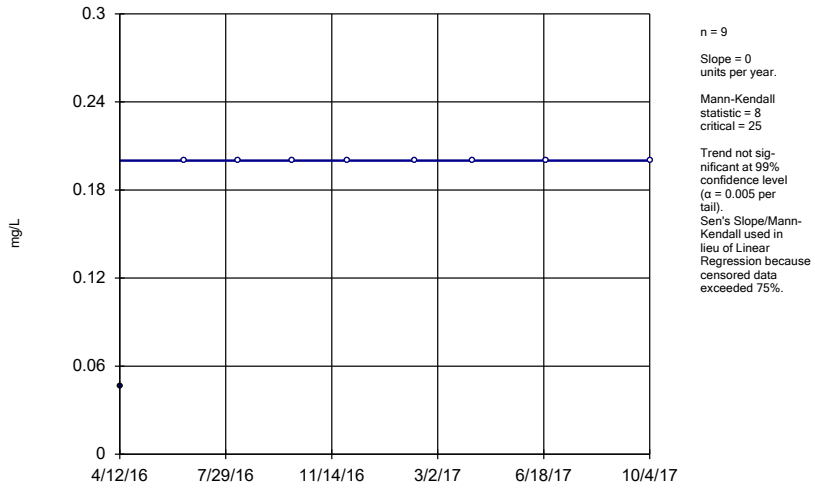
Constituent: Fluoride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression
GWC-1



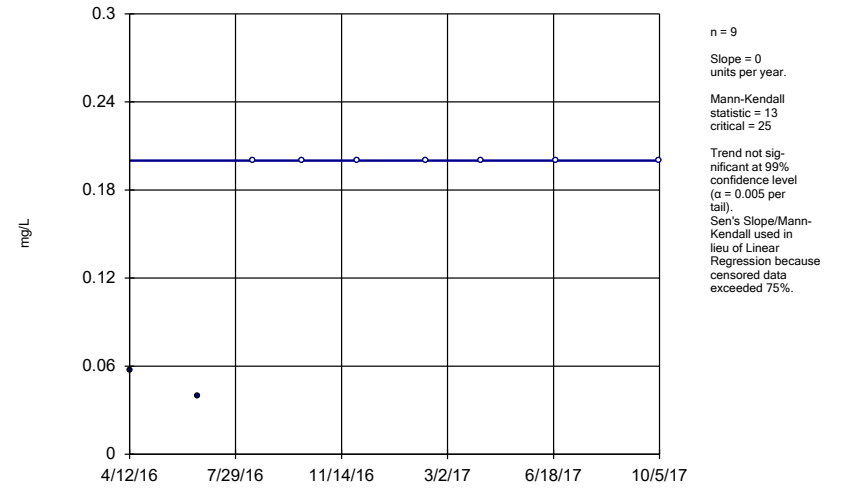
Constituent: Fluoride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator
GWC-2



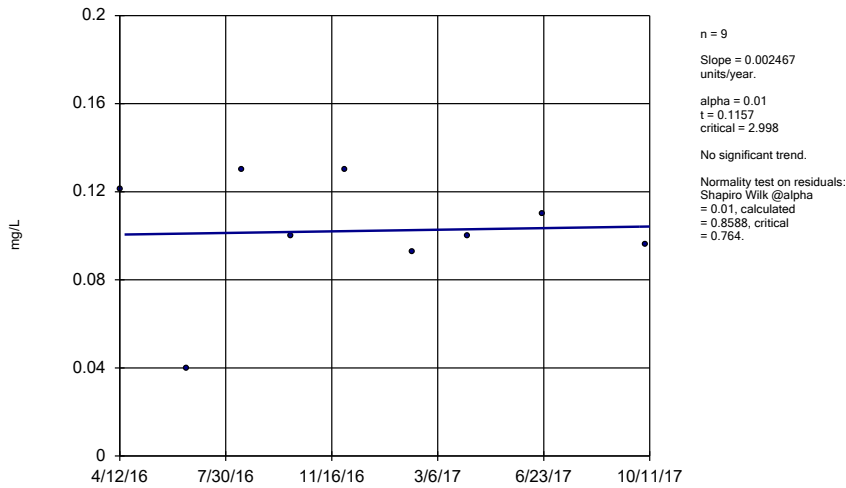
Constituent: Fluoride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator
GWC-3



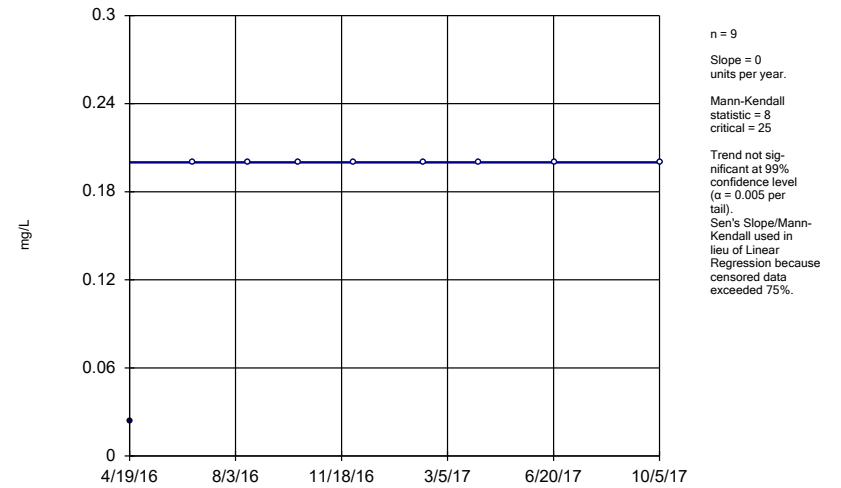
Constituent: Fluoride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression
GWC-4



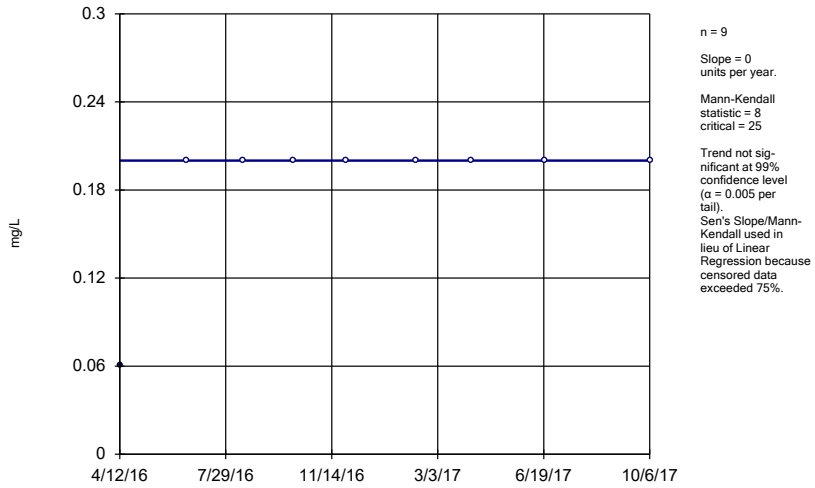
Constituent: Fluoride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator
GWC-5



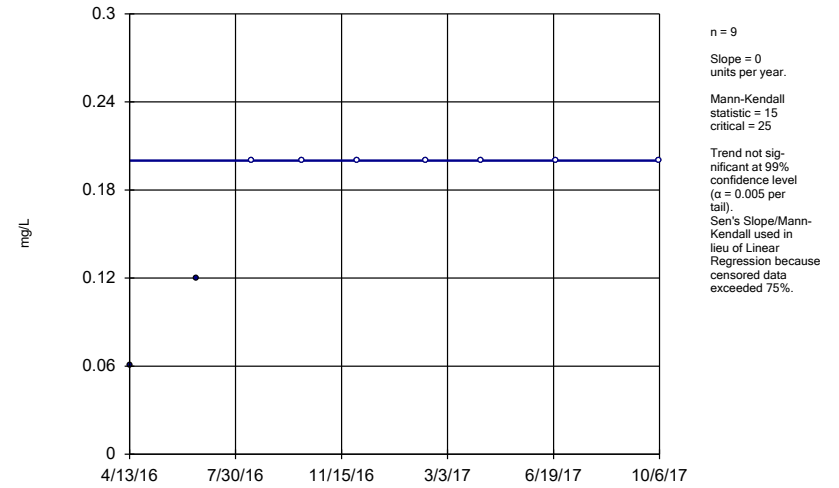
Constituent: Fluoride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator
GWC-6



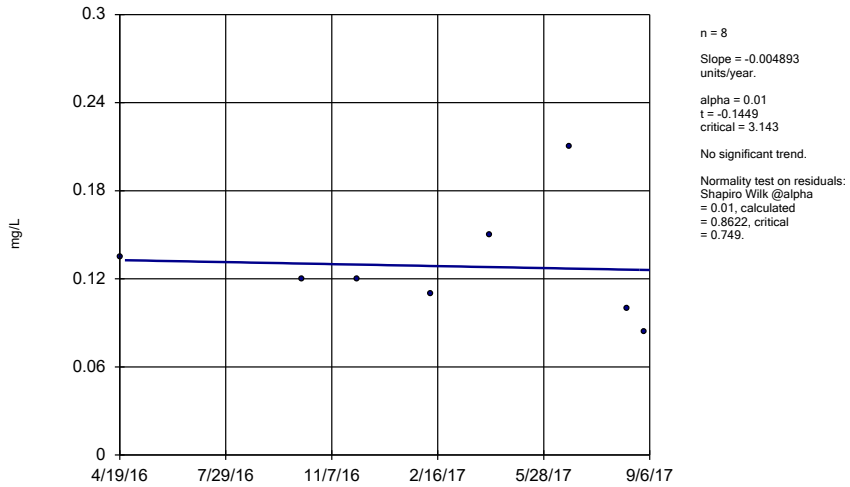
Constituent: Fluoride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator
GWC-7



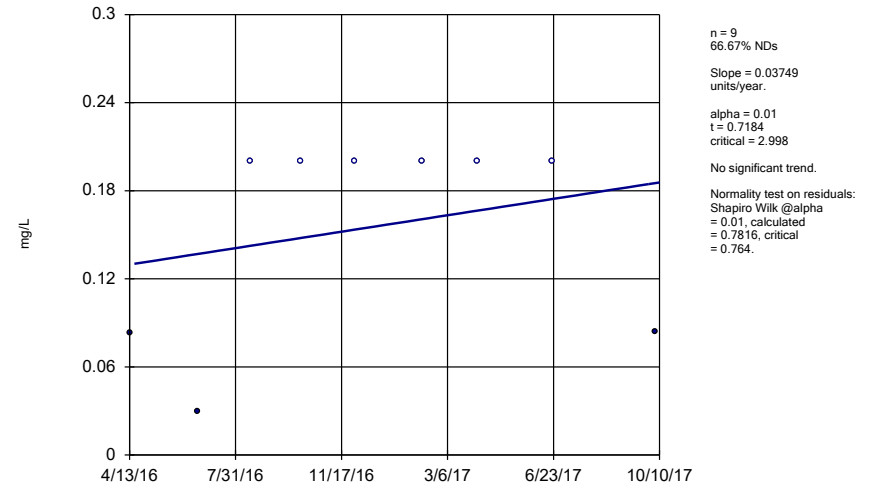
Constituent: Fluoride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression
GWC-8A



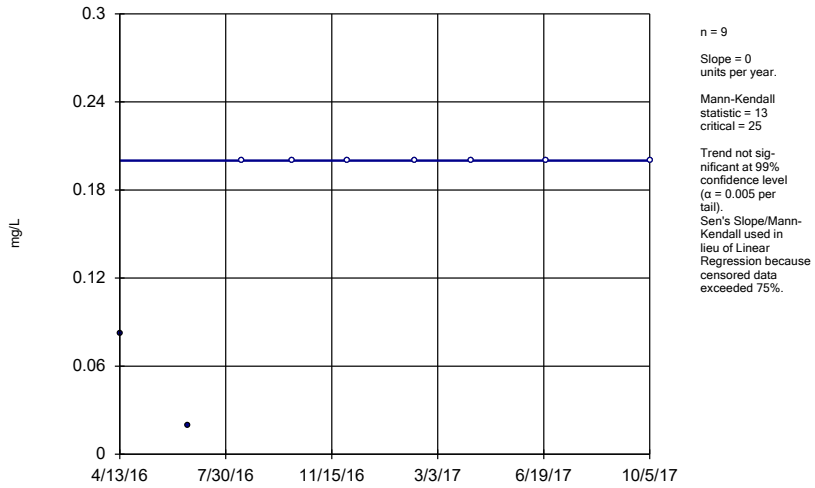
Constituent: Fluoride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression
GWC-9



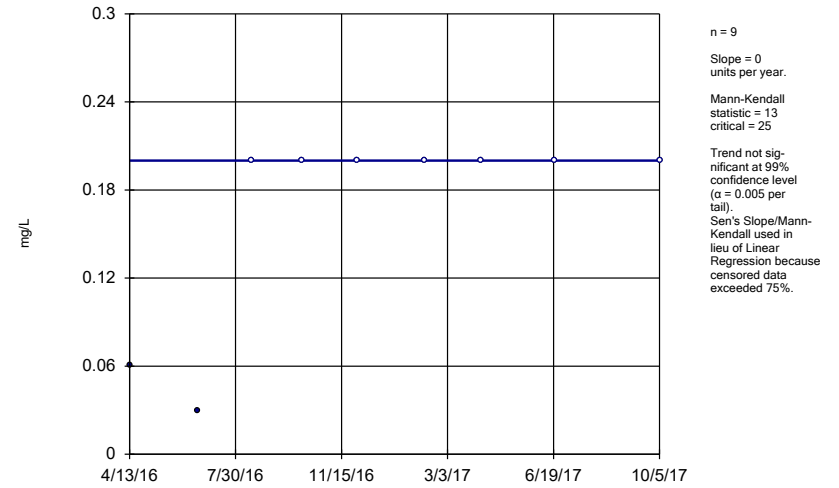
Constituent: Fluoride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator GWC-10



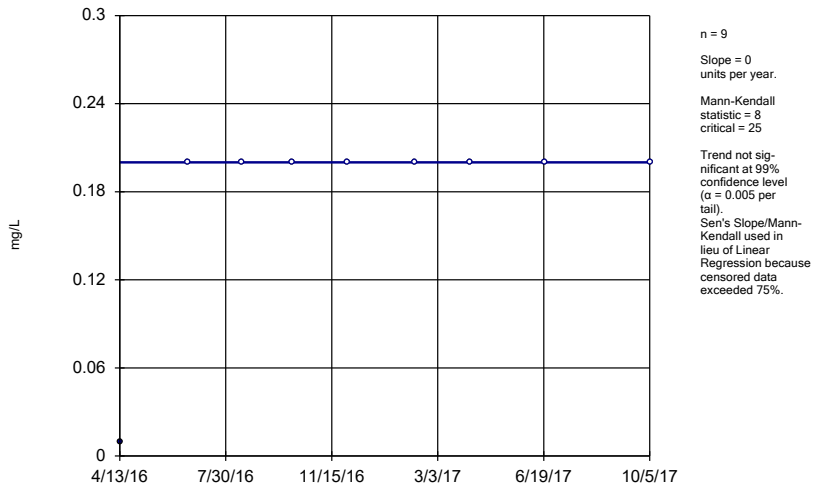
Constituent: Fluoride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator GWC-11



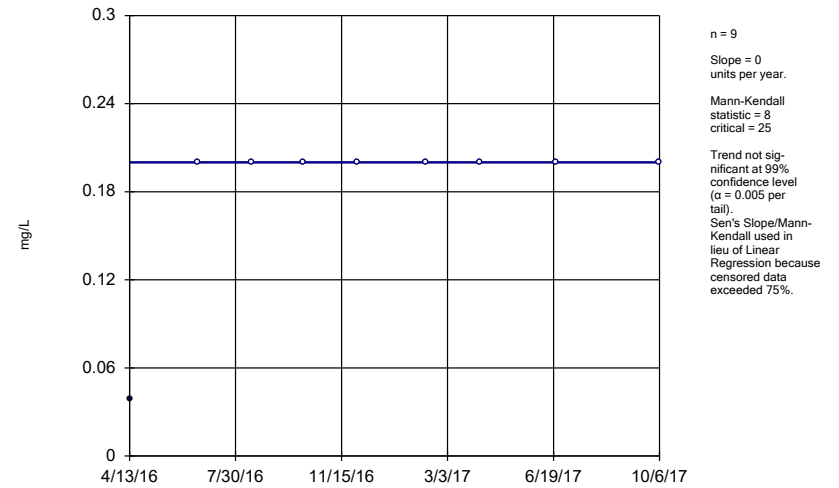
Constituent: Fluoride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator GWC-12



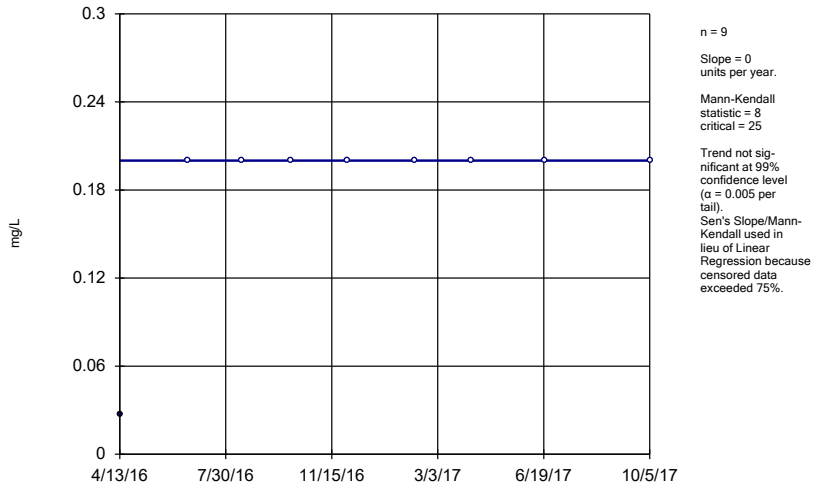
Constituent: Fluoride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator GWC-13



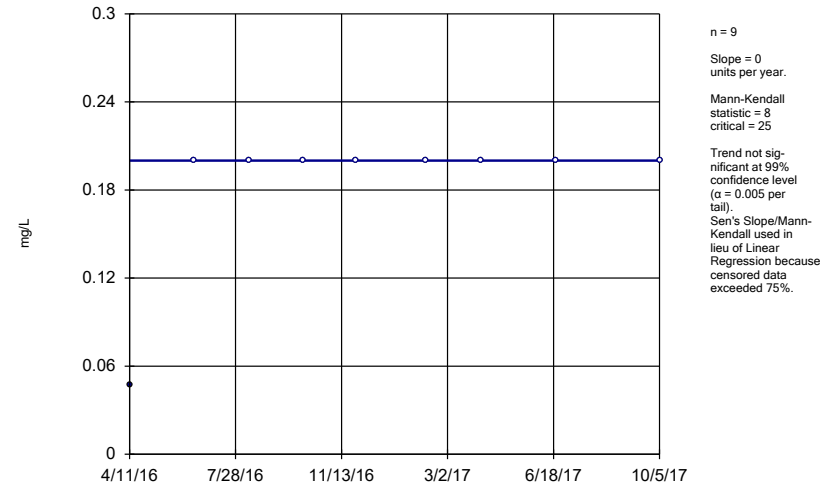
Constituent: Fluoride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator GWC-14



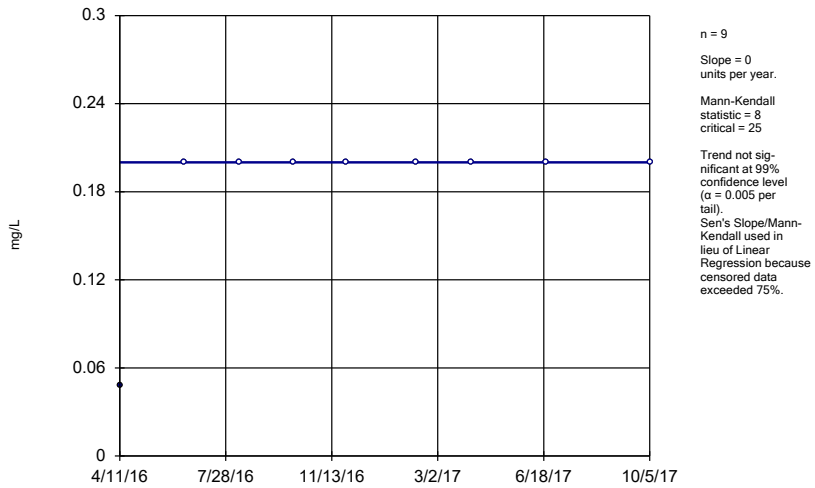
Constituent: Fluoride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator GWC-18



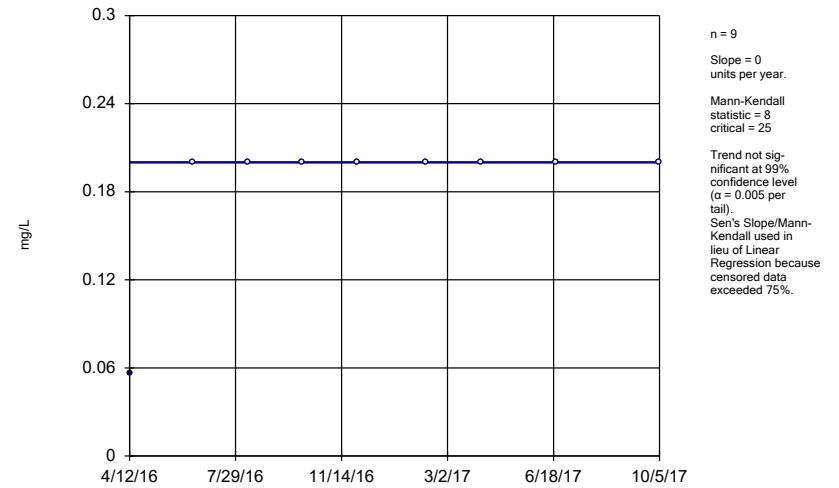
Constituent: Fluoride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator GWC-19



Constituent: Fluoride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

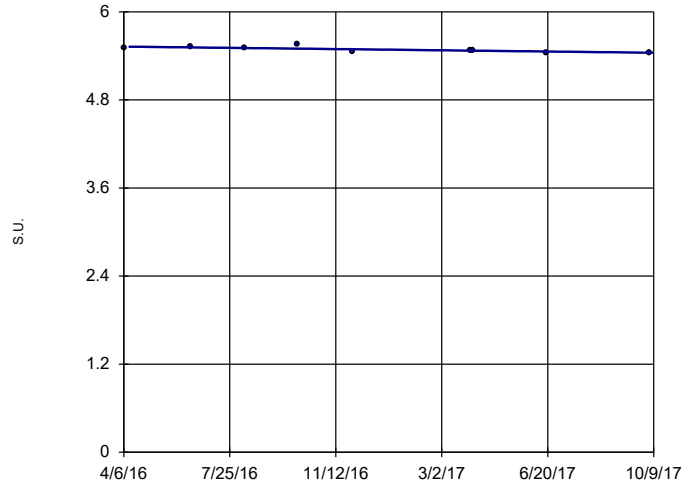
Sen's Slope Estimator GWC-20



Constituent: Fluoride Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

GWA-15 (bg)

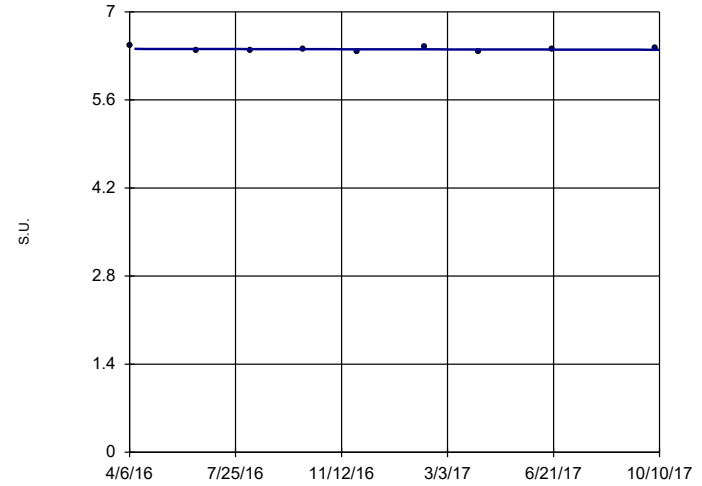


n = 9
 Slope = -0.0537 units/year.
 alpha = 0.01
 t = -2.66
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha = 0.01, calculated = 0.865, critical = 0.764.

Constituent: pH Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

GWA-16 (bg)

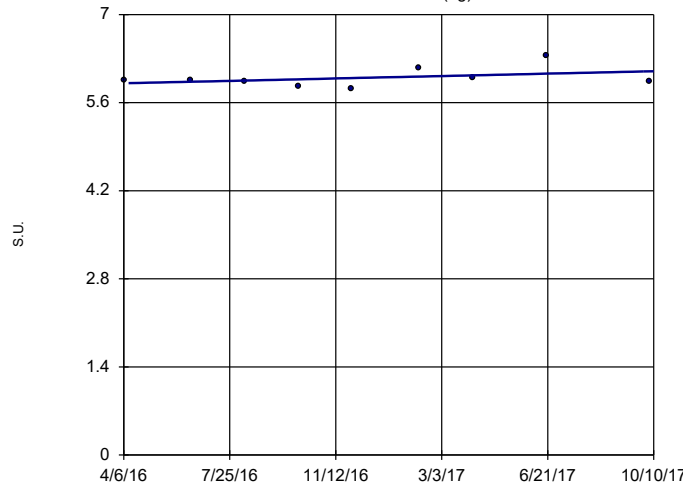


n = 9
 Slope = -0.008768 units/year.
 alpha = 0.01
 t = -0.34
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha = 0.01, calculated = 0.931, critical = 0.764.

Constituent: pH Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

GWA-17 (bg)

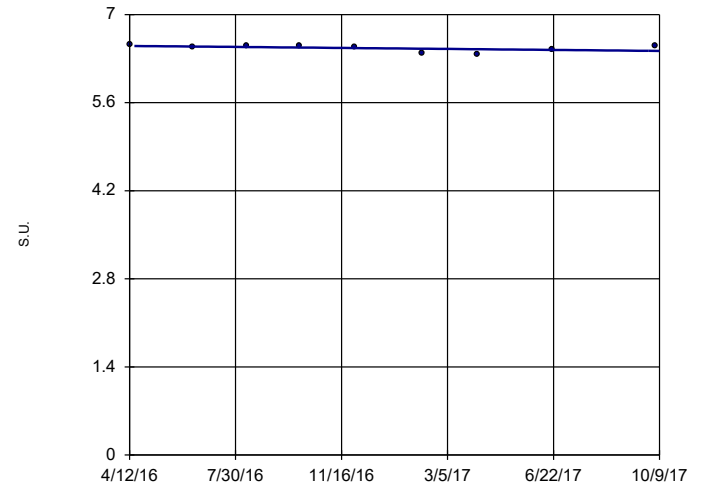


n = 9
 Slope = 0.1272 units/year.
 alpha = 0.01
 t = 1.124
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha = 0.01, calculated = 0.9433, critical = 0.764.

Constituent: pH Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

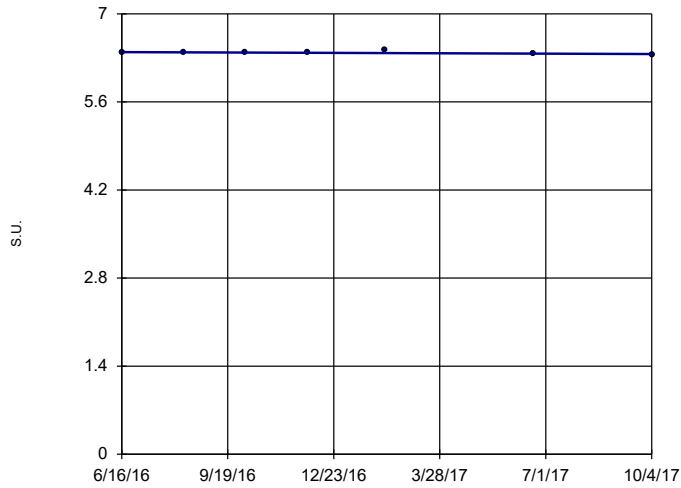
GWC-1



n = 9
 Slope = -0.0531 units/year.
 alpha = 0.01
 t = -1.299
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha = 0.01, calculated = 0.8697, critical = 0.764.

Constituent: pH Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

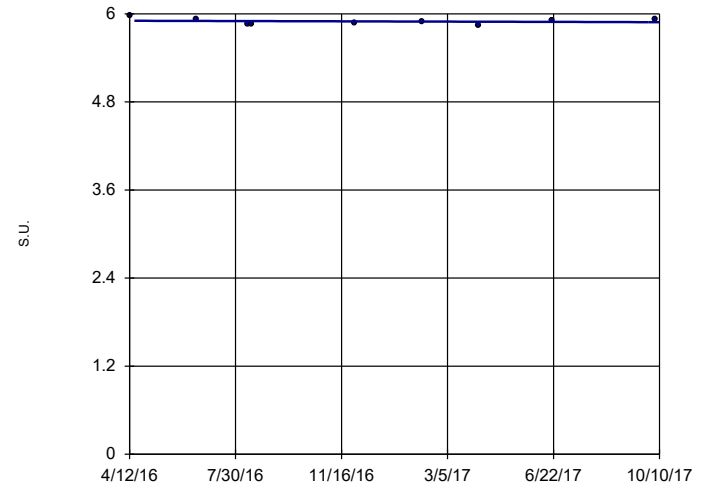
Sen's Slope Estimator
GWC-2



n = 7
Slope = -0.02305 units per year.
Mann-Kendall statistic = -6
critical = -18
Trend not significant at 99% confidence level (α = 0.005 per tail).
Sen's Slope/Mann-Kendall substituted because the sample size was insufficient for Linear Regression.

Constituent: pH Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

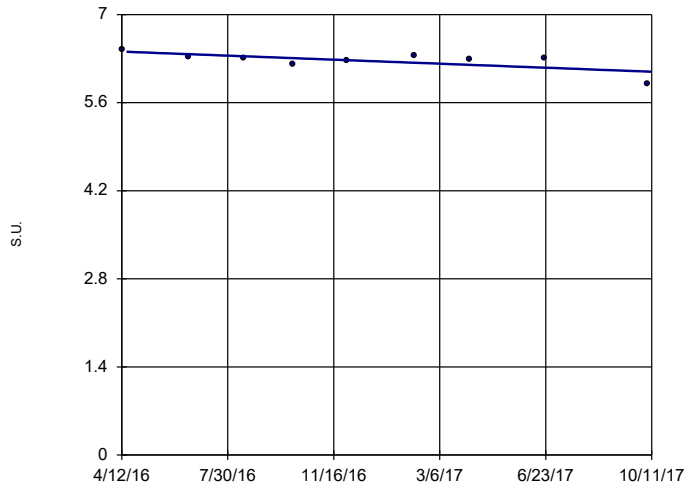
Linear Regression
GWC-3



n = 9
Slope = -0.01288 units/year.
alpha = 0.01
t = -0.4061
critical = 2.998
No significant trend.
Normality test on residuals: Shapiro Wilk @alpha = 0.01, calculated = 0.9427, critical = 0.764.

Constituent: pH Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

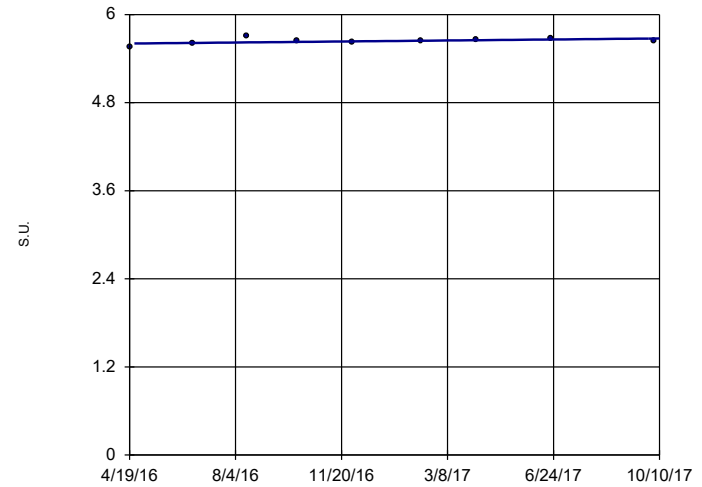
Linear Regression
GWC-4



n = 9
Slope = -0.2139 units/year.
alpha = 0.01
t = -2.496
critical = 2.998
No significant trend.
Normality test on residuals: Shapiro Wilk @alpha = 0.01, calculated = 0.9724, critical = 0.764.

Constituent: pH Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression
GWC-5

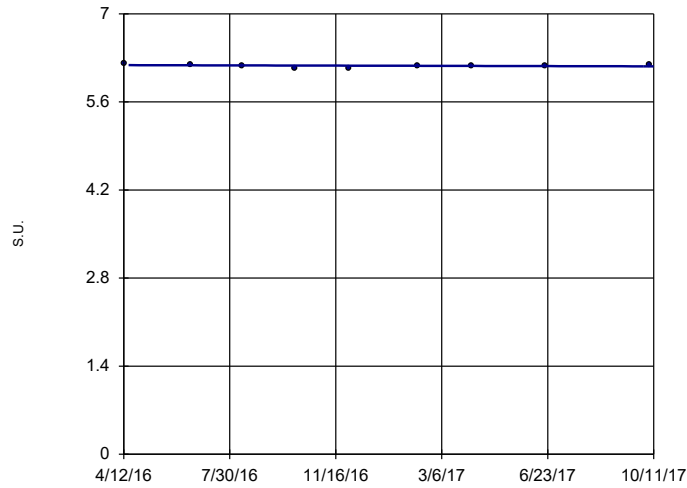


n = 9
Slope = 0.04685 units/year.
alpha = 0.01
t = 1.561
critical = 2.998
No significant trend.
Normality test on residuals: Shapiro Wilk @alpha = 0.01, calculated = 0.9408, critical = 0.764.

Constituent: pH Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

GWC-6

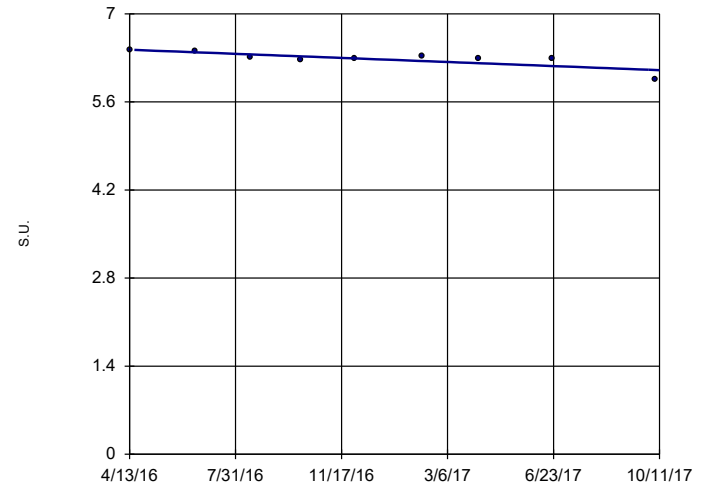


n = 9
 Slope = -0.01274 units/year.
 alpha = 0.01
 t = -0.6453
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha = 0.01, calculated = 0.9446, critical = 0.764.

Constituent: pH Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

GWC-7

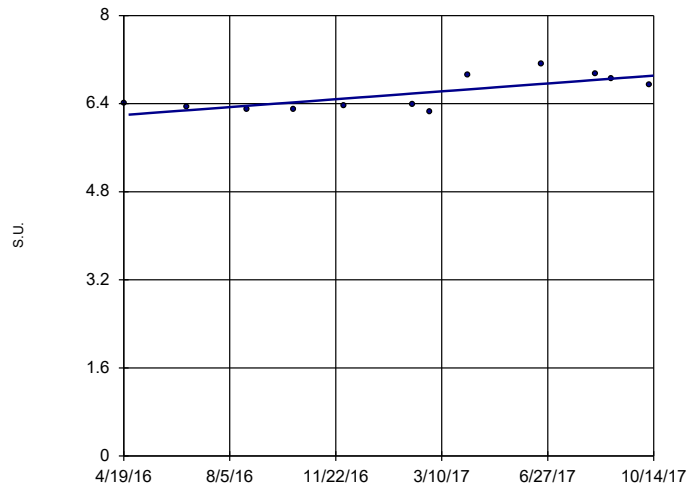


n = 9
 Slope = -0.2171 units/year.
 alpha = 0.01
 t = -3.5
 critical = -2.998
 Significant decreasing trend.
 Normality test on residuals:
 Shapiro Wilk @alpha = 0.01, calculated = 0.9719, critical = 0.764.

Constituent: pH Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

GWC-8A

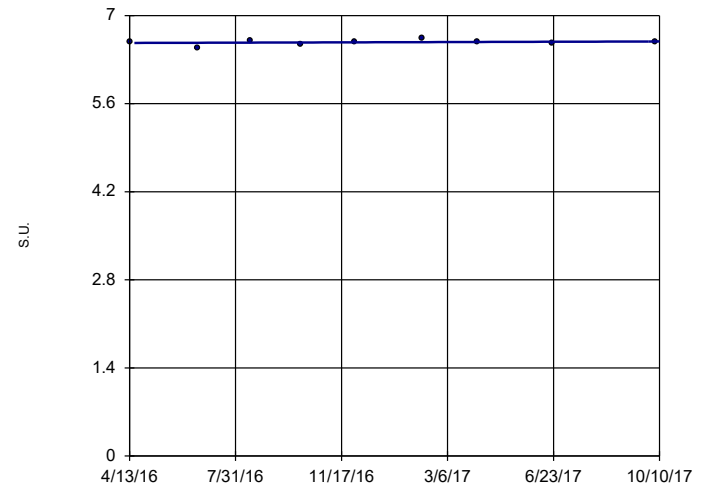


n = 12
 Slope = 0.4816 units/year.
 alpha = 0.01
 t = 3.492
 critical = 2.764
 Significant increasing trend.
 Normality test on residuals:
 Shapiro Wilk @alpha = 0.01, calculated = 0.9753, critical = 0.805.

Constituent: pH Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

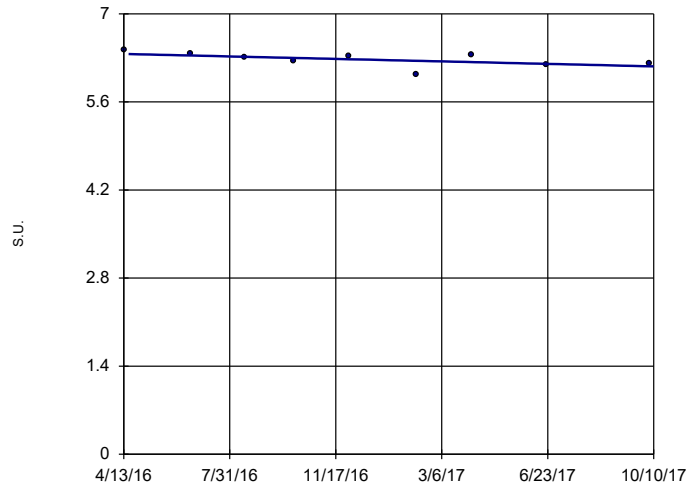
GWC-9



n = 9
 Slope = 0.0158 units/year.
 alpha = 0.01
 t = 0.5123
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha = 0.01, calculated = 0.9569, critical = 0.764.

Constituent: pH Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

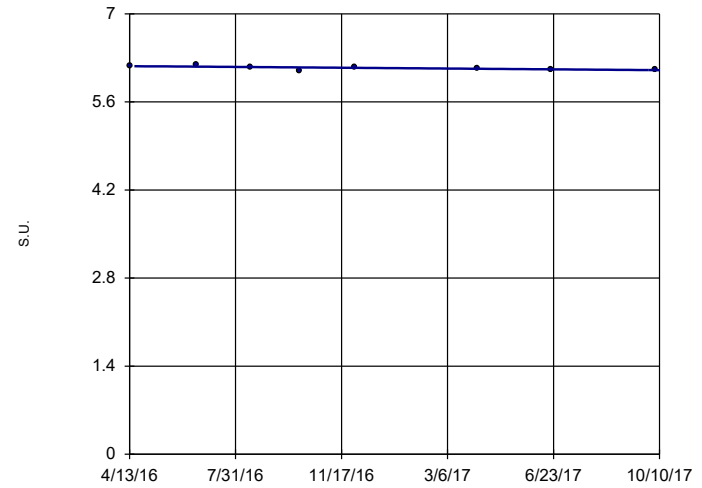
Linear Regression GWC-10



n = 9
 Slope = -0.1323
 units/year.
 alpha = 0.01
 t = -1.811
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha
 = 0.01, calculated
 = 0.9693, critical
 = 0.764.

Constituent: pH Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

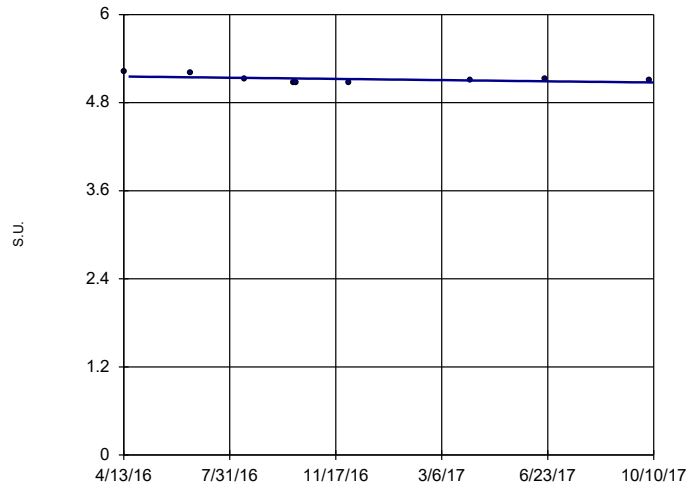
Linear Regression GWC-11



n = 8
 Slope = -0.04225
 units/year.
 alpha = 0.01
 t = -2.436
 critical = 3.143
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha
 = 0.01, calculated
 = 0.8012, critical
 = 0.749.

Constituent: pH Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

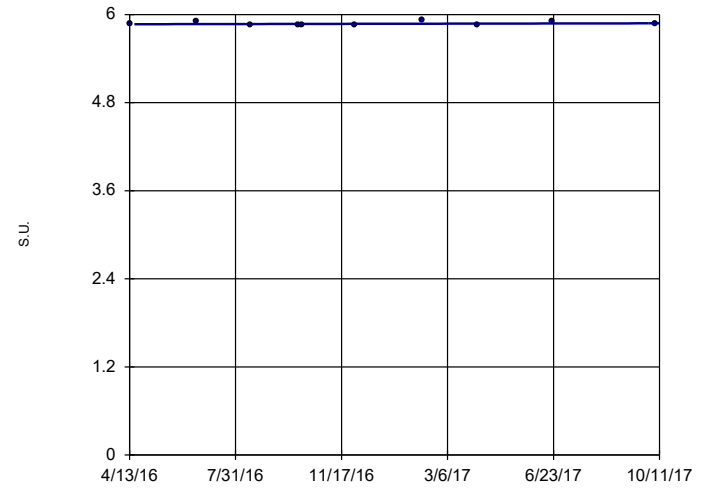
Linear Regression GWC-12



n = 9
 Slope = -0.05469
 units/year.
 alpha = 0.01
 t = -1.459
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha
 = 0.01, calculated
 = 0.9184, critical
 = 0.764.

Constituent: pH Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

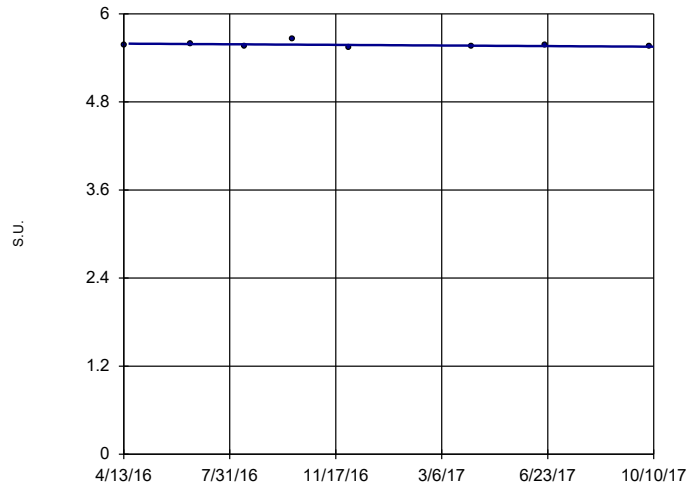
Linear Regression GWC-13



n = 10
 Slope = 0.00848
 units/year.
 alpha = 0.01
 t = 0.4305
 critical = 2.896
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha
 = 0.01, calculated
 = 0.8935, critical
 = 0.781.

Constituent: pH Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

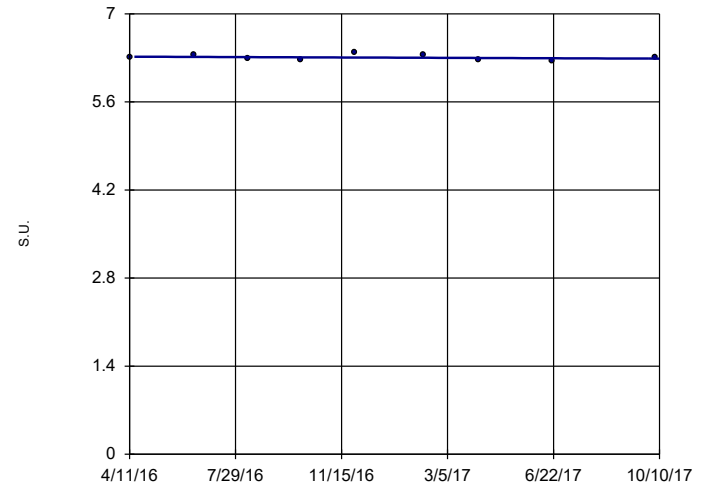
Linear Regression
GWC-14



n = 8
Slope = -0.02788 units/year.
alpha = 0.01
t = -0.9877
critical = 3.143
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.9111, critical = 0.749.

Constituent: pH Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

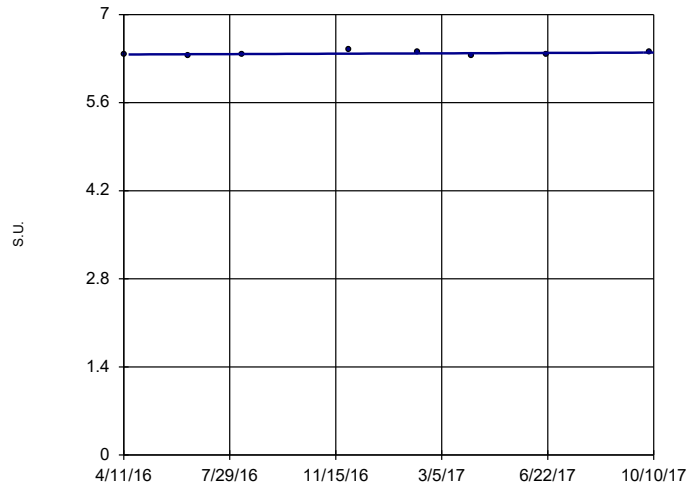
Linear Regression
GWC-18



n = 9
Slope = -0.02044 units/year.
alpha = 0.01
t = -0.5564
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.9112, critical = 0.764.

Constituent: pH Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

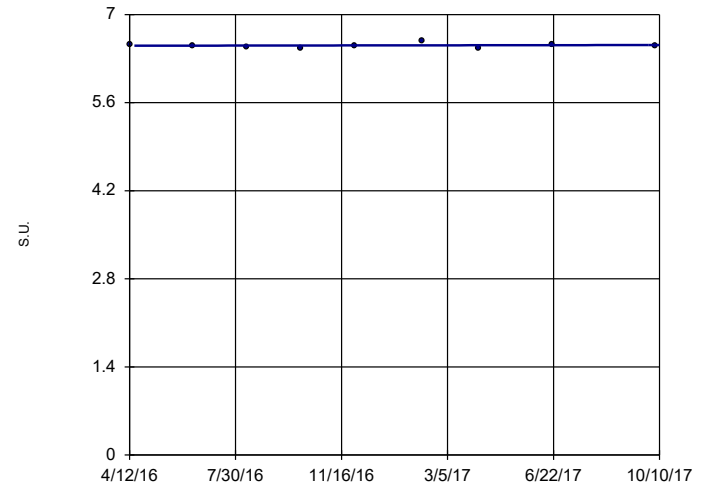
Linear Regression
GWC-19



n = 8
Slope = 0.02002 units/year.
alpha = 0.01
t = 0.8044
critical = 3.143
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.9273, critical = 0.749.

Constituent: pH Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression
GWC-20

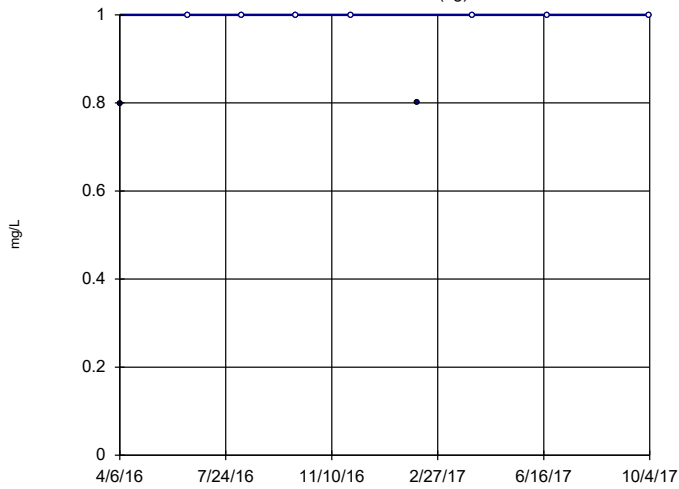


n = 9
Slope = 0.007171 units/year.
alpha = 0.01
t = 0.2407
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.9382, critical = 0.764.

Constituent: pH Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWA-15 (bg)

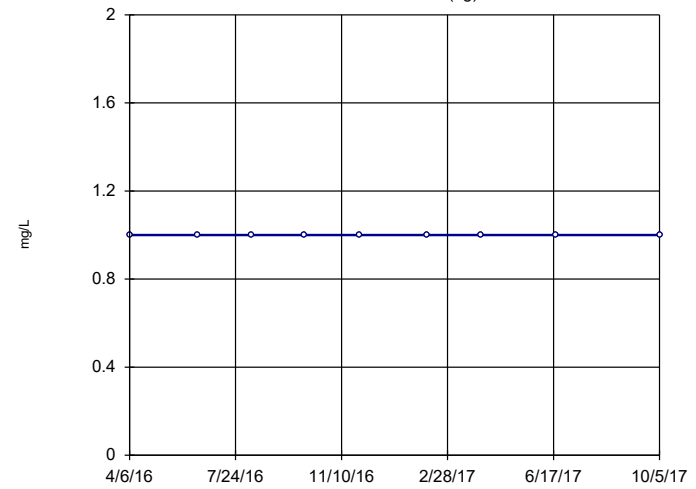


n = 9
Slope = 0
units per year.
Mann-Kendall
statistic = 7
critical = 25
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).
Sen's Slope/Mann-
Kendall used in
lieu of Linear
Regression because
censored data
exceeded 75%.

Constituent: Sulfate Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWA-16 (bg)

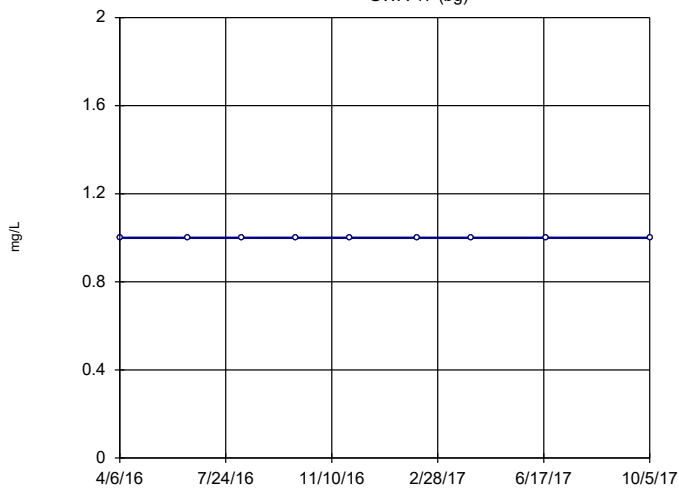


n = 9
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 25
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).
Sen's Slope/Mann-
Kendall used in
lieu of Linear
Regression because
censored data
exceeded 75%.

Constituent: Sulfate Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWA-17 (bg)

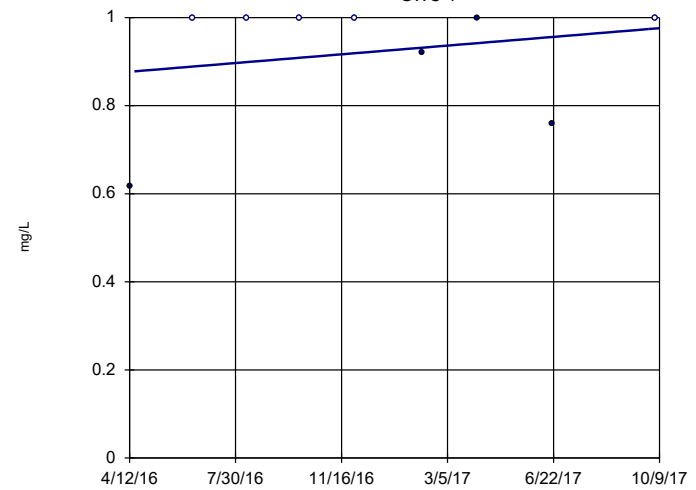


n = 9
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 25
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).
Sen's Slope/Mann-
Kendall used in
lieu of Linear
Regression because
censored data
exceeded 75%.

Constituent: Sulfate Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

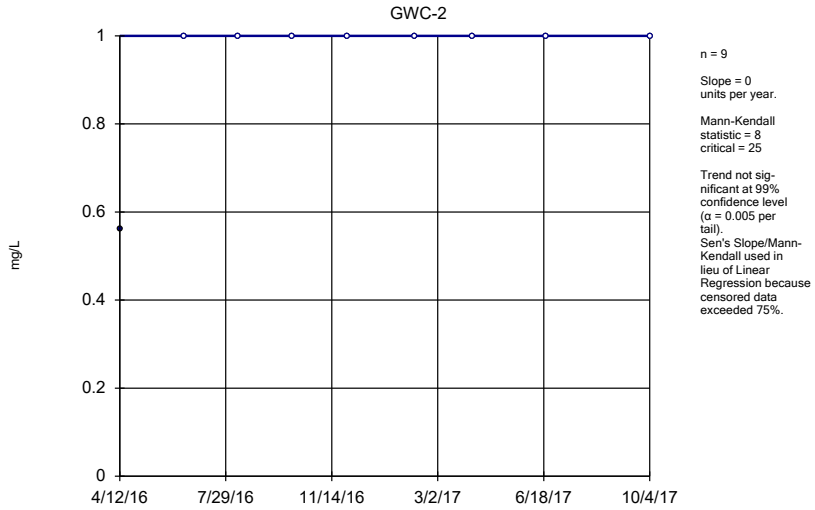
GWC-1



n = 9
55.56% NDs
Slope = 0.06628
units/year.
alpha = 0.01
t = 0.6254
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.7859, critical
= 0.764.

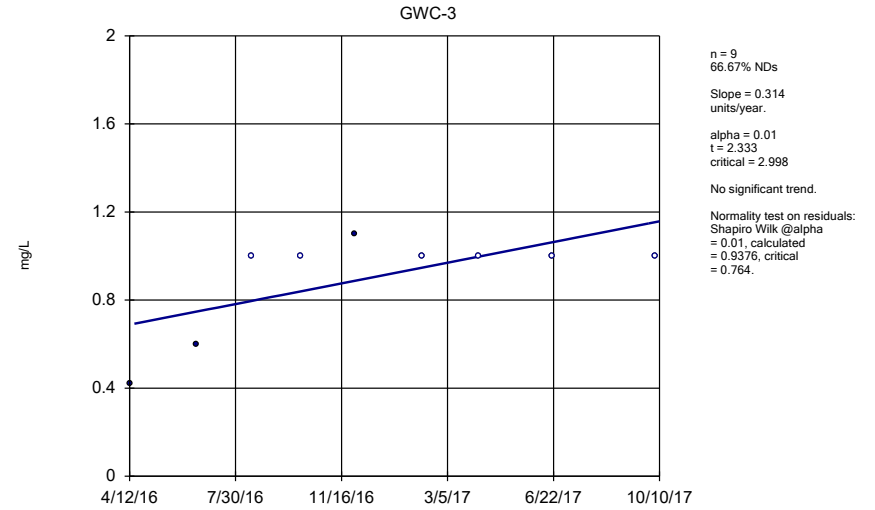
Constituent: Sulfate Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator



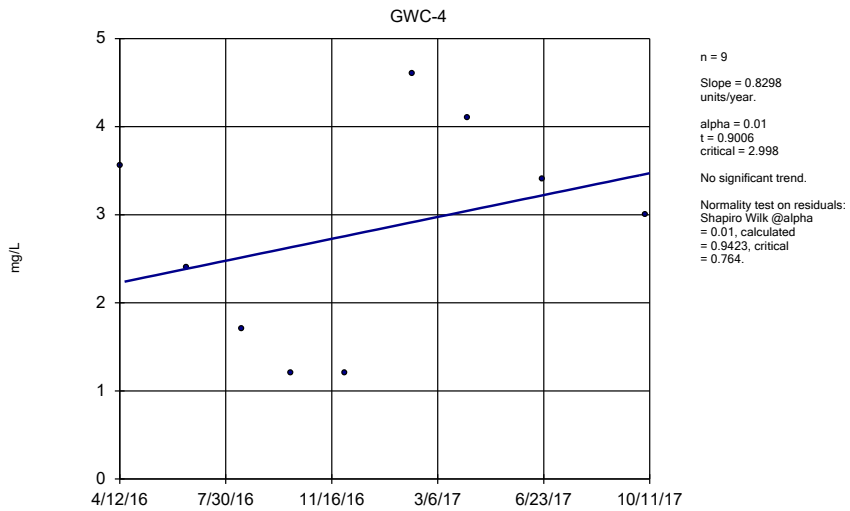
Constituent: Sulfate Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression



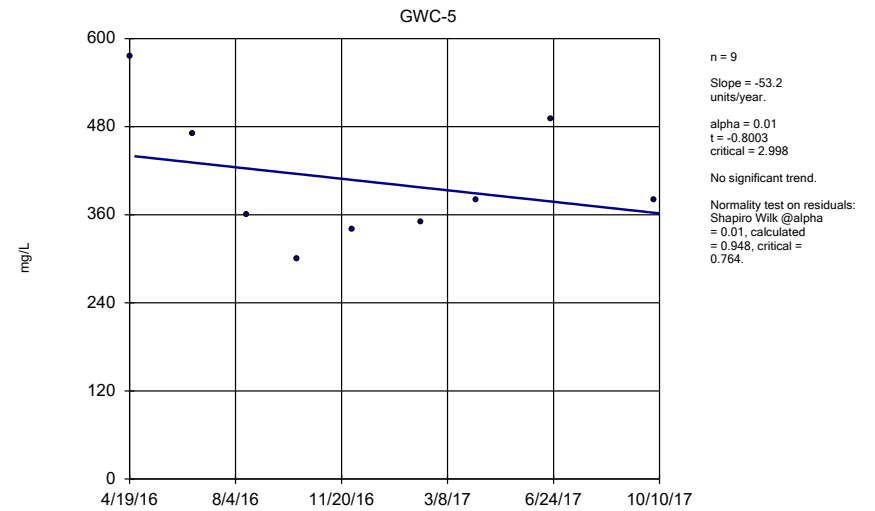
Constituent: Sulfate Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression



Constituent: Sulfate Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

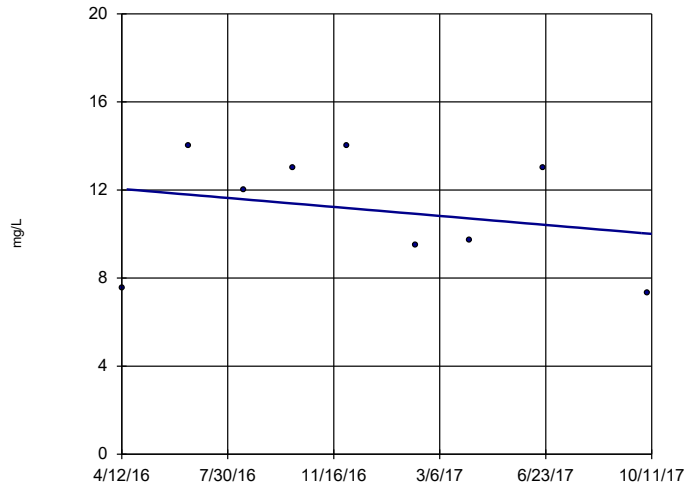
Linear Regression



Constituent: Sulfate Analysis Run 4/12/2018 11:42 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

GWC-6



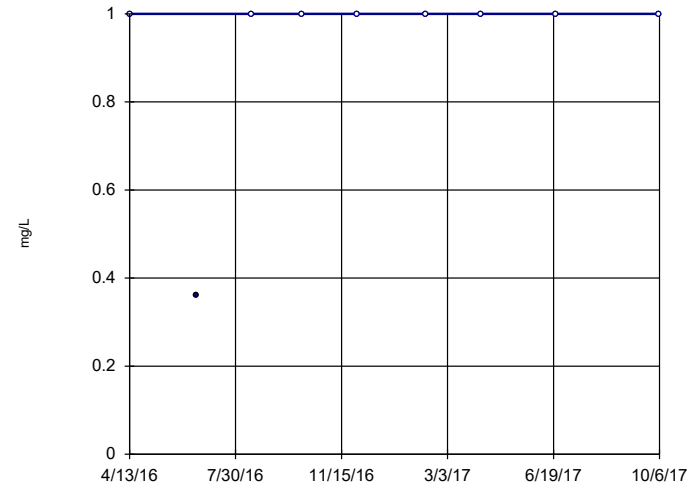
n = 9
 Slope = -1.364 units/year.
 alpha = 0.01
 t = -0.6778
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha = 0.01, calculated = 0.9239, critical = 0.764.

Constituent: Sulfate Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-7

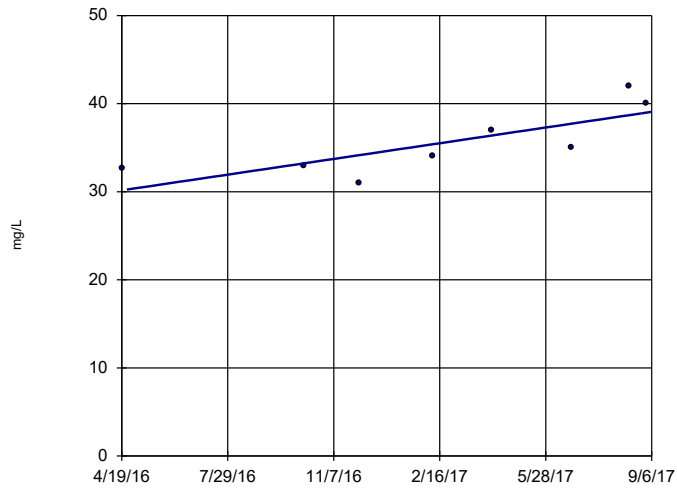


n = 9
 Slope = 0 units per year.
 Mann-Kendall statistic = 6
 critical = 25
 Trend not significant at 99% confidence level (alpha = 0.005 per tail).
 Sen's Slope/Mann-Kendall used in lieu of Linear Regression because censored data exceeded 75%.

Constituent: Sulfate Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

GWC-8A

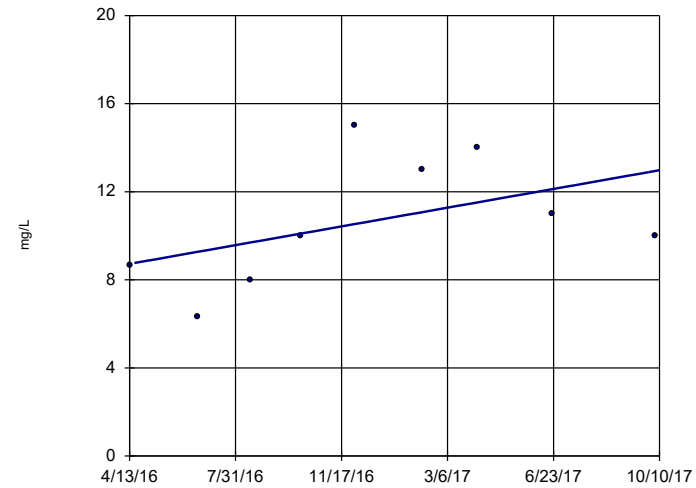


n = 8
 Slope = 6.447 units/year.
 alpha = 0.01
 t = 3.149
 critical = 3.143
 Significant increasing trend.
 Normality test on residuals:
 Shapiro Wilk @alpha = 0.01, calculated = 0.9576, critical = 0.749.

Constituent: Sulfate Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

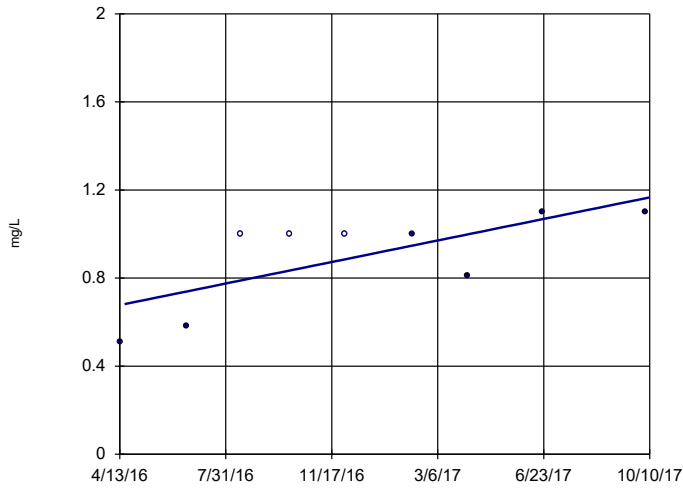
GWC-9



n = 9
 Slope = 2.851 units/year.
 alpha = 0.01
 t = 1.433
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha = 0.01, calculated = 0.9403, critical = 0.764.

Constituent: Sulfate Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

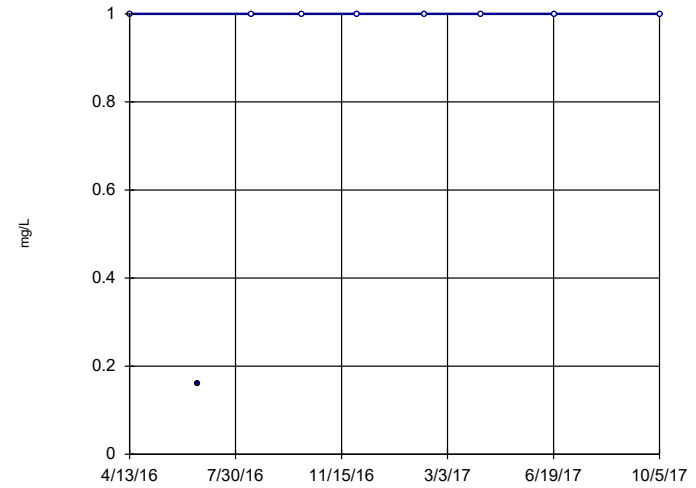
Linear Regression
GWC-10



n = 9
33.33% NDs
Slope = 0.3278
units/year.
alpha = 0.01
t = 2.775
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.9174, critical
= 0.764.

Constituent: Sulfate Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

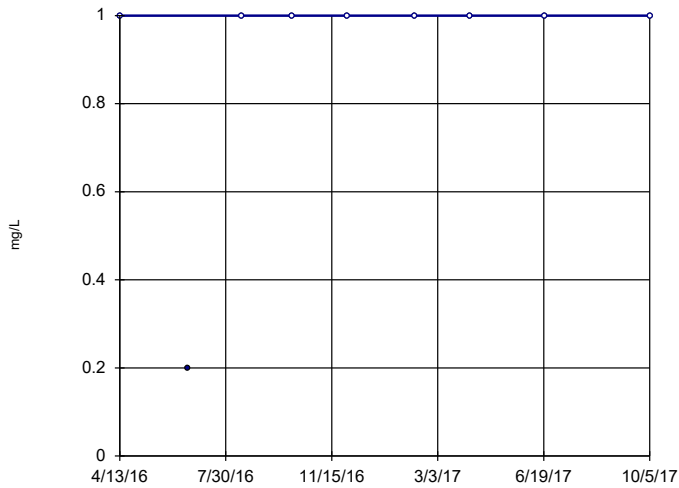
Sen's Slope Estimator
GWC-11



n = 9
Slope = 0
units per year.
Mann-Kendall
statistic = 6
critical = 25
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).
Sen's Slope/Mann-
Kendall used in
lieu of Linear
Regression because
censored data
exceeded 75%.

Constituent: Sulfate Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

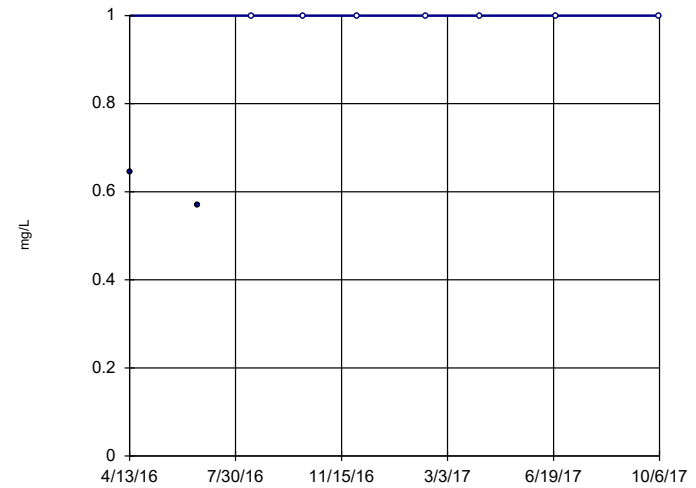
Sen's Slope Estimator
GWC-12



n = 9
Slope = 0
units per year.
Mann-Kendall
statistic = 6
critical = 25
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).
Sen's Slope/Mann-
Kendall used in
lieu of Linear
Regression because
censored data
exceeded 75%.

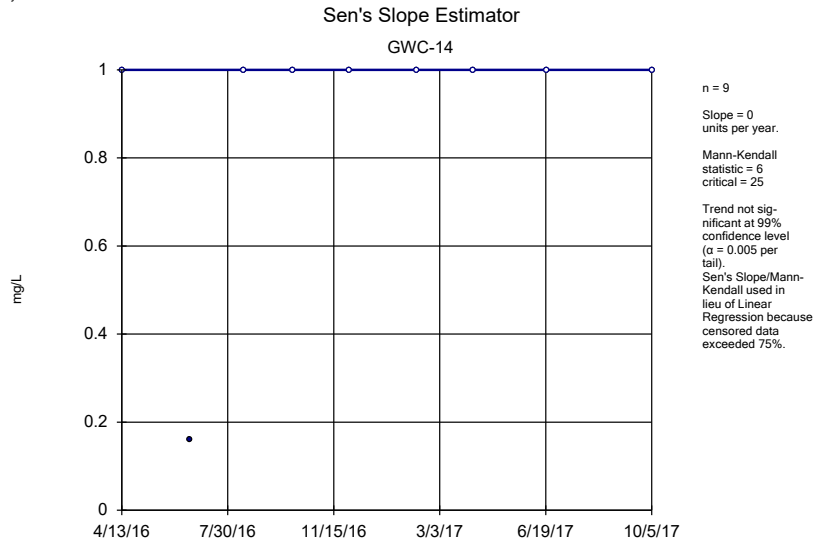
Constituent: Sulfate Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator
GWC-13

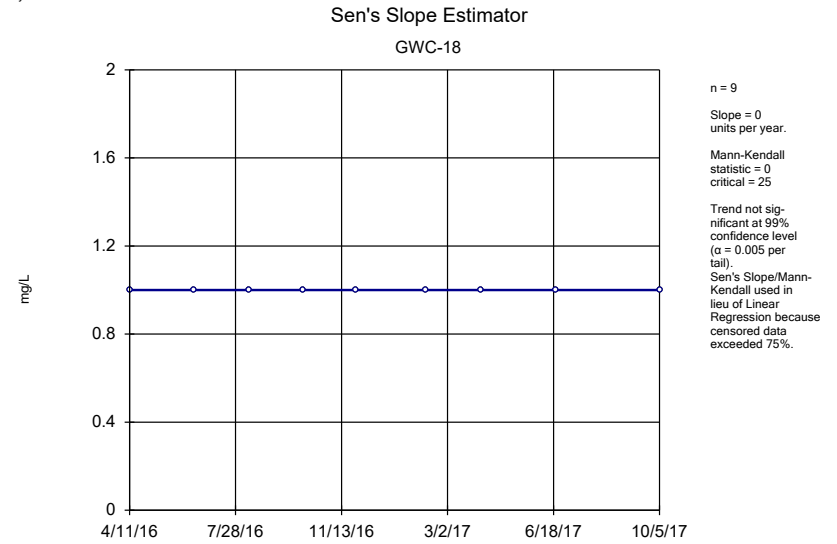


n = 9
Slope = 0
units per year.
Mann-Kendall
statistic = 13
critical = 25
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).
Sen's Slope/Mann-
Kendall used in
lieu of Linear
Regression because
censored data
exceeded 75%.

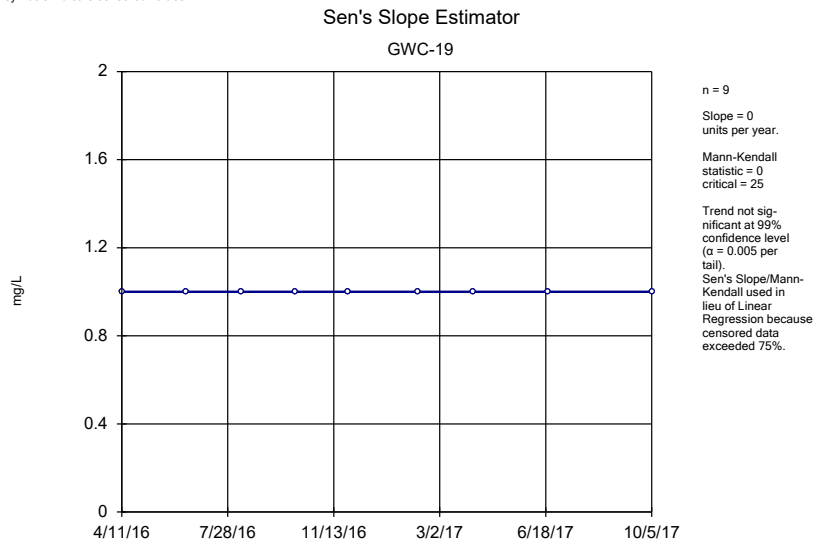
Constituent: Sulfate Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR



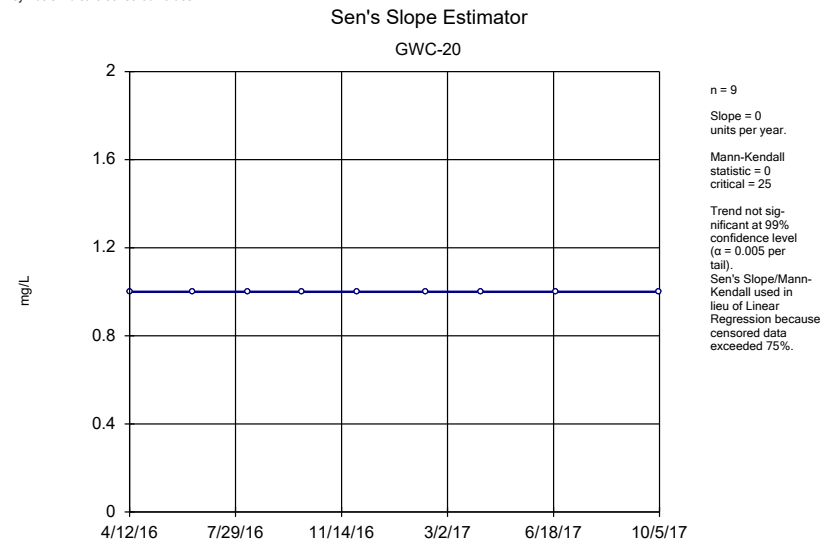
Constituent: Sulfate Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR



Constituent: Sulfate Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR



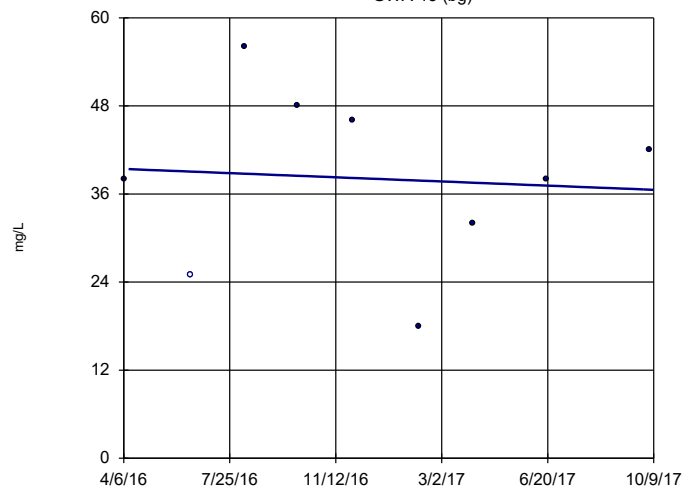
Constituent: Sulfate Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR



Constituent: Sulfate Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

GWA-15 (bg)

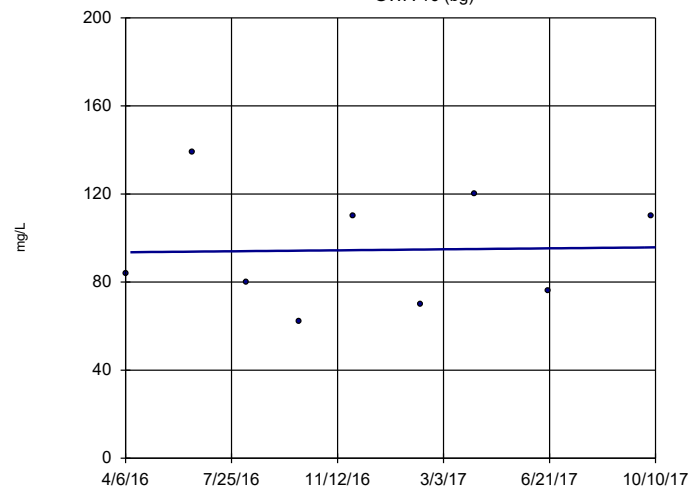


n = 9
 11.11% NDs
 Slope = -1.884
 units/year.
 alpha = 0.01
 t = -0.2069
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha
 = 0.01, calculated
 = 0.9736, critical
 = 0.764.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

GWA-16 (bg)

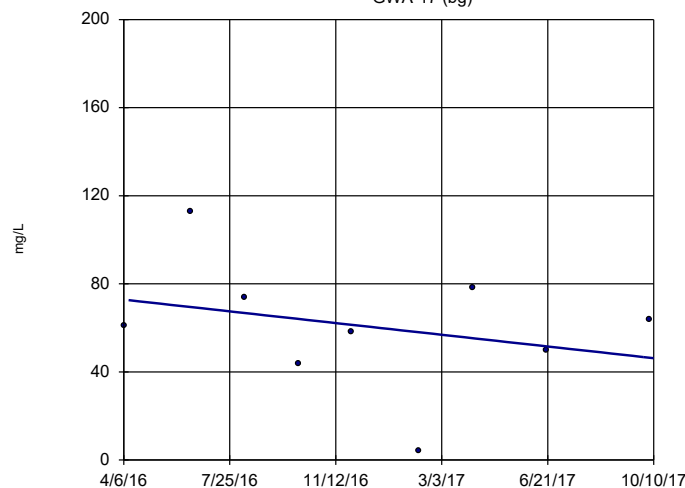


n = 9
 Slope = 1.467
 units/year.
 alpha = 0.01
 t = 0.07275
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha
 = 0.01, calculated
 = 0.9371, critical
 = 0.764.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

GWA-17 (bg)

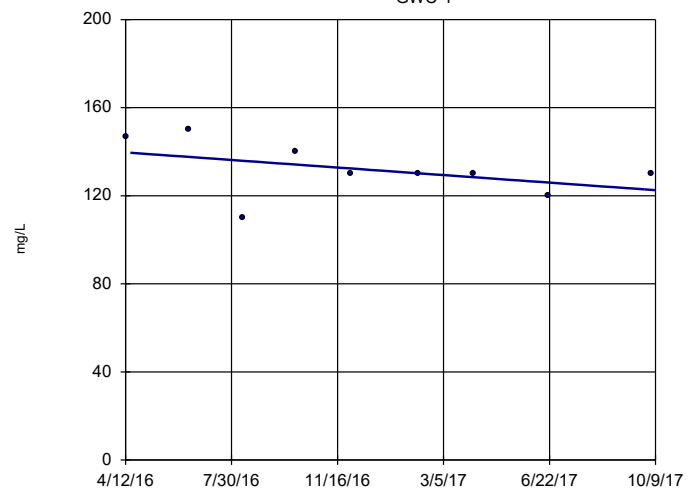


n = 9
 Slope = -17.59
 units/year.
 alpha = 0.01
 t = -0.8125
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha
 = 0.01, calculated
 = 0.9772, critical
 = 0.764.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

GWC-1

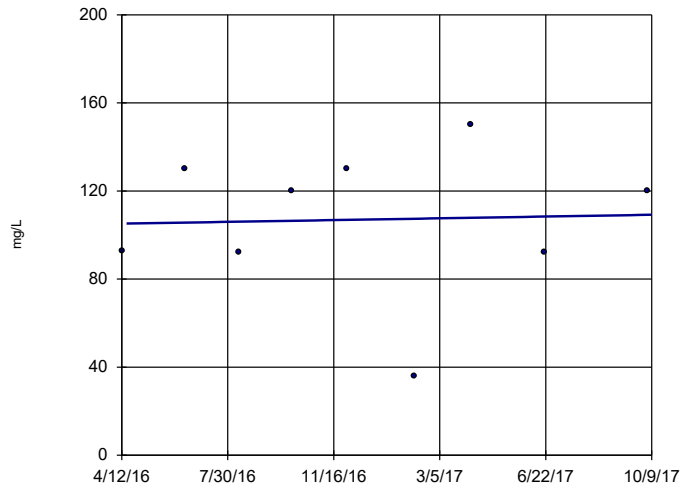


n = 9
 Slope = -11.5
 units/year.
 alpha = 0.01
 t = -1.312
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha
 = 0.01, calculated
 = 0.8535, critical
 = 0.764.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

GWC-2

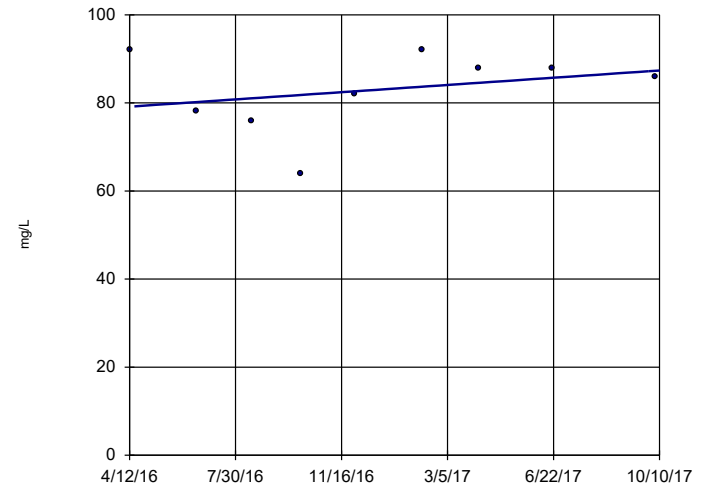


n = 9
 Slope = 2.709
 units/year.
 alpha = 0.01
 t = 0.104
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha
 = 0.01, calculated
 = 0.9055, critical
 = 0.764.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

GWC-3

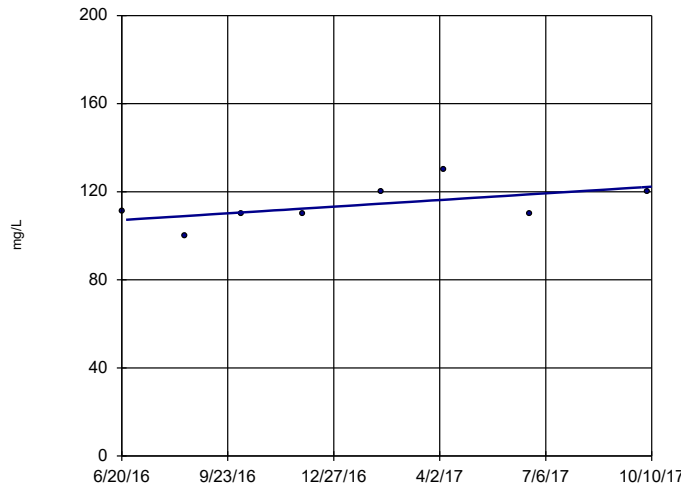


n = 9
 Slope = 5.49
 units/year.
 alpha = 0.01
 t = 0.8091
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha
 = 0.01, calculated
 = 0.9459, critical
 = 0.764.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

GWC-4

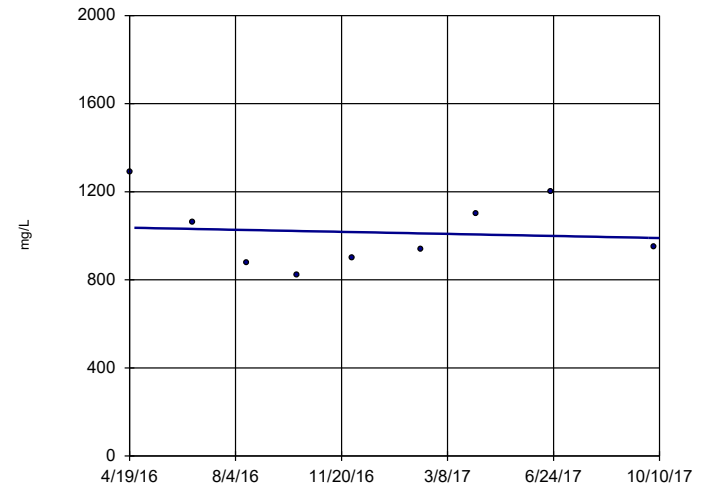


n = 8
 Slope = 11.59
 units/year.
 alpha = 0.01
 t = 1.649
 critical = 3.143
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha
 = 0.01, calculated
 = 0.9393, critical
 = 0.749.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Linear Regression

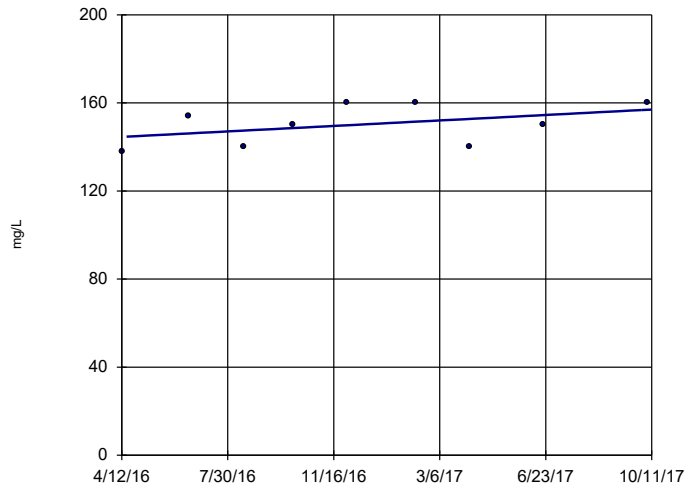
GWC-5



n = 9
 Slope = -31.74
 units/year.
 alpha = 0.01
 t = -0.2564
 critical = 2.998
 No significant trend.
 Normality test on residuals:
 Shapiro Wilk @alpha
 = 0.01, calculated
 = 0.9481, critical
 = 0.764.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

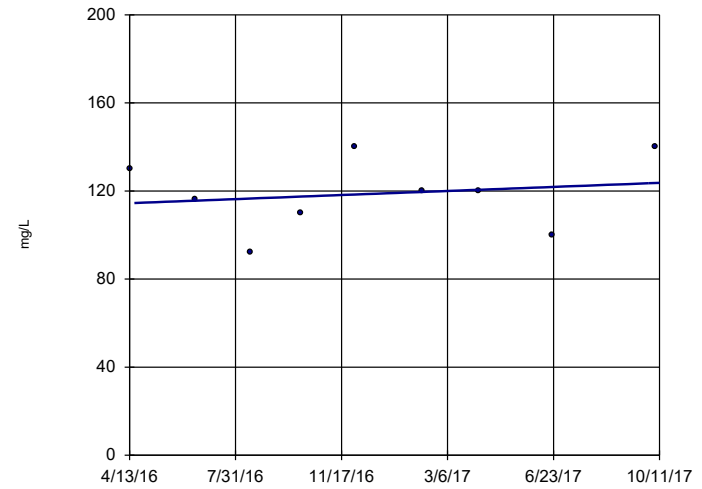
Linear Regression
GWC-6



n = 9
Slope = 8.308
units/year.
alpha = 0.01
t = 1.305
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.9322, critical
= 0.764.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

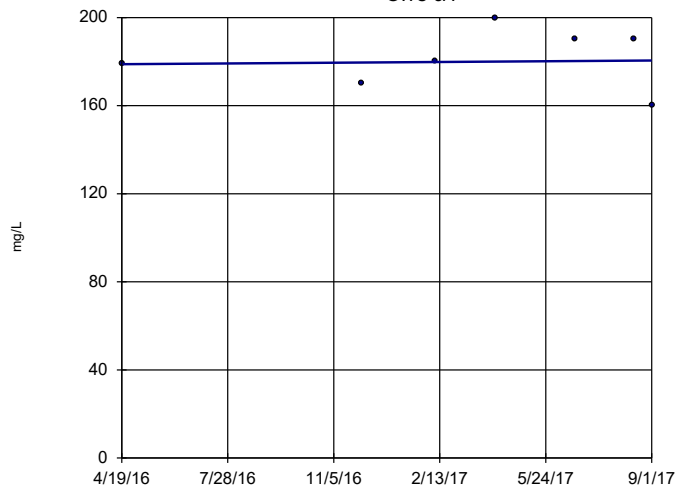
Linear Regression
GWC-7



n = 9
Slope = 6.173
units/year.
alpha = 0.01
t = 0.486
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.9254, critical
= 0.764.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

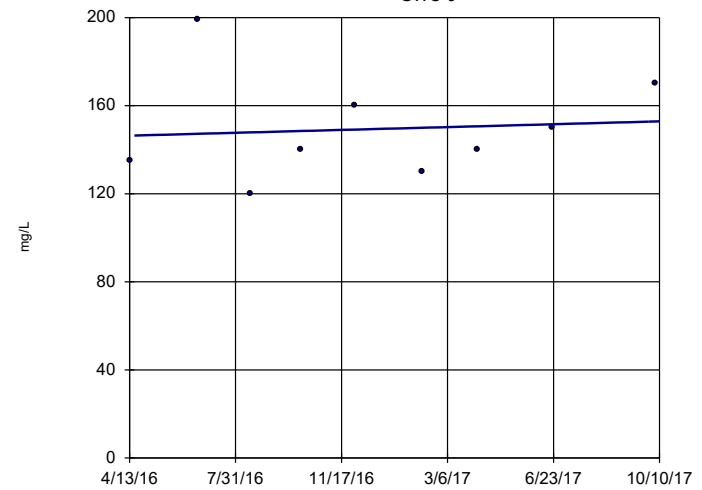
Sen's Slope Estimator
GWC-8A



n = 7
Slope = 1.233
units per year.
Mann-Kendall
statistic = 2
critical = 18
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).
Sen's Slope/Mann-
Kendall substituted
because the sample
size was insufficient
for Linear Regression.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

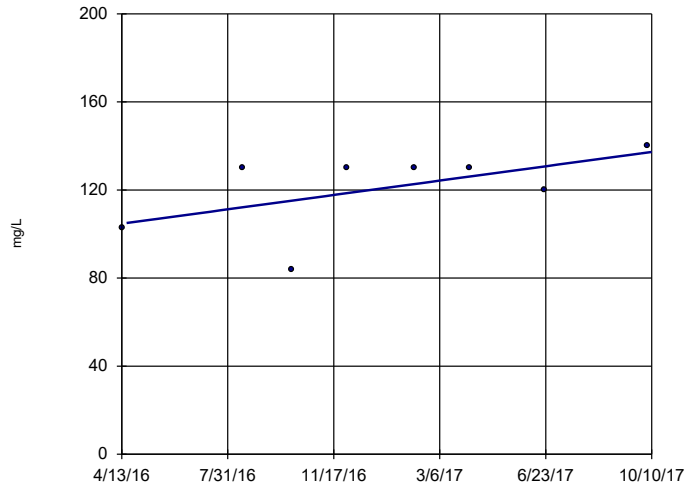
Linear Regression
GWC-9



n = 9
Slope = 4.346
units/year.
alpha = 0.01
t = 0.2313
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.8987, critical
= 0.764.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

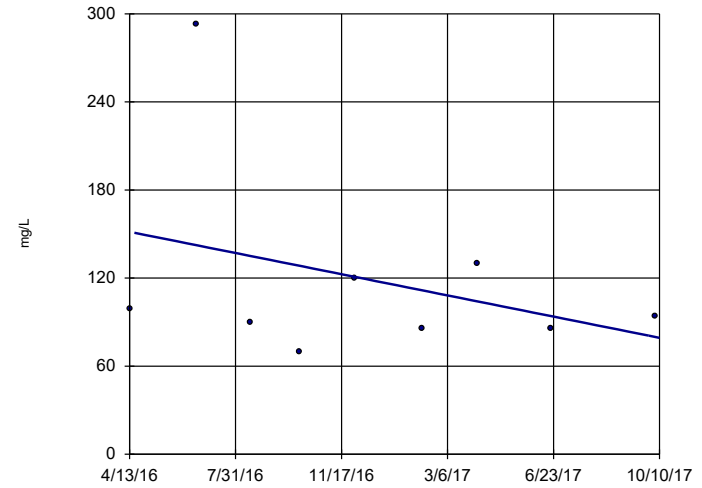
Linear Regression
GWC-10



n = 8
Slope = 21.86 units/year.
alpha = 0.01
t = 1.679
critical = 3.143
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.9076, critical = 0.749.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

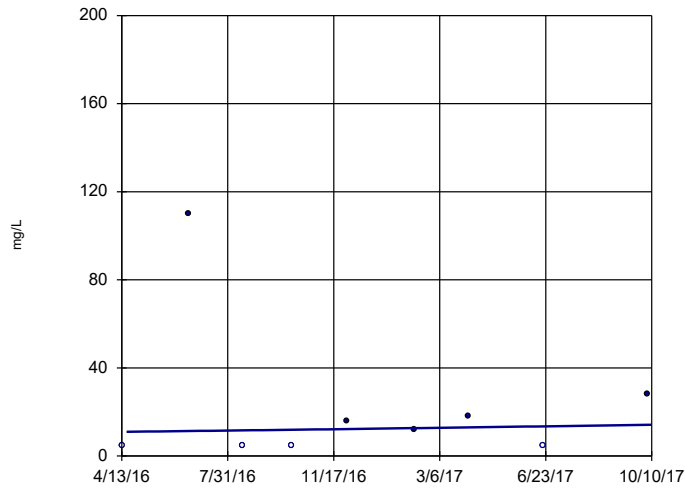
Linear Regression
GWC-11



n = 9
Slope = -48.38 units/year.
alpha = 0.01
t = -0.9703
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.8132, critical = 0.764.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

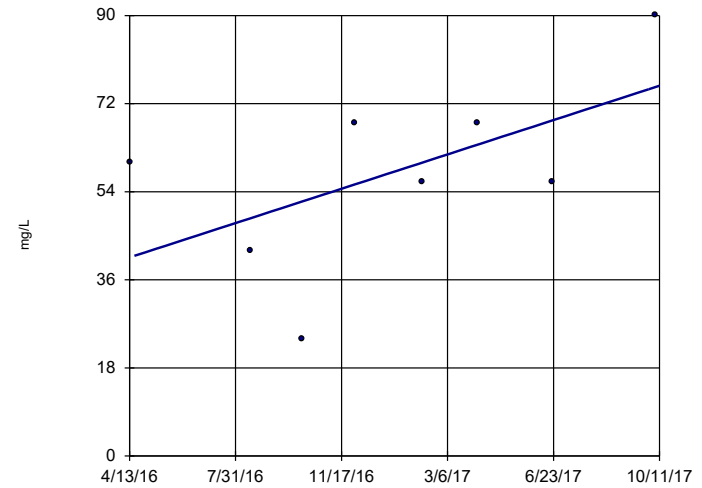
Linear Regression
GWC-12



n = 9
44.44% NDs
Slope = 0.1734 natural log units/year.
alpha = 0.01
t = 0.2097
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.8553 after natural log transformation, critical = 0.764.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

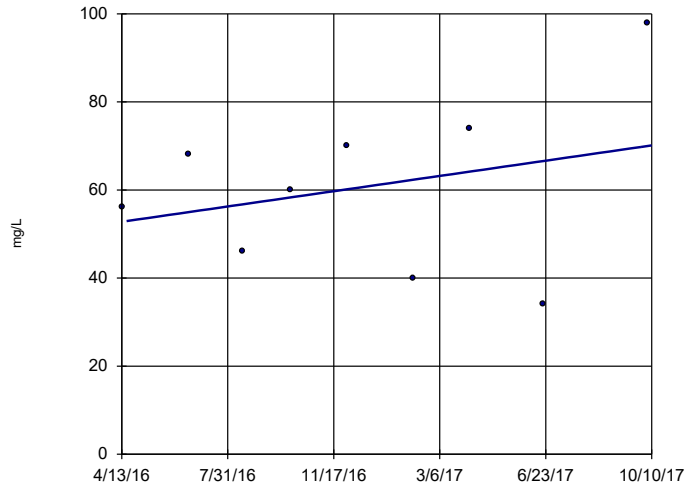
Linear Regression
GWC-13



n = 8
Slope = 23.47 units/year.
alpha = 0.01
t = 1.728
critical = 3.143
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.9554, critical = 0.749.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

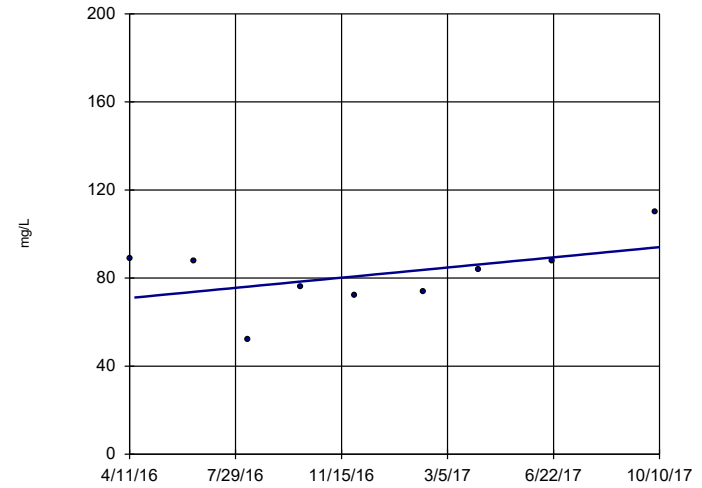
Linear Regression
GWC-14



n = 9
Slope = 11.62 units/year.
alpha = 0.01
t = 0.7871
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.9528, critical = 0.764.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

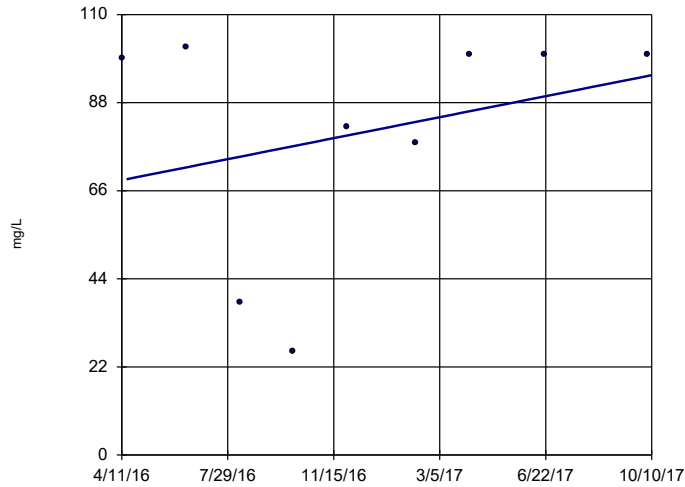
Linear Regression
GWC-18



n = 9
Slope = 15.42 units/year.
alpha = 0.01
t = 1.421
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.9222, critical = 0.764.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

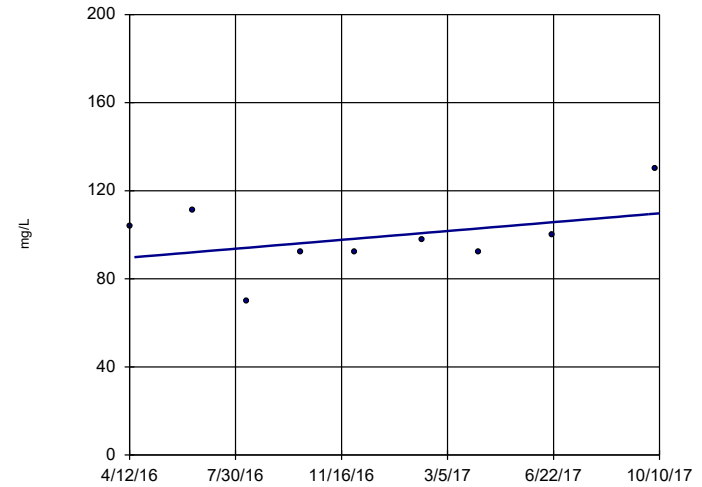
Linear Regression
GWC-19



n = 9
Slope = 17.51 units/year.
alpha = 0.01
t = 0.8112
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.8955, critical = 0.764.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

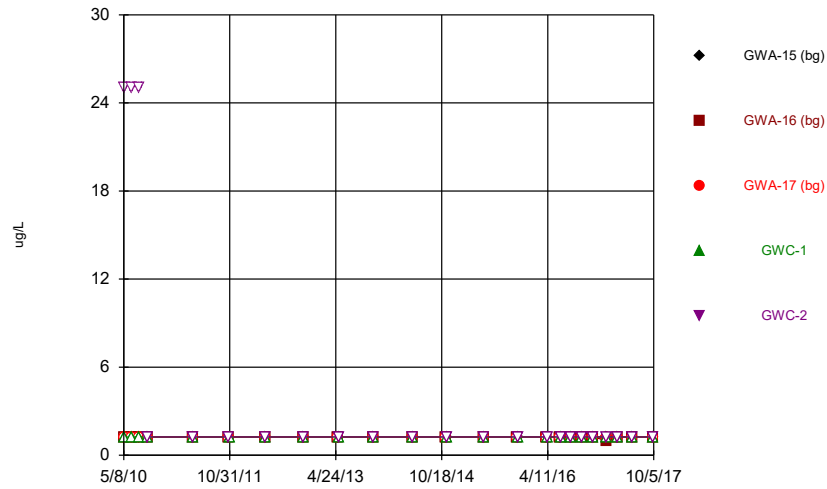
Linear Regression
GWC-20



n = 9
Slope = 13.45 units/year.
alpha = 0.01
t = 1.159
critical = 2.998
No significant trend.
Normality test on residuals:
Shapiro Wilk @alpha = 0.01, calculated = 0.9108, critical = 0.764.

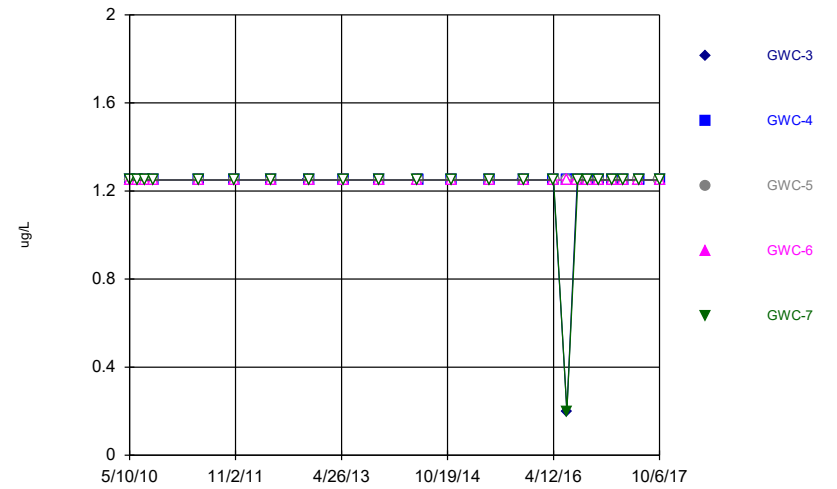
Constituent: Total Dissolved Solids Analysis Run 4/12/2018 11:43 AM View: App III Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



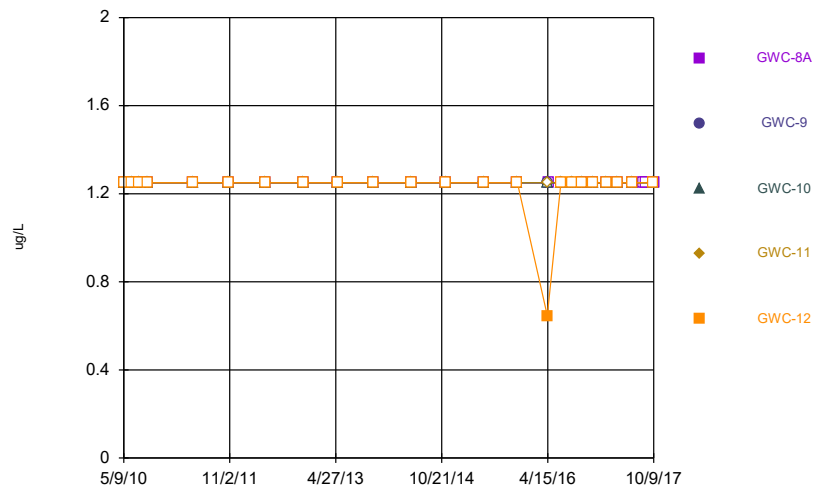
Constituent: Antimony, Total Analysis Run 3/19/2018 8:25 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



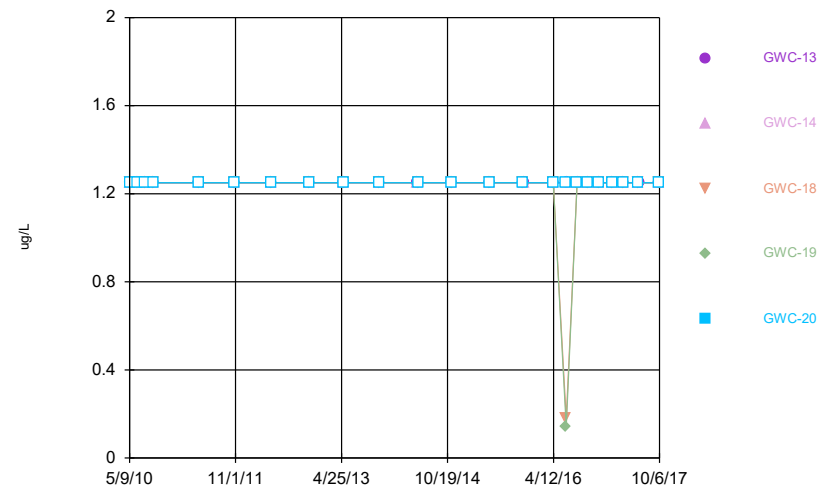
Constituent: Antimony, Total Analysis Run 3/19/2018 8:25 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



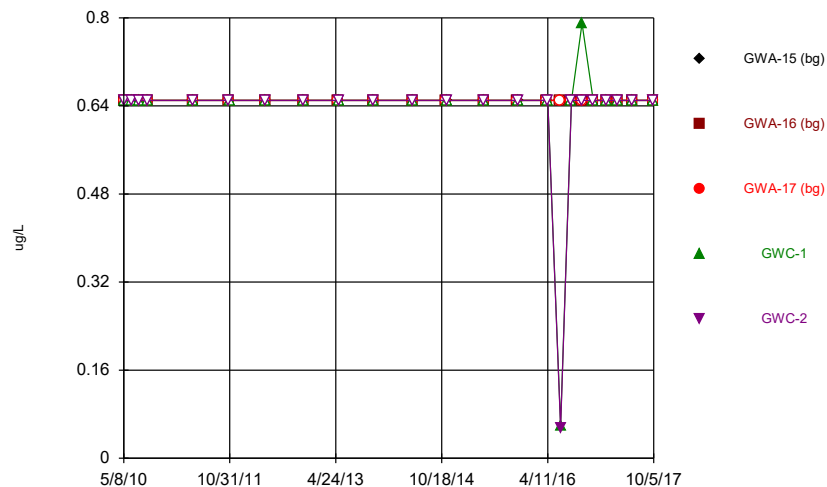
Constituent: Antimony, Total Analysis Run 3/19/2018 8:25 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



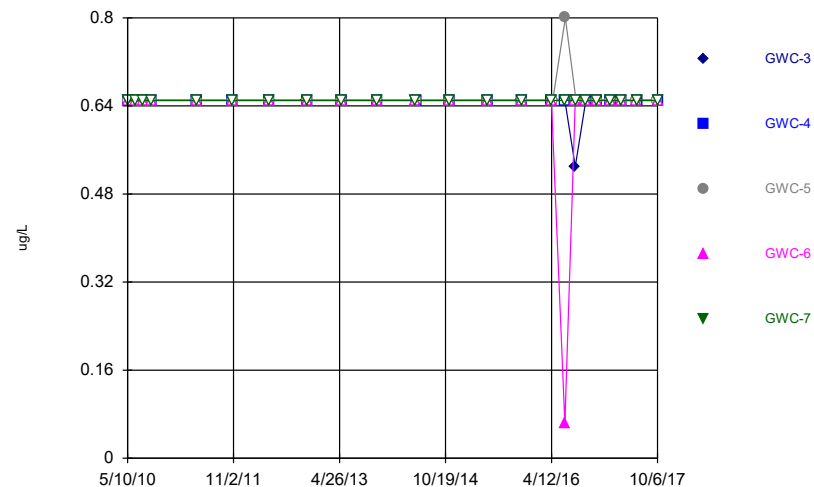
Constituent: Antimony, Total Analysis Run 3/19/2018 8:25 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



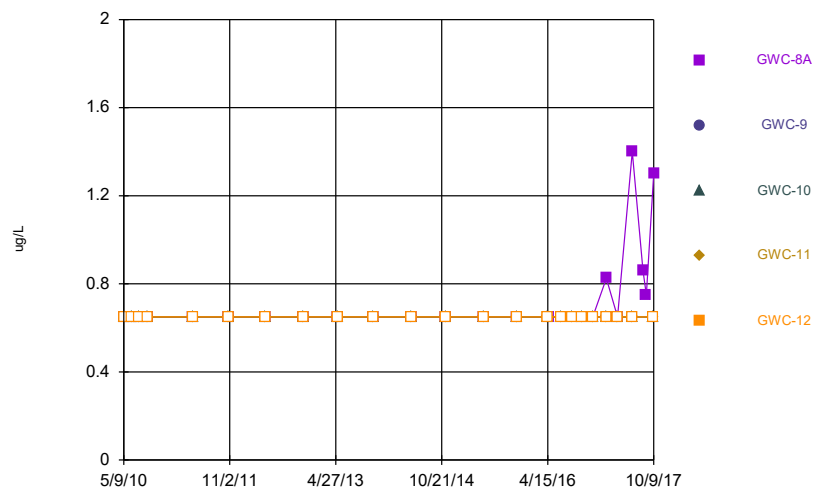
Constituent: Arsenic, Total Analysis Run 3/19/2018 8:25 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



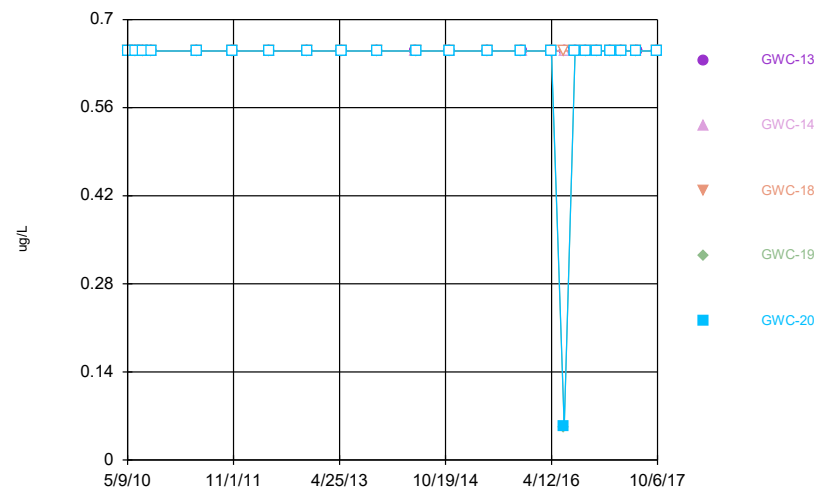
Constituent: Arsenic, Total Analysis Run 3/19/2018 8:25 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



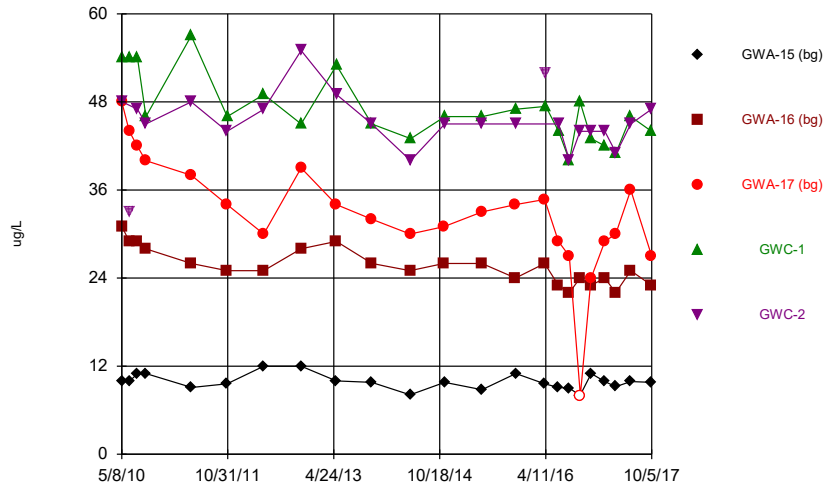
Constituent: Arsenic, Total Analysis Run 3/19/2018 8:25 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



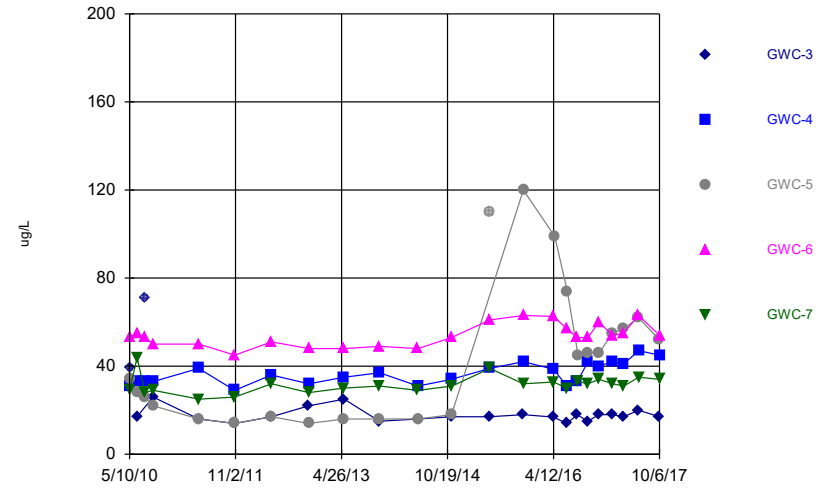
Constituent: Arsenic, Total Analysis Run 3/19/2018 8:25 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



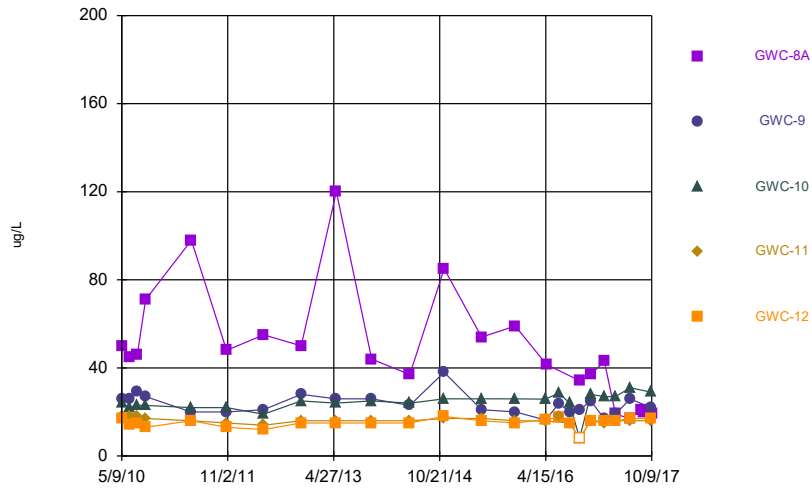
Constituent: Barium, Total Analysis Run 3/19/2018 8:25 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



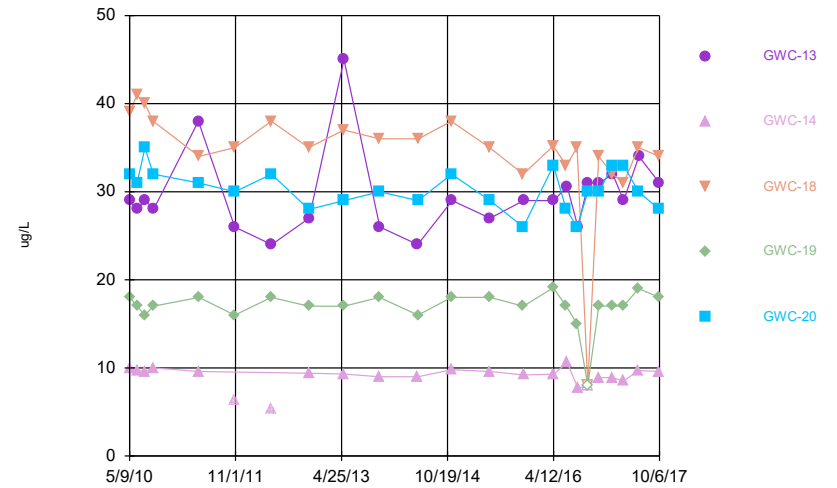
Constituent: Barium, Total Analysis Run 3/19/2018 8:25 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



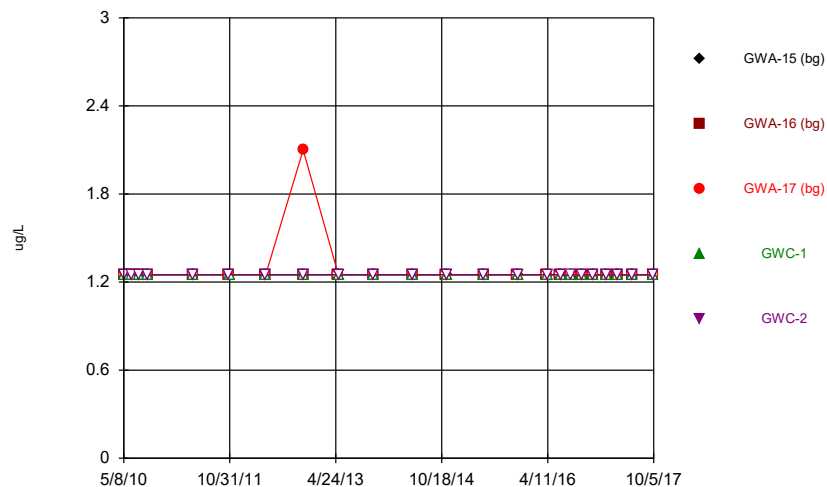
Constituent: Barium, Total Analysis Run 3/19/2018 8:25 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



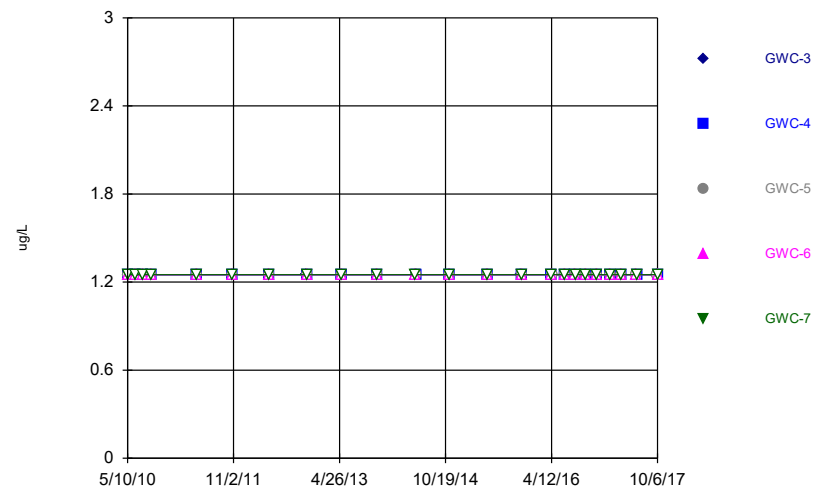
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



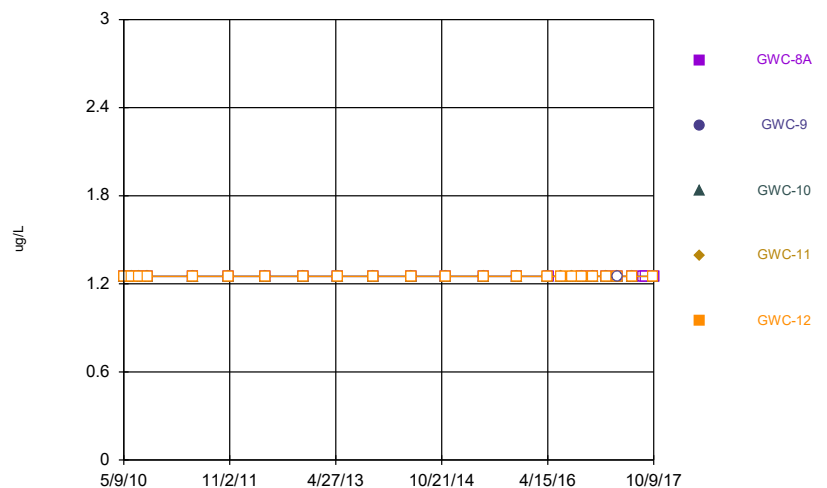
Constituent: Beryllium, Total Analysis Run 3/19/2018 8:25 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



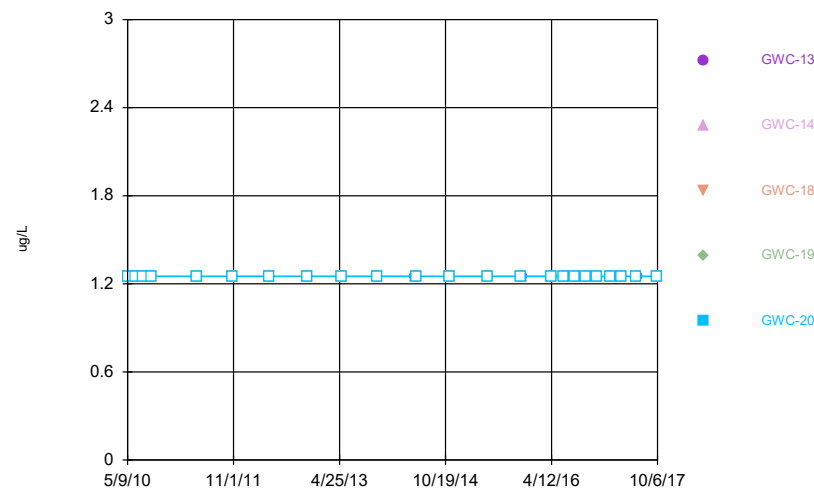
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



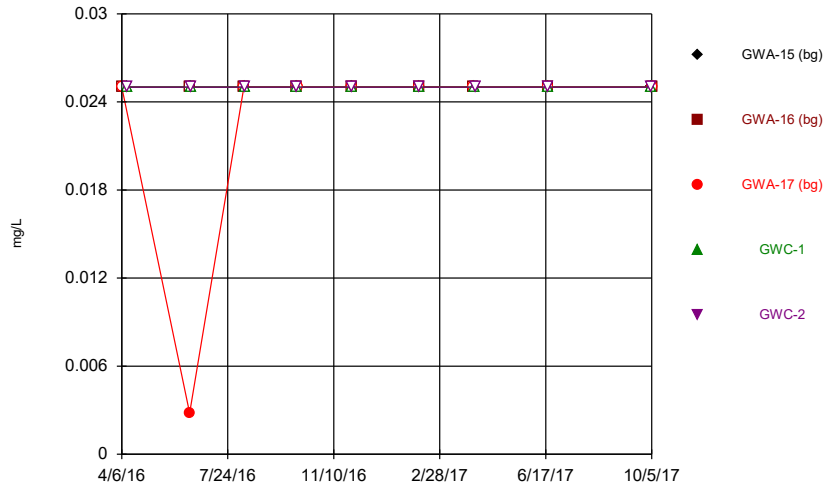
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



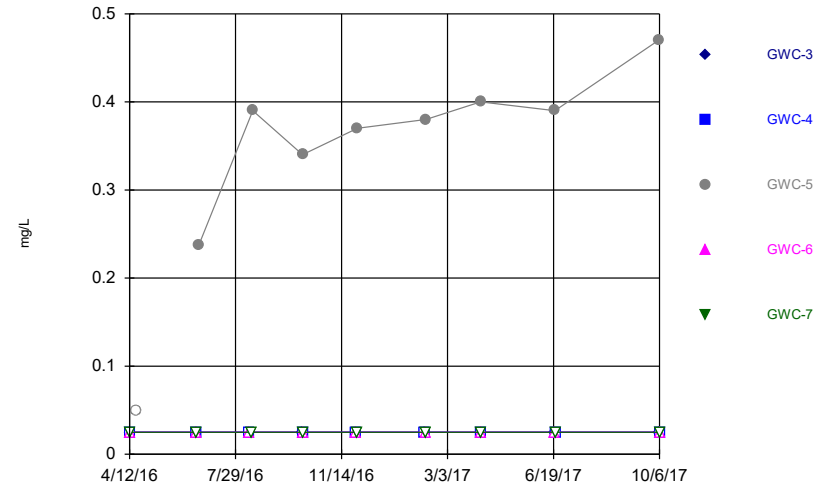
Constituent: Beryllium, Total Analysis Run 3/19/2018 8:25 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



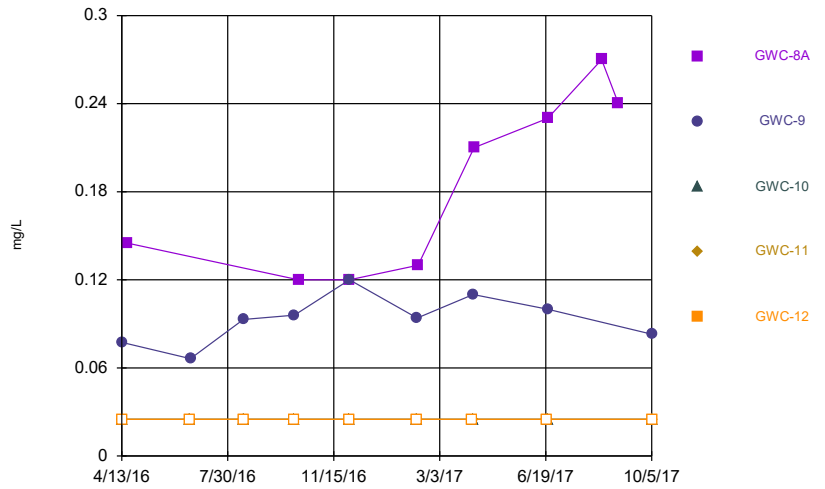
Constituent: Boron Analysis Run 3/19/2018 8:25 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



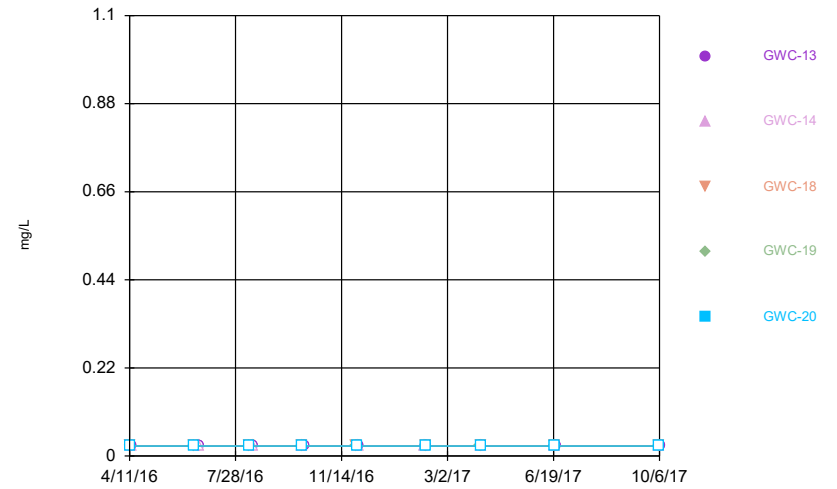
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



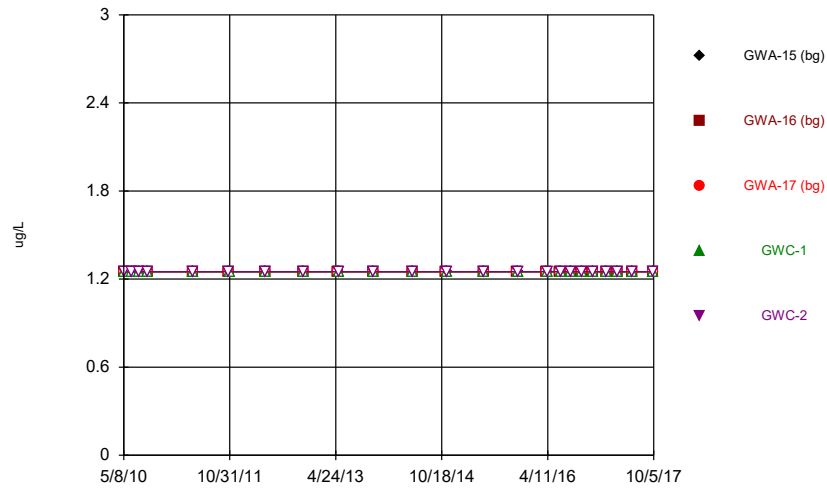
Constituent: Boron Analysis Run 3/19/2018 8:25 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



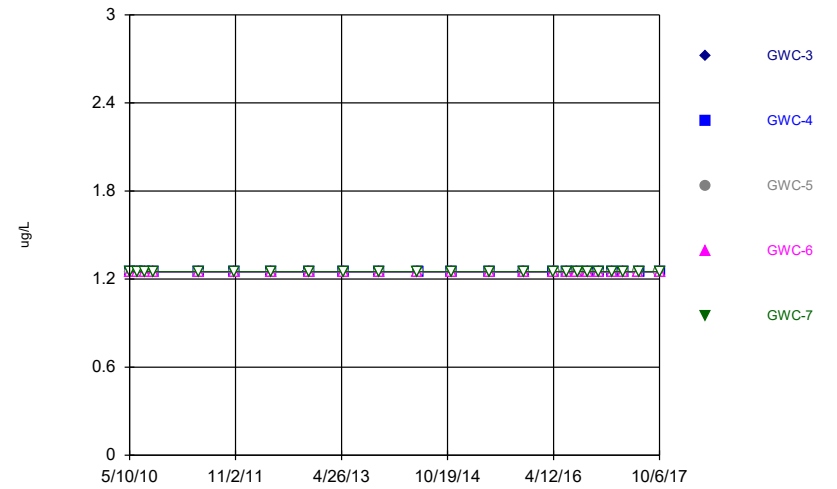
Constituent: Boron Analysis Run 3/19/2018 8:25 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



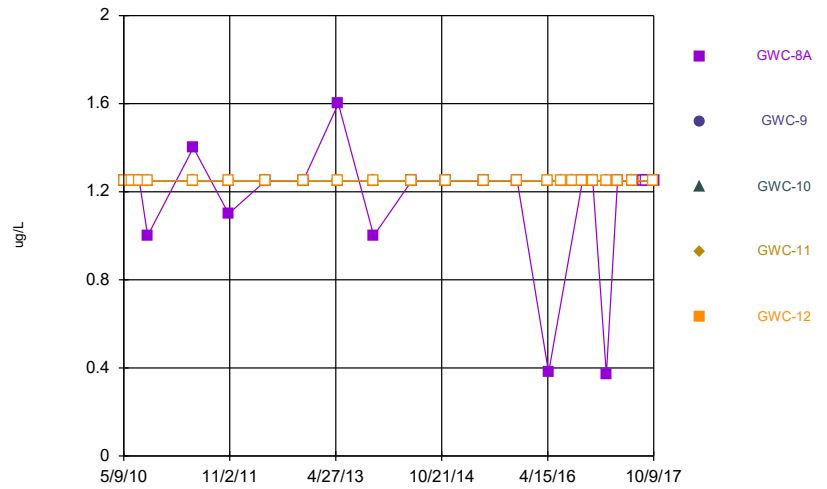
Constituent: Cadmium, Total Analysis Run 3/19/2018 8:25 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



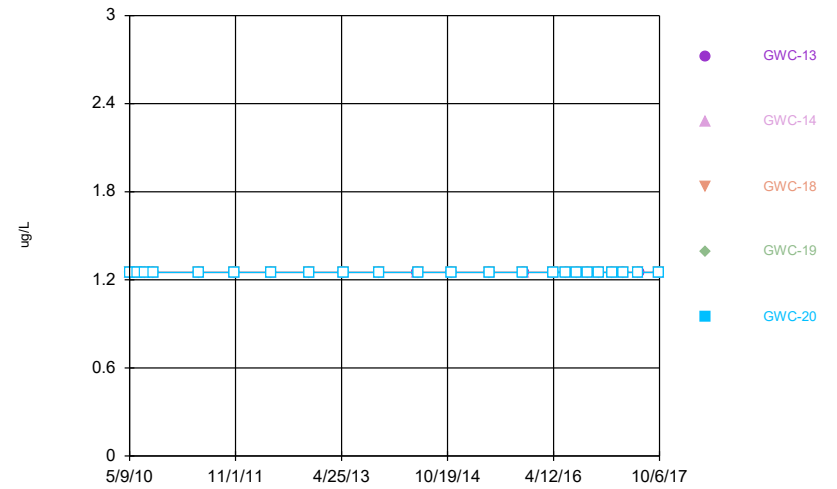
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



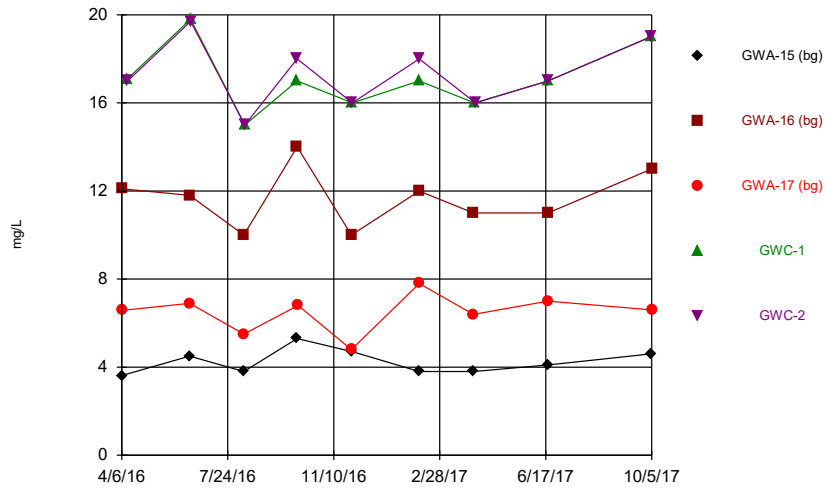
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



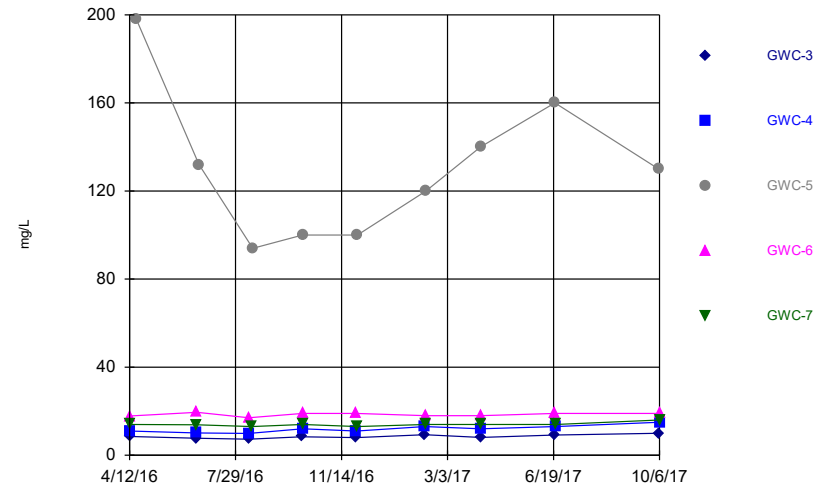
Constituent: Cadmium, Total Analysis Run 3/19/2018 8:25 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



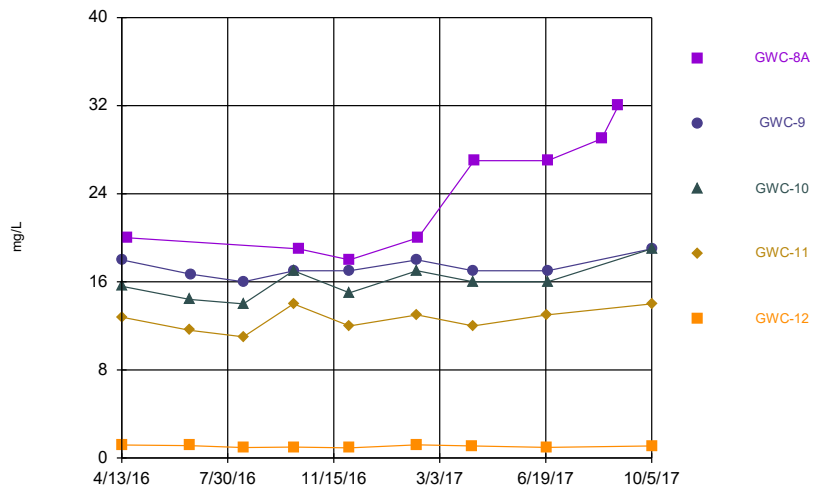
Constituent: Calcium Analysis Run 3/19/2018 8:25 AM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



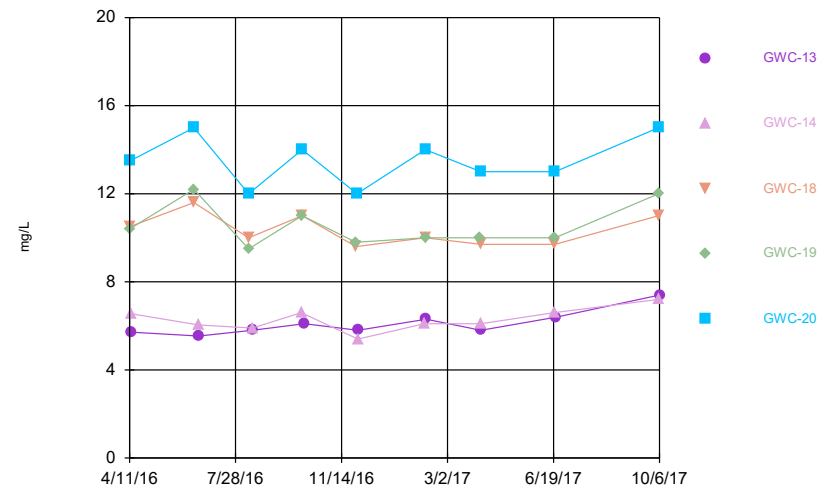
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 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



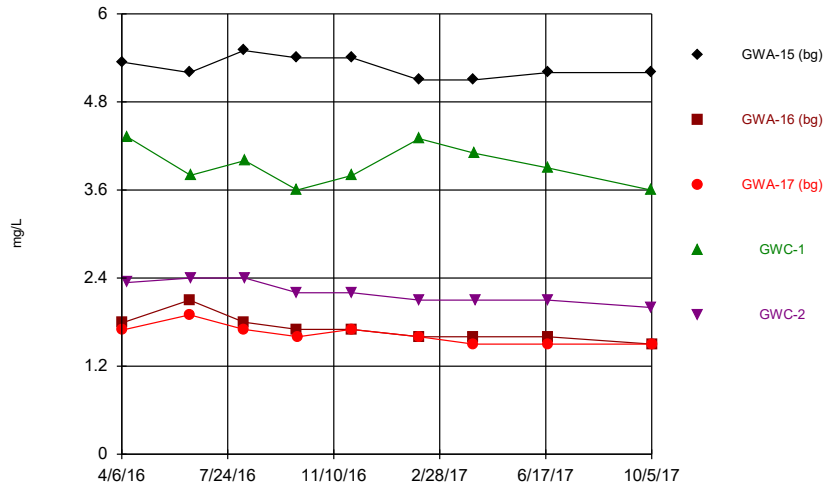
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 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



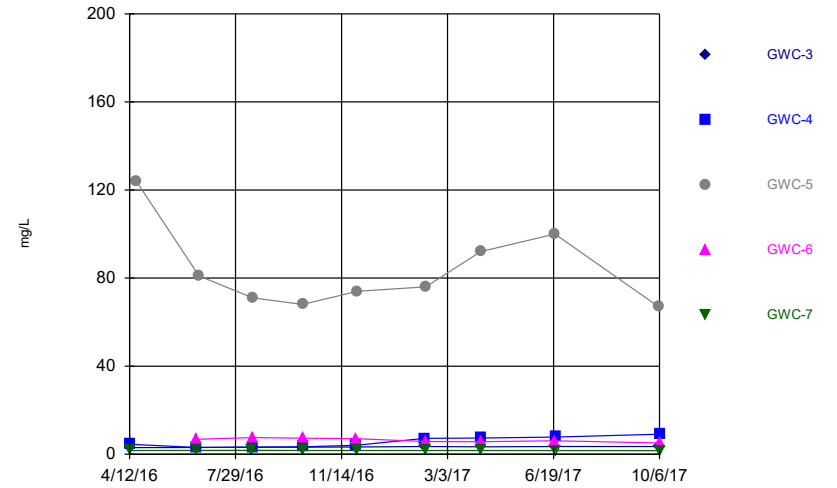
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 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



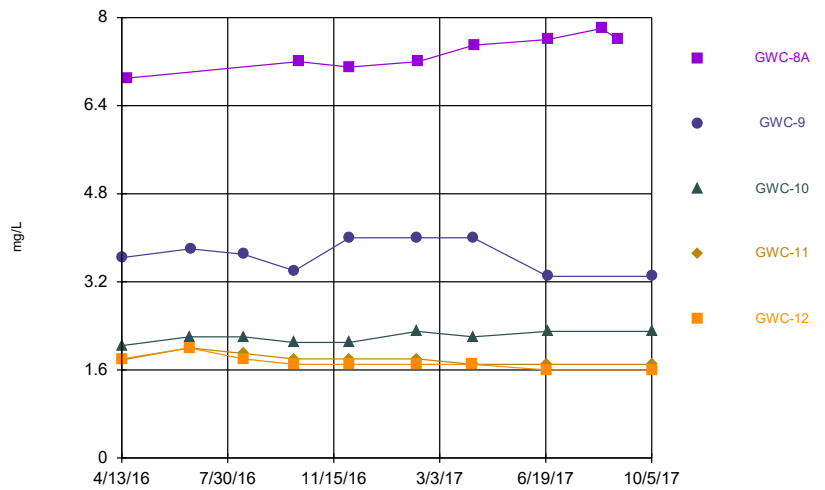
Constituent: Chloride Analysis Run 3/19/2018 8:26 AM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



Constituent: Chloride Analysis Run 3/19/2018 8:26 AM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

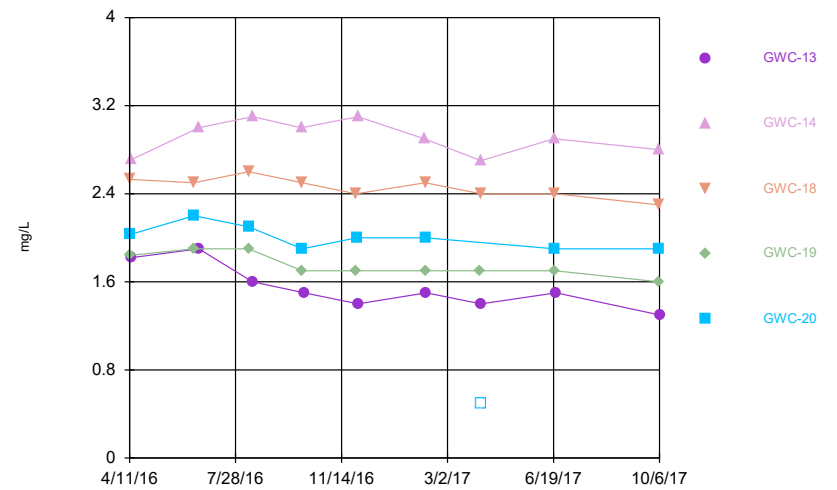
Time Series



Constituent: Chloride Analysis Run 3/19/2018 8:26 AM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

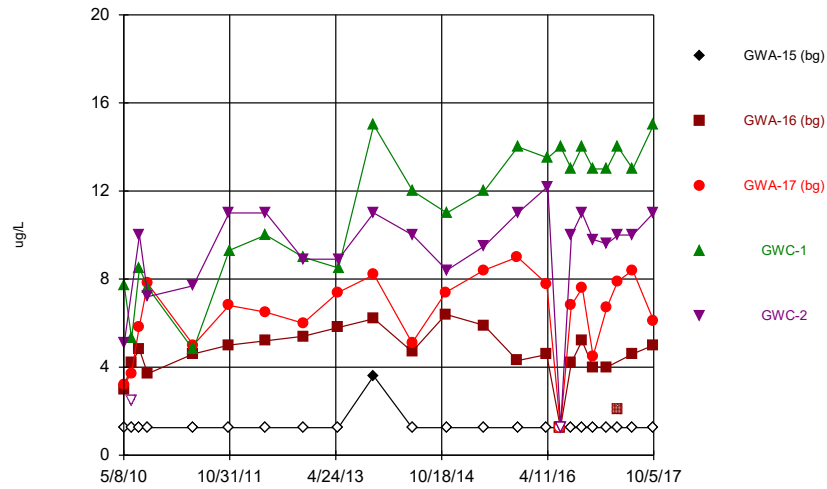
Hollow symbols indicate censored values.

Time Series



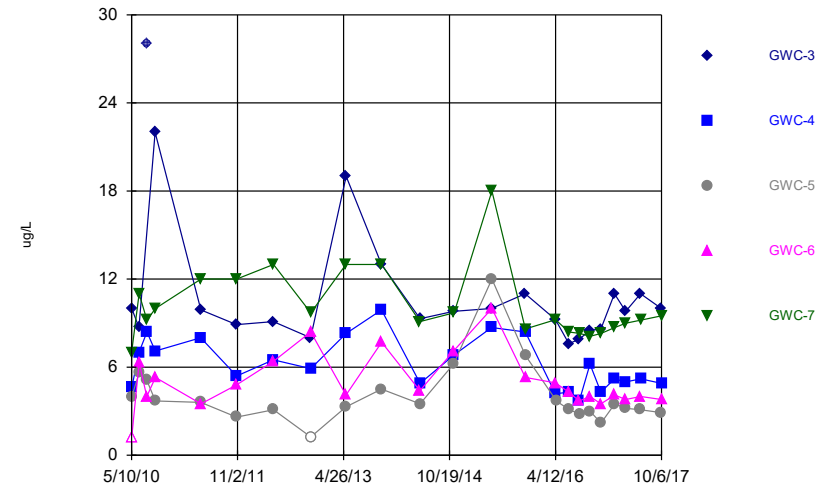
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 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



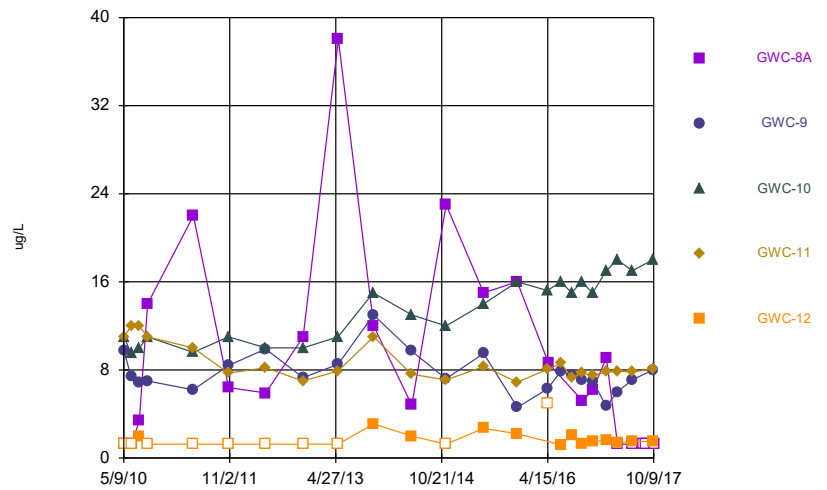
Constituent: Chromium, Total Analysis Run 3/19/2018 8:26 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



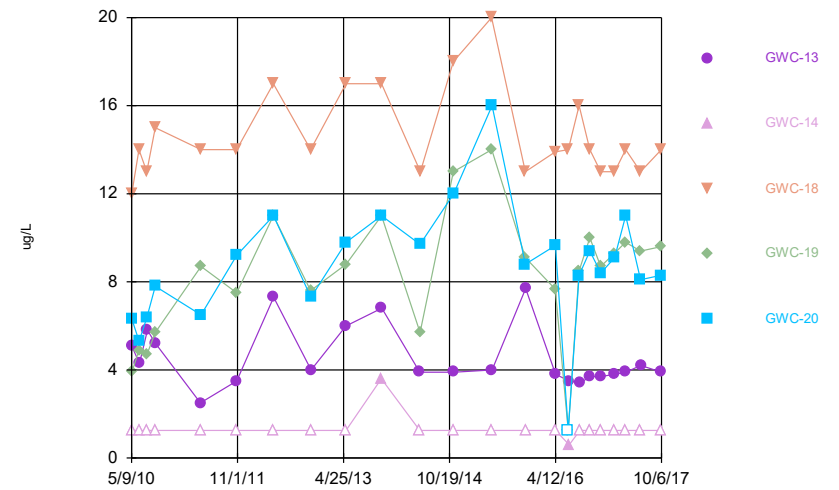
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Time Series



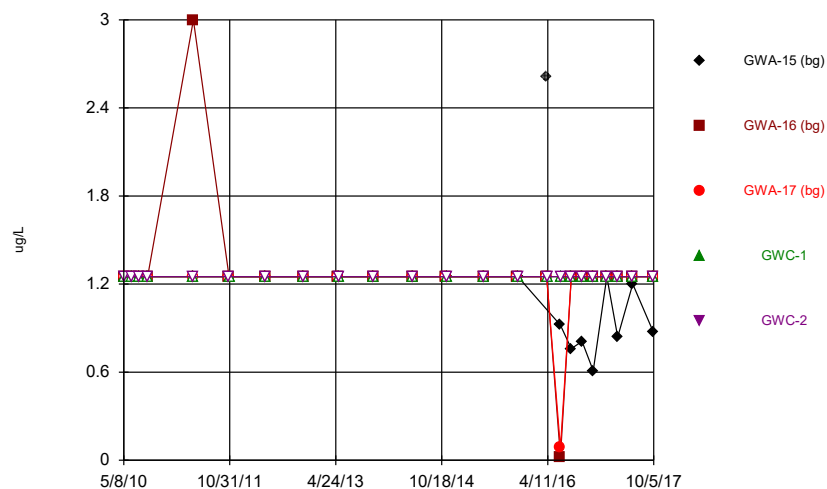
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



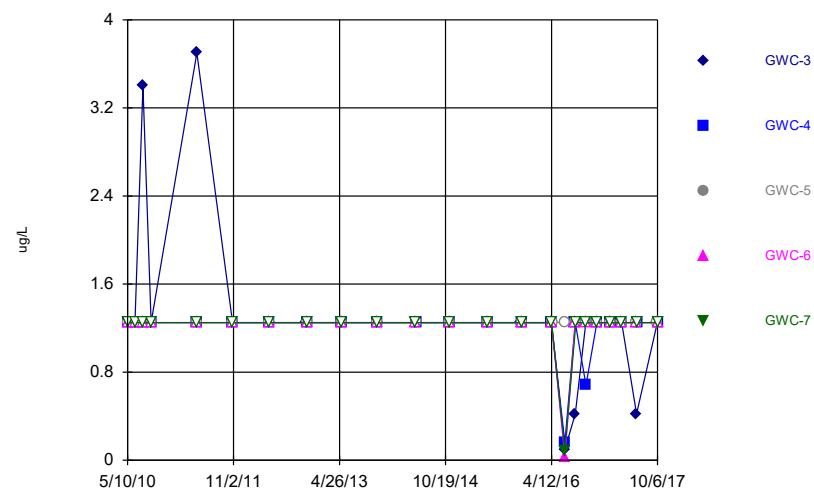
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



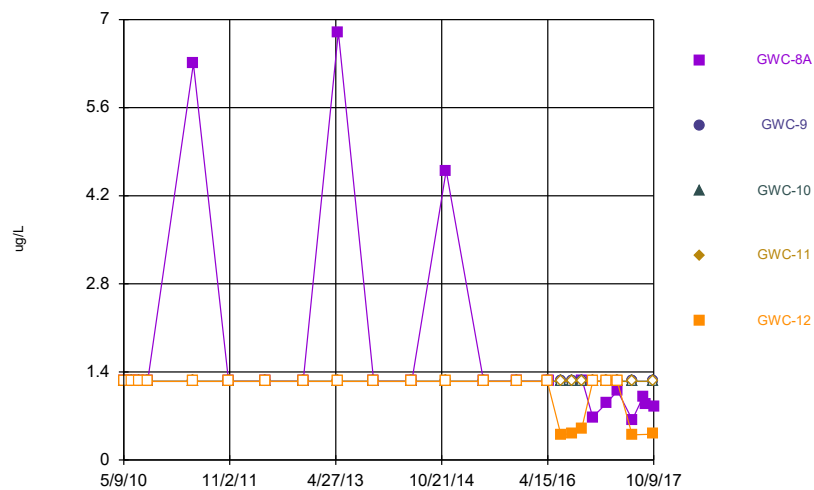
Constituent: Cobalt, Total Analysis Run 3/19/2018 8:26 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



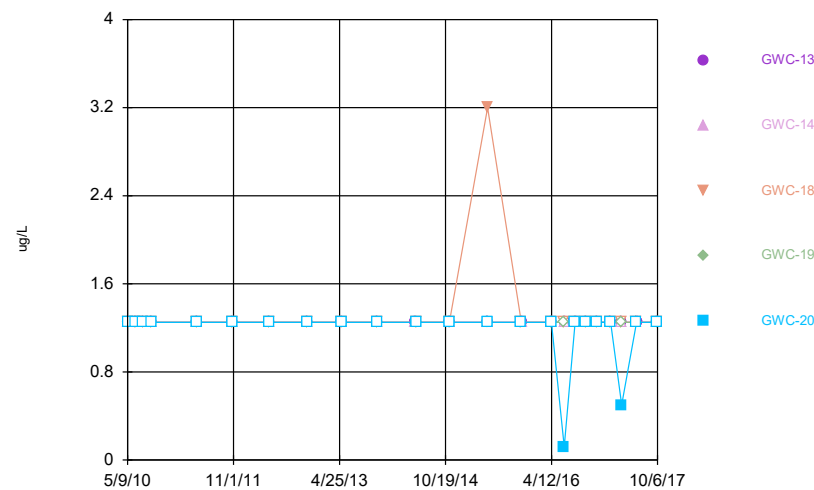
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Time Series



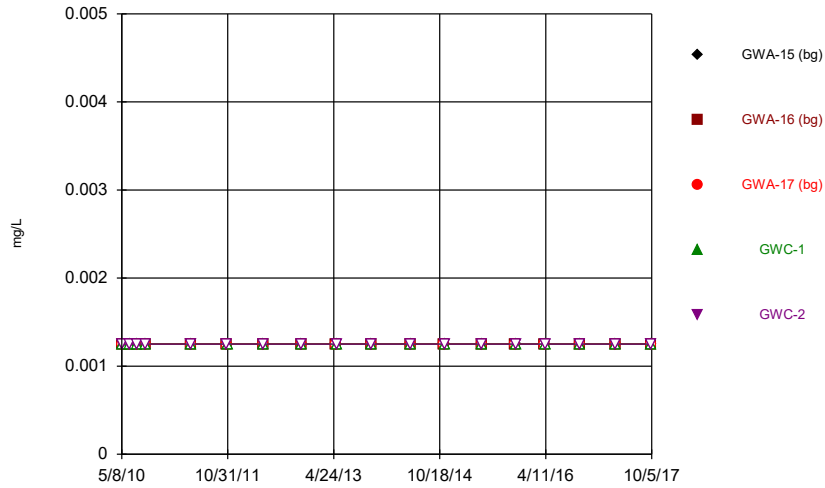
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Time Series



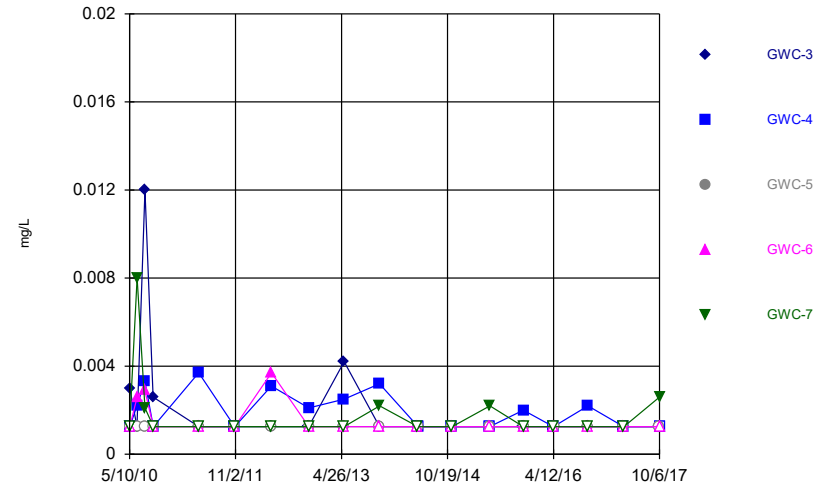
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



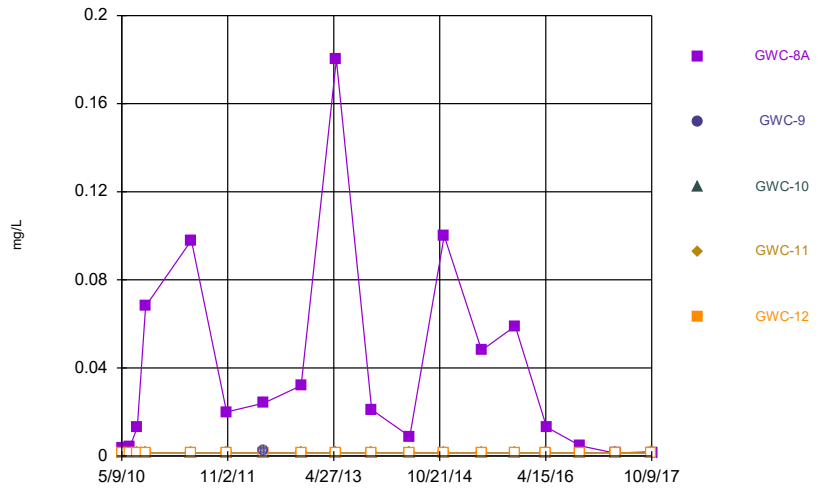
Constituent: Copper Analysis Run 3/19/2018 8:26 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



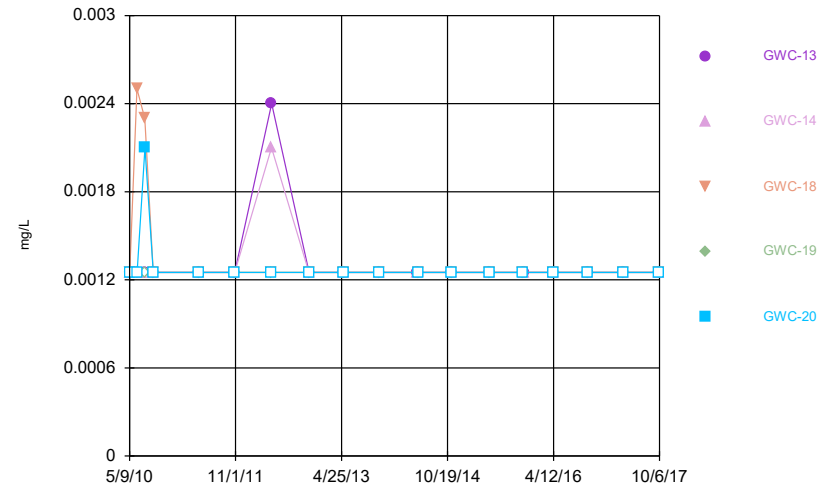
Constituent: Copper Analysis Run 3/19/2018 8:26 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



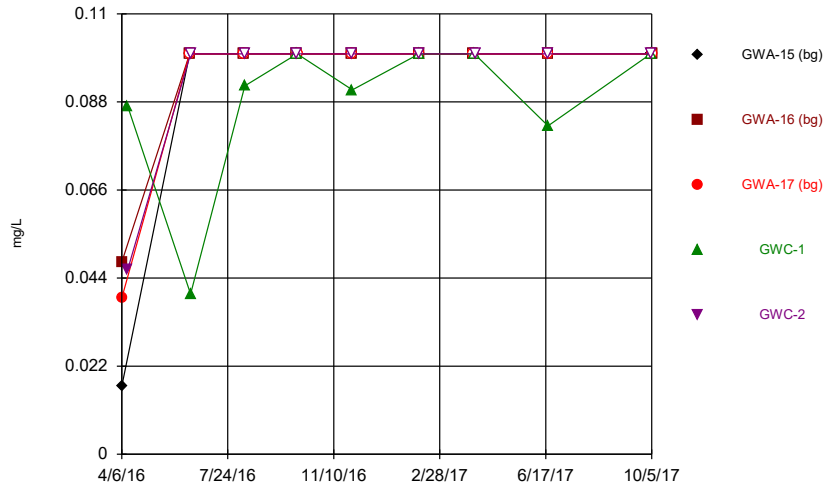
Constituent: Copper Analysis Run 3/19/2018 8:26 AM View: LF Intra-Well PLs
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Time Series



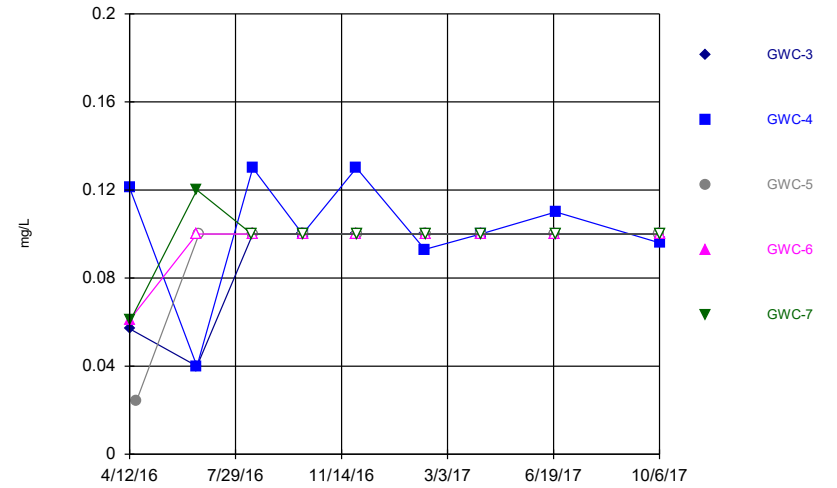
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Time Series



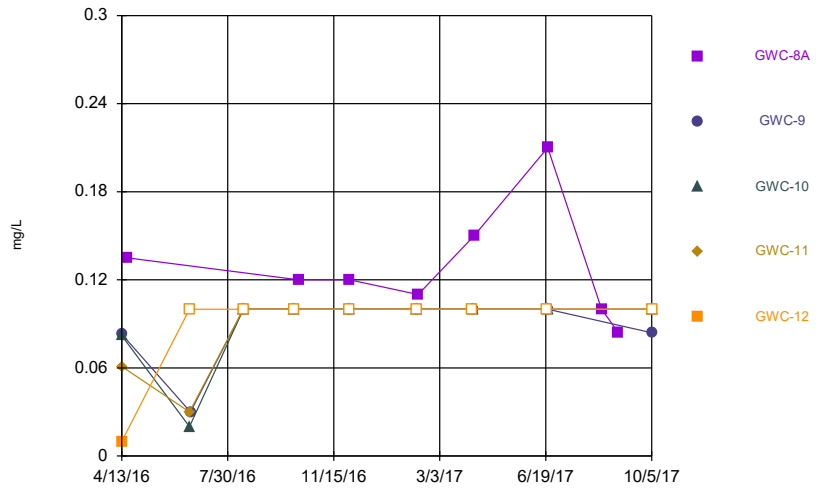
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Time Series



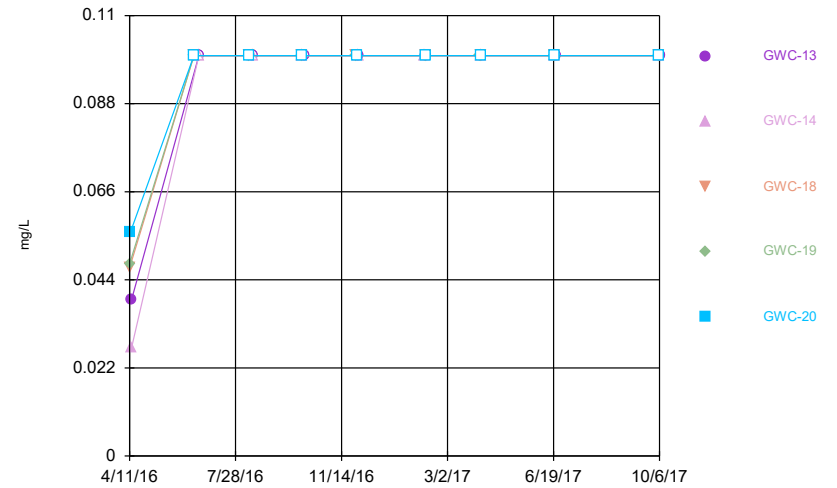
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Time Series



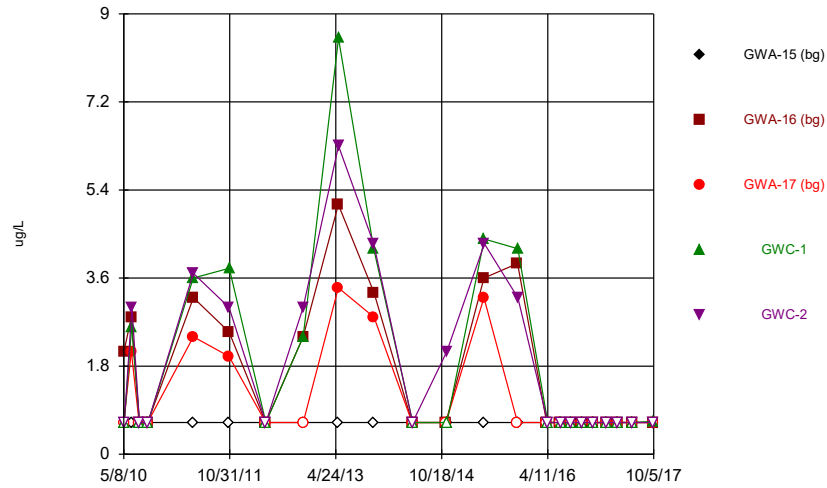
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Time Series



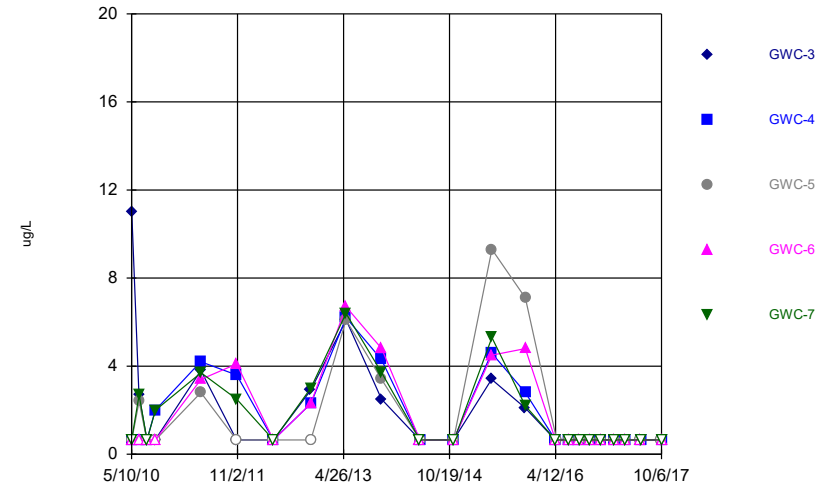
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Time Series



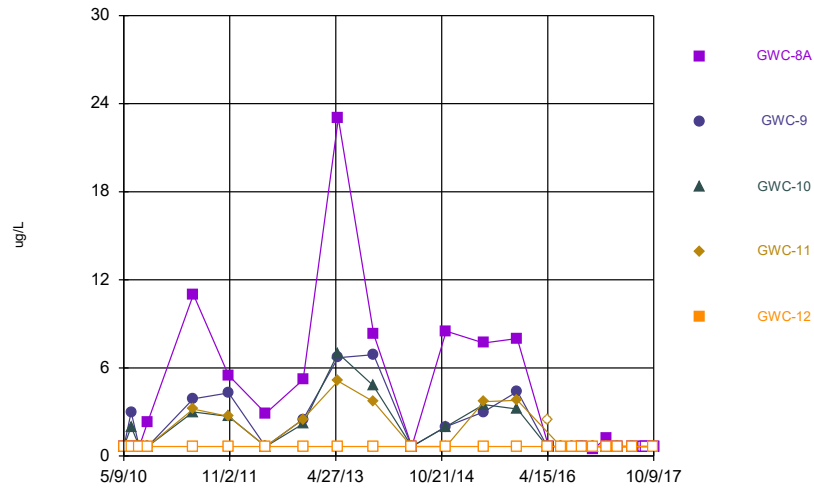
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



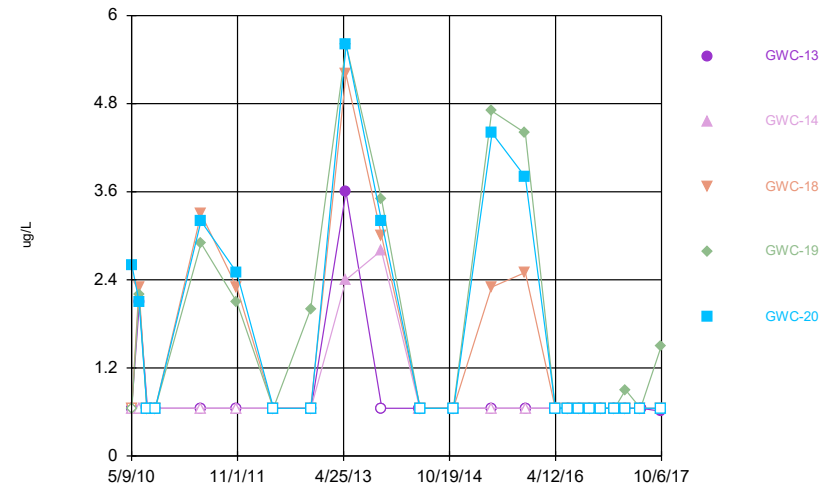
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Time Series



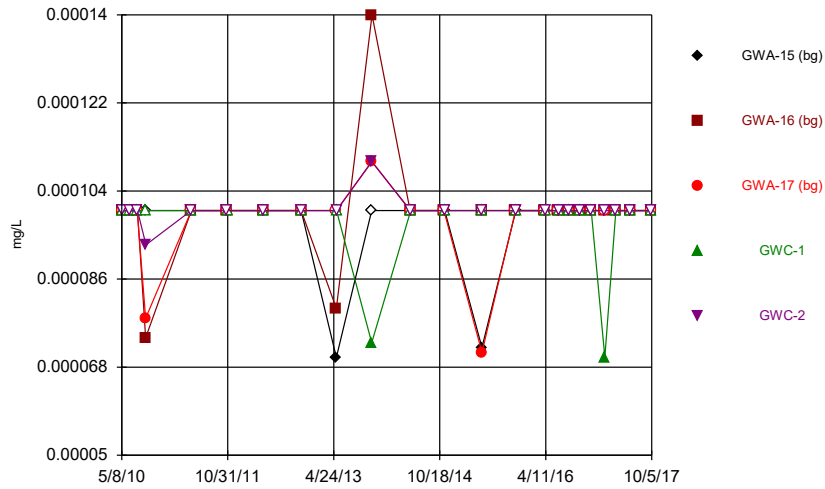
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Time Series



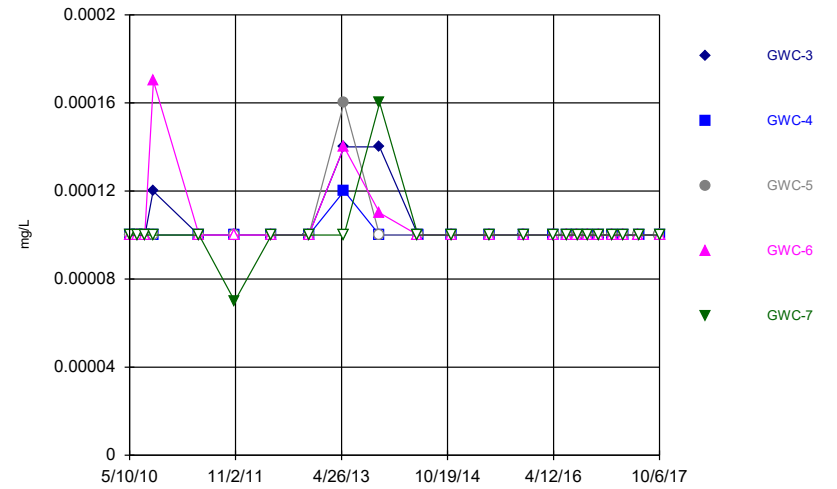
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Time Series



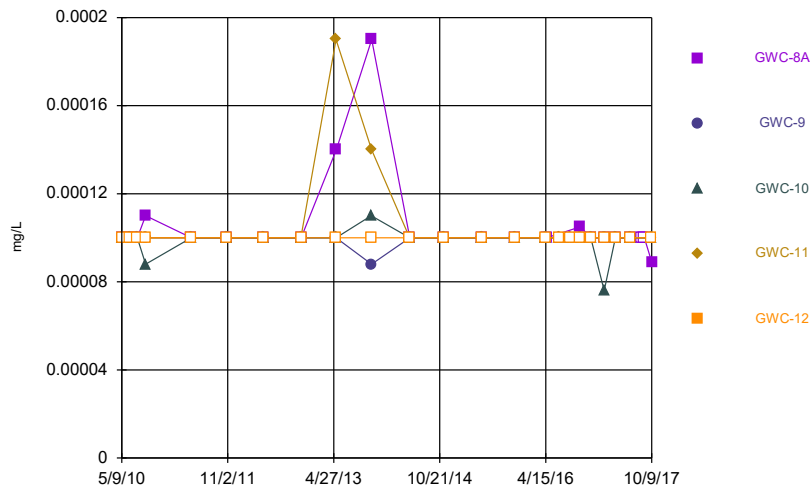
Constituent: Mercury Analysis Run 3/19/2018 8:26 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



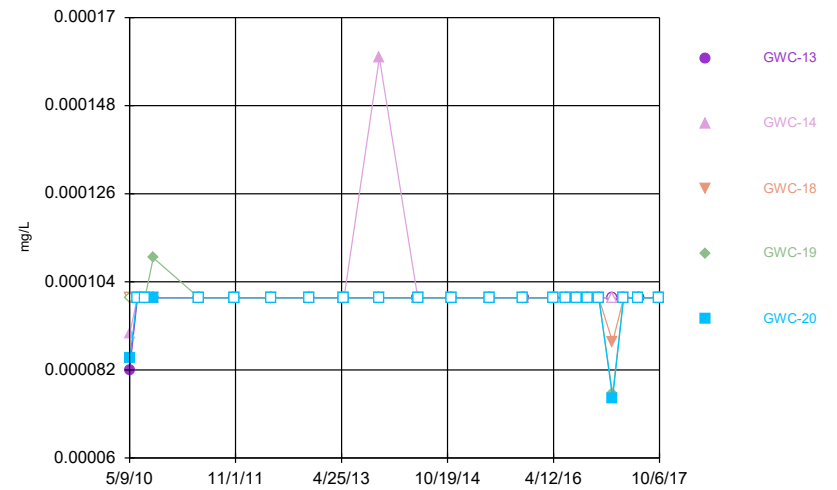
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



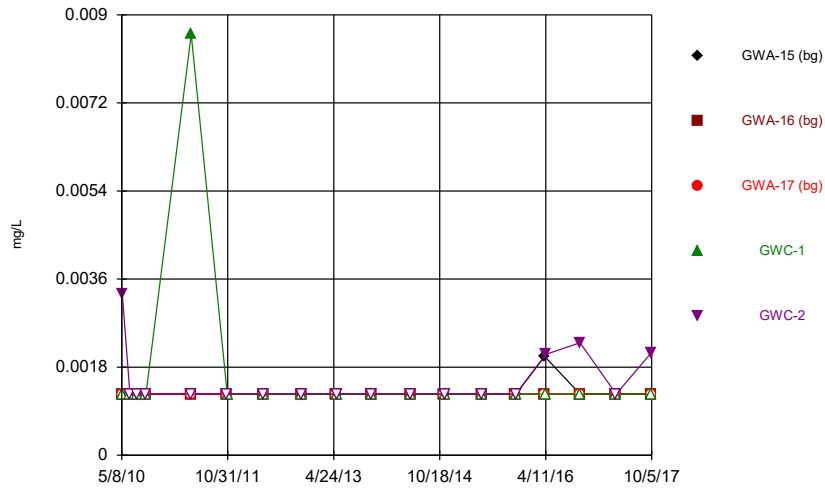
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Time Series



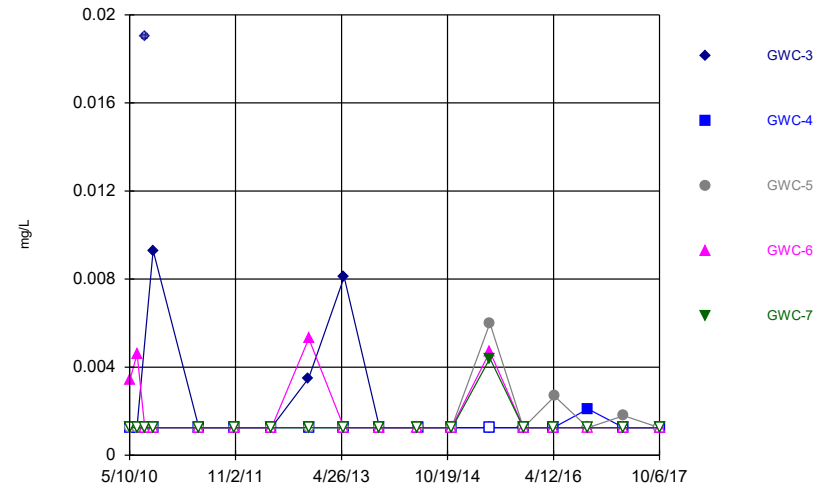
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Time Series



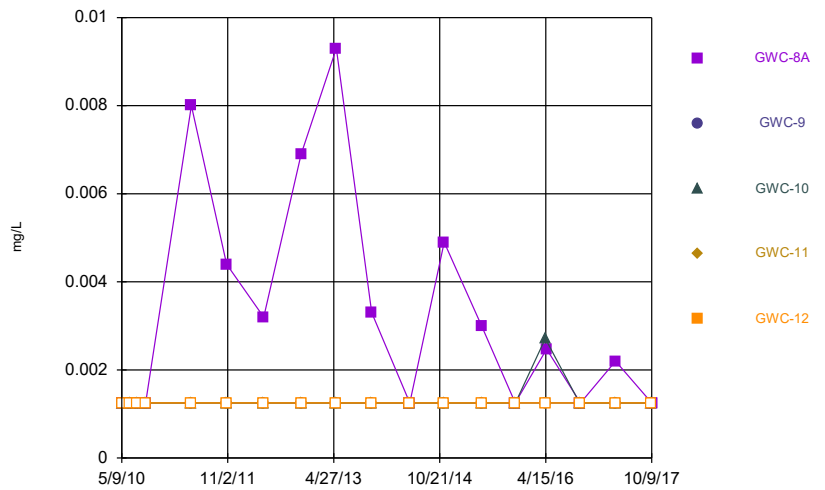
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 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



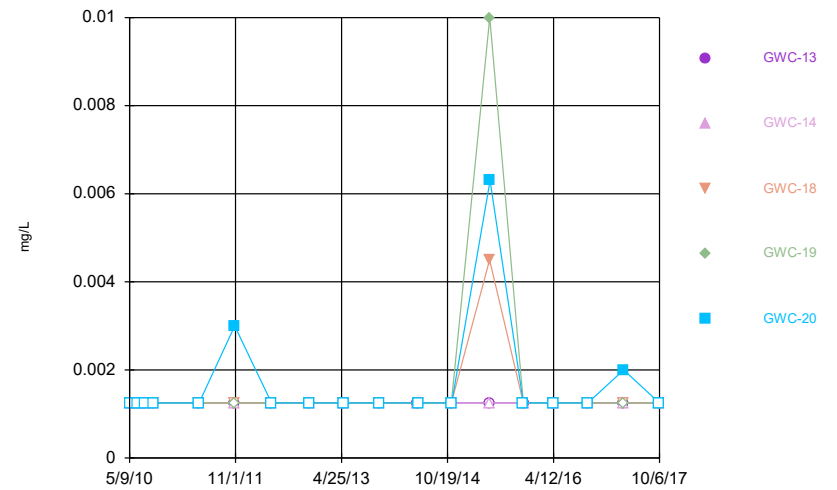
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Time Series



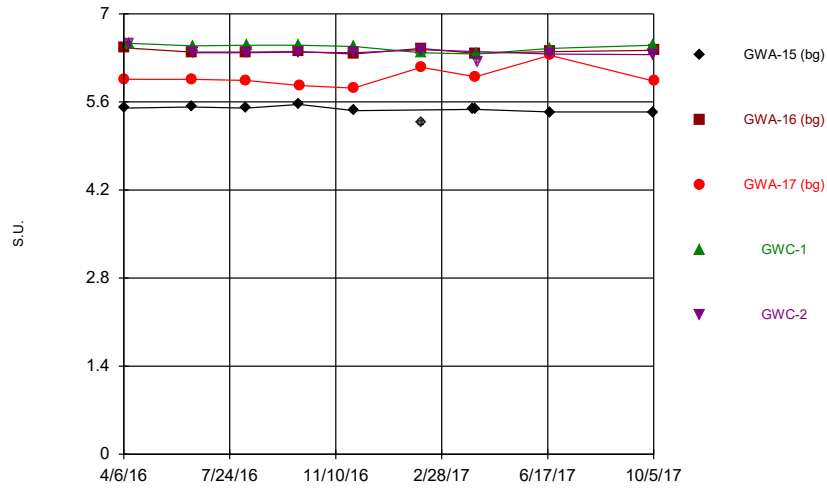
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 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



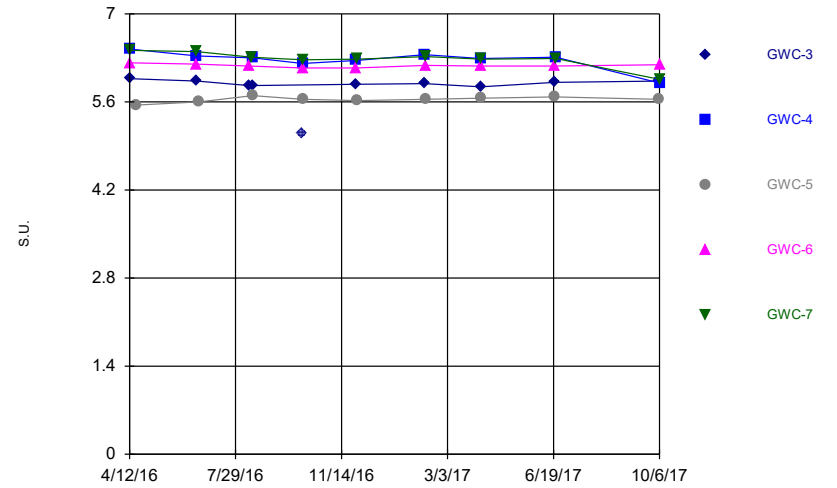
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 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



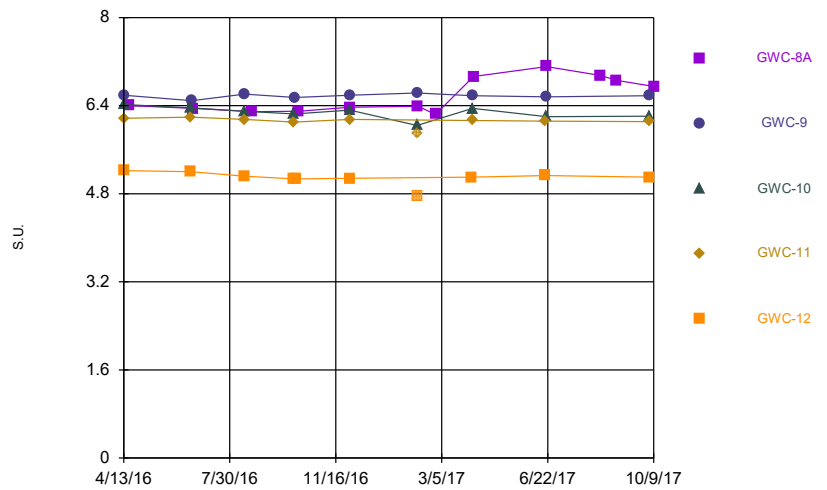
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 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



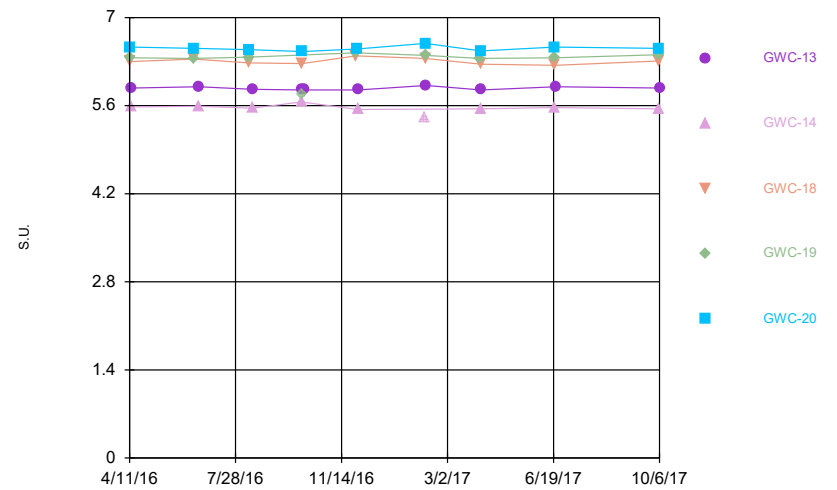
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Time Series



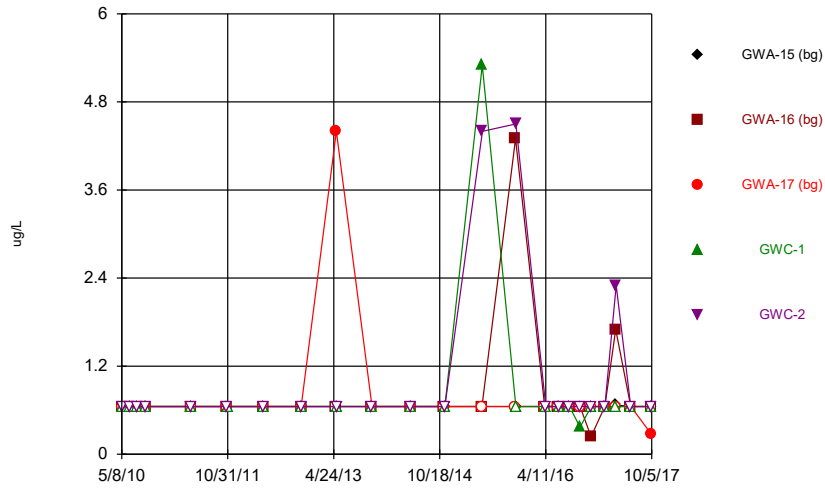
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Time Series



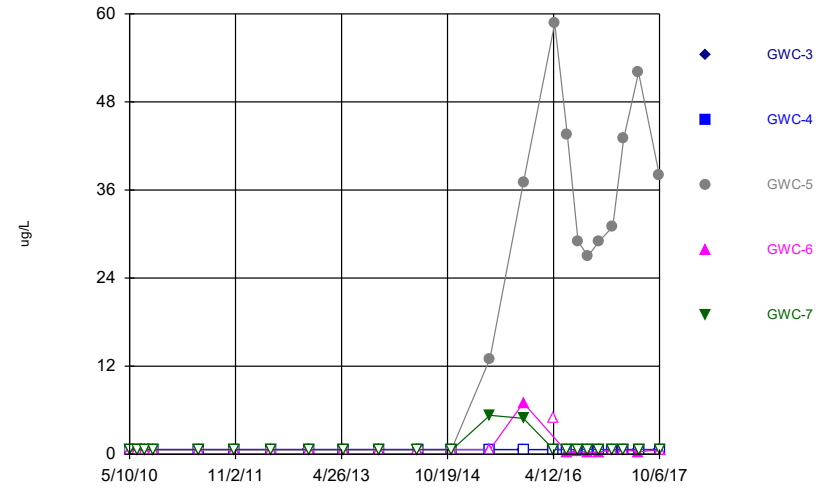
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Time Series



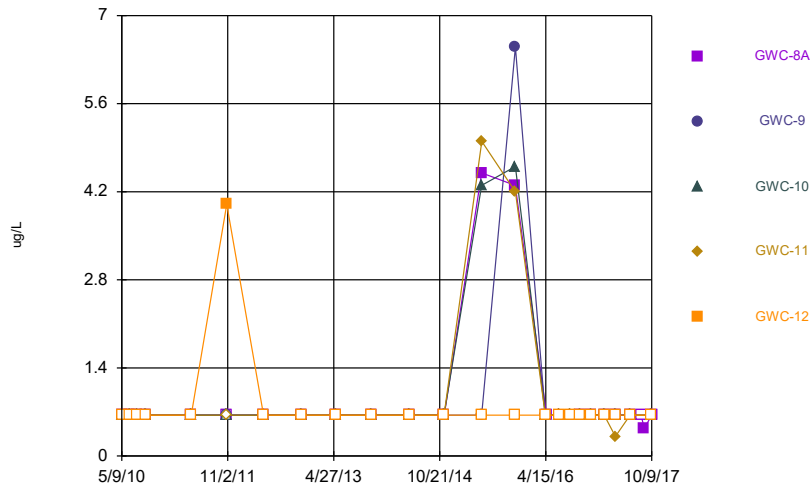
Constituent: Selenium, Total Analysis Run 3/19/2018 8:26 AM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



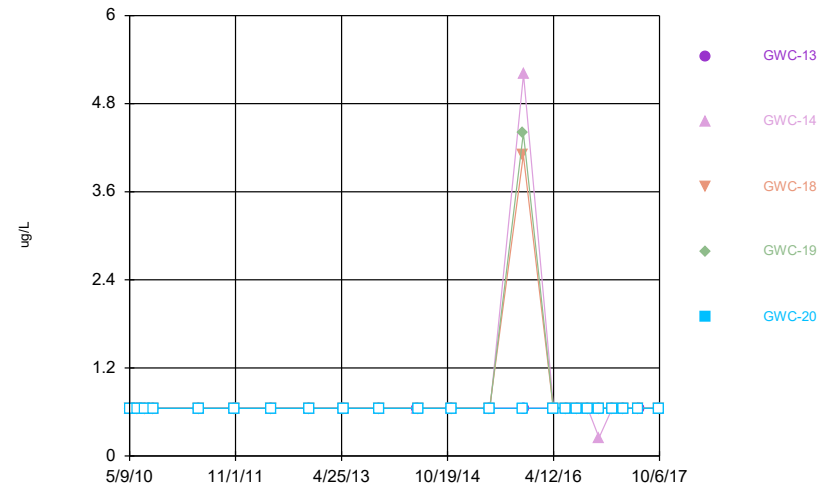
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



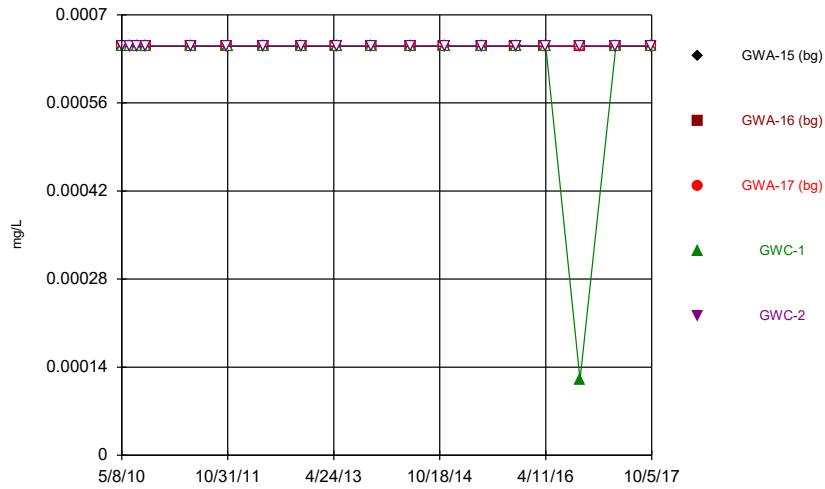
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Time Series



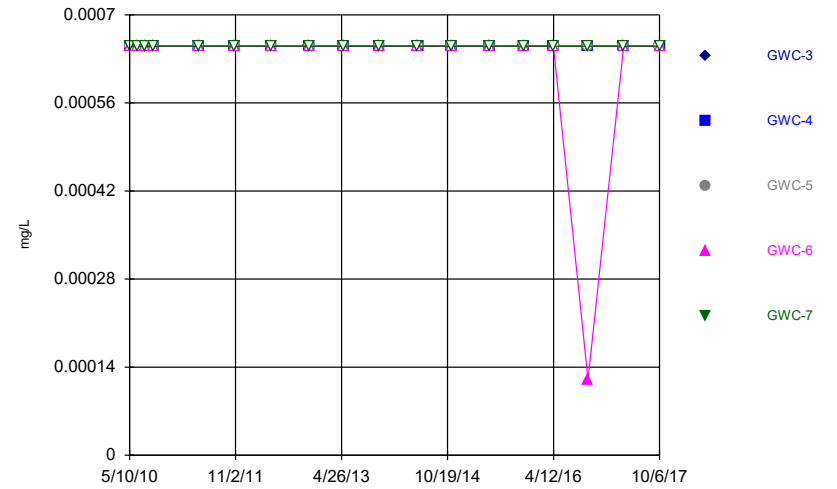
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Time Series



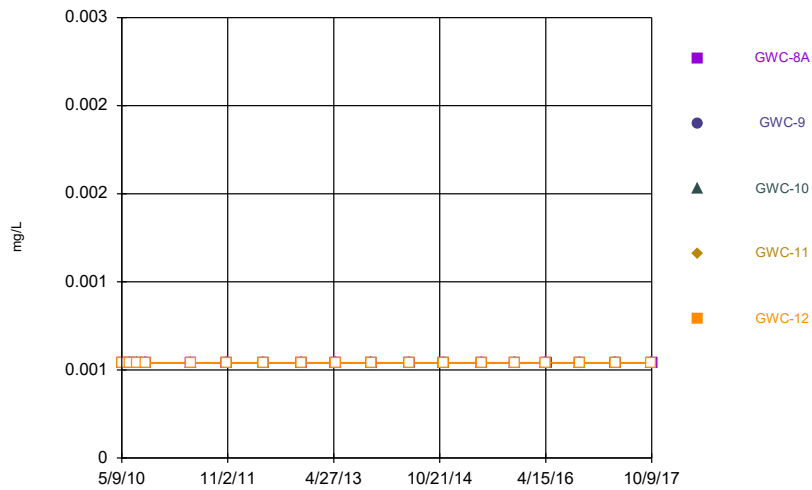
Constituent: Silver Analysis Run 3/19/2018 8:26 AM View: LF Intra-Well PLs
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Time Series



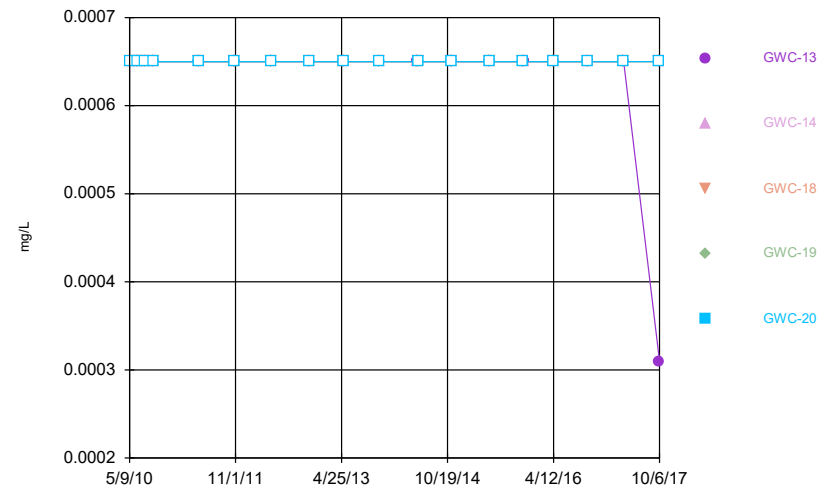
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



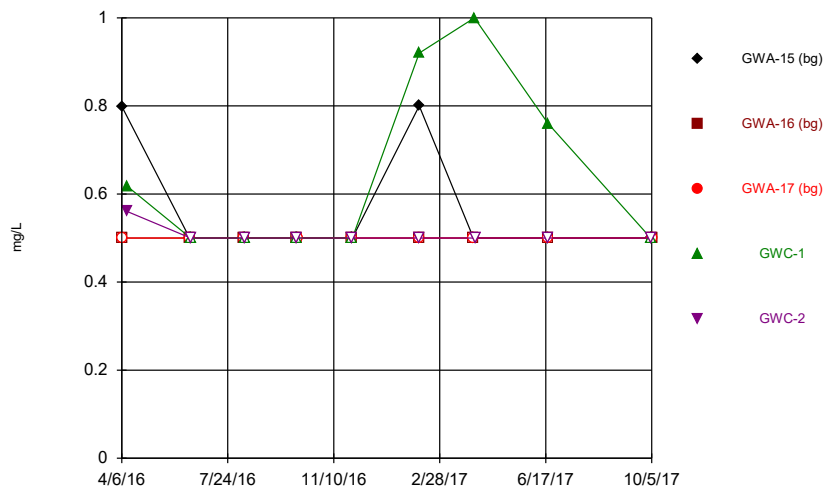
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Time Series



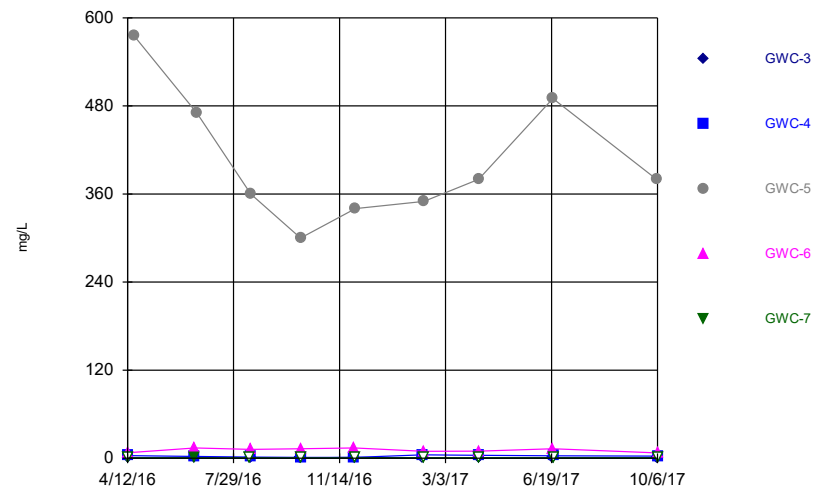
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Time Series



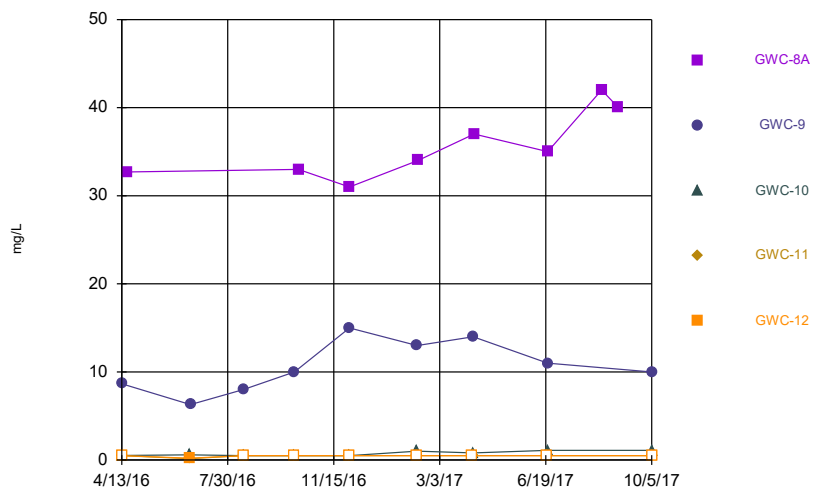
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Time Series



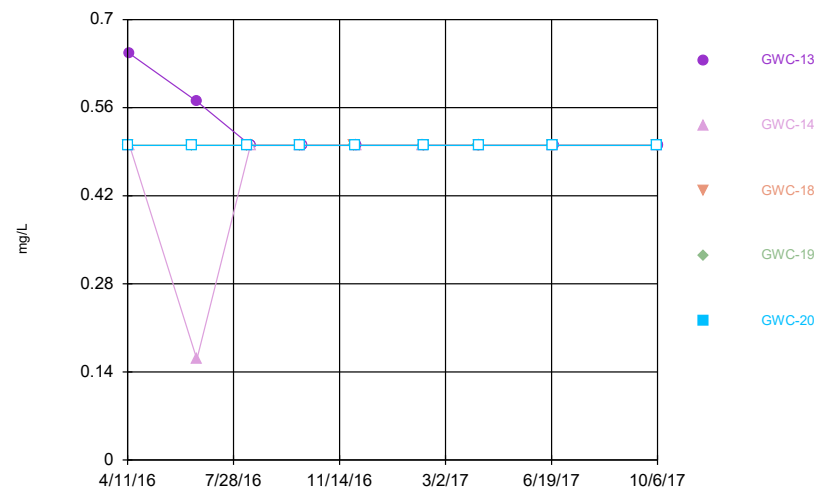
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



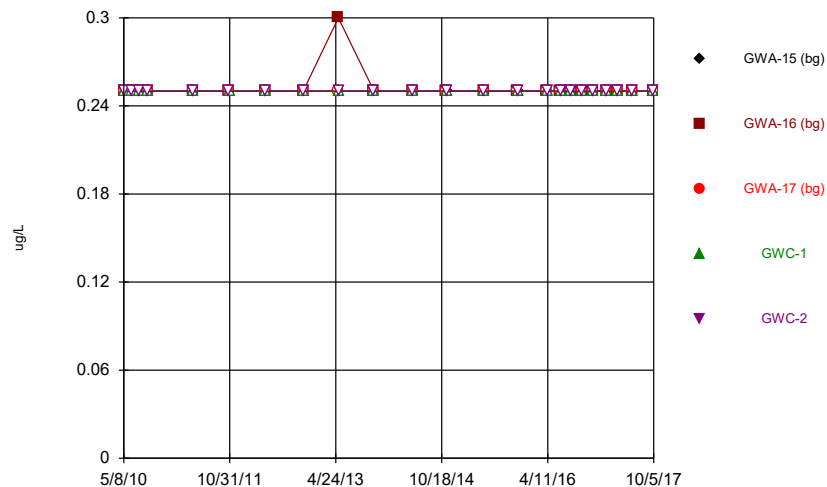
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Time Series



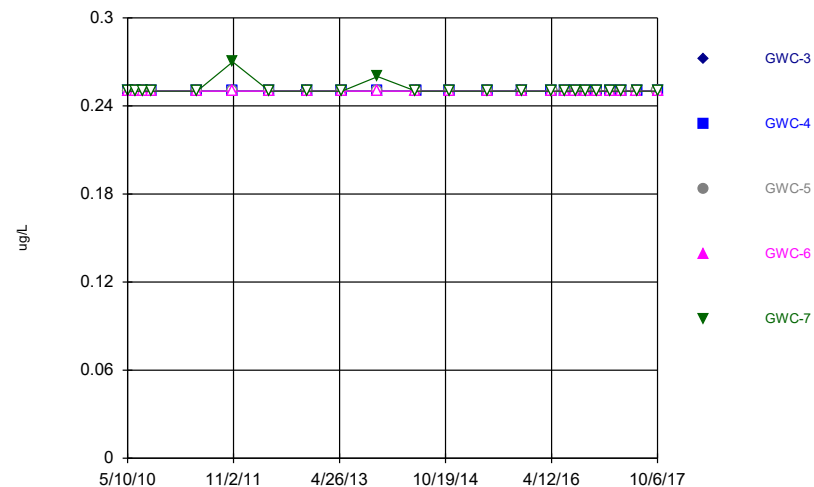
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



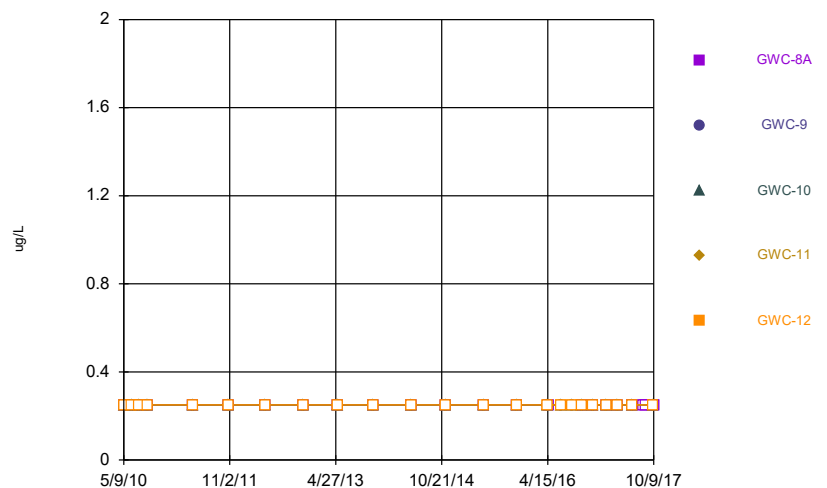
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Time Series



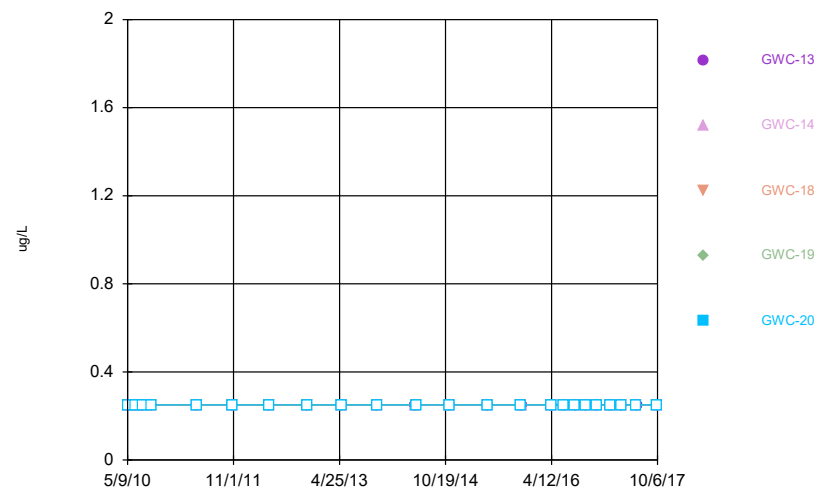
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Time Series



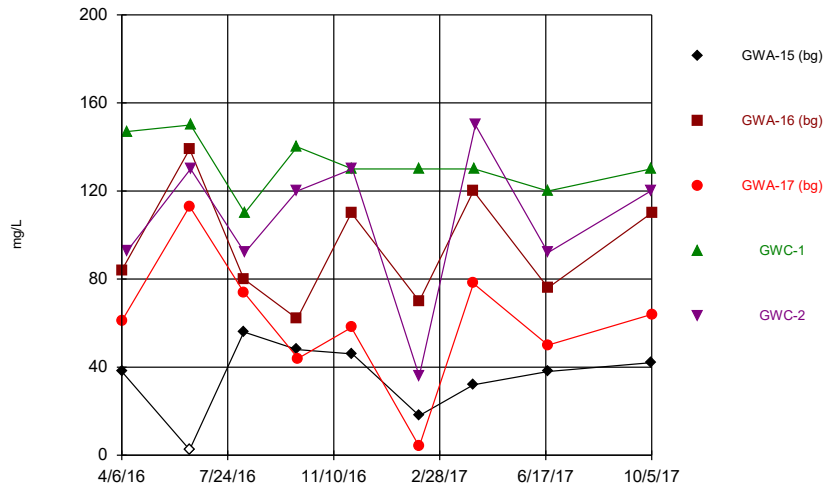
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Time Series



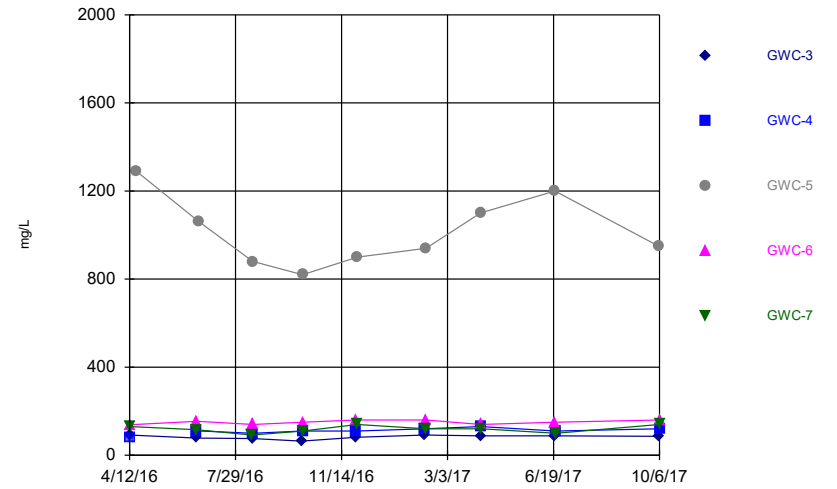
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Time Series



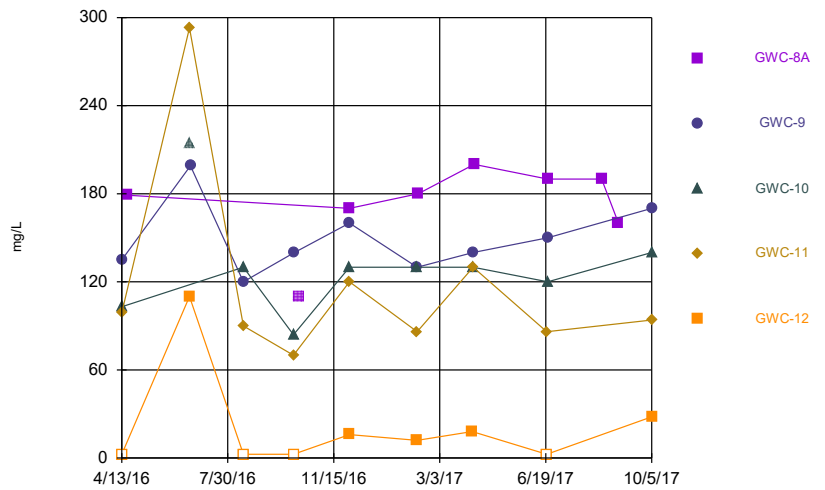
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Time Series



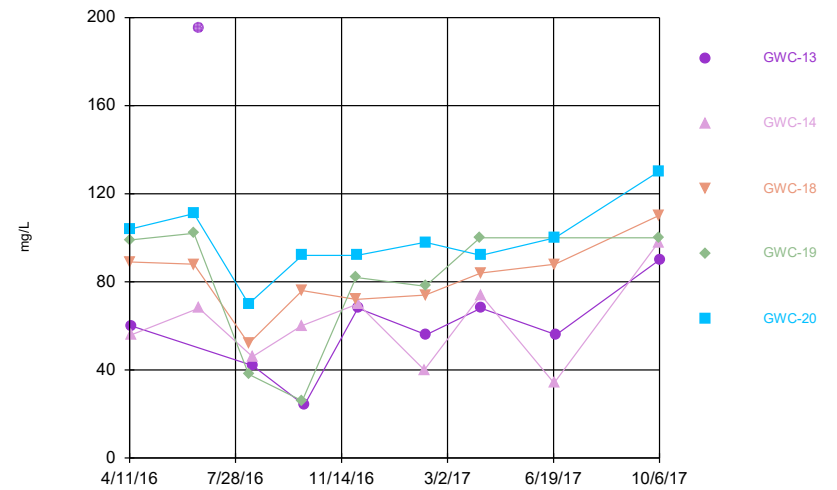
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Time Series



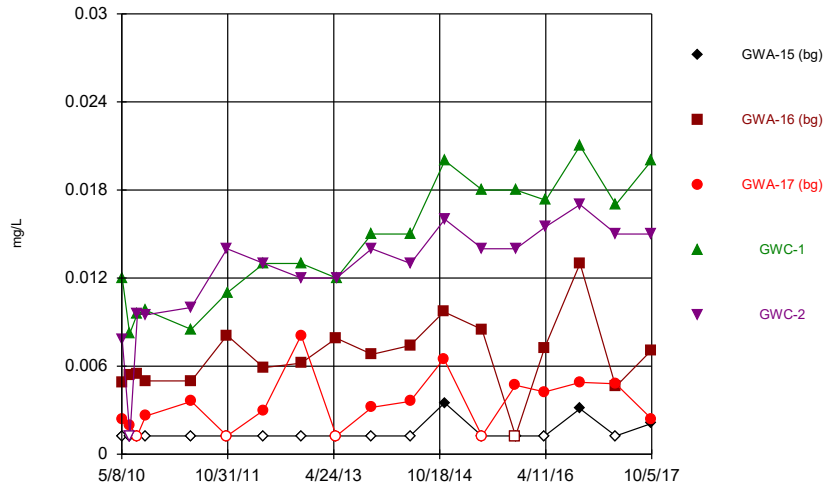
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Time Series



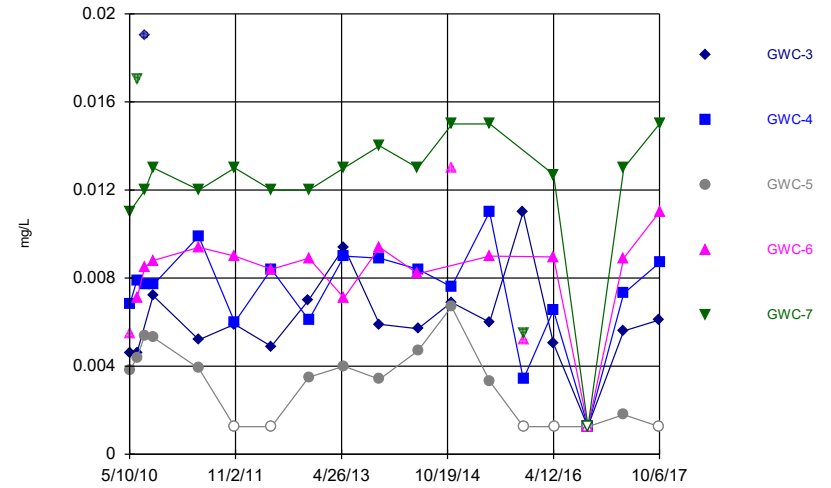
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



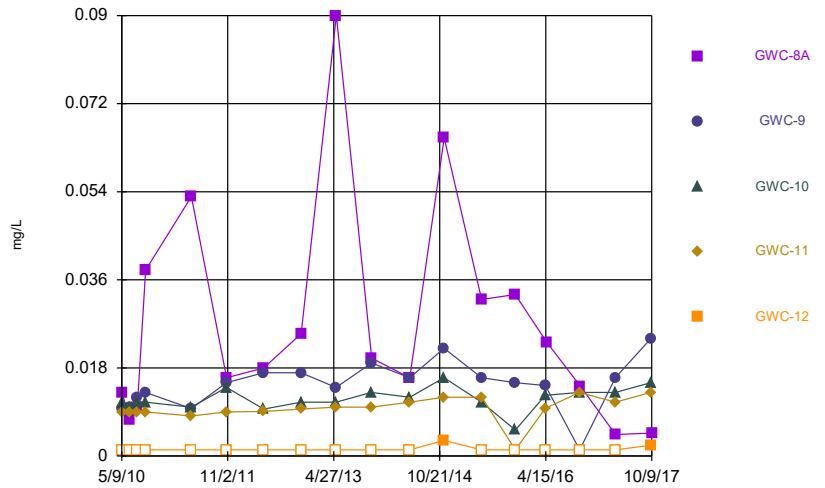
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



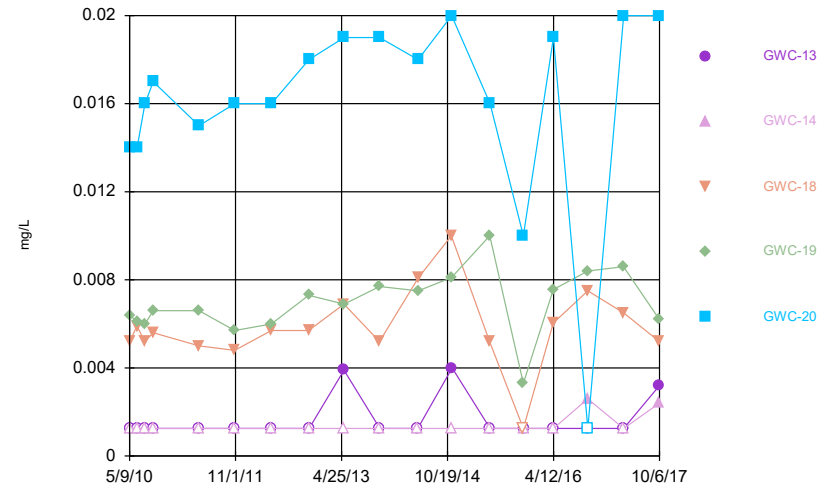
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Time Series



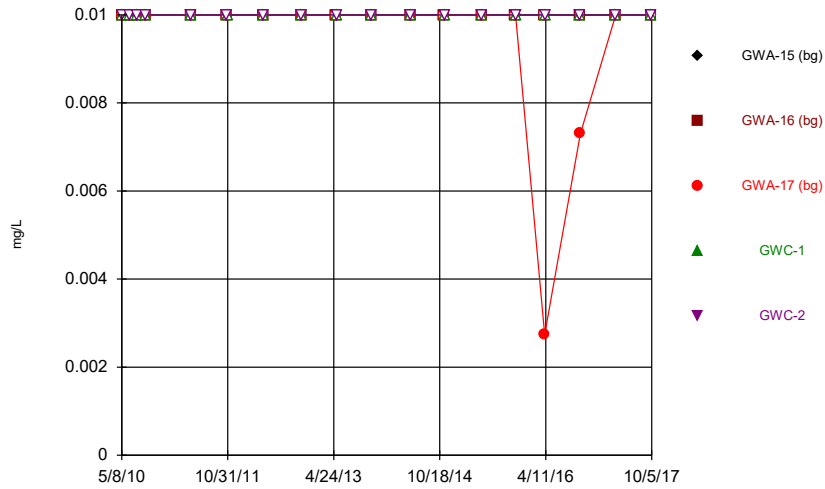
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



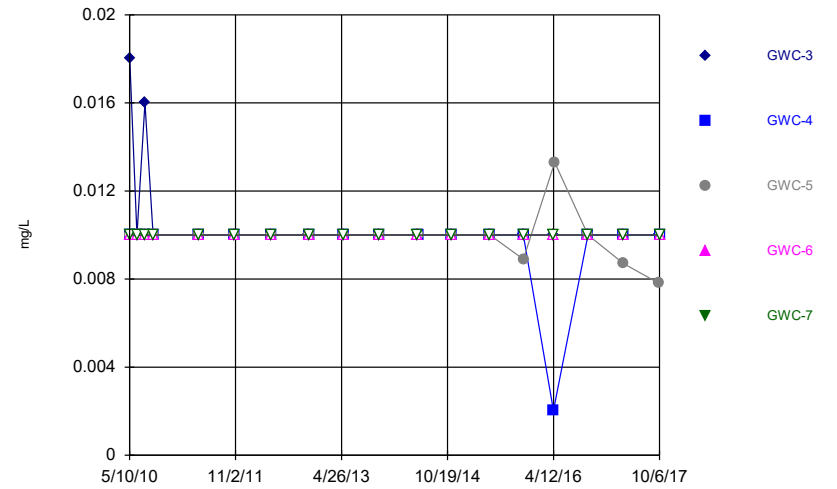
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Time Series



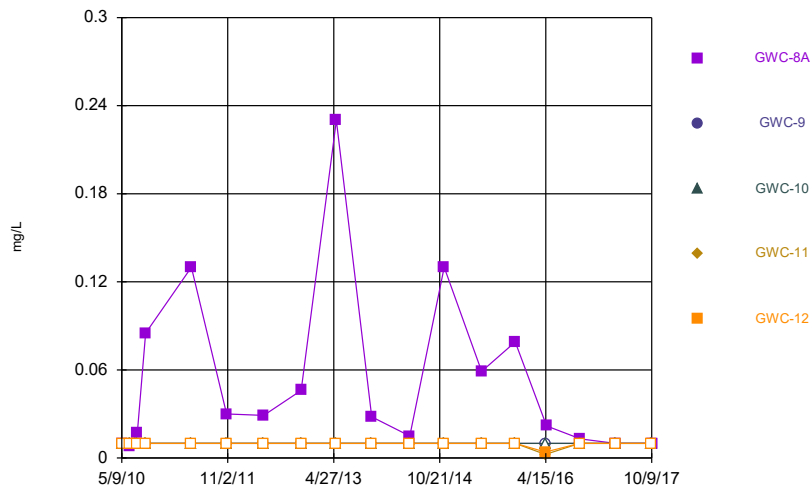
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Time Series



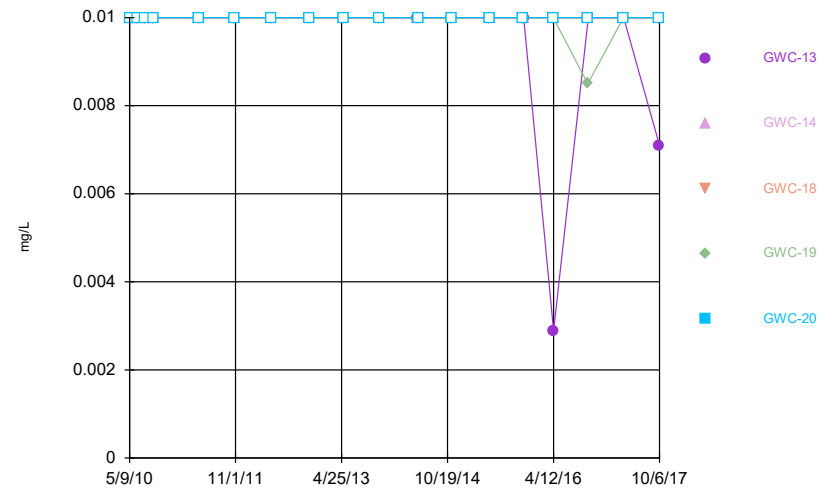
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



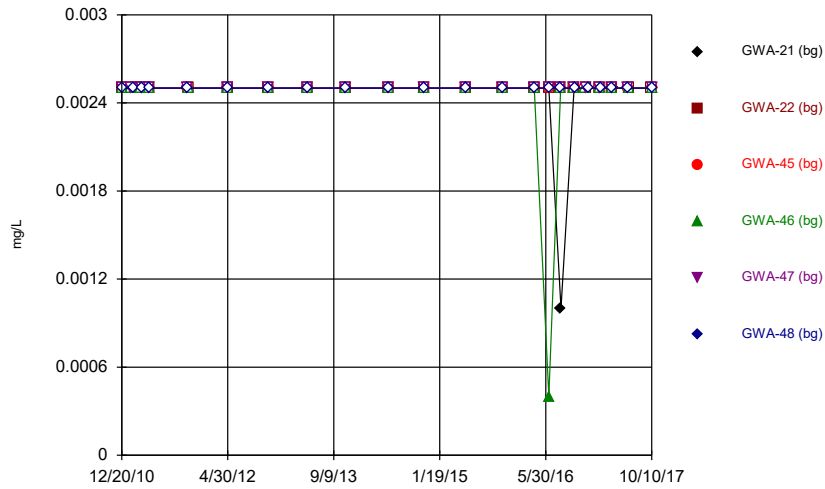
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



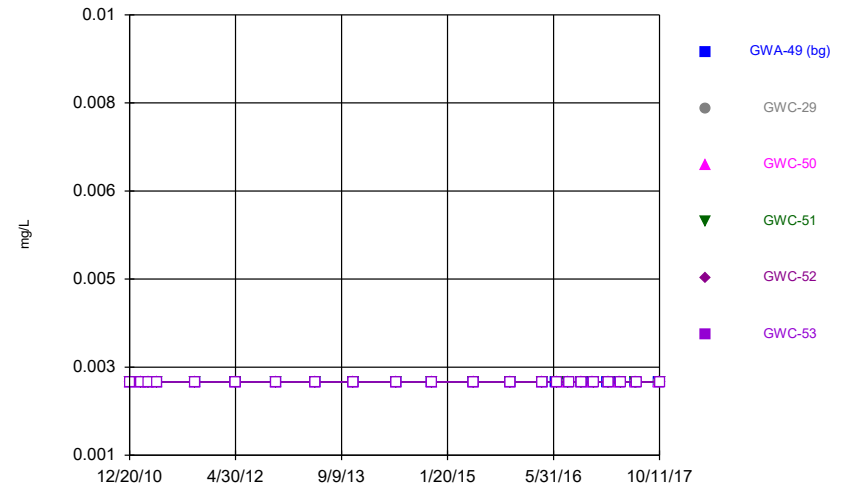
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Time Series



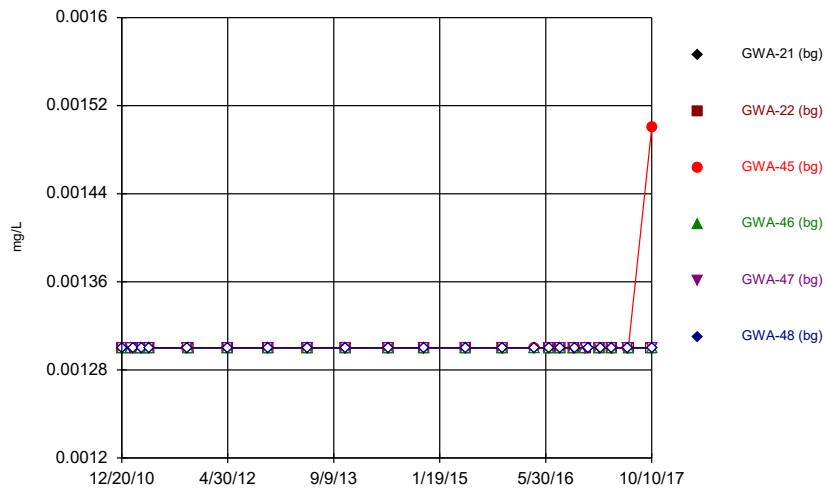
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



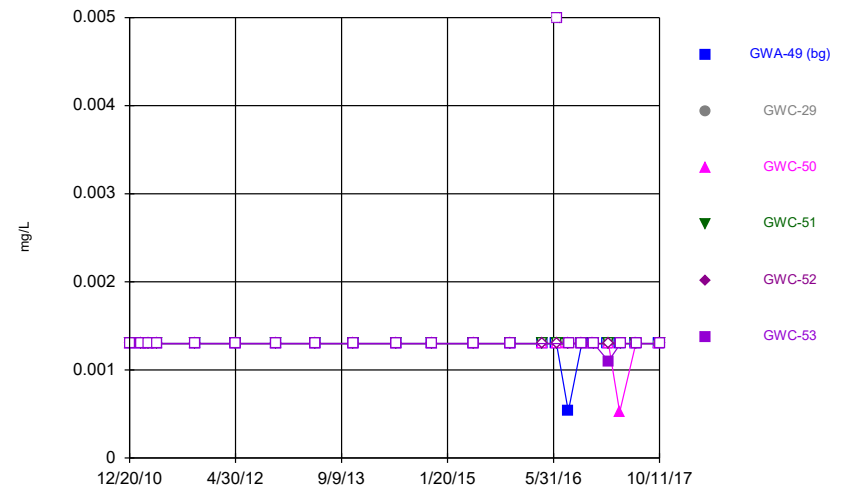
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



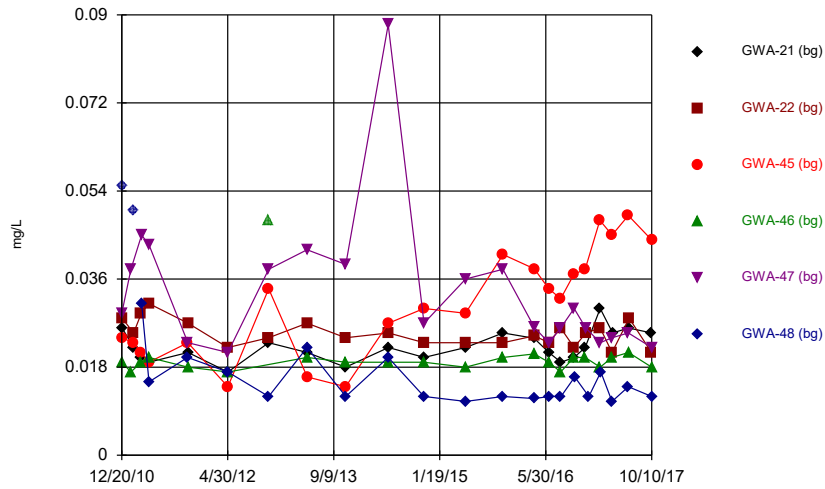
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



Constituent: Arsenic, Total Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

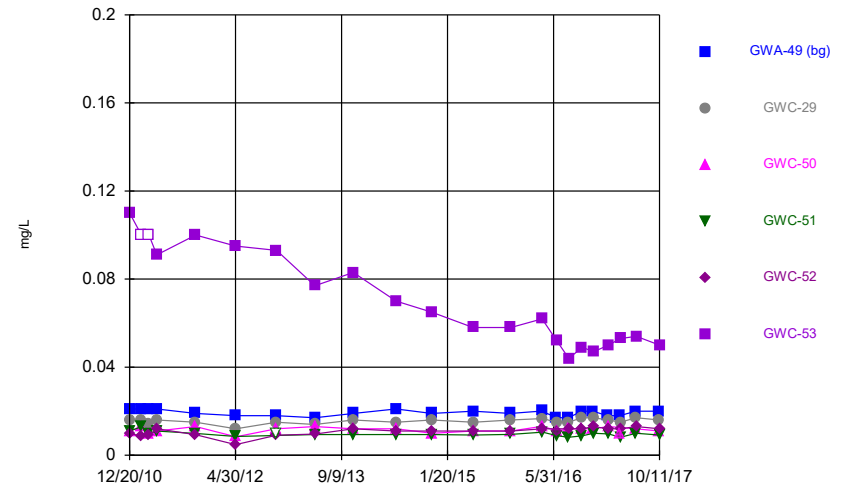
Time Series



Constituent: Barium, Total Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

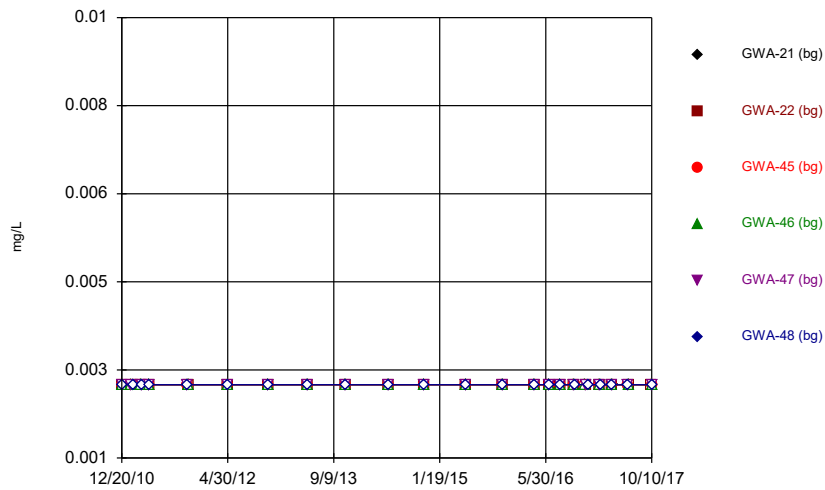
Time Series



Constituent: Barium, Total Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

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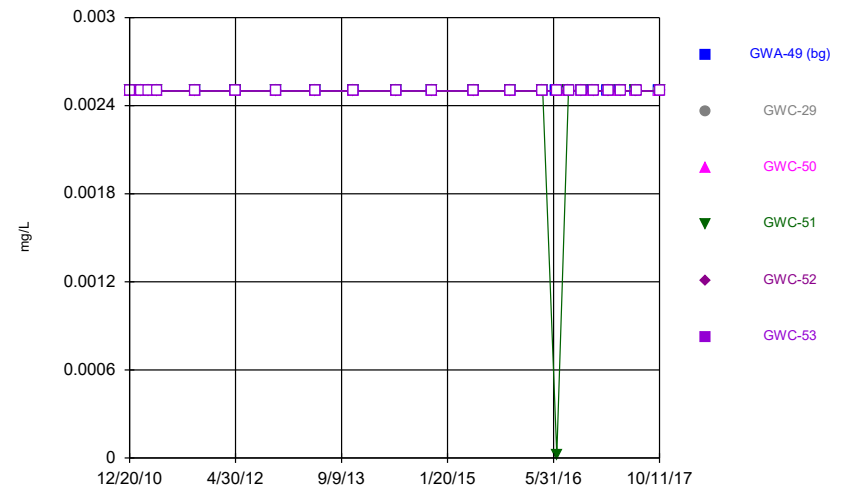
Time Series



Constituent: Beryllium, Total Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

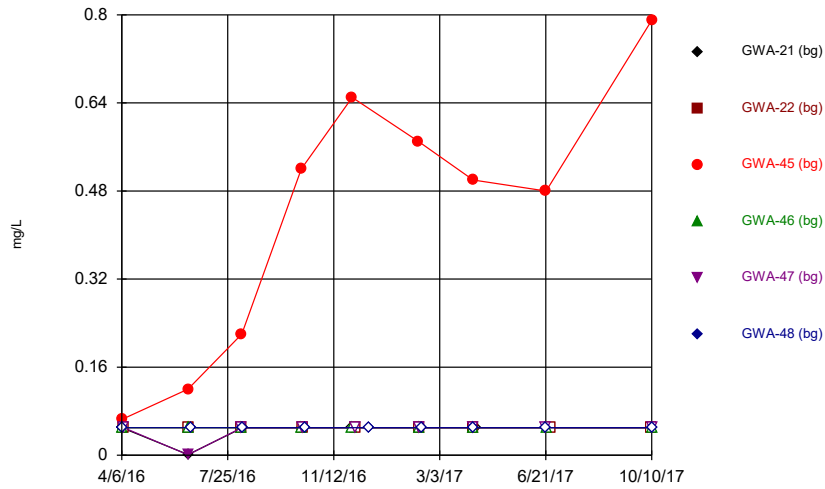
Hollow symbols indicate censored values.

Time Series



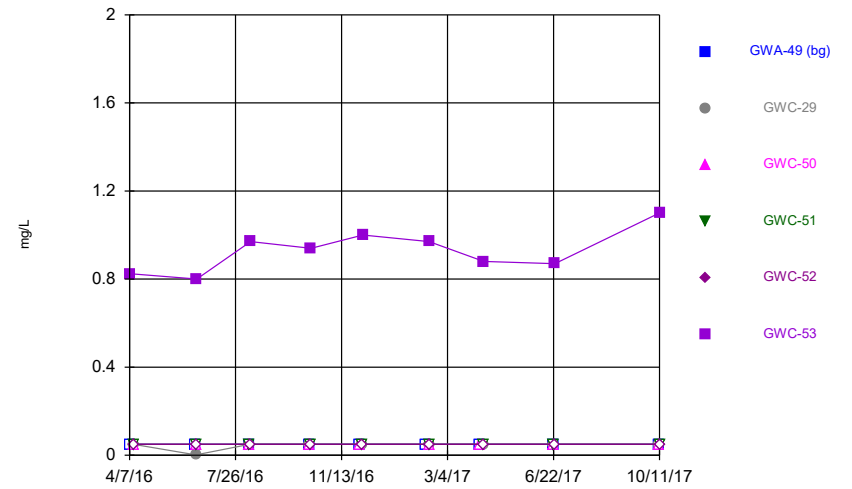
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



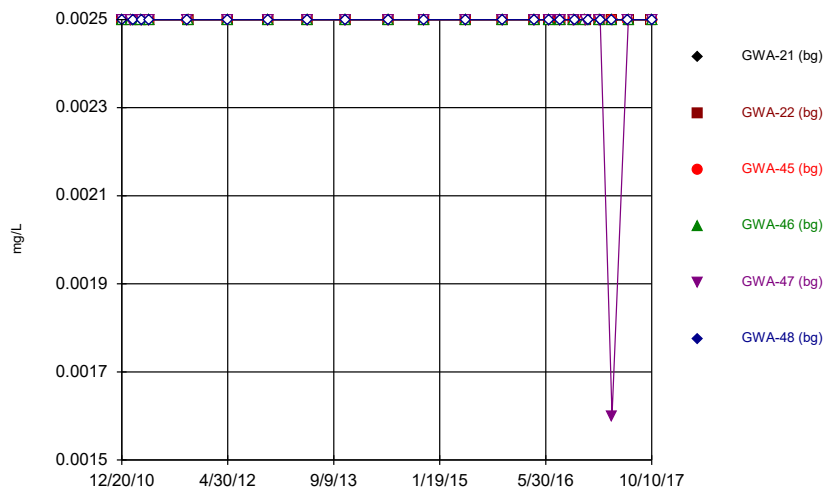
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



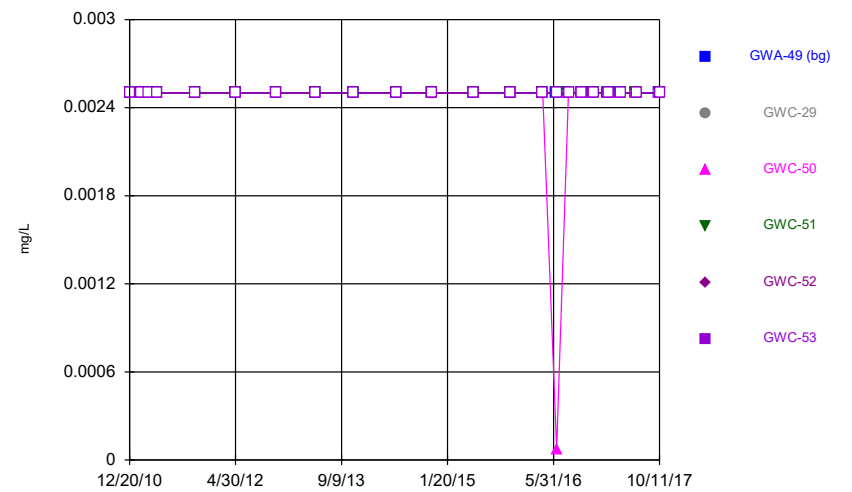
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Time Series



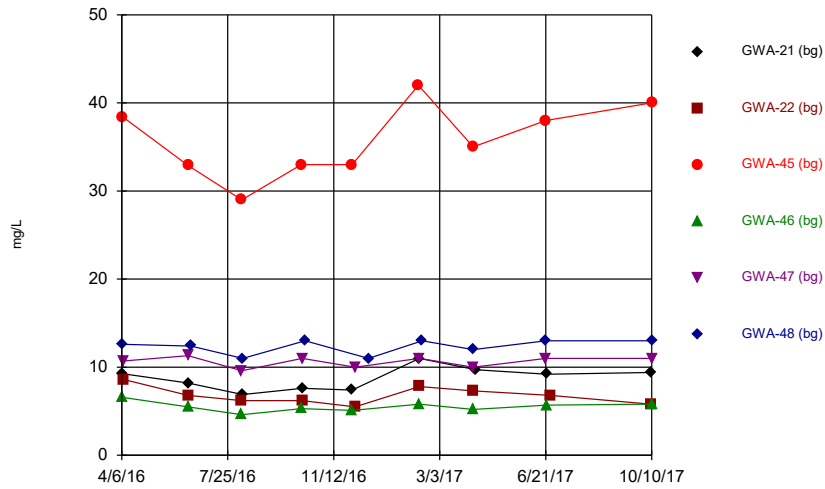
Constituent: Cadmium, Total Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



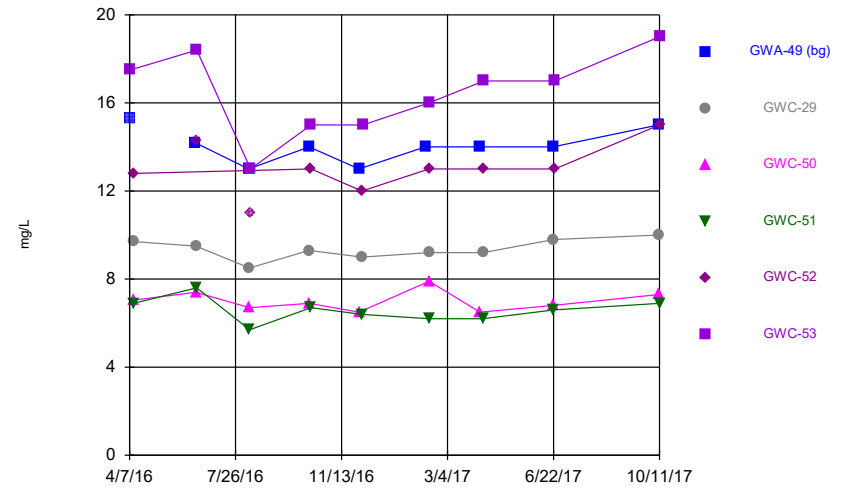
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



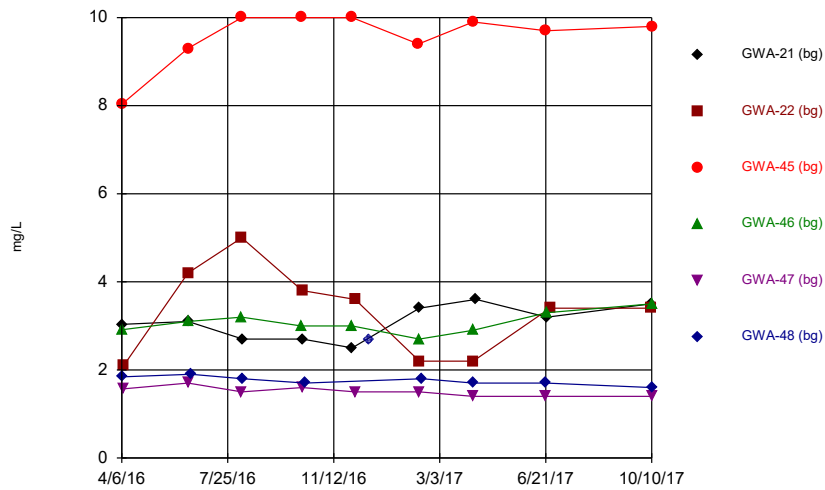
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 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



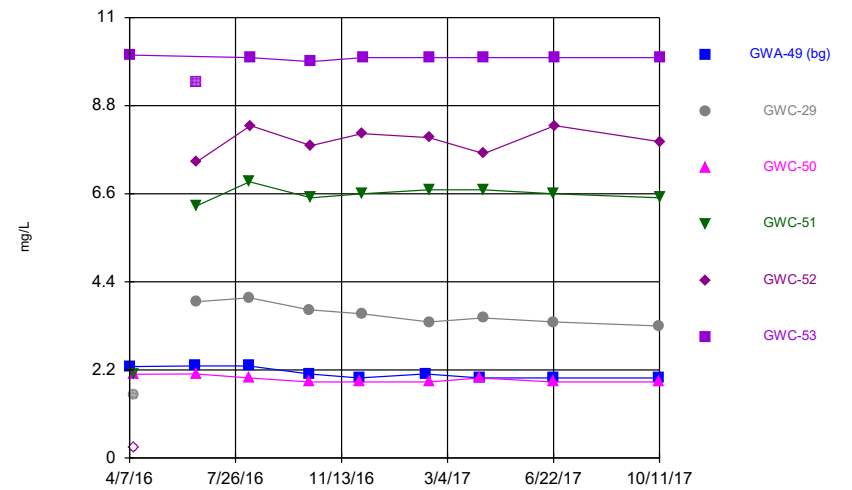
Constituent: Calcium Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
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Time Series



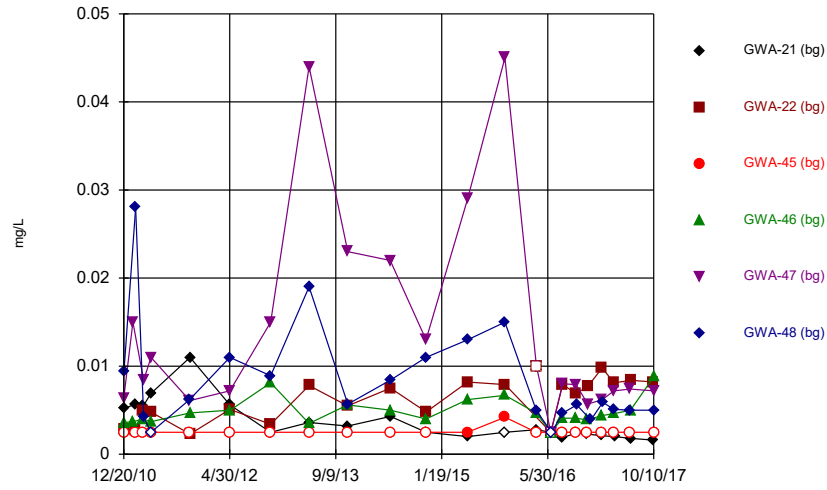
Constituent: Chloride Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



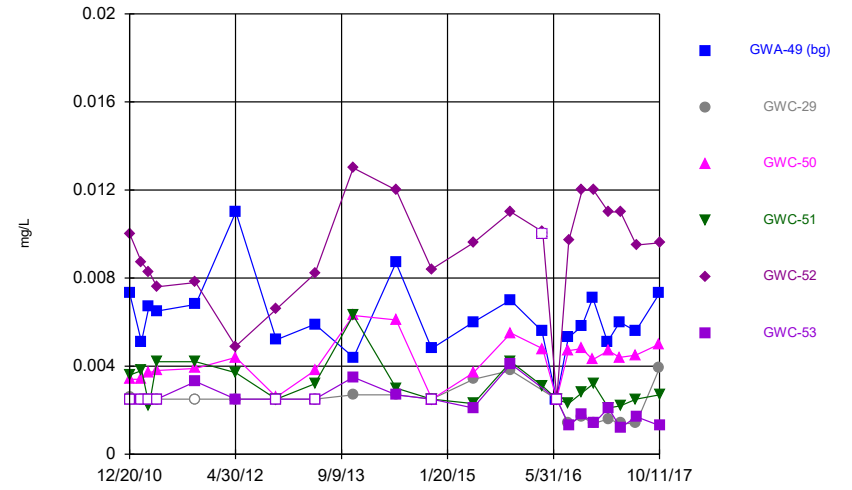
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Time Series



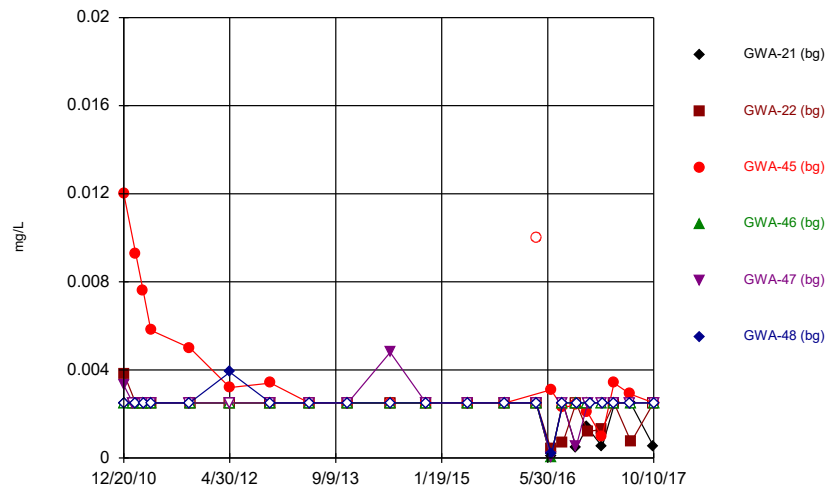
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



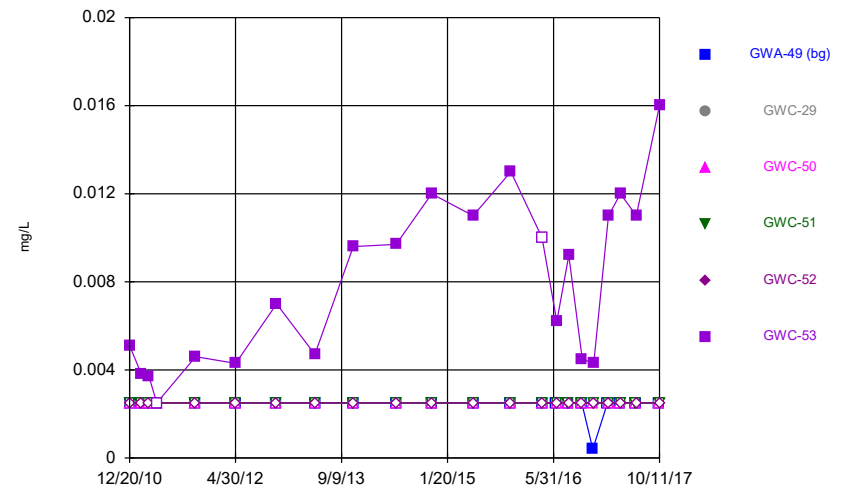
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Time Series



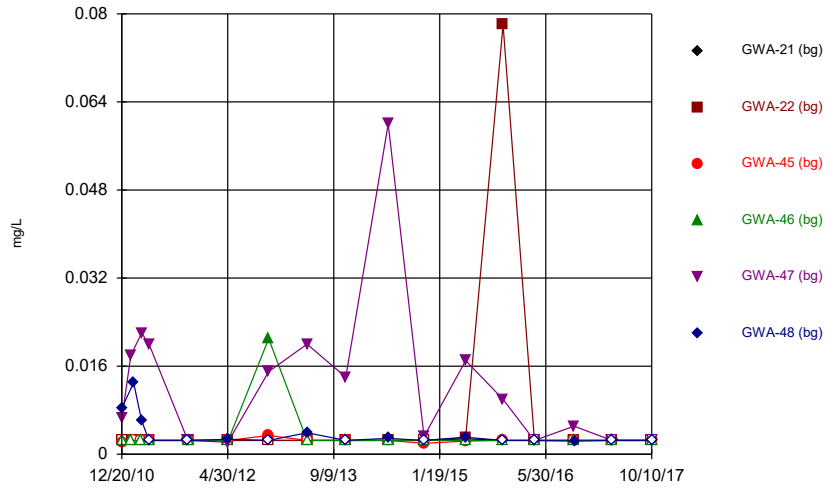
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



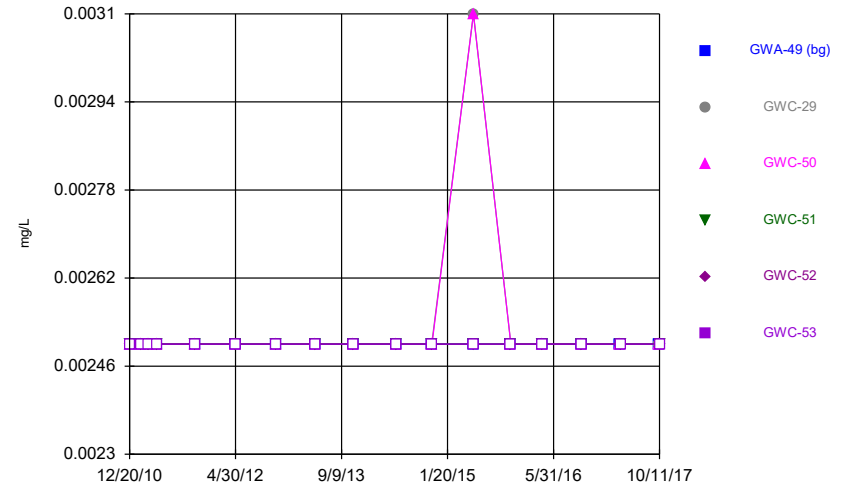
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



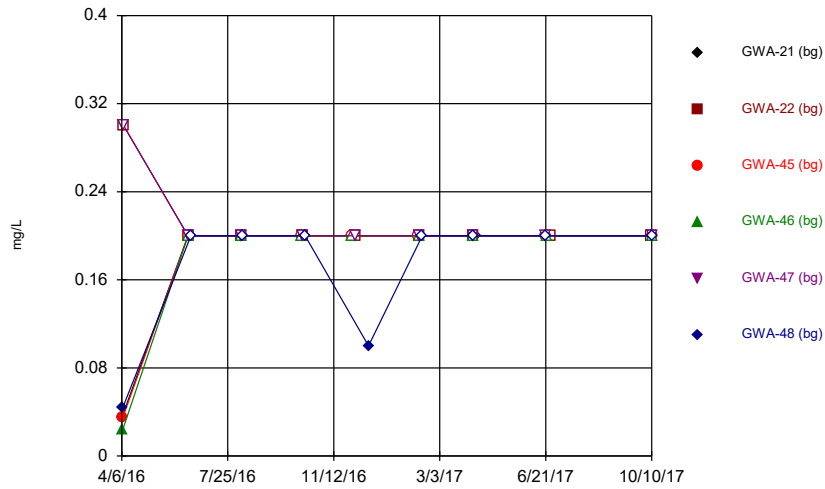
Constituent: Copper, Total Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



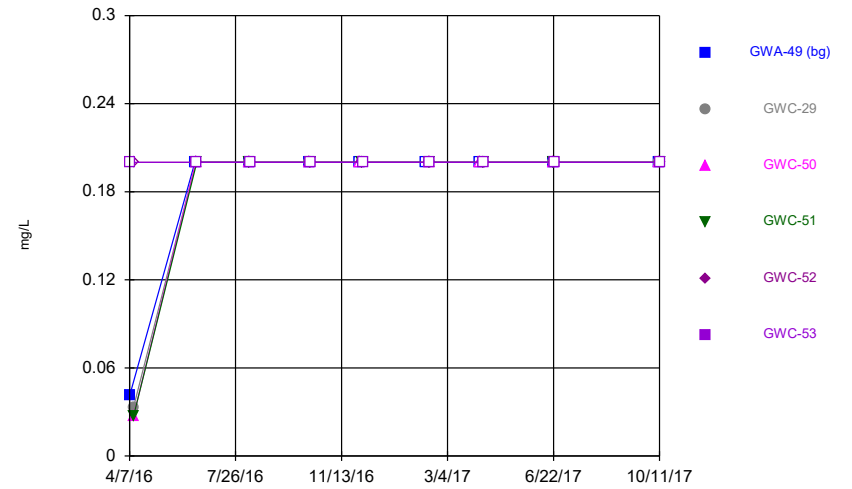
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



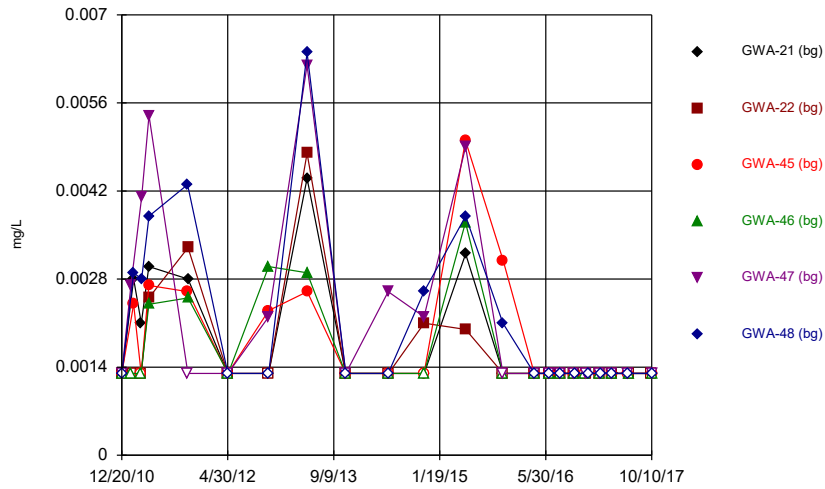
Constituent: Fluoride Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



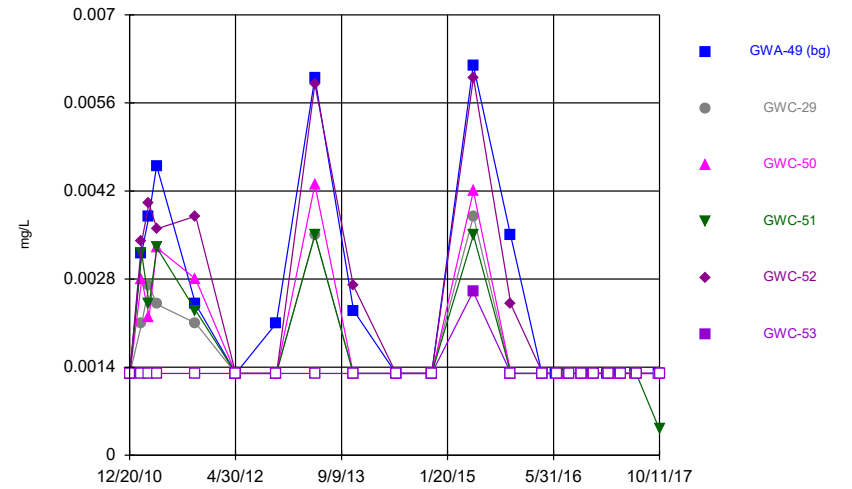
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Time Series



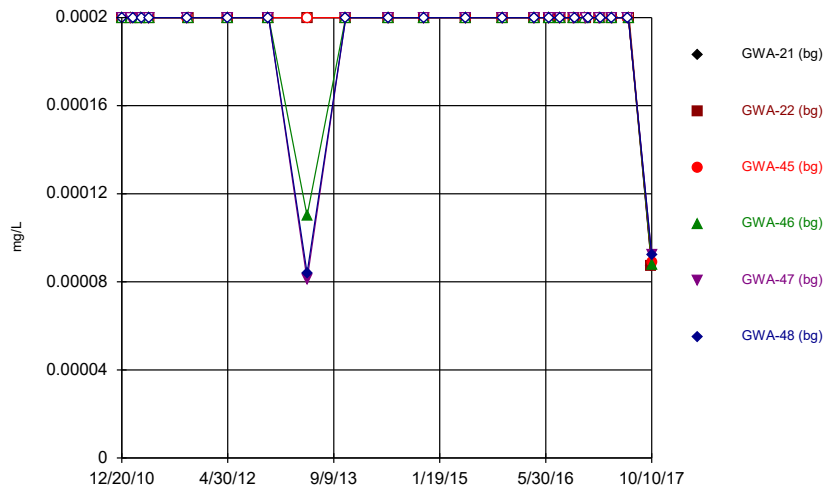
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



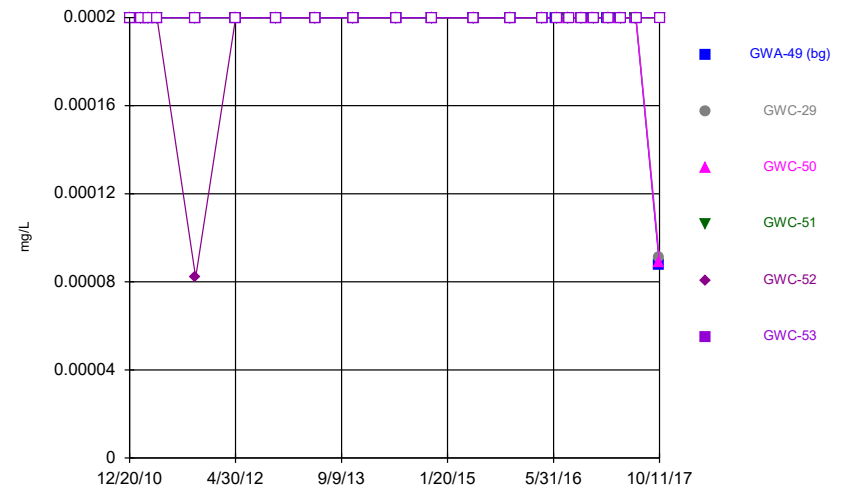
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



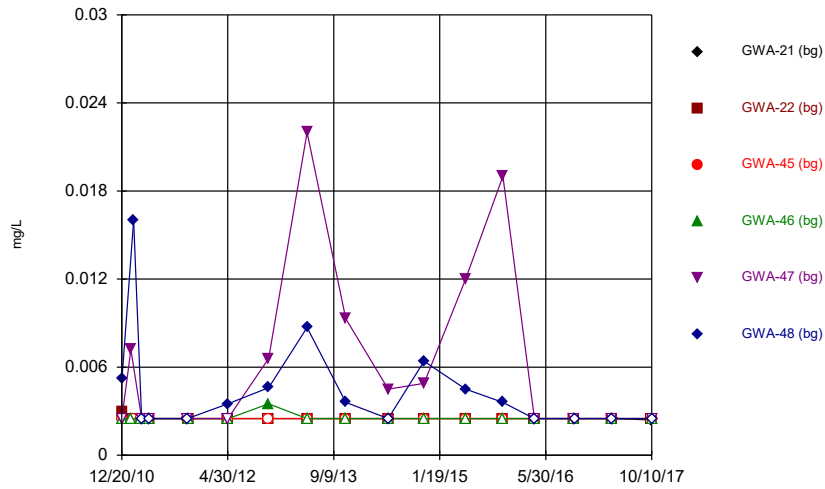
Constituent: Mercury, Total Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



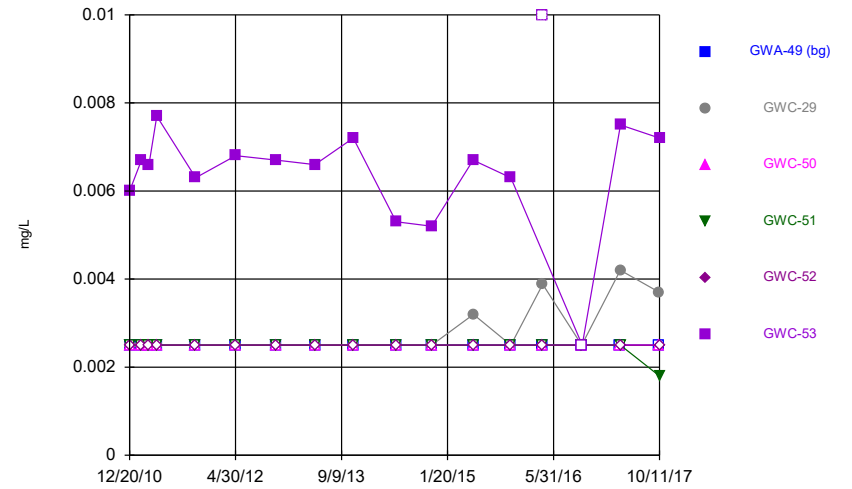
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



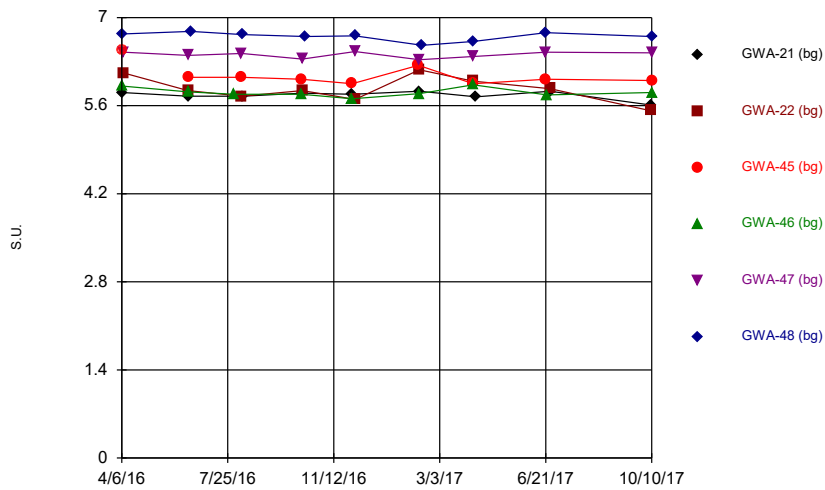
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



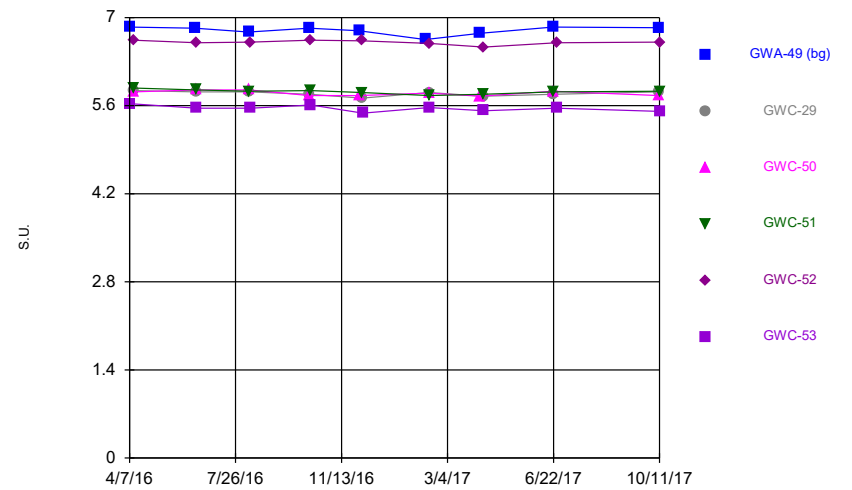
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



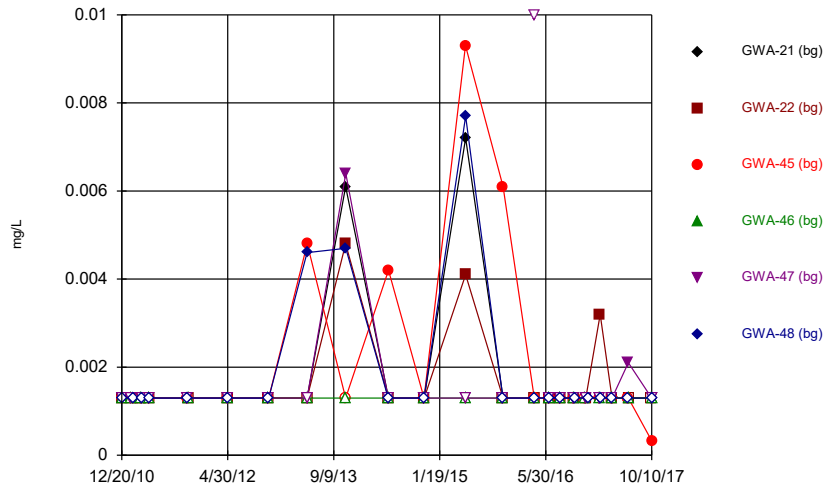
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



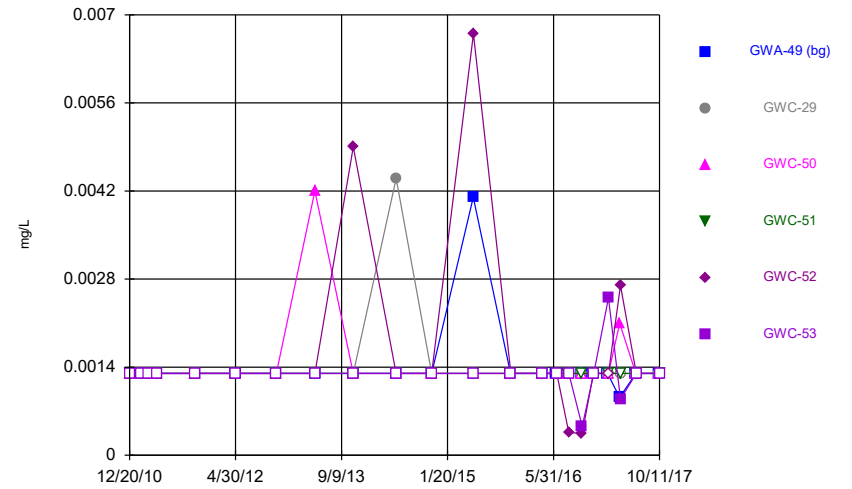
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



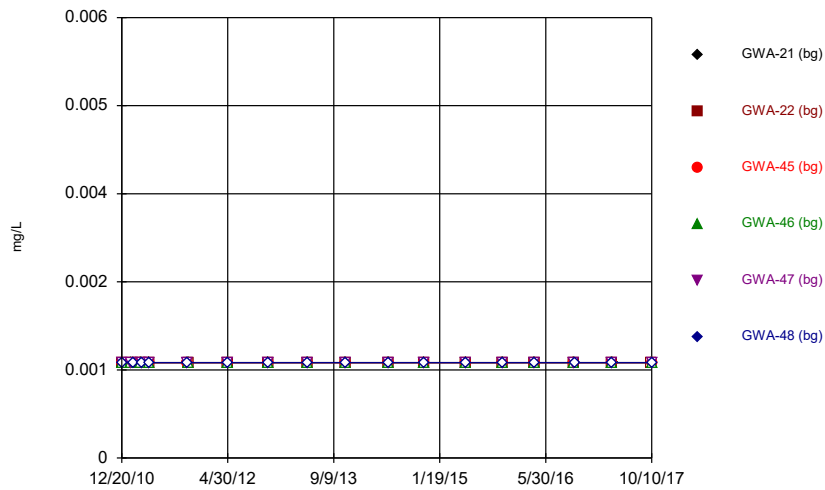
Constituent: Selenium, Total Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



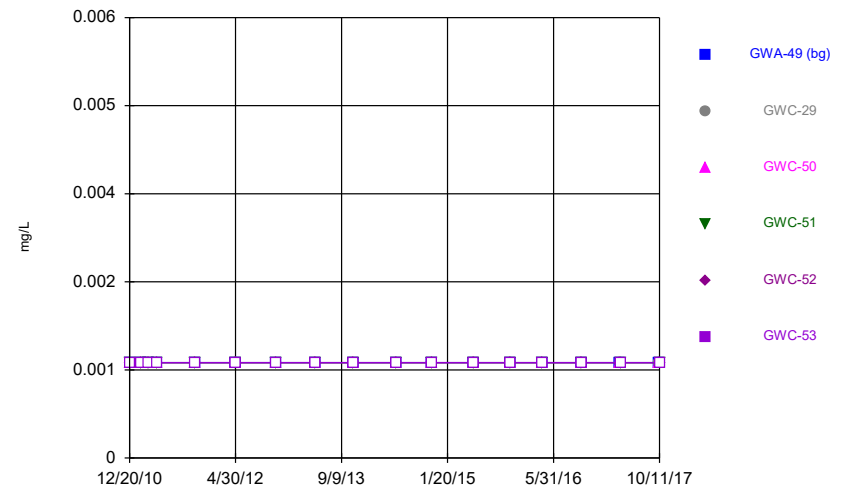
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 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



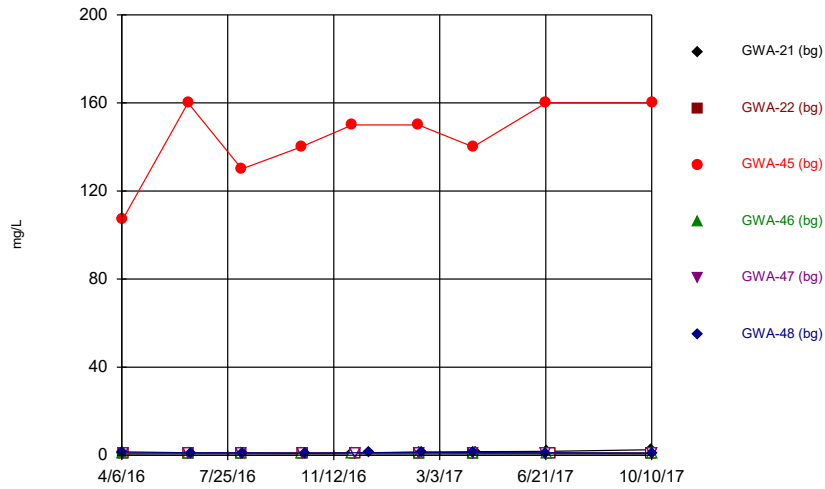
Constituent: Silver, Total Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



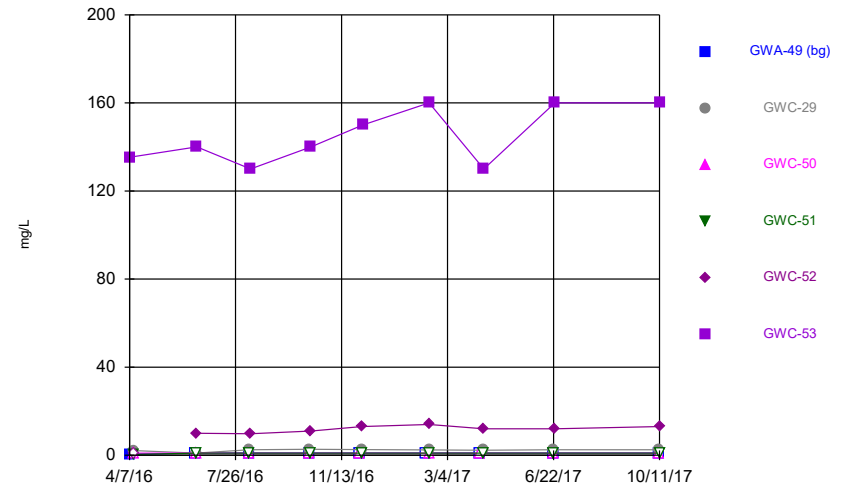
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Time Series



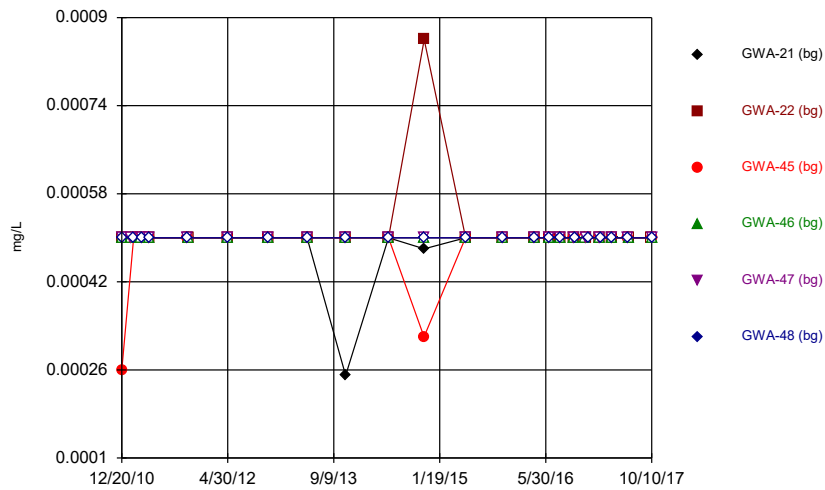
Constituent: Sulfate Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



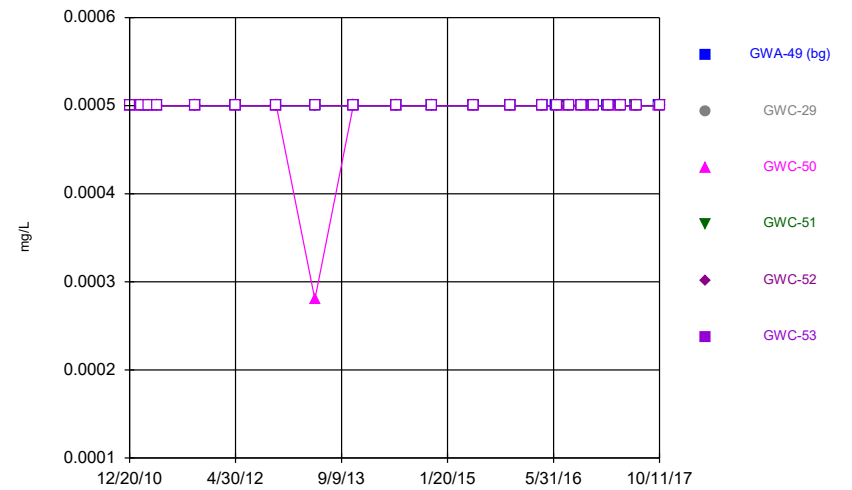
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



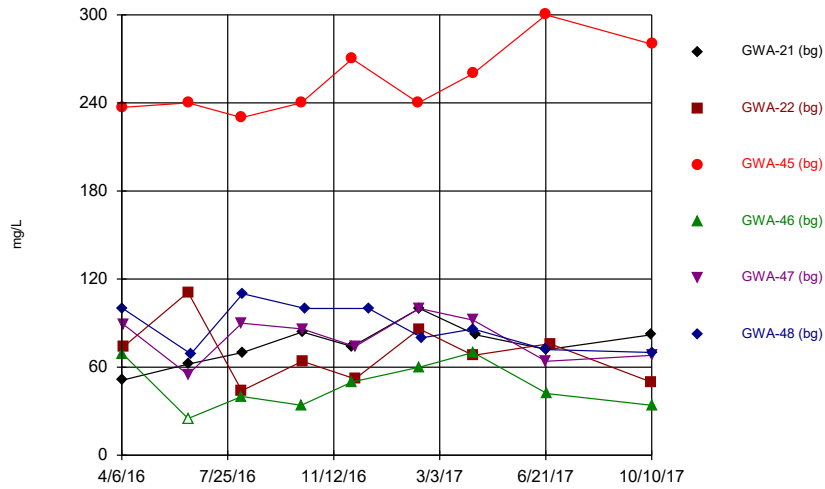
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



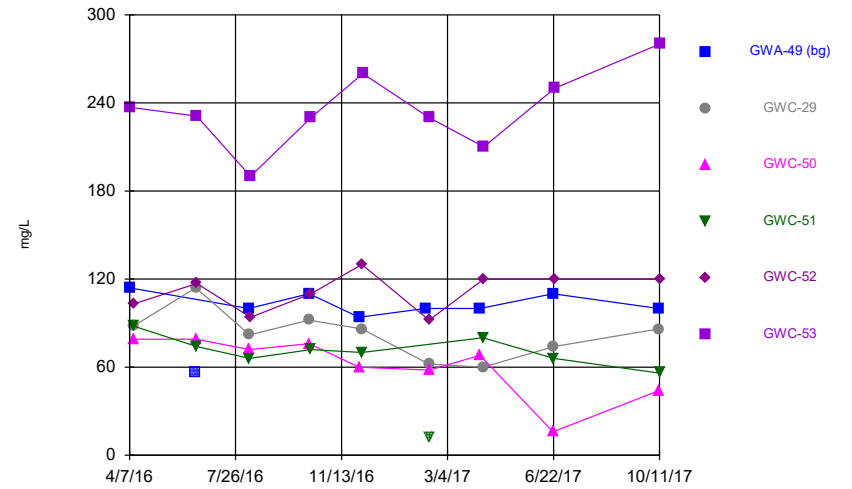
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Time Series



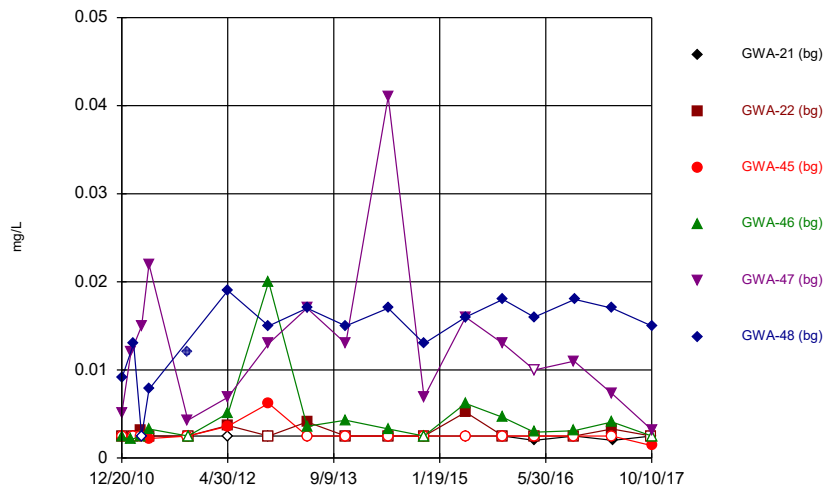
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



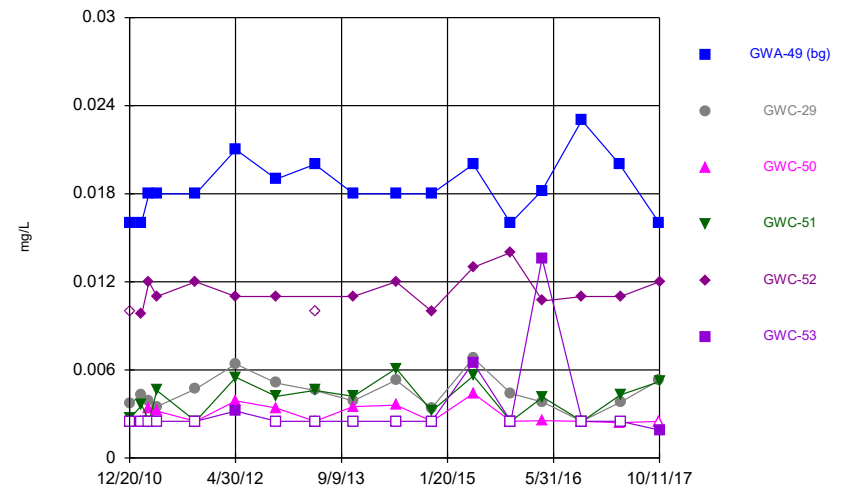
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



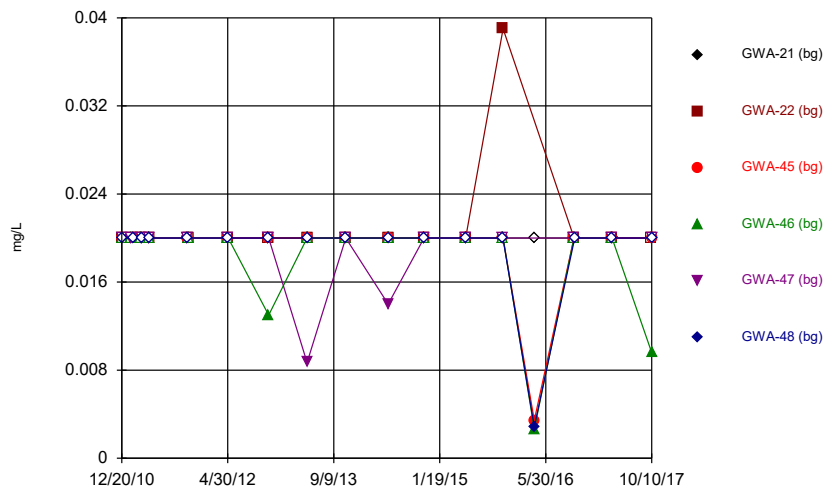
Constituent: Vanadium, Total Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



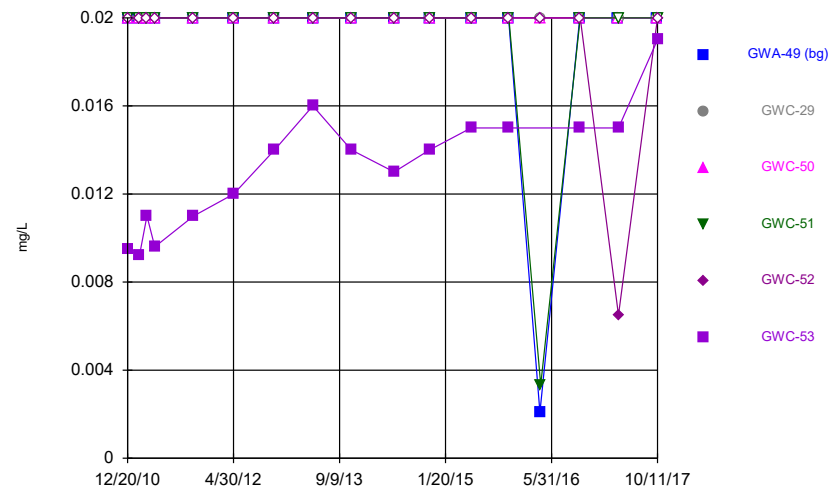
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



Constituent: Zinc, Total Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



Constituent: Zinc, Total Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

TREND ANALYSES & TIME SERIES PLOTS

PAC ASH CELL

Trend Test

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 4/12/2018, 12:28 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Boron (mg/L)	GWA-21 (bg)	0	6	25	No	9	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-22 (bg)	0	0	25	No	9	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-45 (bg)	0.4442	20	25	No	9	0	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-46 (bg)	0	0	25	No	9	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-47 (bg)	0	6	25	No	9	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-48 (bg)	0	0	25	No	9	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-49 (bg)	0	0	25	No	9	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-29	0	6	25	No	9	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-50	0	0	25	No	9	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-51	0	0	25	No	9	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-52	0	0	25	No	9	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-53	0.09562	11	25	No	9	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-21 (bg)	0.9423	8	25	No	9	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-22 (bg)	-1.126	-10	-25	No	9	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-45 (bg)	5.178	15	25	No	9	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-46 (bg)	0.2109	3	25	No	9	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-47 (bg)	0	3	25	No	9	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-48 (bg)	0.298	9	25	No	9	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-49 (bg)	0.3023	7	21	No	8	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-29	0.3361	7	25	No	9	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-50	-0.1097	-3	-25	No	9	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-51	-0.1971	-4	-25	No	9	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-52	0.237	11	18	No	7	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-53	2.921	10	25	No	9	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-21 (bg)	0.39	13	25	No	9	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-22 (bg)	-0.484	-8	-25	No	9	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-45 (bg)	0.242	5	25	No	9	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-46 (bg)	0.182	7	25	No	9	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-47 (bg)	-0.161	-24	-25	No	9	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-48 (bg)	-0.1562	-20	-21	No	8	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-49 (bg)	-0.2313	-22	-25	No	9	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-29	-0.4888	-23	-21	Yes	8	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-50	-0.1194	-17	-25	No	9	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-51	0	1	21	No	8	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-52	0.1723	3	21	No	8	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-53	0	-3	-21	No	8	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-21 (bg)	0	8	25	No	9	88.89	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-22 (bg)	0	-8	-25	No	9	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-45 (bg)	0	8	25	No	9	88.89	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-46 (bg)	0	8	25	No	9	88.89	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-47 (bg)	0	-8	-25	No	9	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-48 (bg)	0	9	25	No	9	77.78	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-49 (bg)	0	8	25	No	9	88.89	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-29	0	8	25	No	9	88.89	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-50	0	8	25	No	9	88.89	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-51	0	8	25	No	9	88.89	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-52	0	0	25	No	9	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-53	0	0	25	No	9	100	n/a	n/a	0.01	NP
pH (S.U.)	GWA-21 (bg)	-0.01359	-4	-25	No	9	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-22 (bg)	-0.2013	-7	-25	No	9	0	n/a	n/a	0.01	NP

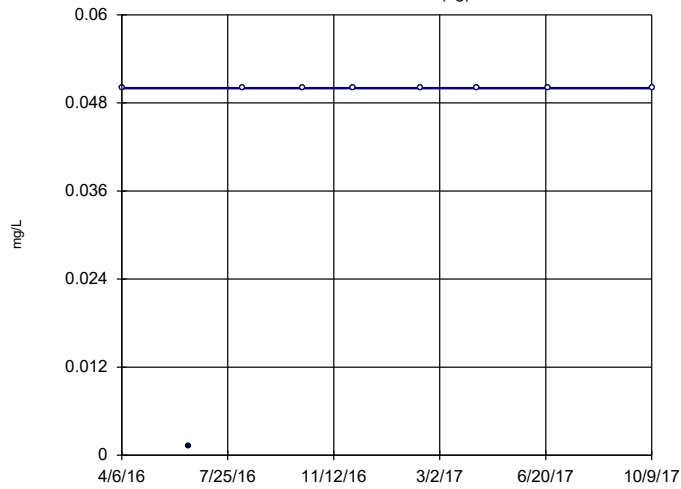
Trend Test

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 4/12/2018, 12:28 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
pH (S.U.)	GWA-45 (bg)	-0.03616	-9	-21	No	8	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-46 (bg)	-0.01273	-5	-25	No	9	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-47 (bg)	-0.00...	-1	-25	No	9	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-48 (bg)	-0.05304	-13	-25	No	9	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-49 (bg)	-0.01846	-4	-25	No	9	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-29	-0.03735	-12	-25	No	9	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-50	-0.02633	-12	-25	No	9	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-51	-0.0562	-17	-25	No	9	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-52	-0.02177	-11	-25	No	9	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-53	-0.05319	-15	-25	No	9	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-21 (bg)	1.044	29	25	Yes	9	11.11	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-22 (bg)	0	0	25	No	9	100	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-45 (bg)	26.54	17	25	No	9	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-46 (bg)	0	8	25	No	9	88.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-47 (bg)	0	0	25	No	9	100	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-48 (bg)	-0.1485	-8	-25	No	9	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-49 (bg)	0	8	25	No	9	88.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-29	0	2	25	No	9	11.11	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-50	0	0	25	No	9	100	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-51	0	8	25	No	9	88.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-52	2.357	14	21	No	8	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-53	19.84	17	25	No	9	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-21 (bg)	19.28	17	25	No	9	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-22 (bg)	-10.05	-4	-25	No	9	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-45 (bg)	39.62	23	25	No	9	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-46 (bg)	1.648	3	25	No	9	11.11	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-47 (bg)	-6.487	-2	-25	No	9	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-48 (bg)	-23.29	-15	-25	No	9	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-49 (bg)	0	-5	-21	No	8	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-29	-19.65	-15	-25	No	9	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-50	-25.7	-27	-25	Yes	9	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-51	-11.14	-15	-21	No	8	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-52	10.69	11	25	No	9	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-53	26.05	7	25	No	9	0	n/a	n/a	0.01	NP

Sen's Slope Estimator

GWA-21 (bg)

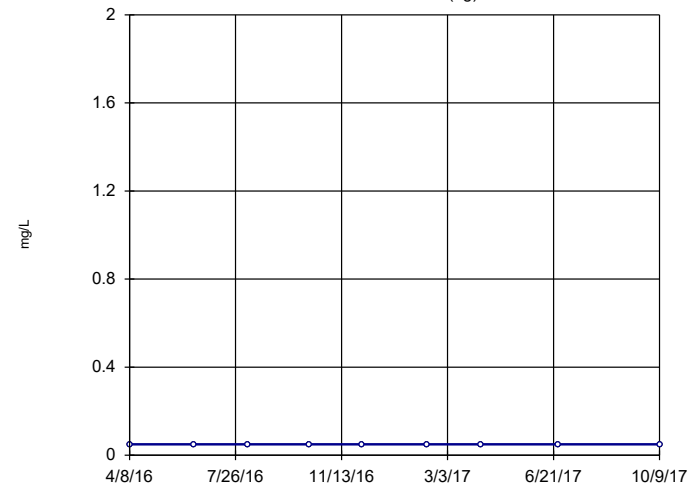


n = 9
Slope = 0
units per year.
Mann-Kendall
statistic = 6
critical = 25
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Boron Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

GWA-22 (bg)

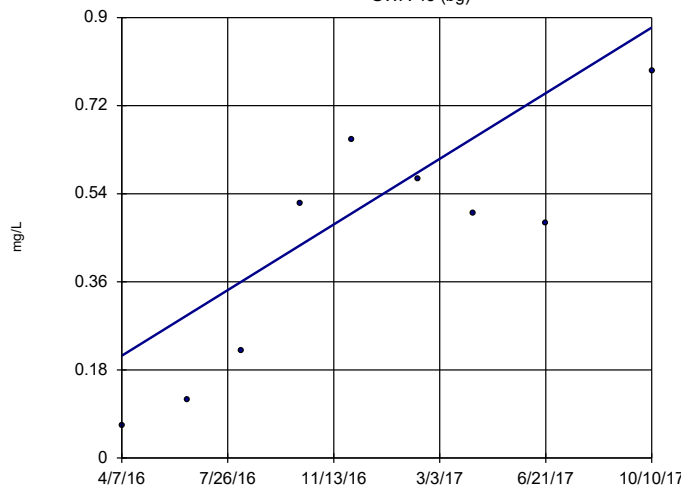


n = 9
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 25
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Boron Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

GWA-45 (bg)

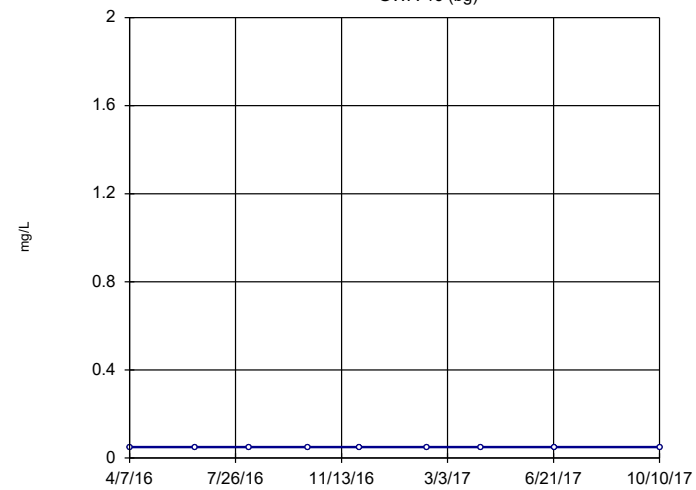


n = 9
Slope = 0.4442
units per year.
Mann-Kendall
statistic = 20
critical = 25
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Boron Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

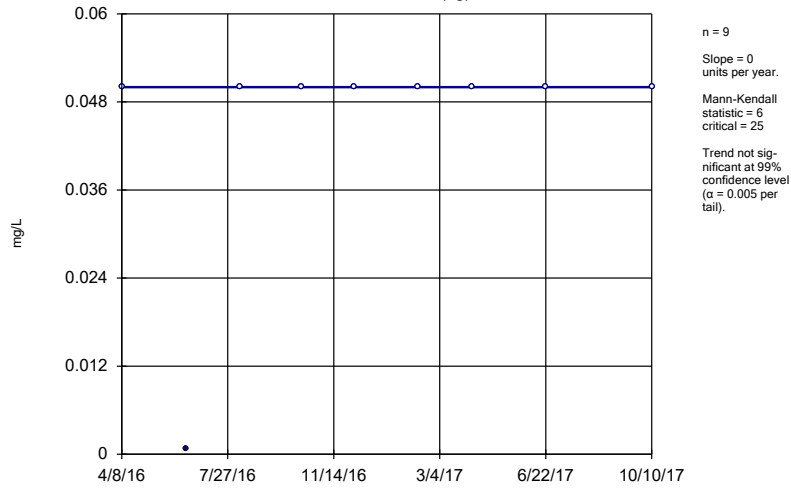
GWA-46 (bg)



n = 9
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 25
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

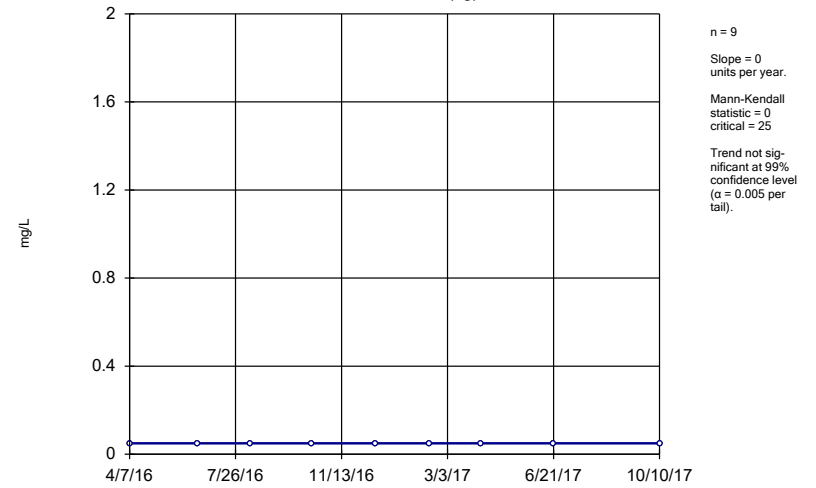
Constituent: Boron Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator
GWA-47 (bg)



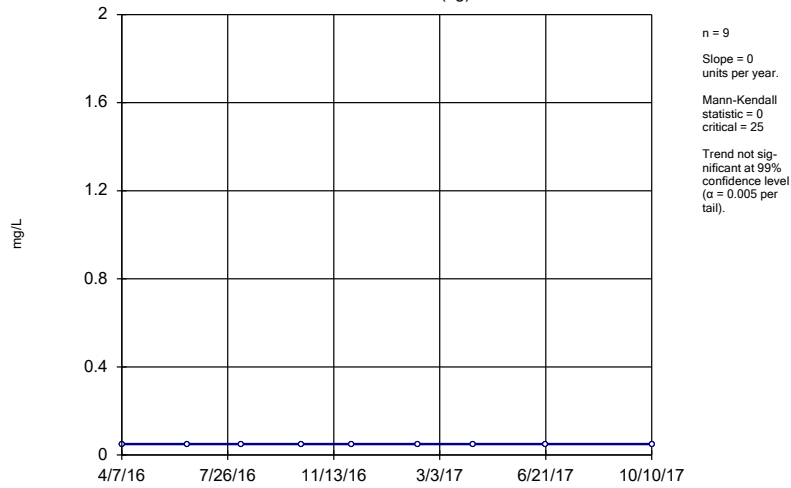
Constituent: Boron Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator
GWA-48 (bg)



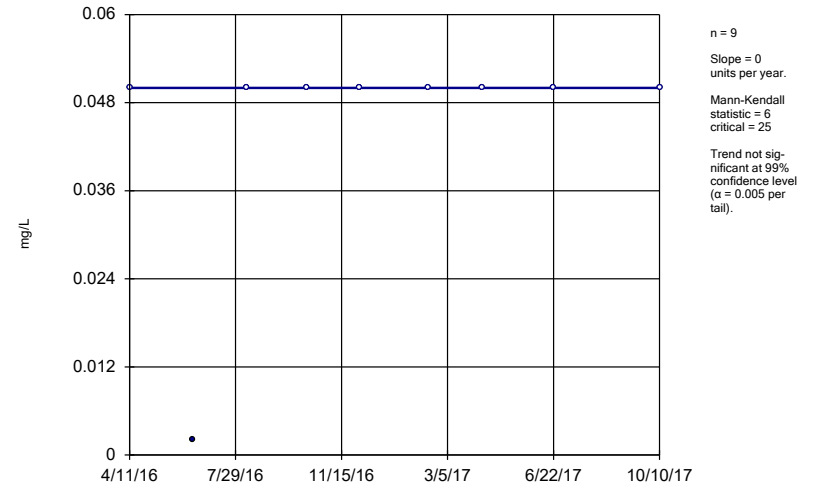
Constituent: Boron Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator
GWA-49 (bg)



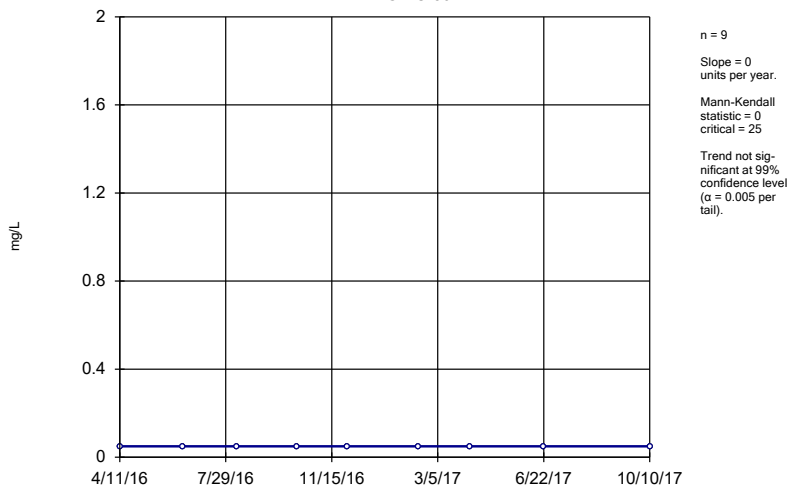
Constituent: Boron Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator
GWC-29



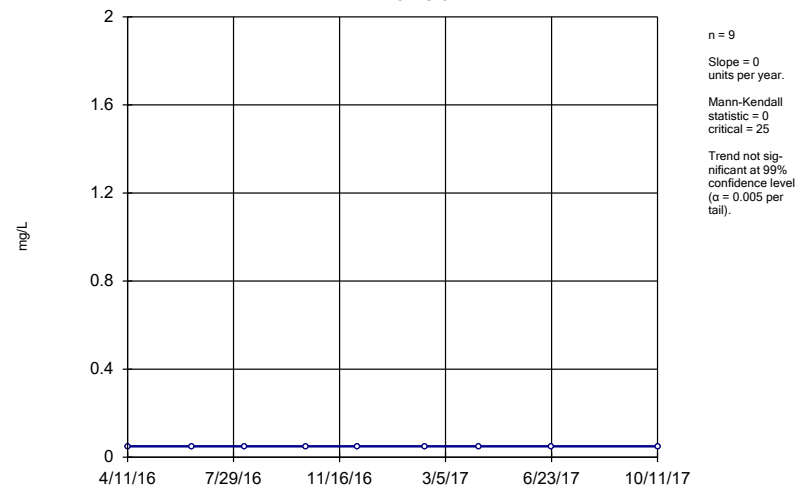
Constituent: Boron Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator GWC-50



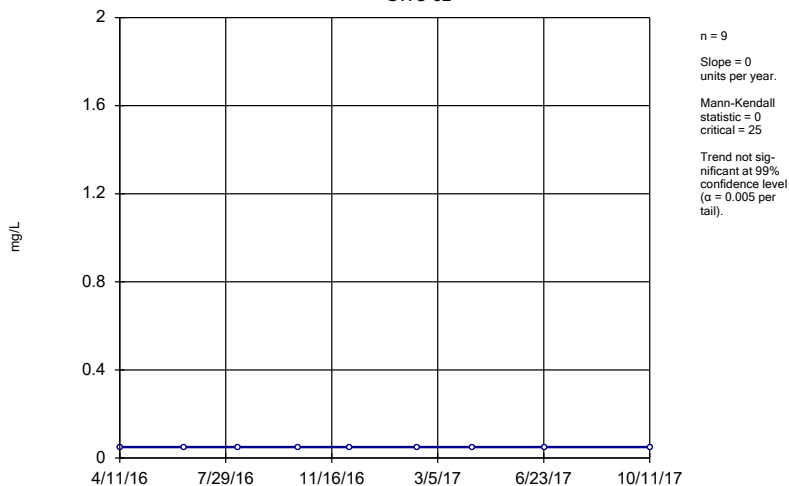
Constituent: Boron Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator GWC-51



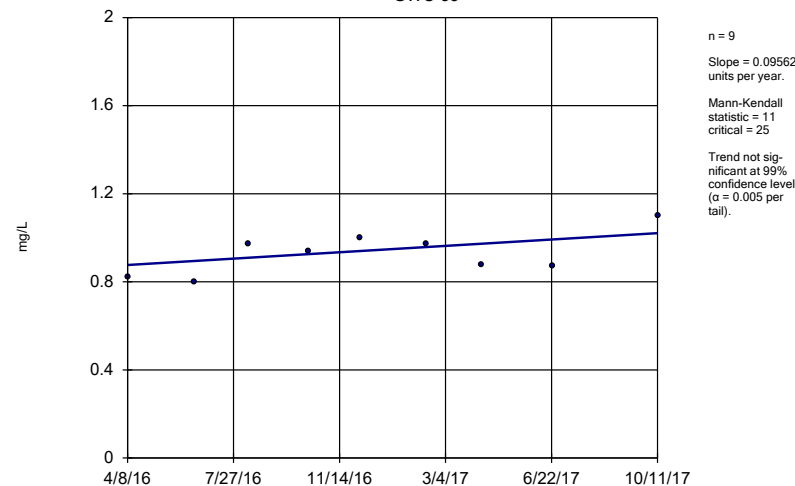
Constituent: Boron Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator GWC-52



Constituent: Boron Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

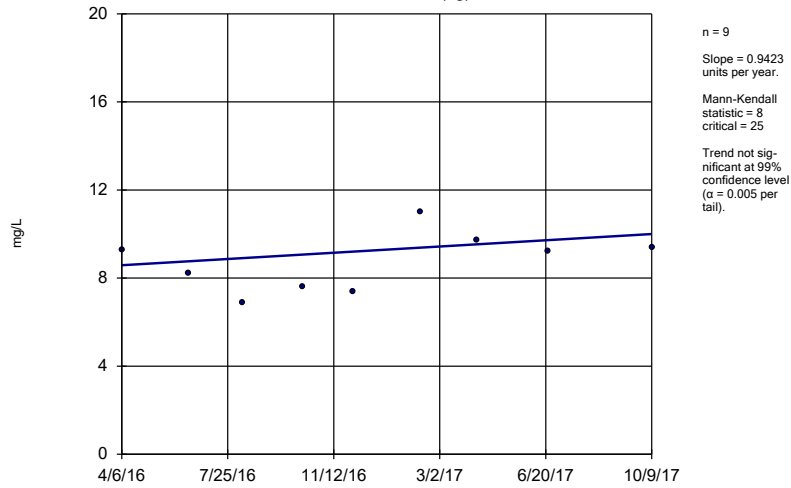
Sen's Slope Estimator GWC-53



Constituent: Boron Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

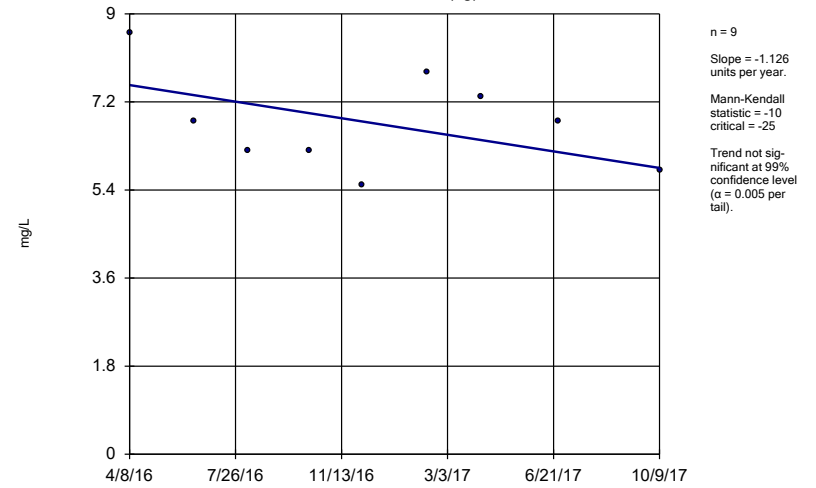
GWA-21 (bg)



Constituent: Calcium Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

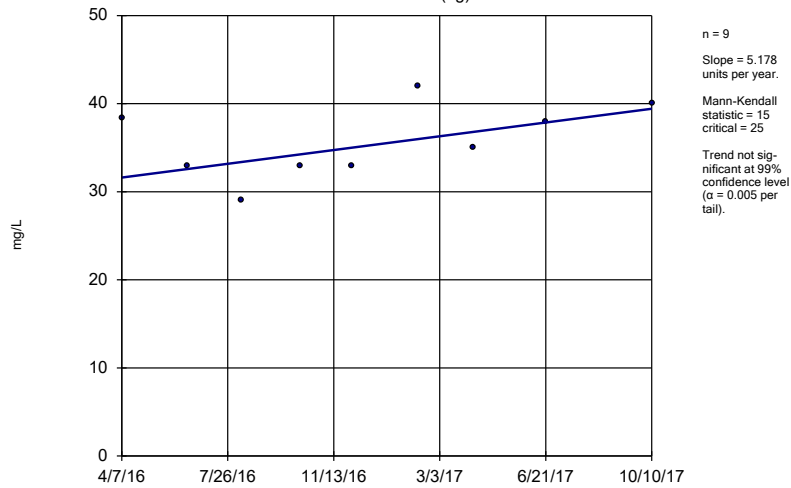
GWA-22 (bg)



Constituent: Calcium Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

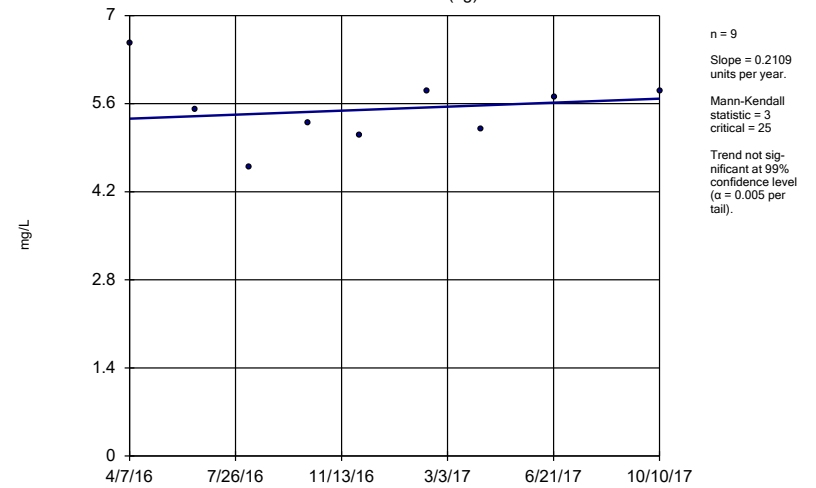
GWA-45 (bg)



Constituent: Calcium Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

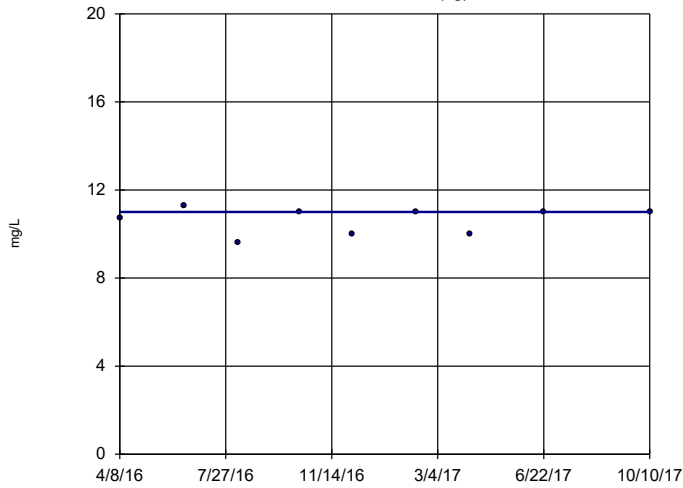
GWA-46 (bg)



Constituent: Calcium Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

GWA-47 (bg)

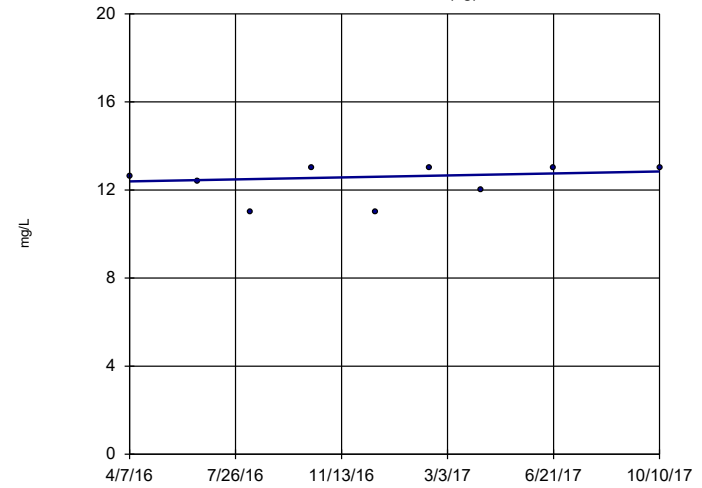


n = 9
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = 3
 critical = 25
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 4/12/2018 12:26 PM View: ApplIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

GWA-48 (bg)

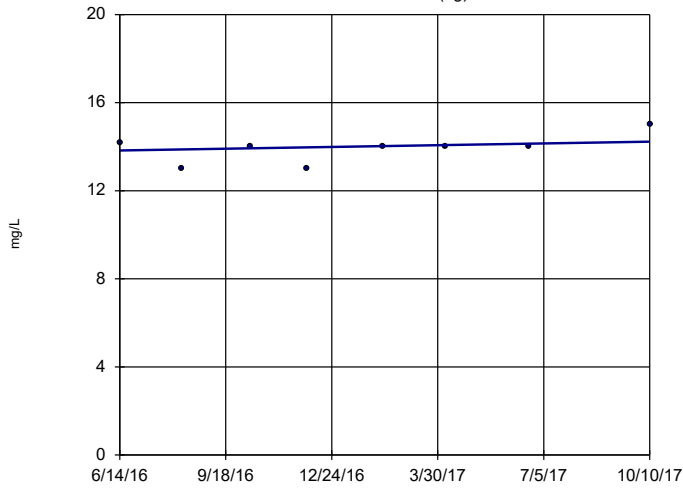


n = 9
 Slope = 0.298
 units per year.
 Mann-Kendall
 statistic = 9
 critical = 25
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 4/12/2018 12:26 PM View: ApplIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

GWA-49 (bg)

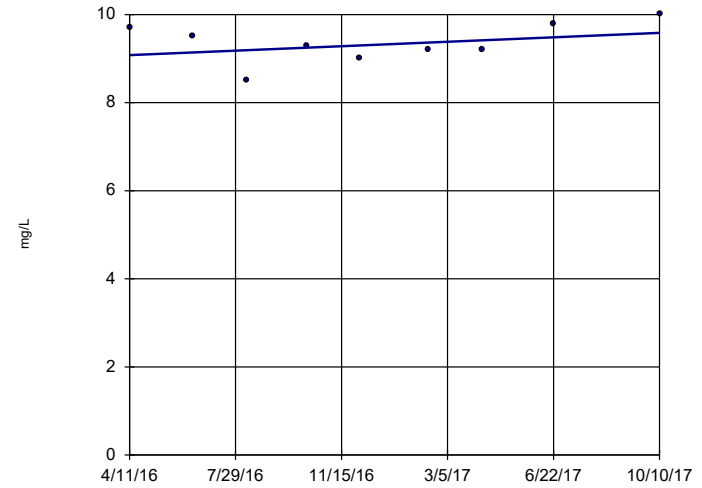


n = 8
 Slope = 0.3023
 units per year.
 Mann-Kendall
 statistic = 7
 critical = 21
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 4/12/2018 12:26 PM View: ApplIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

GWC-29

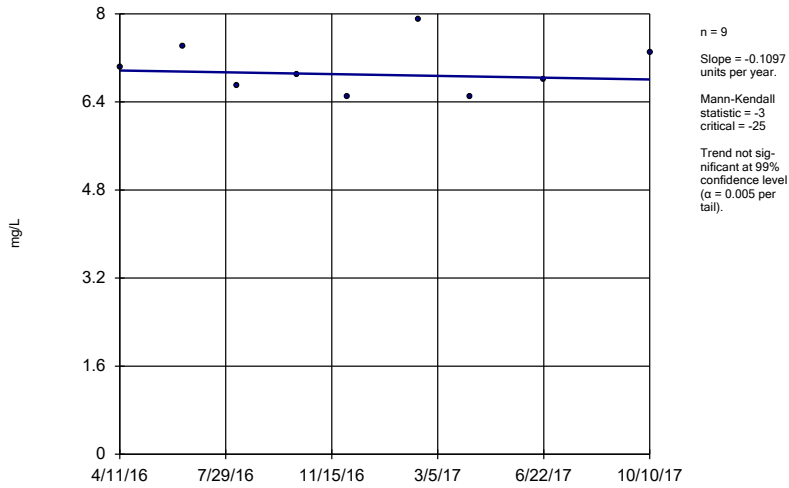


n = 9
 Slope = 0.3361
 units per year.
 Mann-Kendall
 statistic = 7
 critical = 25
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 4/12/2018 12:26 PM View: ApplIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

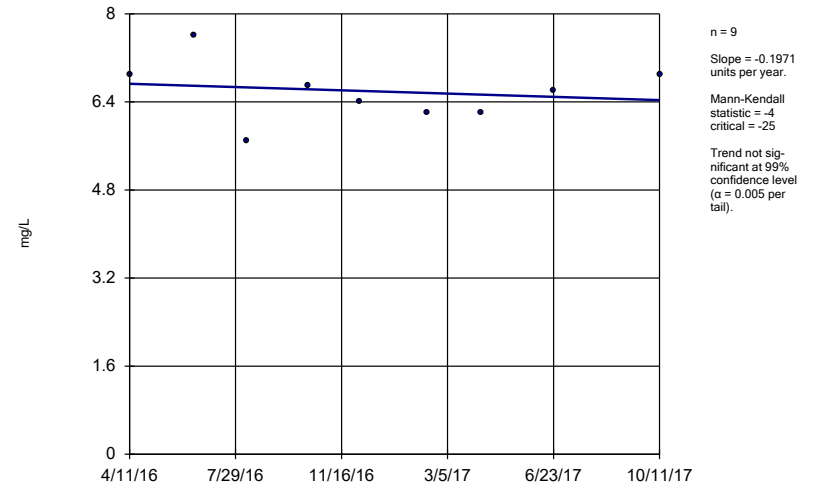
GWC-50



Constituent: Calcium Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

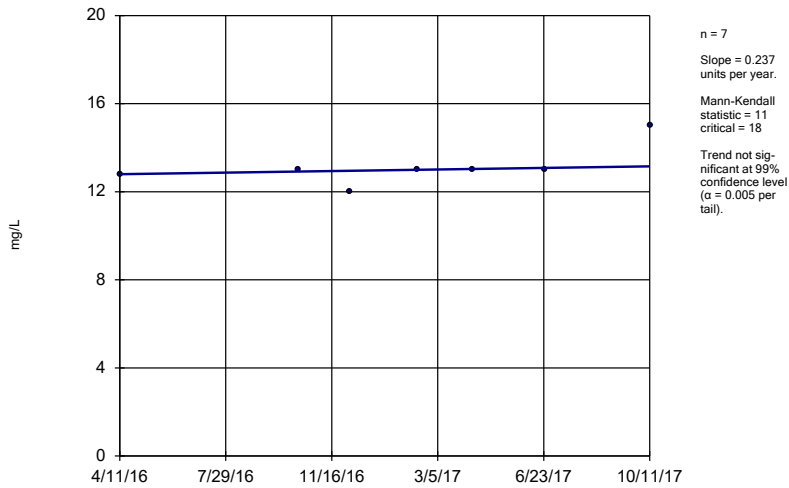
GWC-51



Constituent: Calcium Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

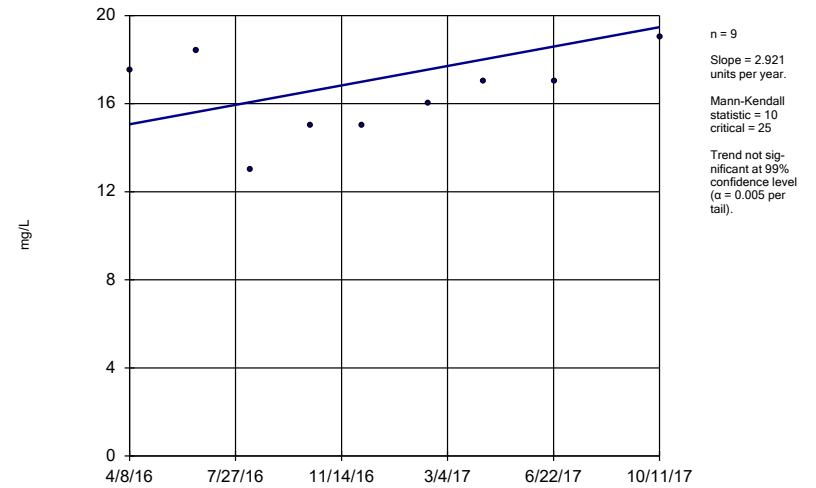
GWC-52



Constituent: Calcium Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

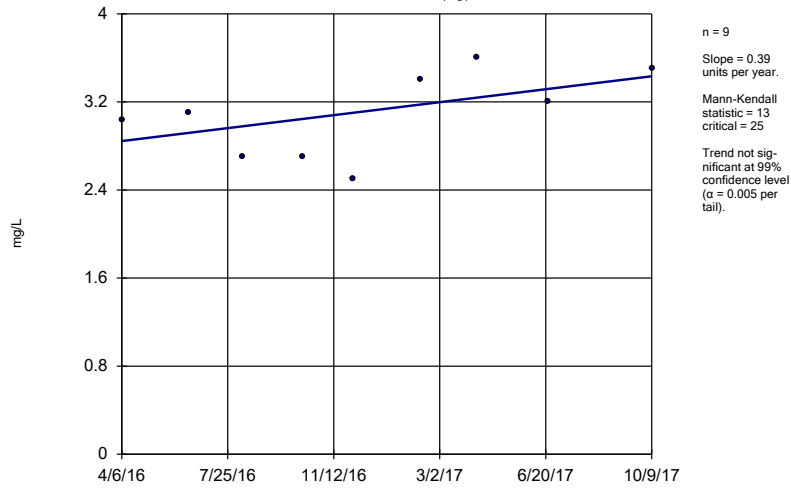
GWC-53



Constituent: Calcium Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

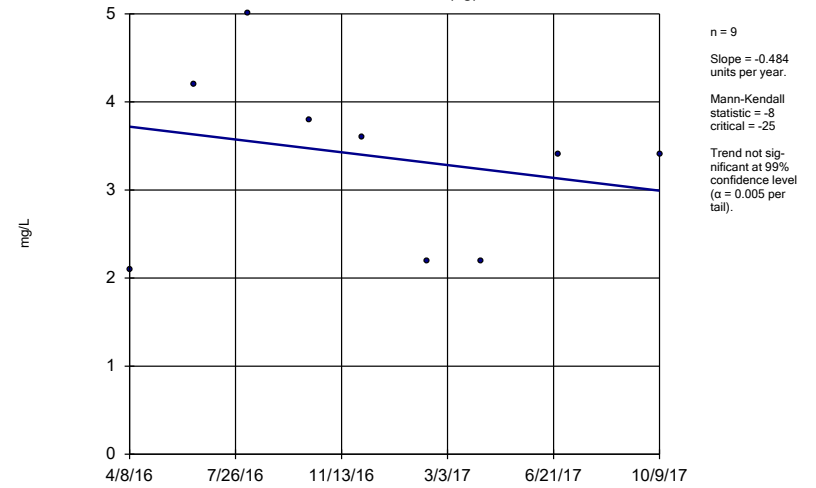
GWA-21 (bg)



Constituent: Chloride Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

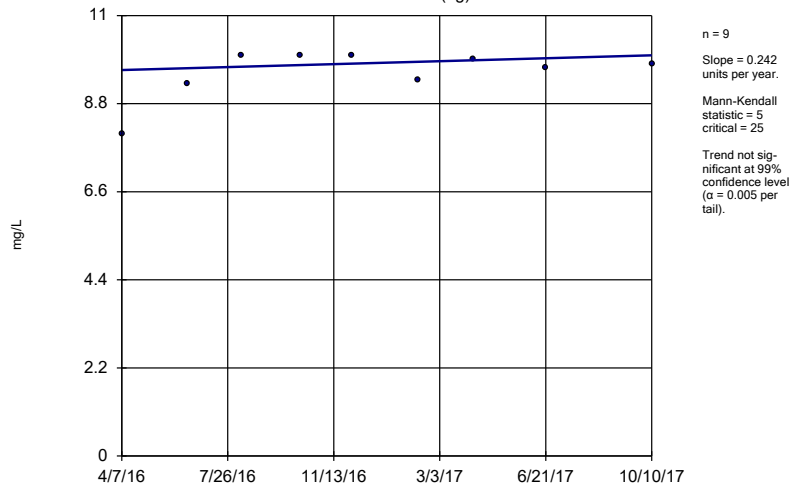
GWA-22 (bg)



Constituent: Chloride Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

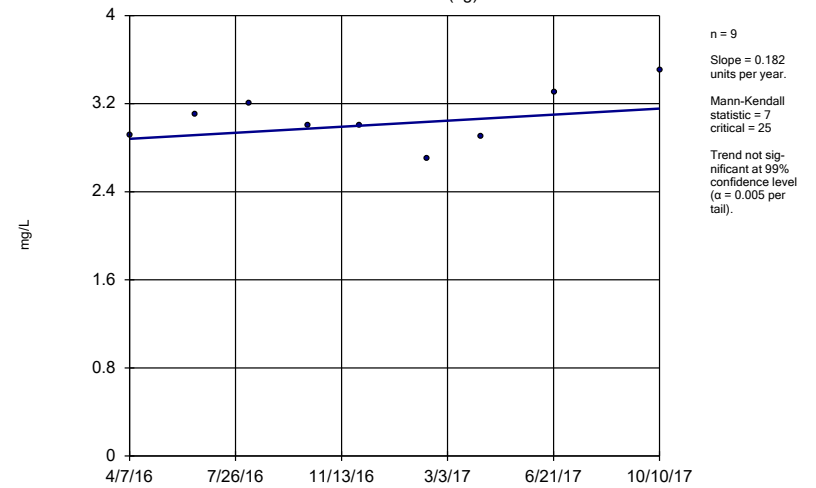
GWA-45 (bg)



Constituent: Chloride Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

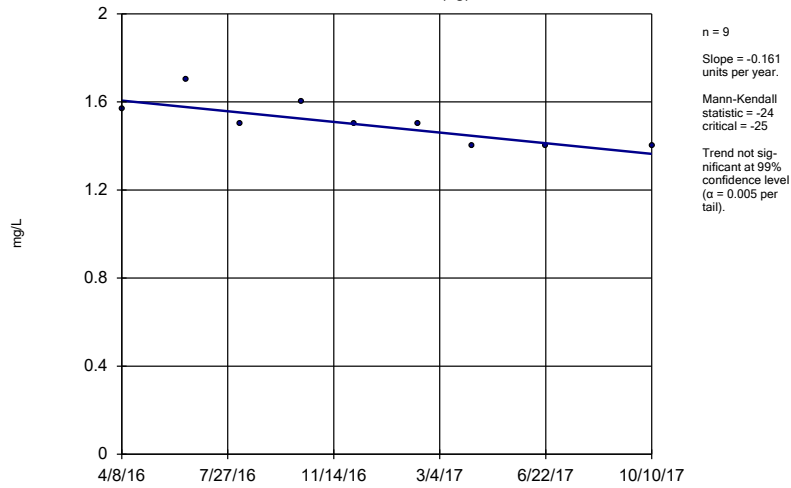
GWA-46 (bg)



Constituent: Chloride Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

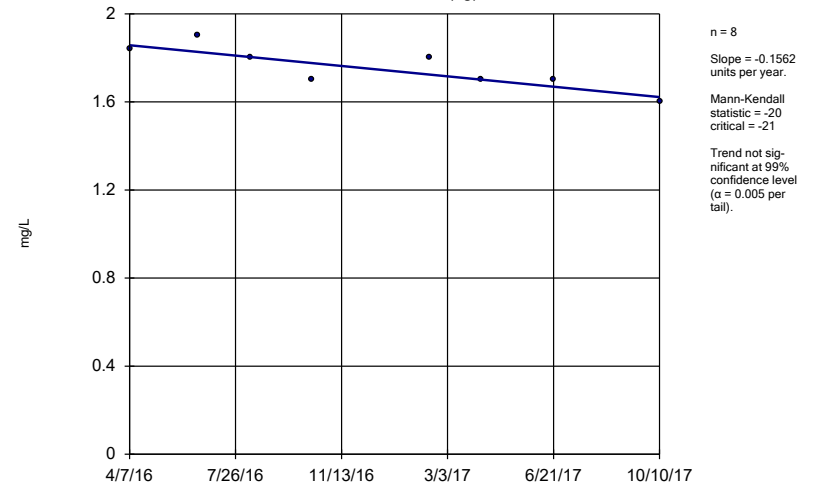
GWA-47 (bg)



Constituent: Chloride Analysis Run 4/12/2018 12:26 PM View: ApplIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

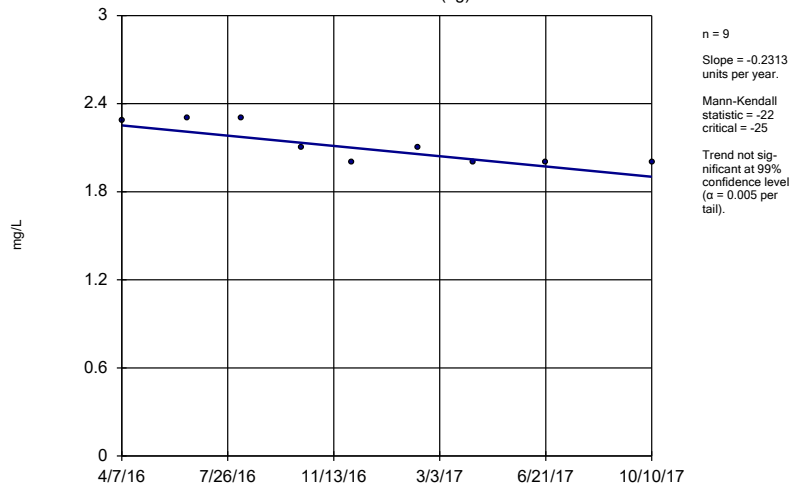
GWA-48 (bg)



Constituent: Chloride Analysis Run 4/12/2018 12:26 PM View: ApplIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

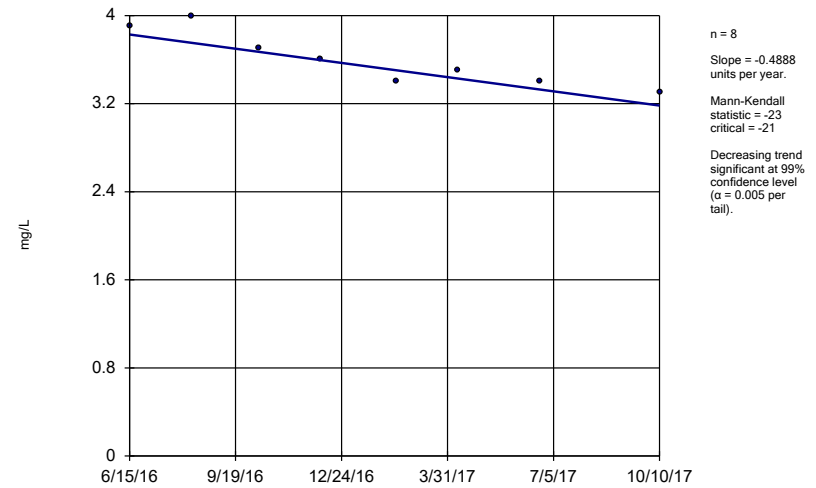
GWA-49 (bg)



Constituent: Chloride Analysis Run 4/12/2018 12:26 PM View: ApplIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

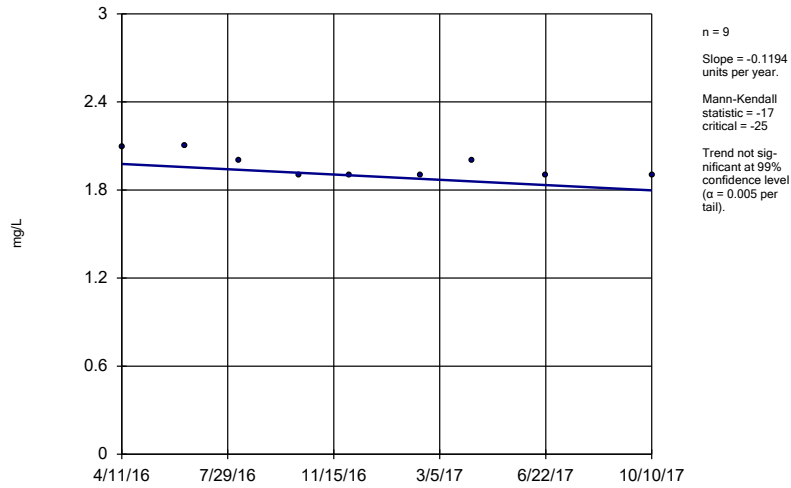
Sen's Slope Estimator

GWC-29



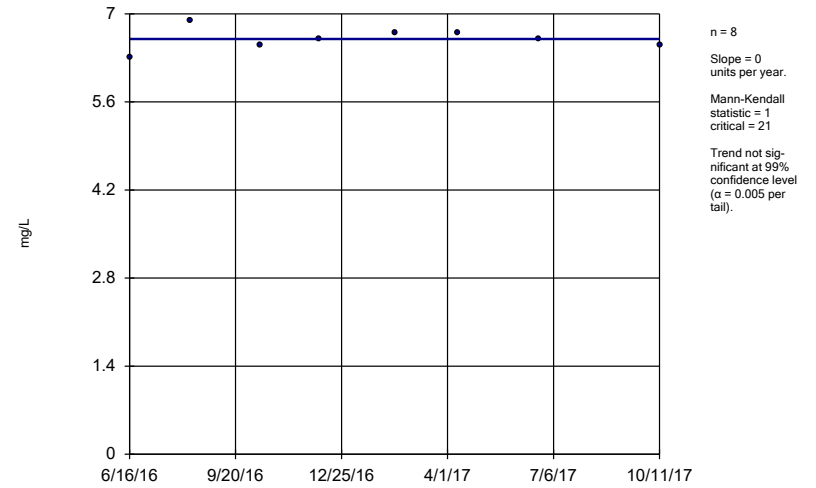
Constituent: Chloride Analysis Run 4/12/2018 12:26 PM View: ApplIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator GWC-50



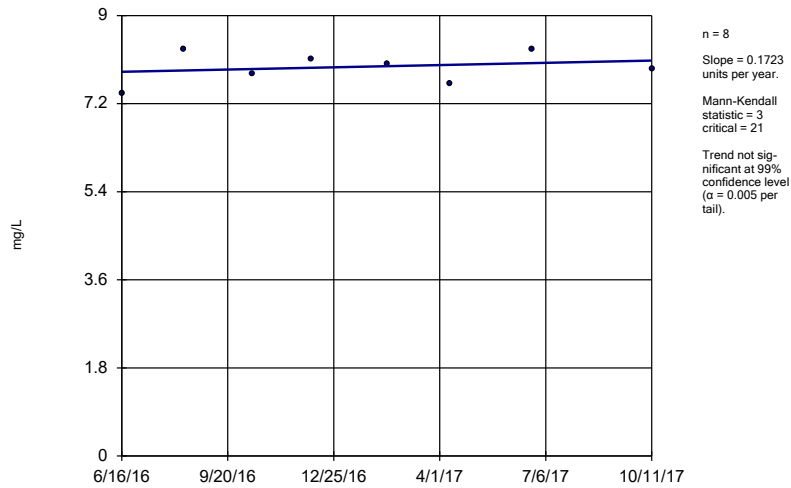
Constituent: Chloride Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator GWC-51



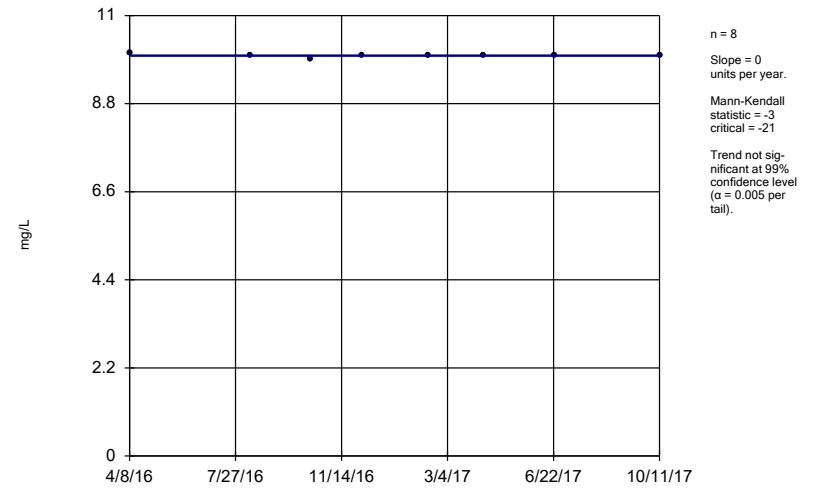
Constituent: Chloride Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator GWC-52



Constituent: Chloride Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

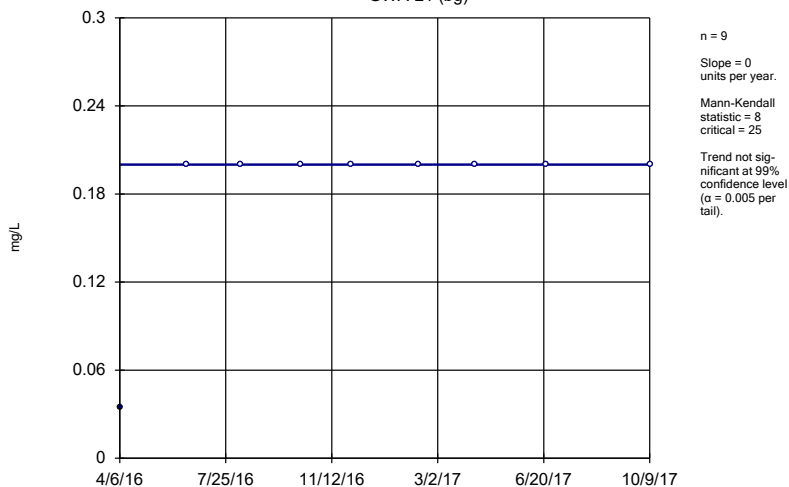
Sen's Slope Estimator GWC-53



Constituent: Chloride Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

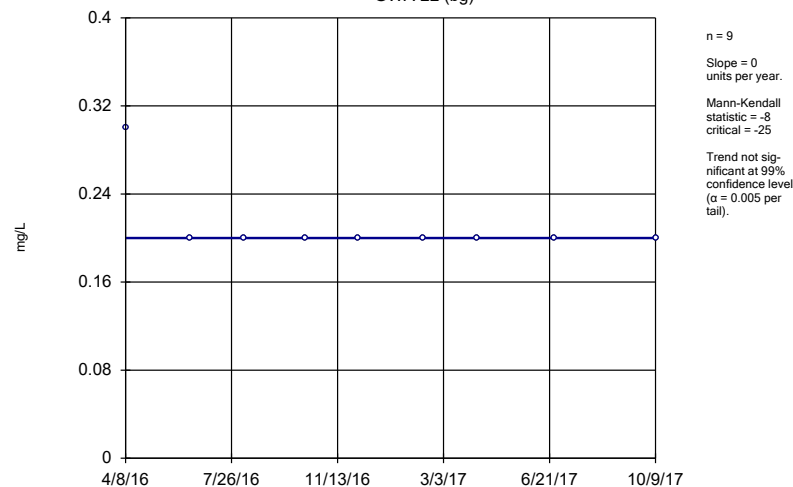
GWA-21 (bg)



Constituent: Fluoride Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

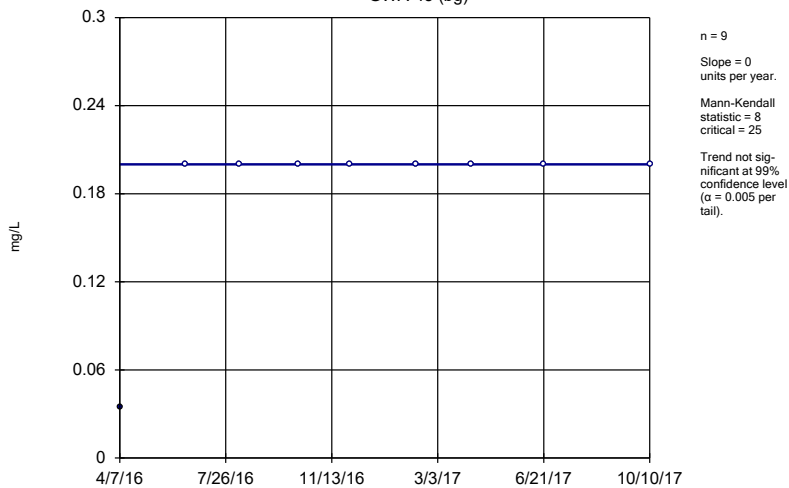
GWA-22 (bg)



Constituent: Fluoride Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

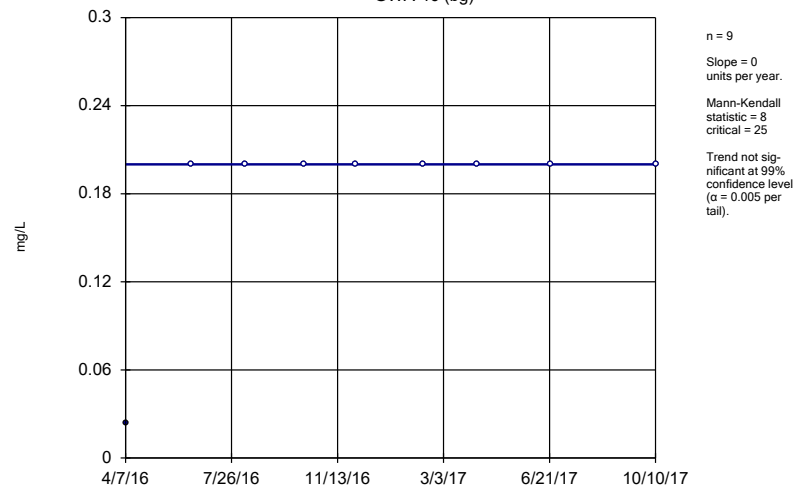
GWA-45 (bg)



Constituent: Fluoride Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

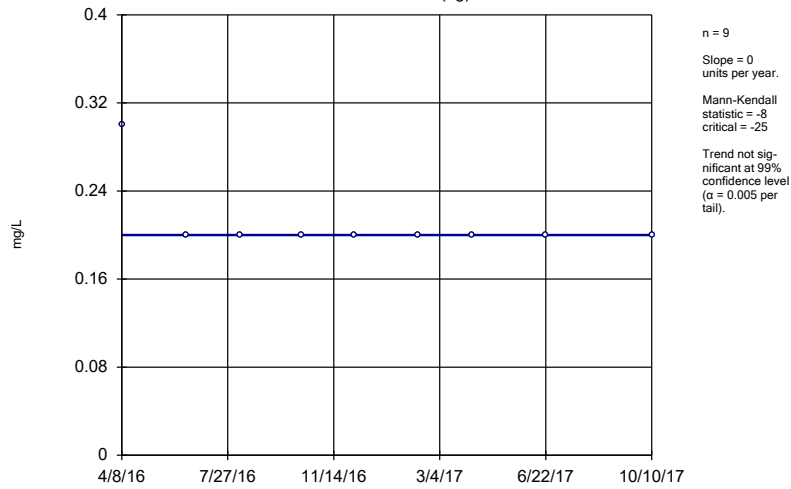
Sen's Slope Estimator

GWA-46 (bg)



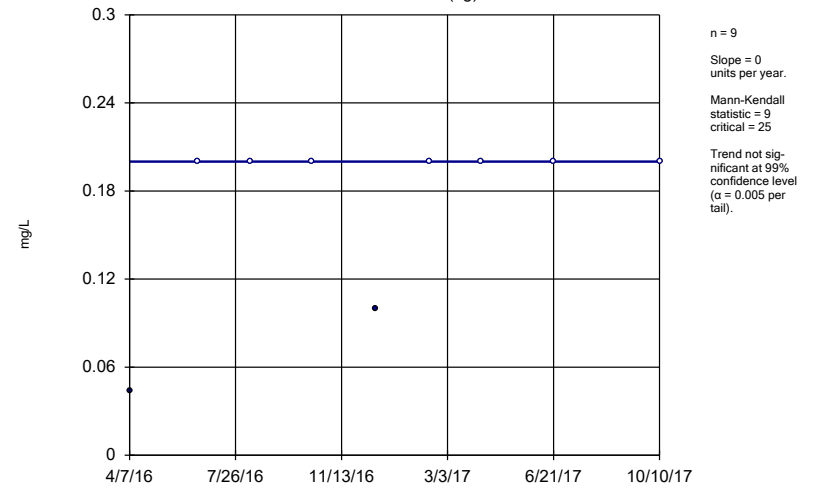
Constituent: Fluoride Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator
GWA-47 (bg)



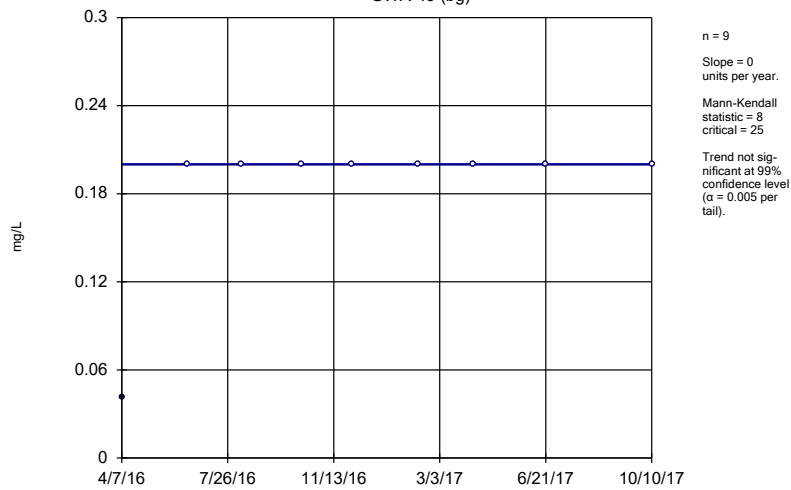
Constituent: Fluoride Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator
GWA-48 (bg)



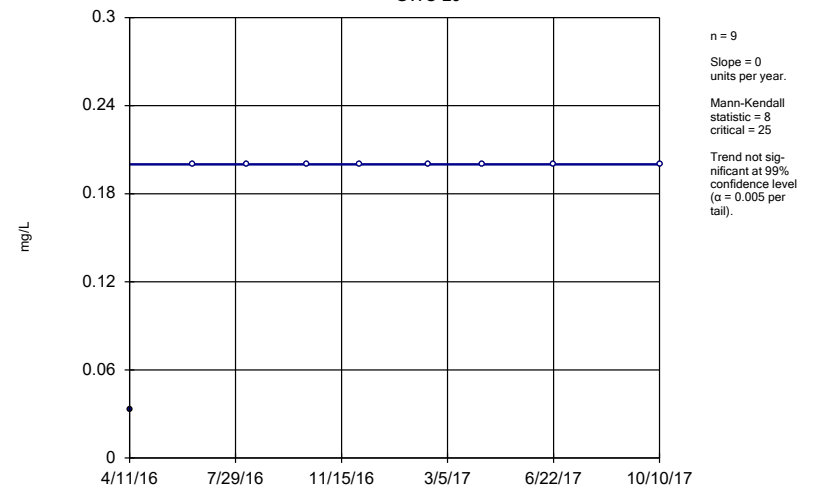
Constituent: Fluoride Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator
GWA-49 (bg)



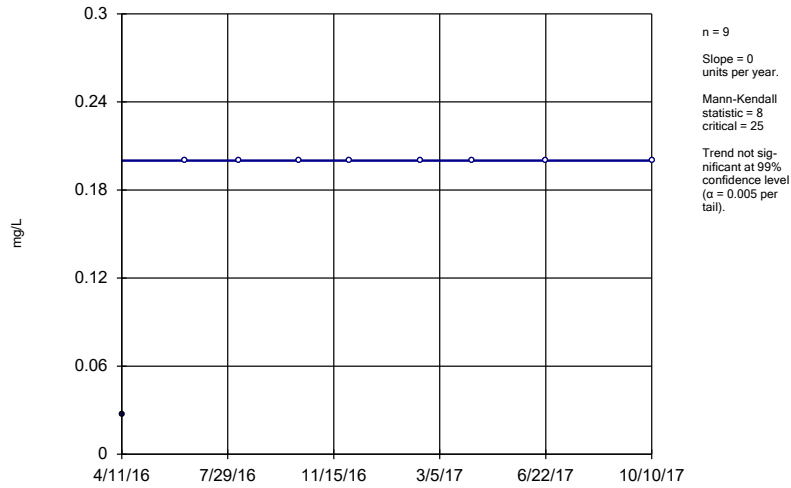
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator
GWC-29



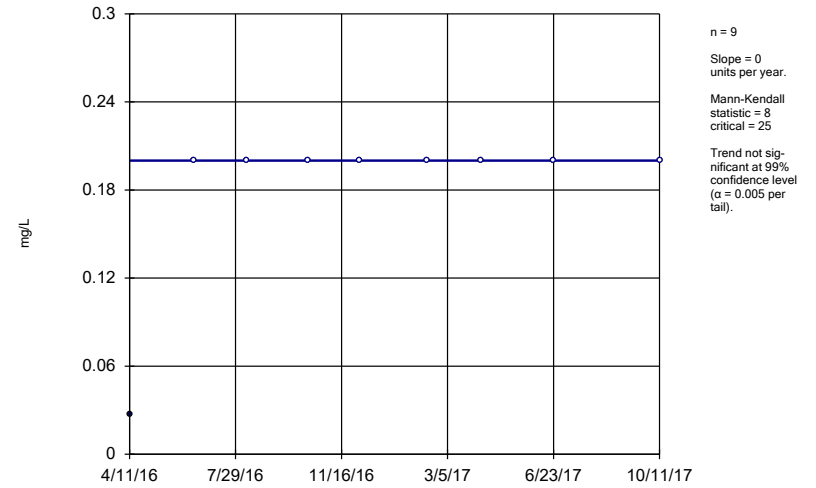
Constituent: Fluoride Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator
GWC-50



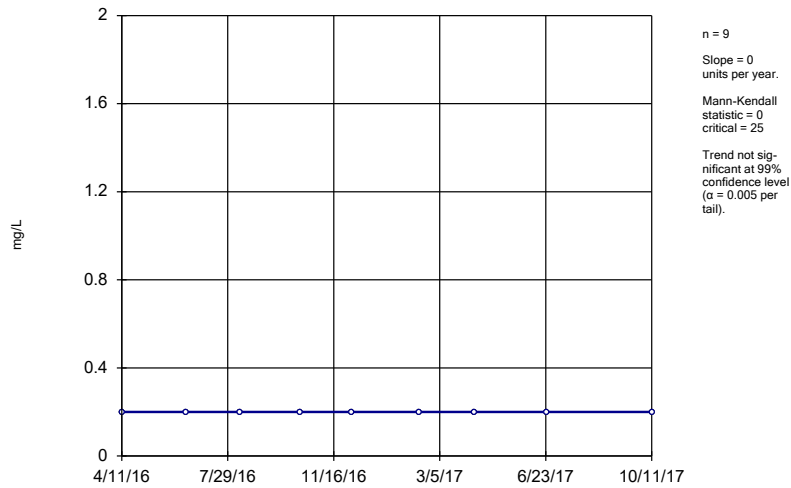
Constituent: Fluoride Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator
GWC-51



Constituent: Fluoride Analysis Run 4/12/2018 12:26 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator
GWC-52



Constituent: Fluoride Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

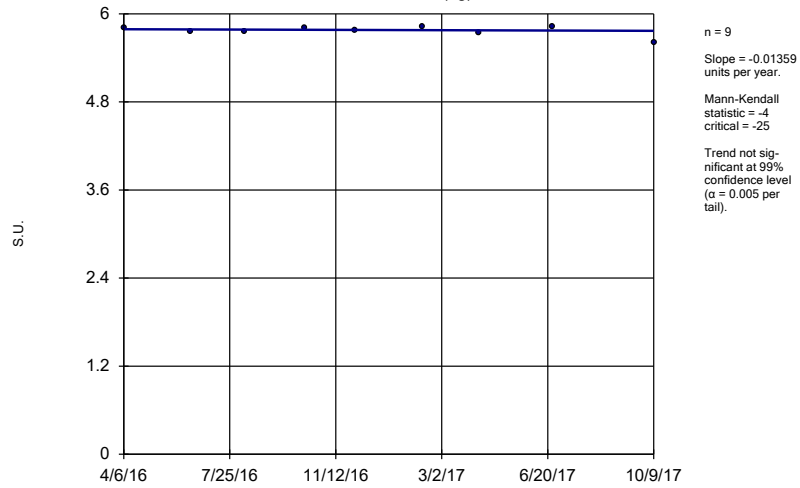
Sen's Slope Estimator
GWC-53



Constituent: Fluoride Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

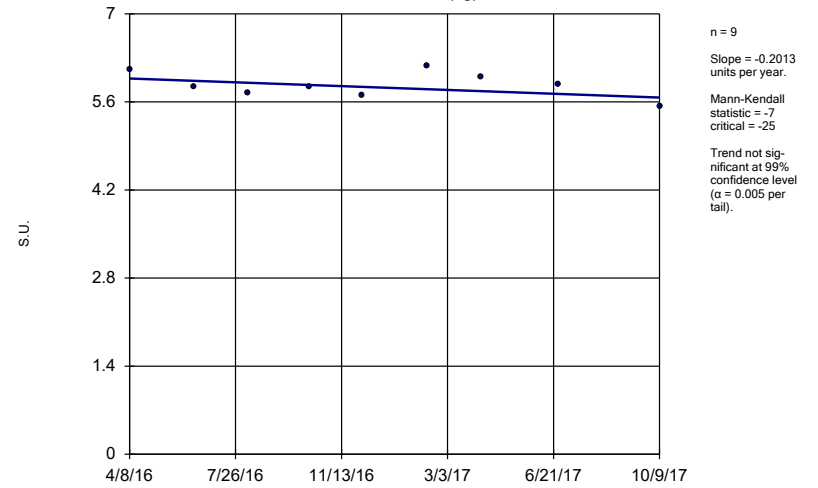
GWA-21 (bg)



Constituent: pH Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

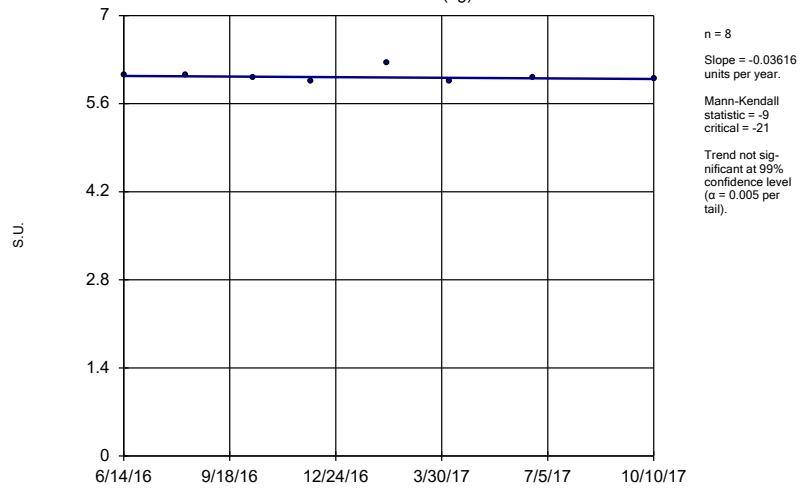
GWA-22 (bg)



Constituent: pH Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

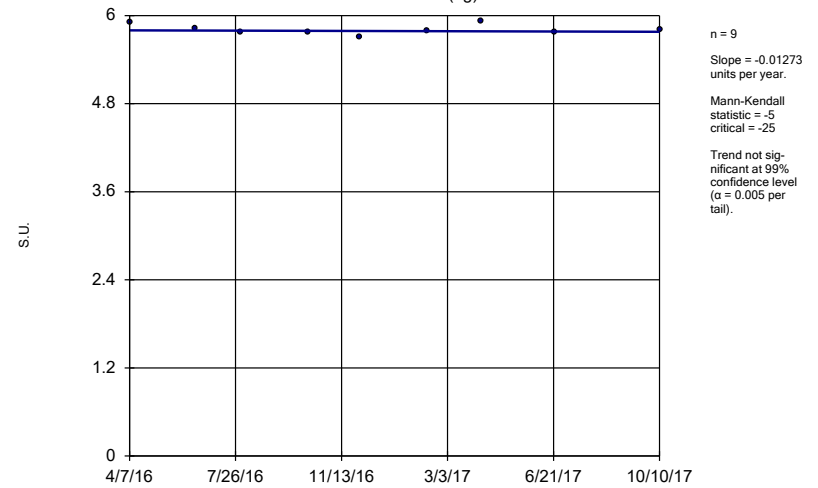
GWA-45 (bg)



Constituent: pH Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

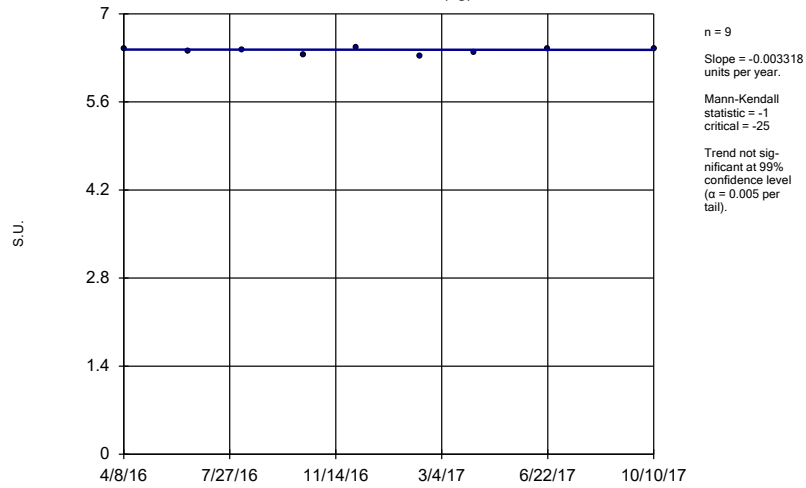
GWA-46 (bg)



Constituent: pH Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

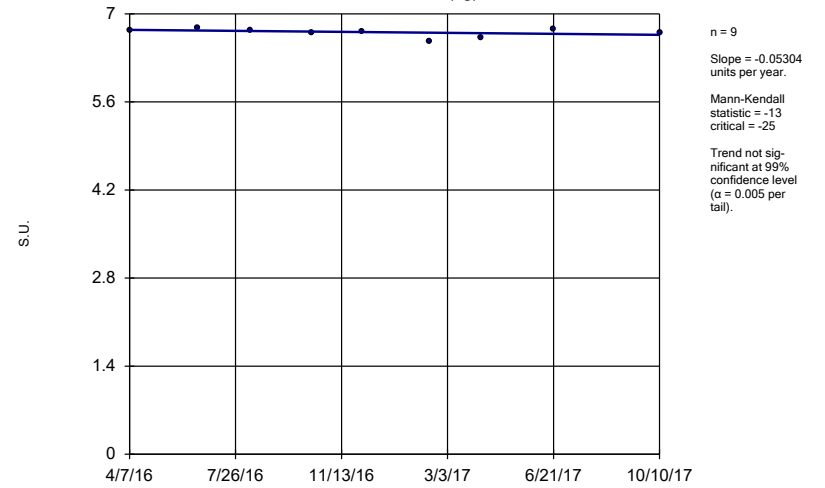
GWA-47 (bg)



Constituent: pH Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

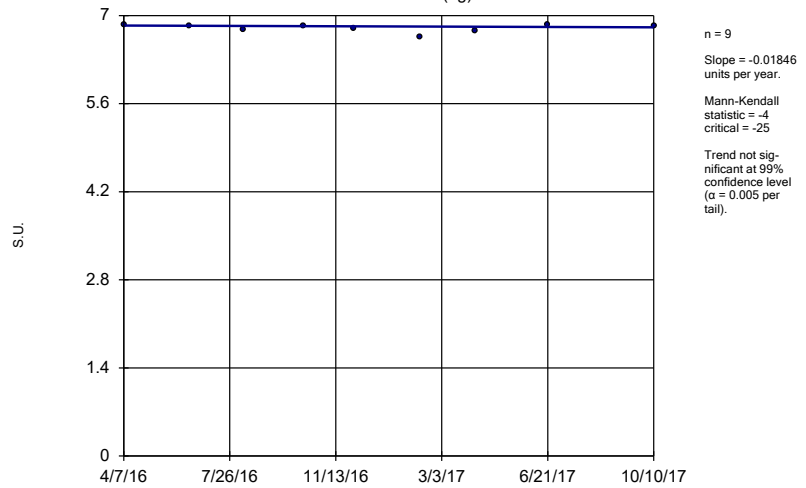
GWA-48 (bg)



Constituent: pH Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

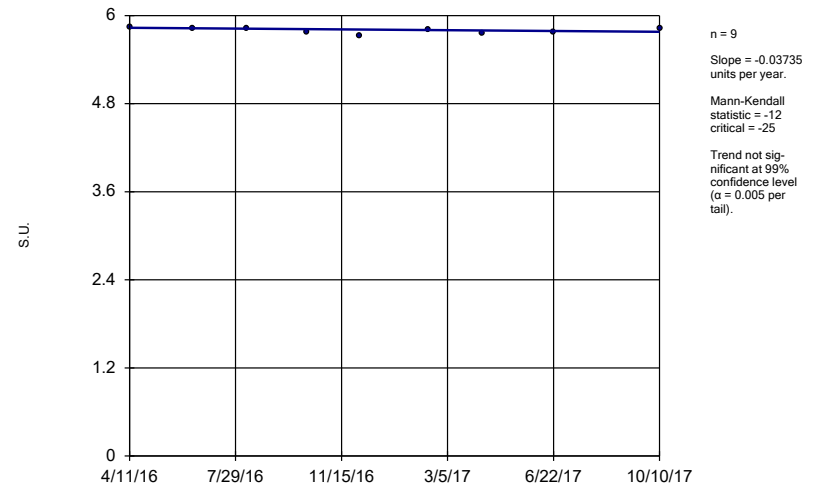
GWA-49 (bg)



Constituent: pH Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
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Sen's Slope Estimator

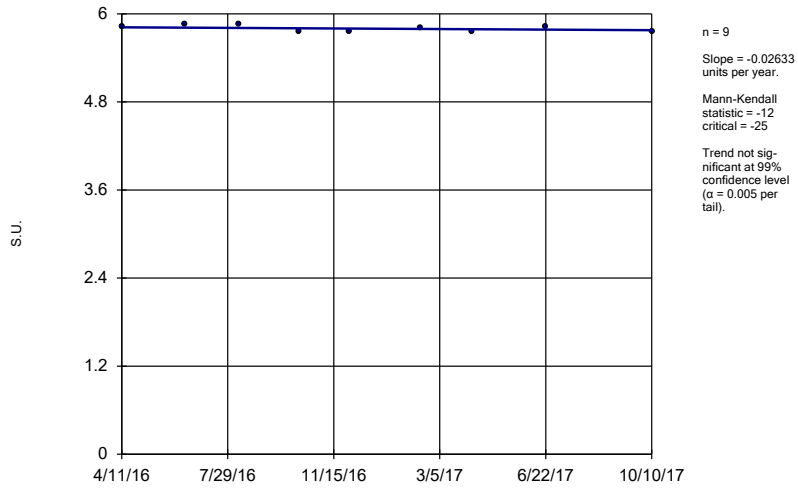
GWC-29



Constituent: pH Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

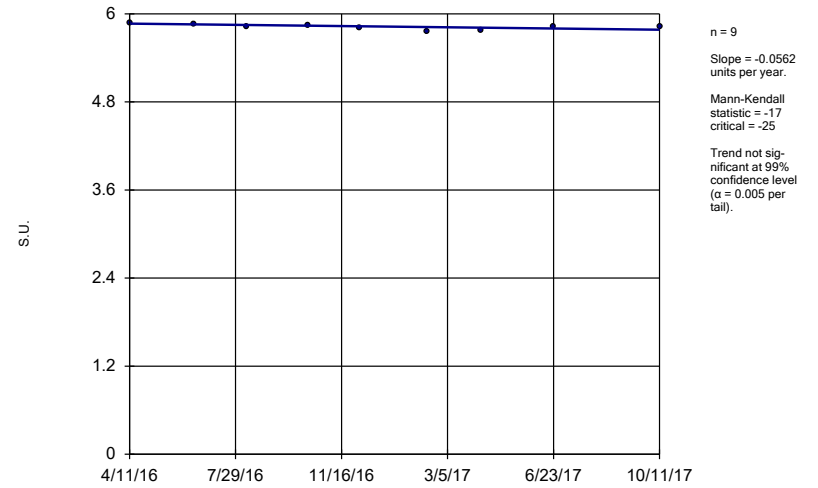
GWC-50



Constituent: pH Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

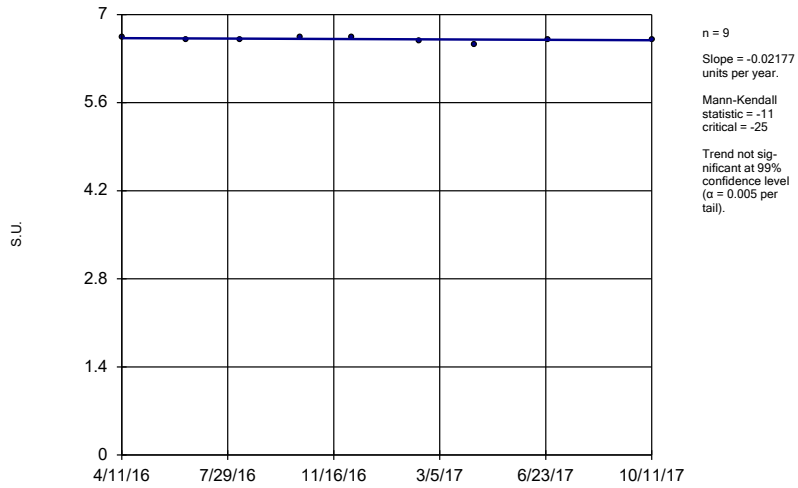
GWC-51



Constituent: pH Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

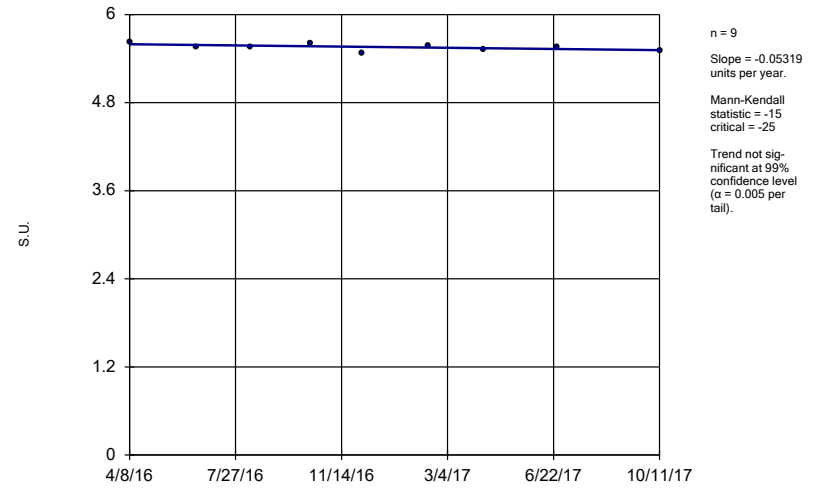
GWC-52



Constituent: pH Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

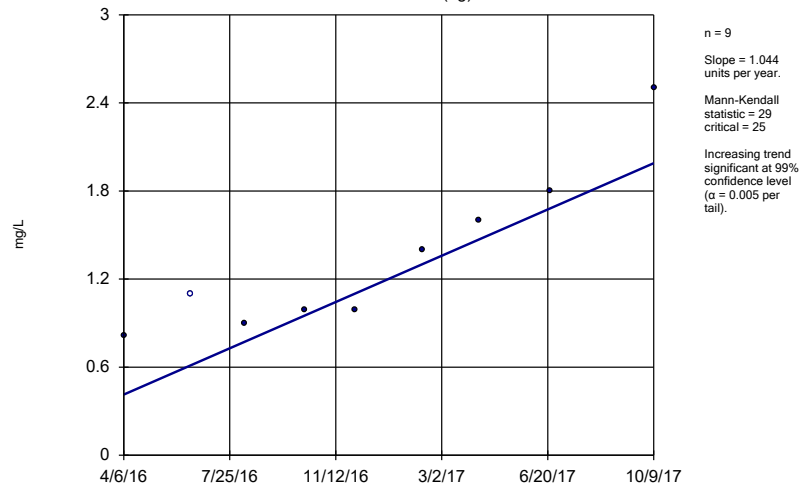
GWC-53



Constituent: pH Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

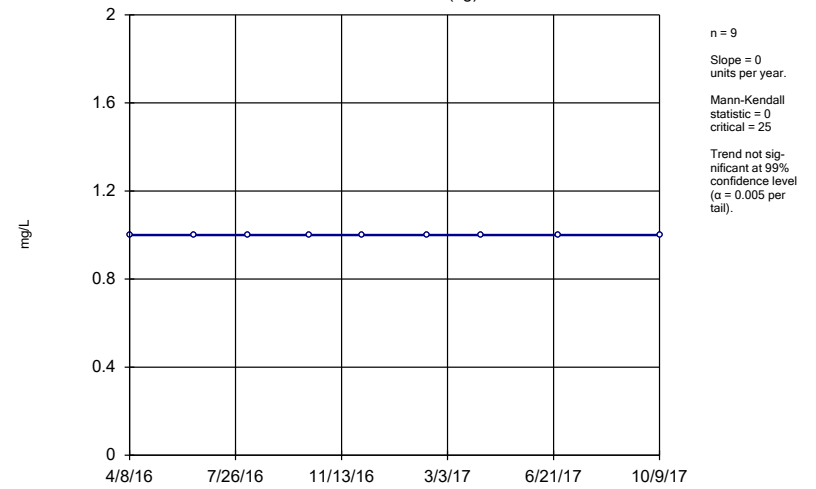
GWA-21 (bg)



Constituent: Sulfate Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

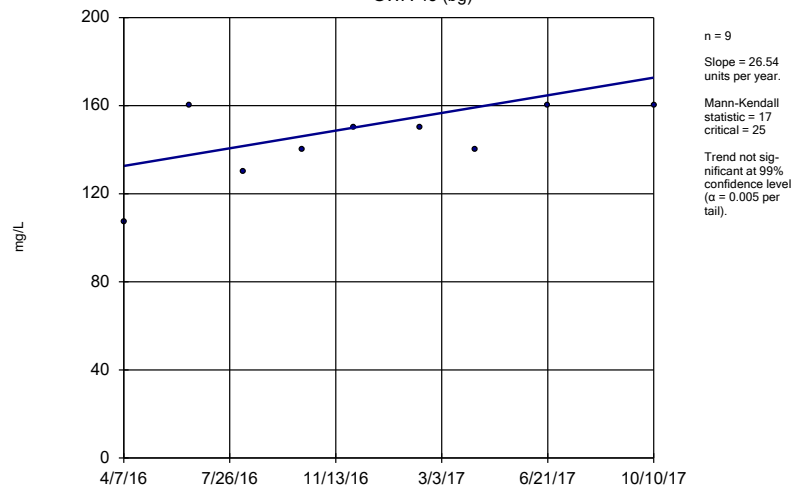
GWA-22 (bg)



Constituent: Sulfate Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

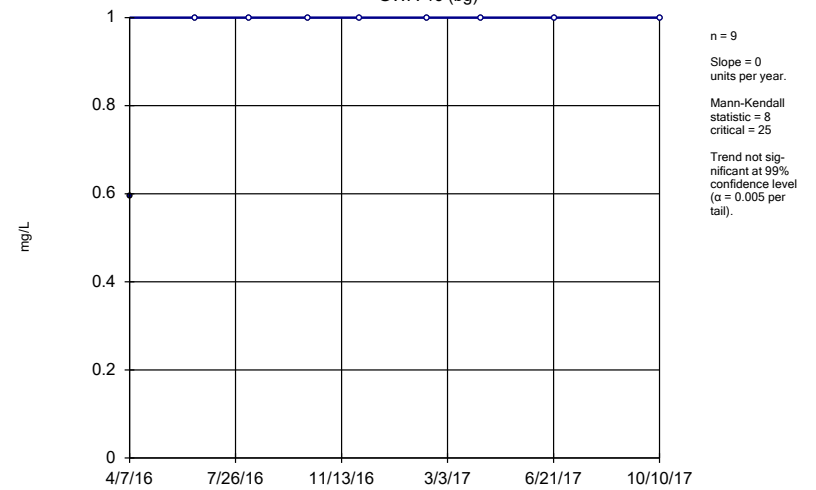
GWA-45 (bg)



Constituent: Sulfate Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

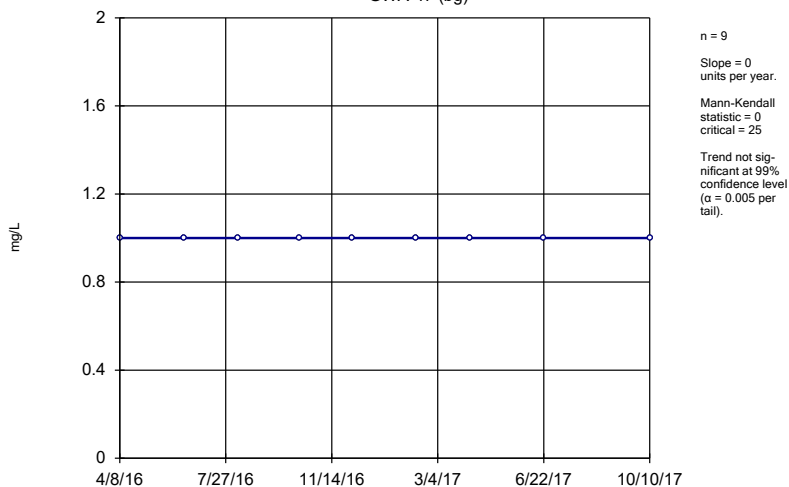
GWA-46 (bg)



Constituent: Sulfate Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

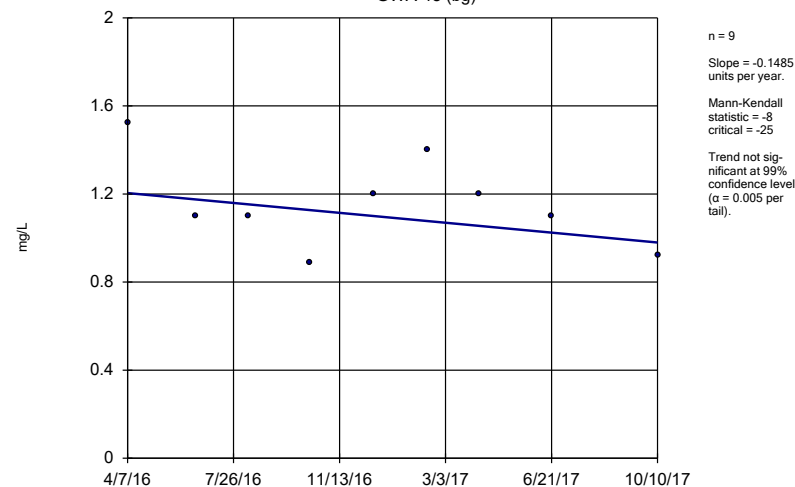
GWA-47 (bg)



Constituent: Sulfate Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

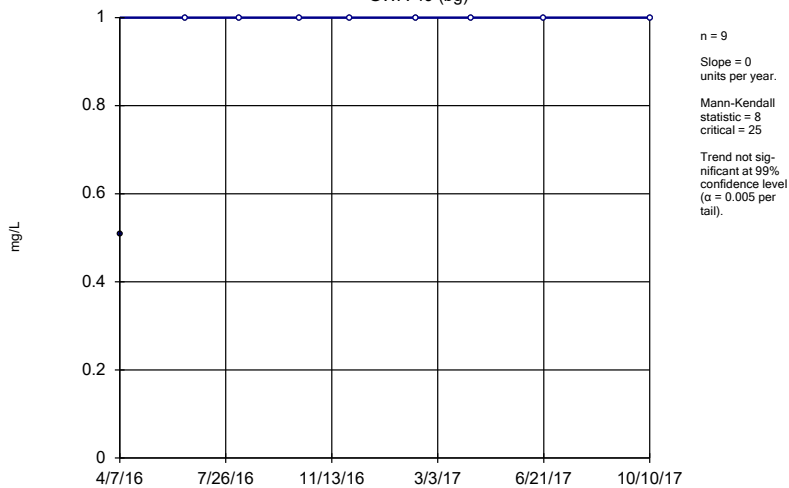
GWA-48 (bg)



Constituent: Sulfate Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

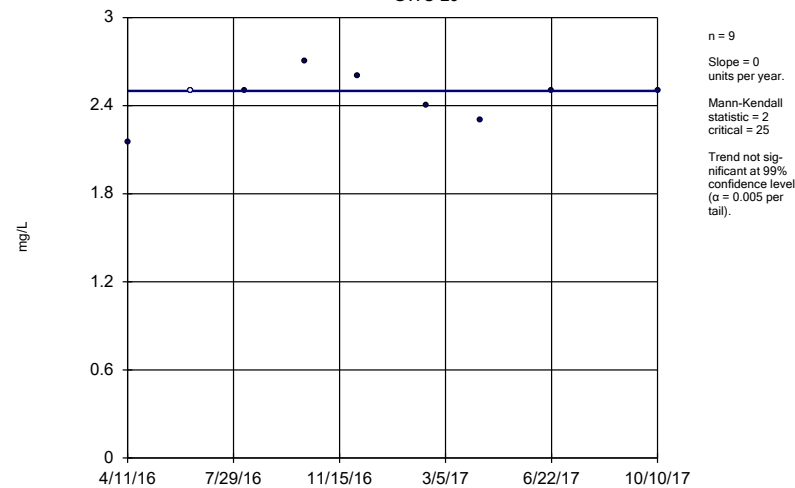
GWA-49 (bg)



Constituent: Sulfate Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

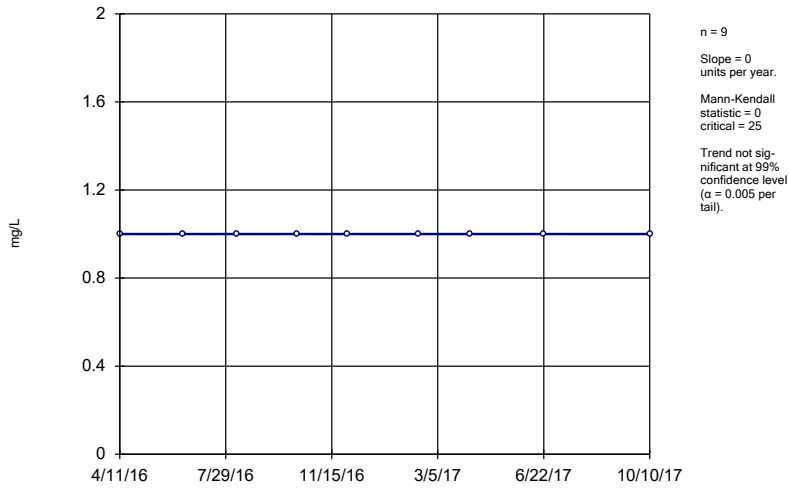
Sen's Slope Estimator

GWC-29



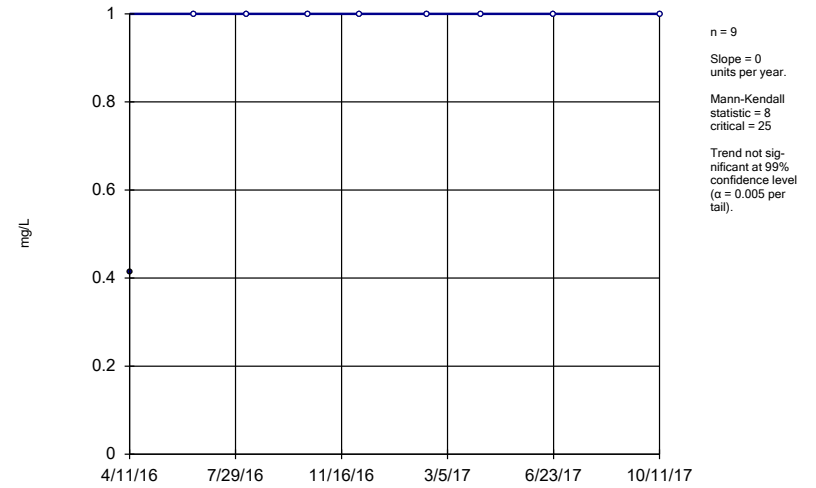
Constituent: Sulfate Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator
 GWC-50



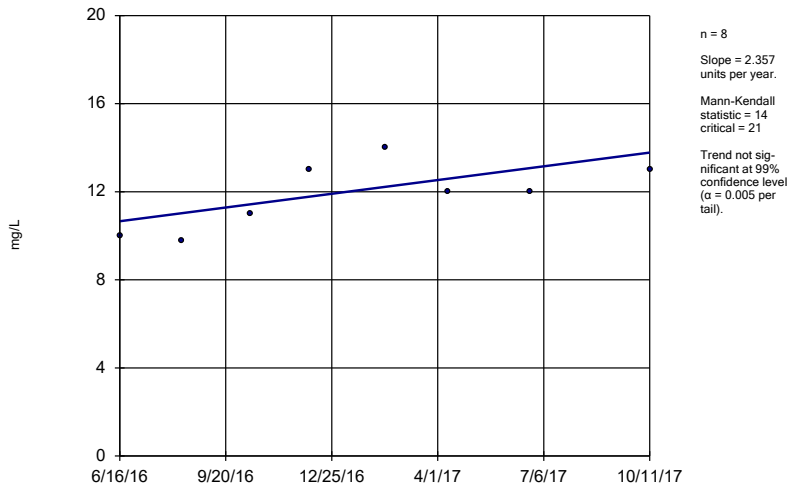
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 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator
 GWC-51



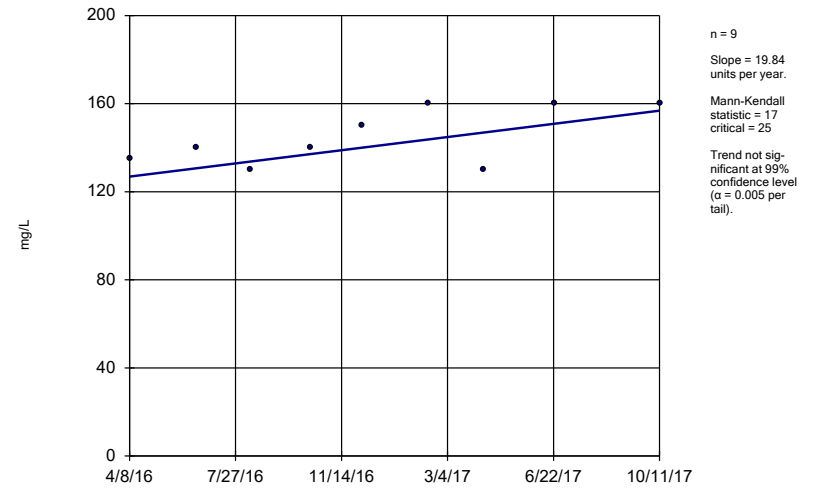
Constituent: Sulfate Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator
 GWC-52



Constituent: Sulfate Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

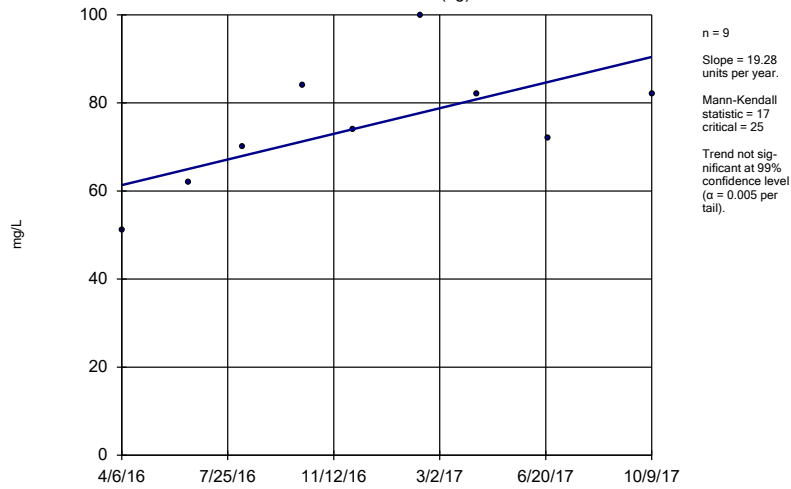
Sen's Slope Estimator
 GWC-53



Constituent: Sulfate Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

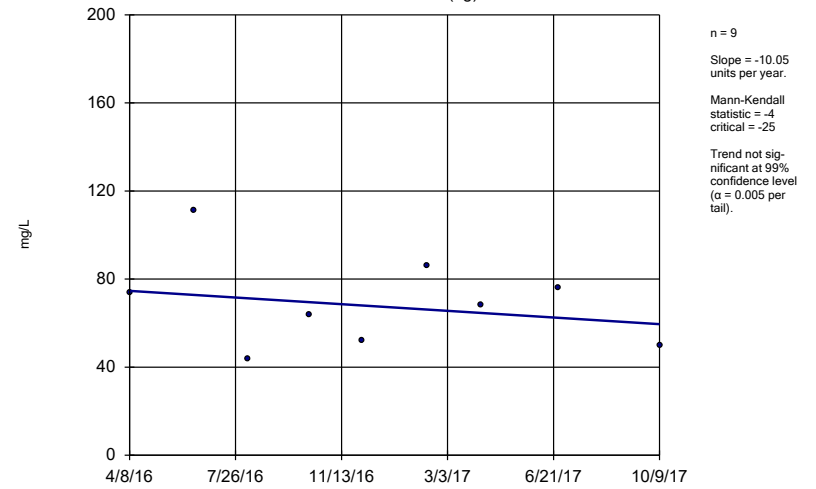
GWA-21 (bg)



Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

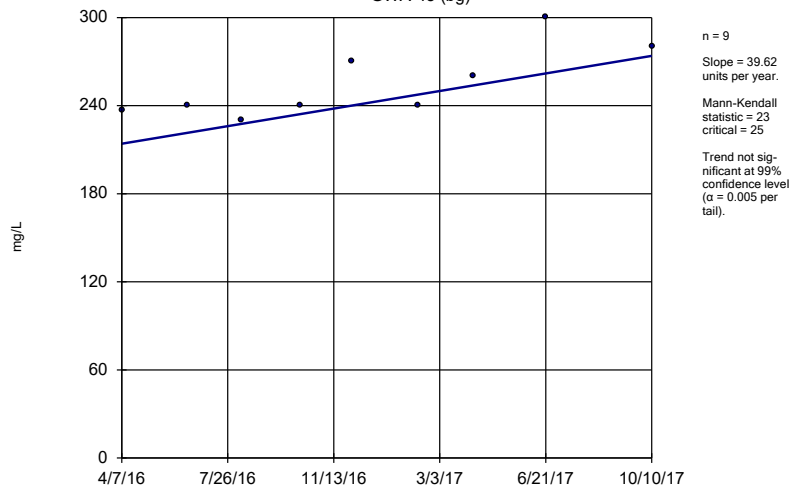
GWA-22 (bg)



Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

GWA-45 (bg)

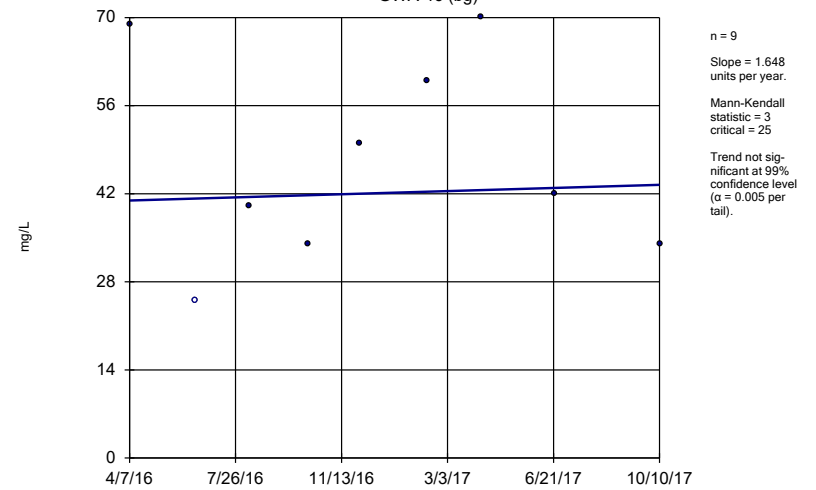


Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

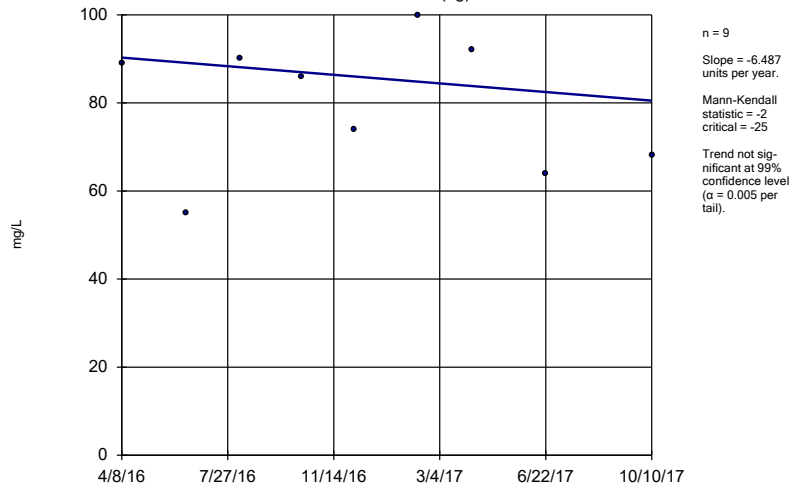
GWA-46 (bg)



Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

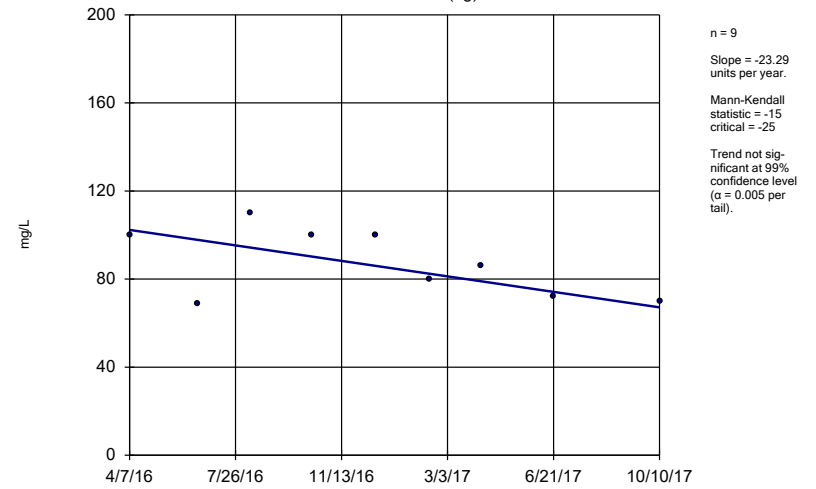
GWA-47 (bg)



Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

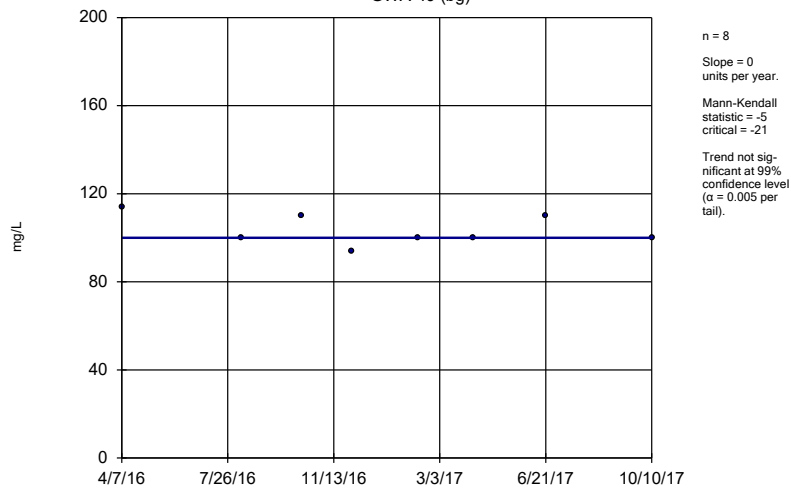
GWA-48 (bg)



Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator

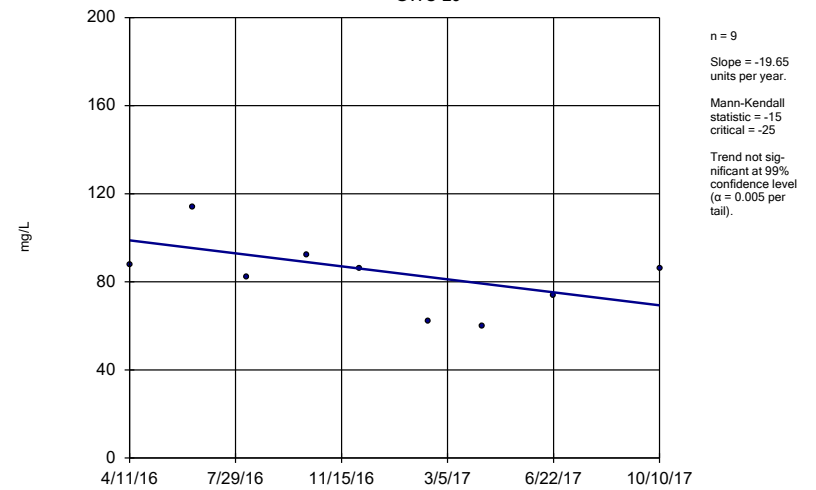
GWA-49 (bg)



Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

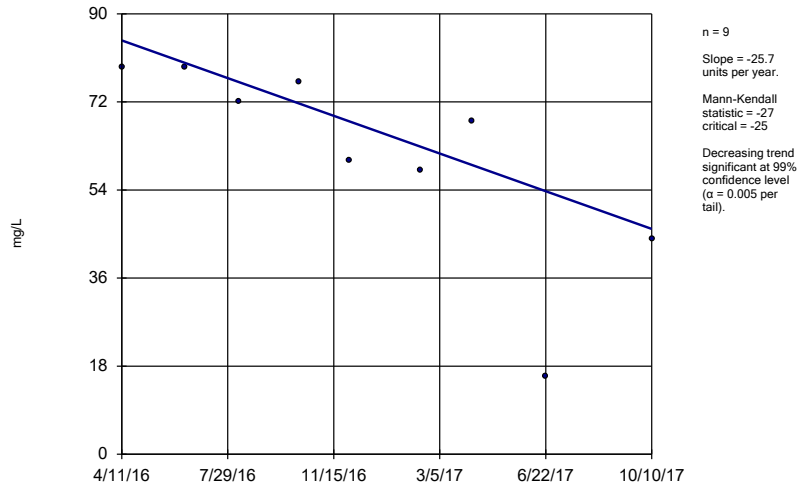
Sen's Slope Estimator

GWC-29



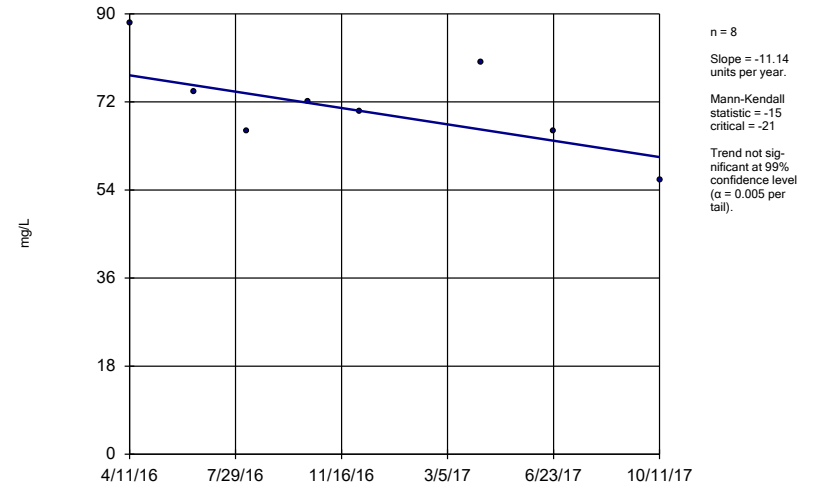
Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator
GWC-50



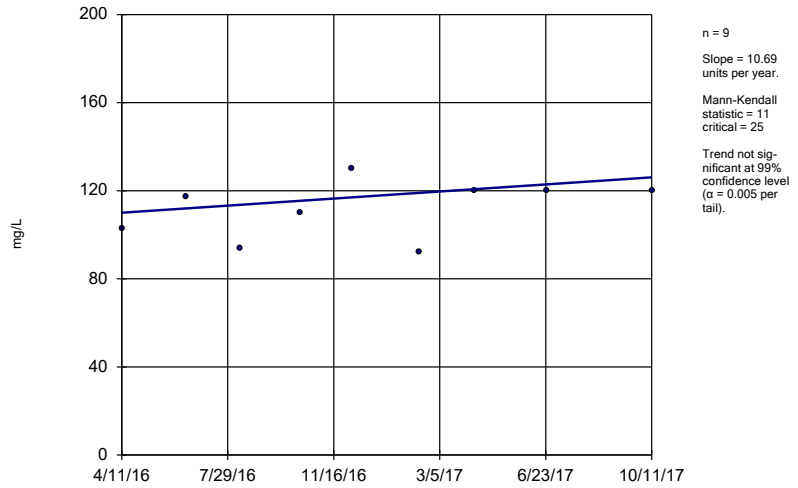
Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator
GWC-51



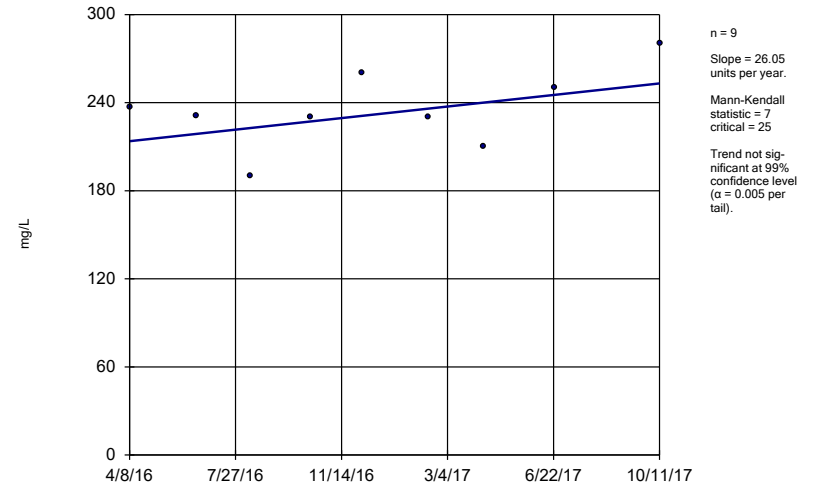
Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator
GWC-52



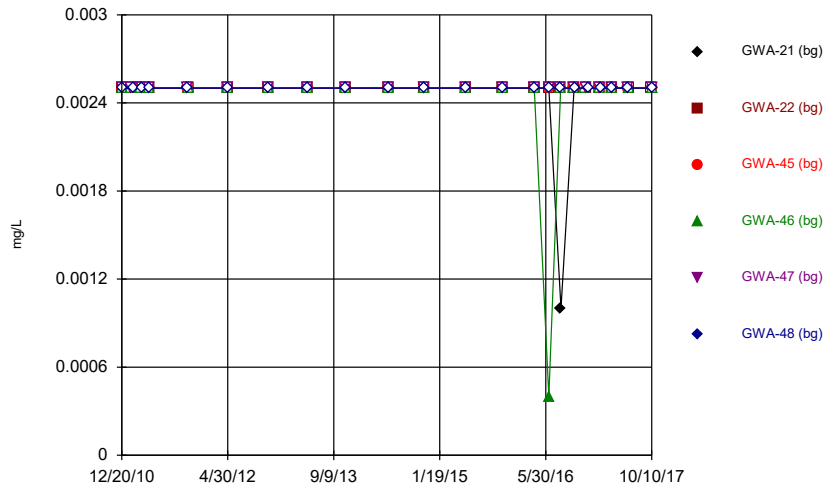
Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sen's Slope Estimator
GWC-53



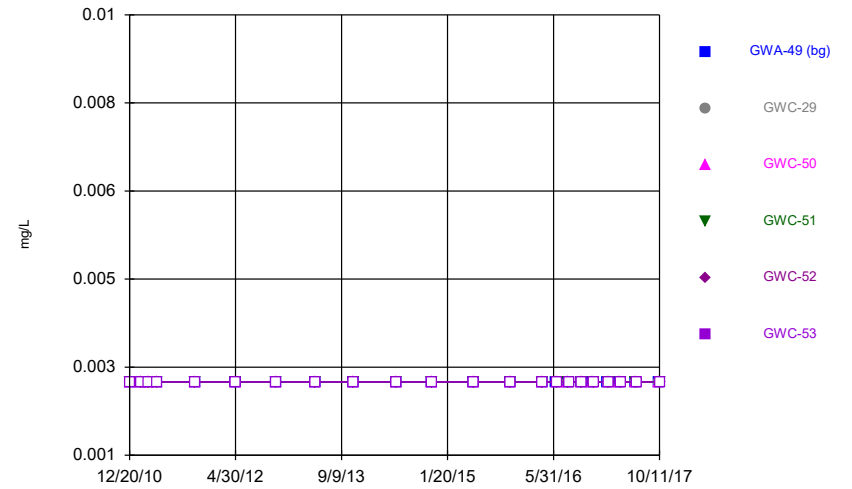
Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:27 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



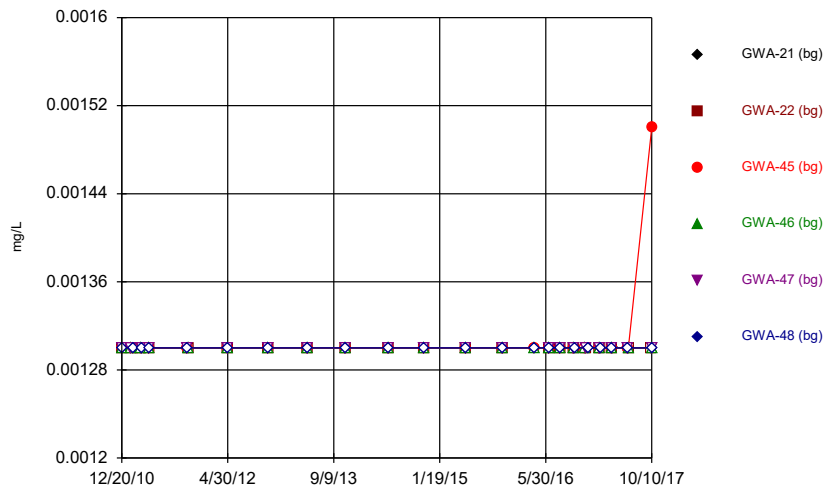
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Time Series



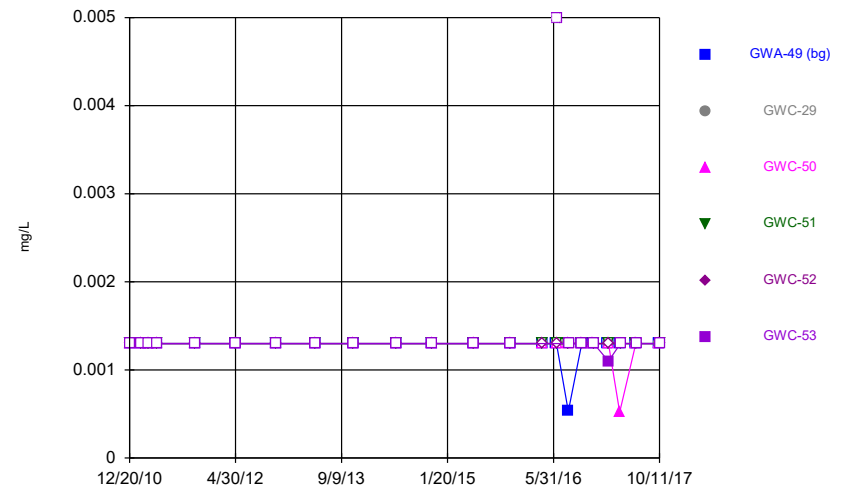
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Time Series



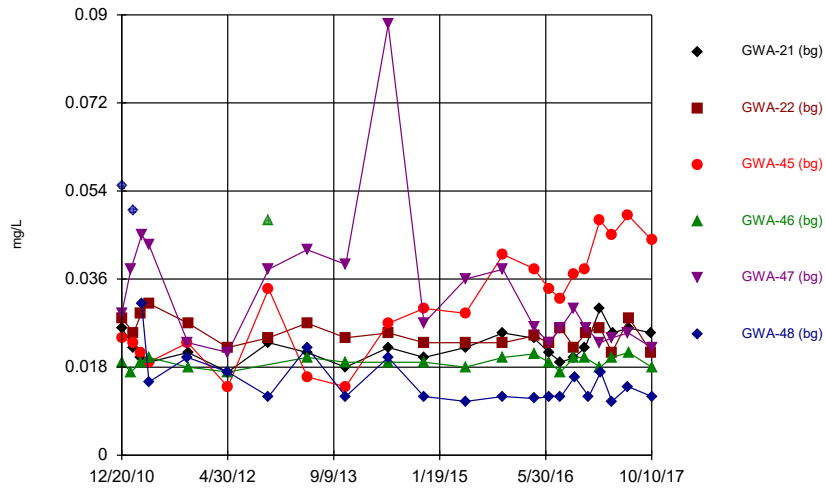
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



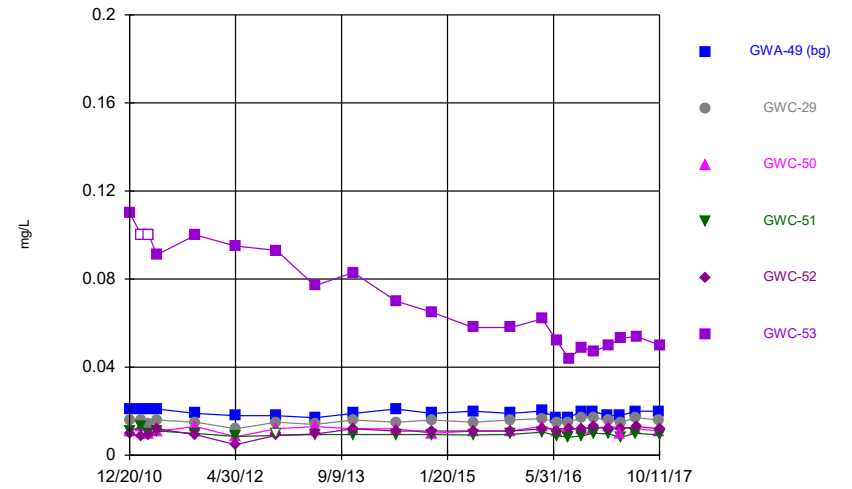
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Time Series



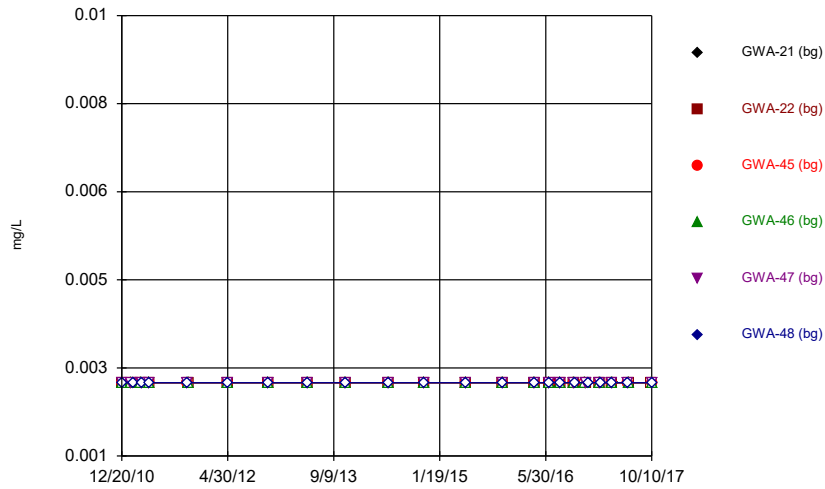
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Time Series



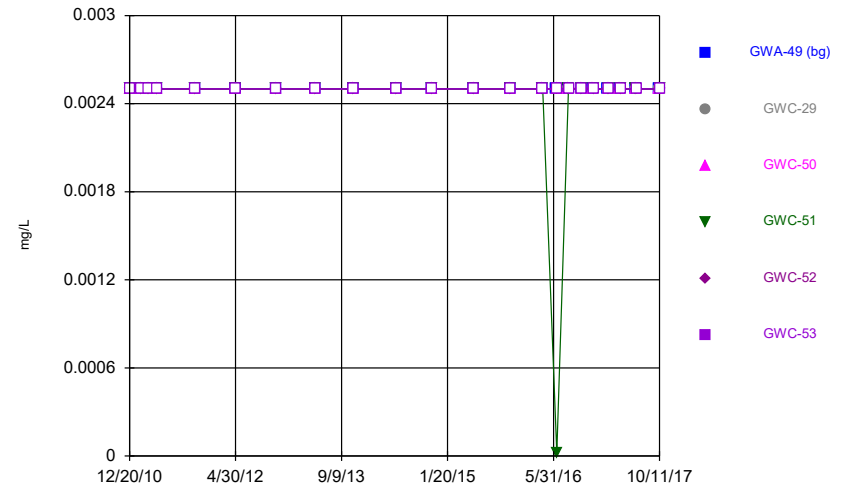
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Time Series



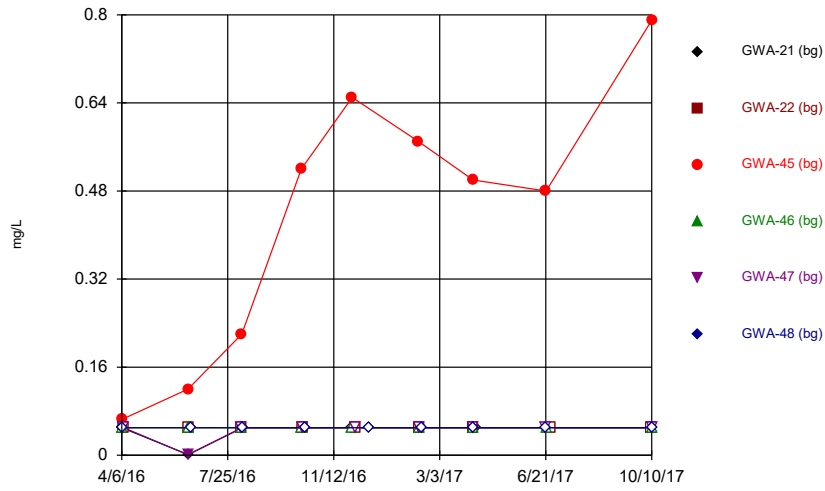
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Time Series



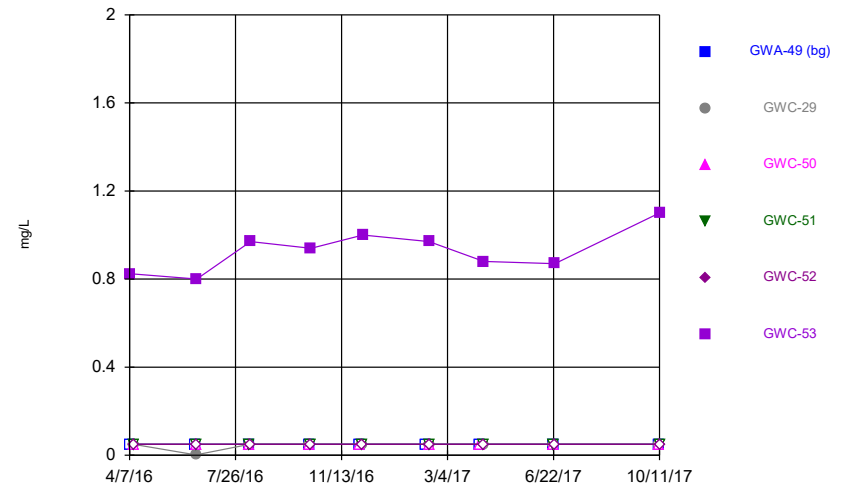
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Time Series



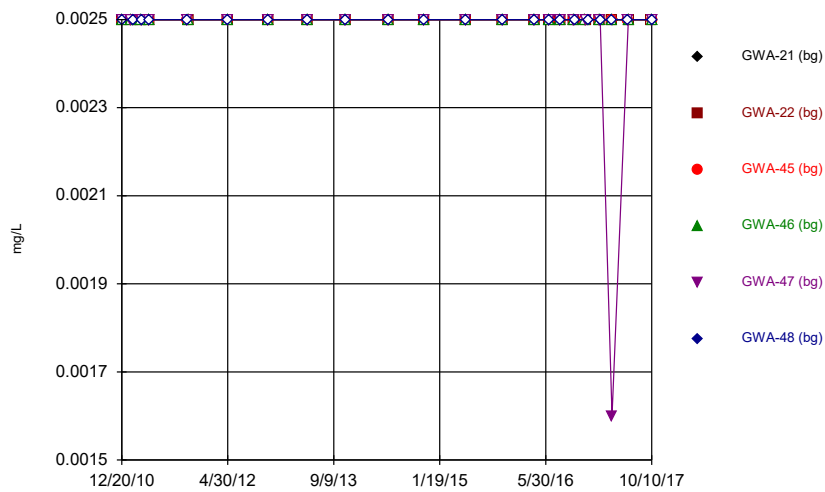
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



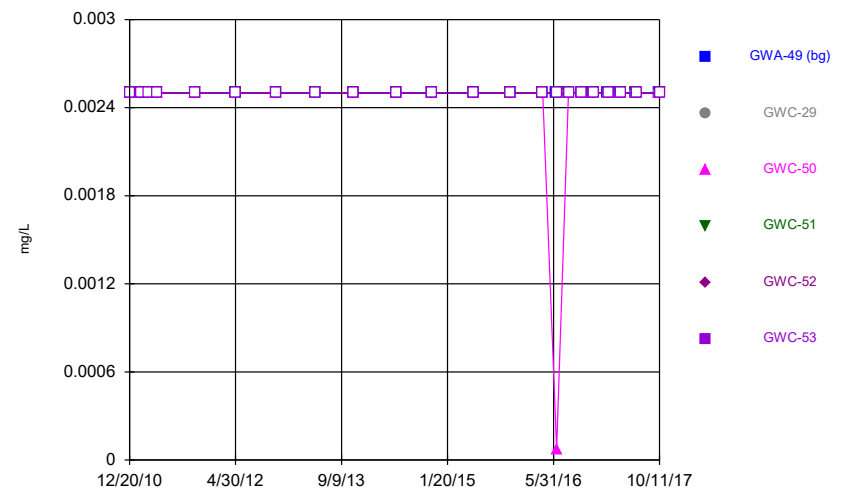
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Time Series



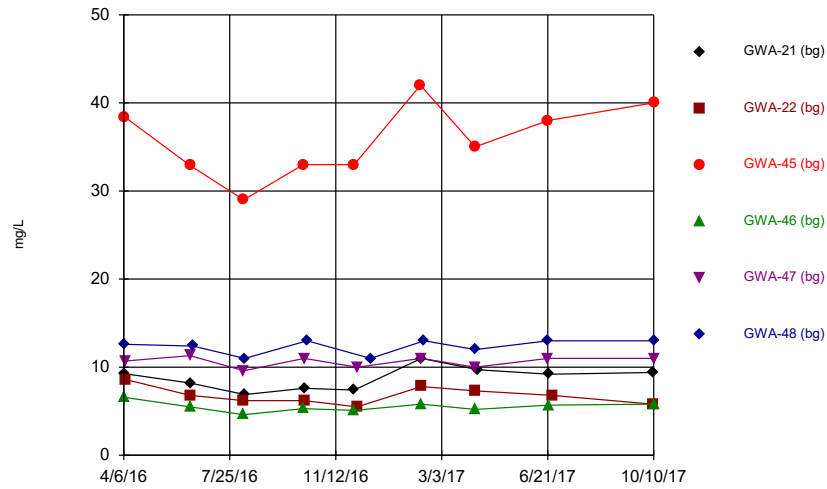
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



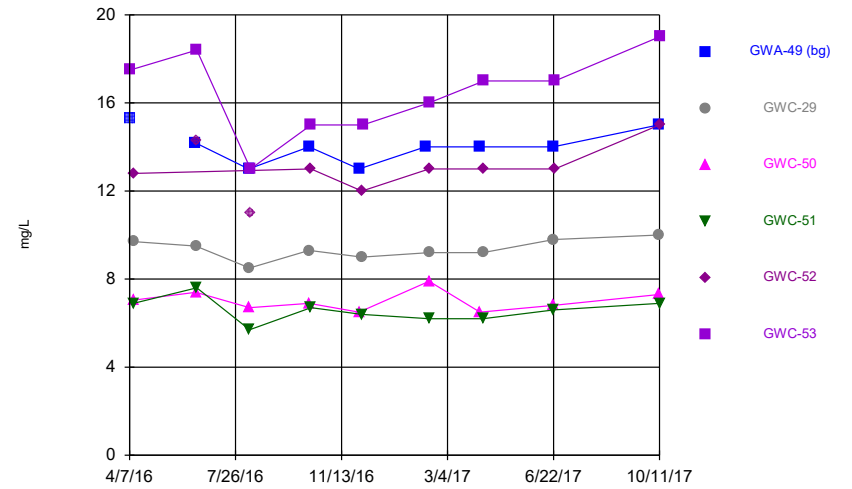
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Time Series



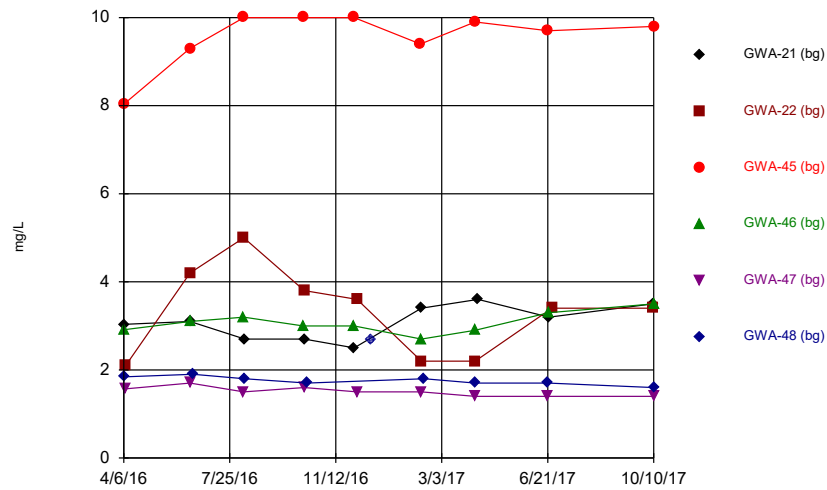
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 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



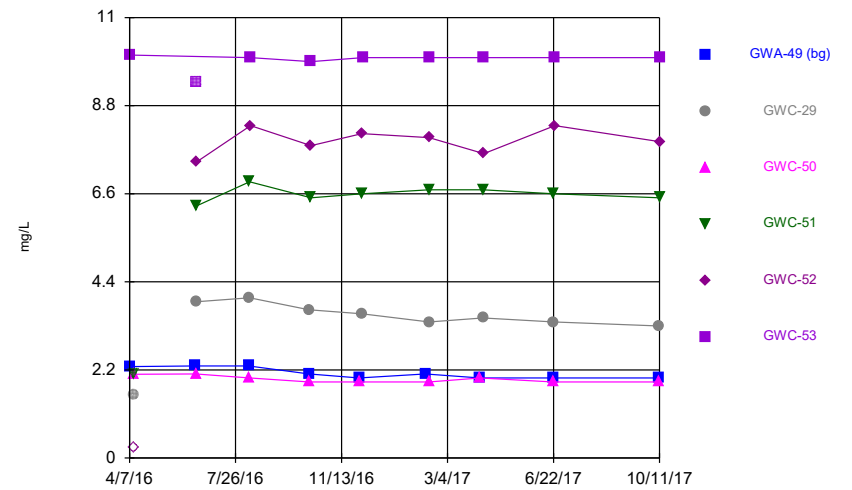
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Time Series



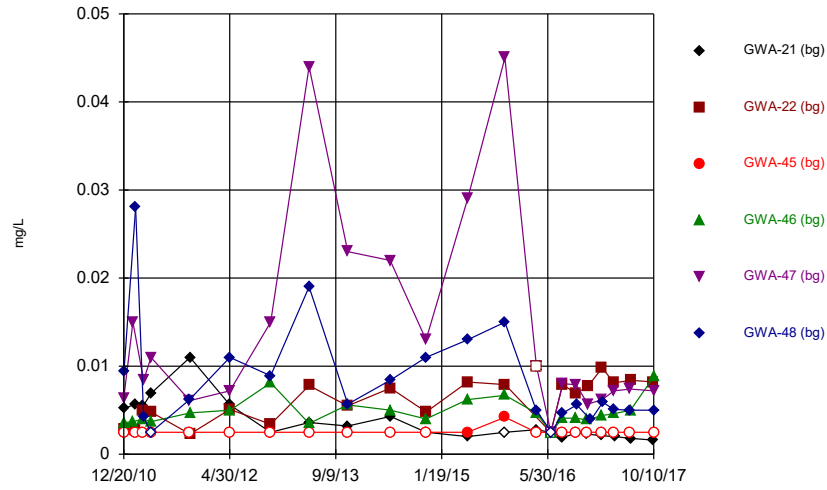
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 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



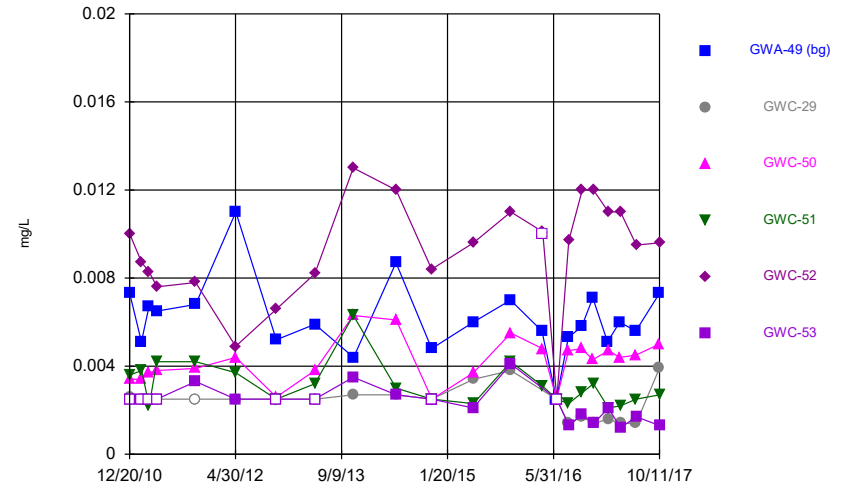
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Time Series



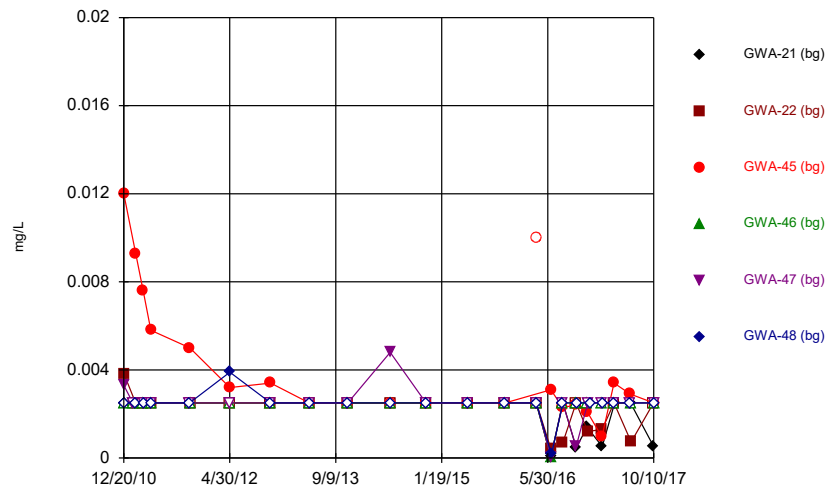
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



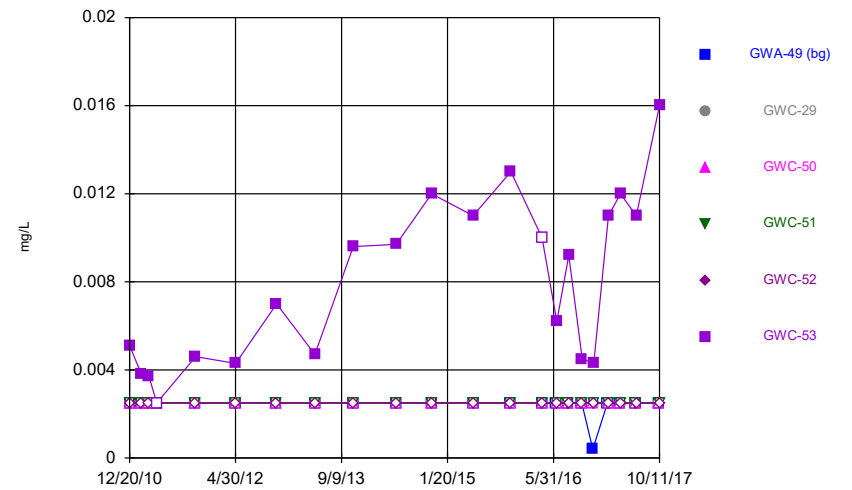
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Time Series



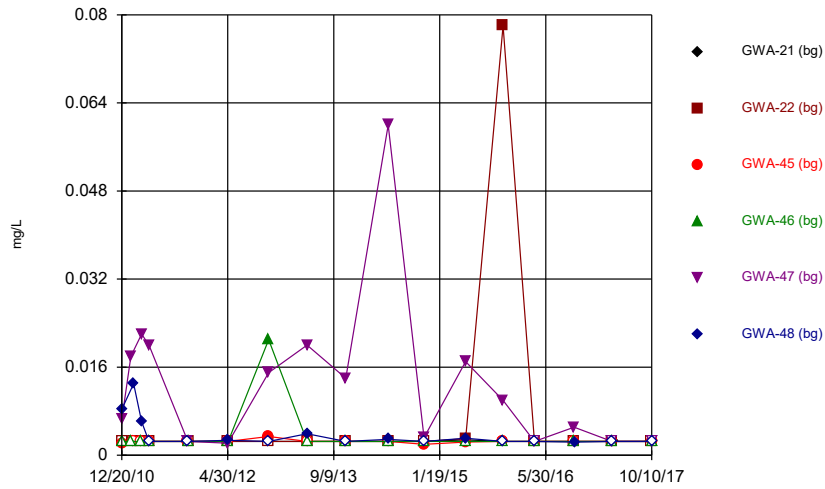
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



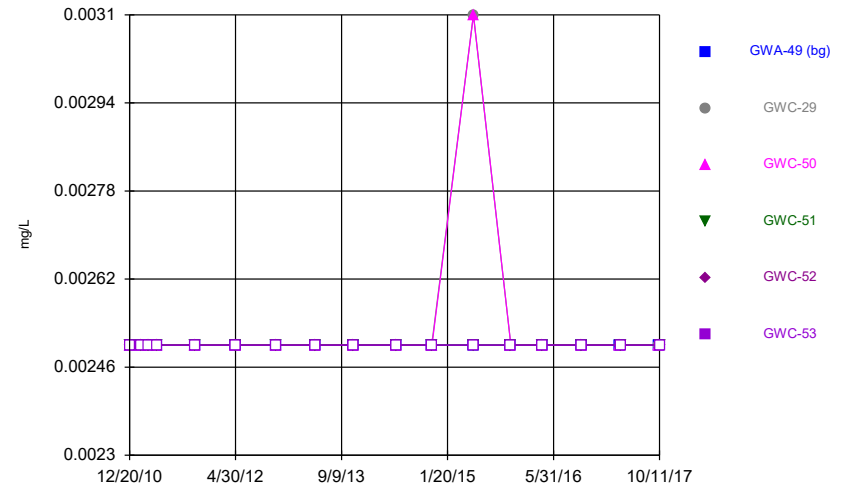
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



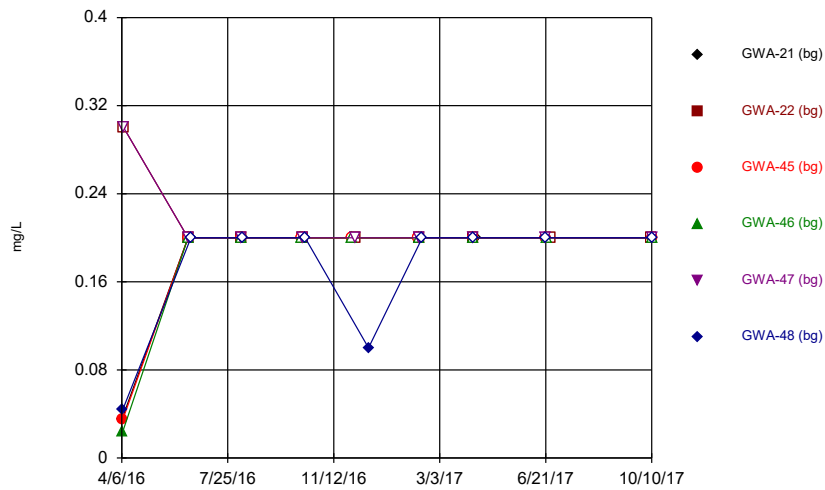
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



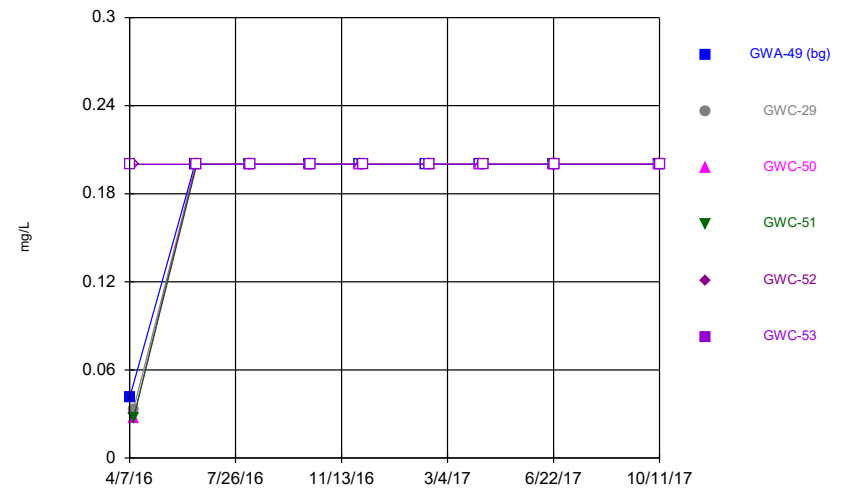
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Time Series



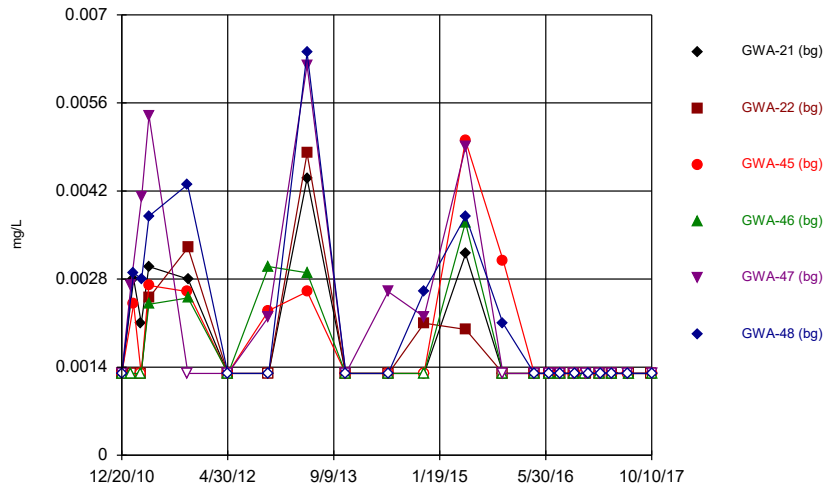
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Time Series



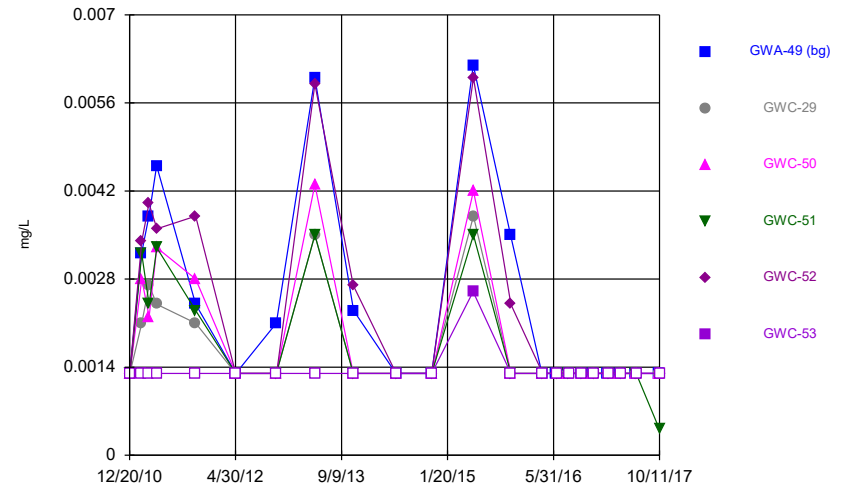
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Time Series



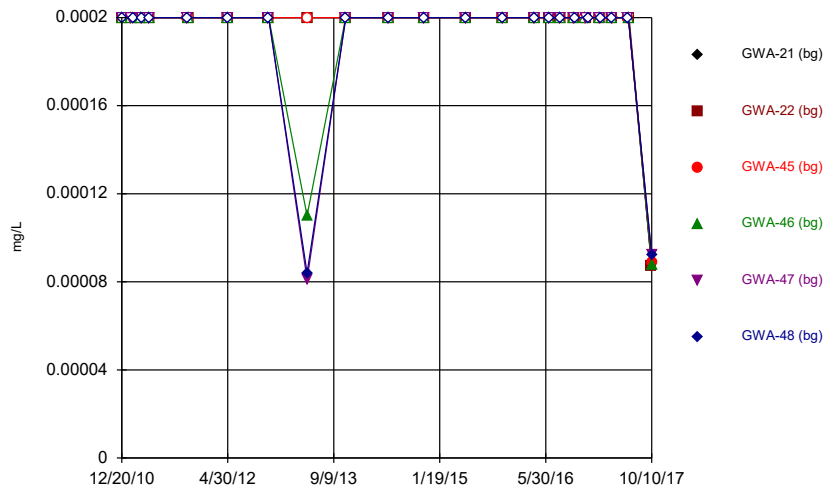
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



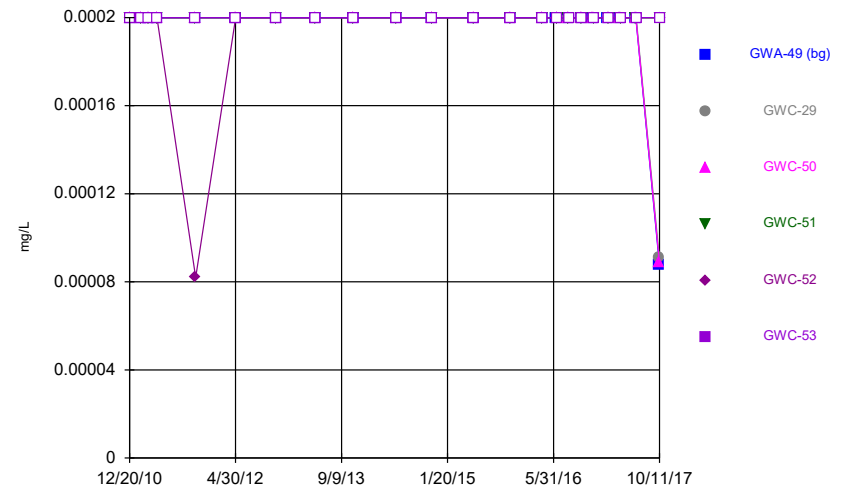
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Time Series



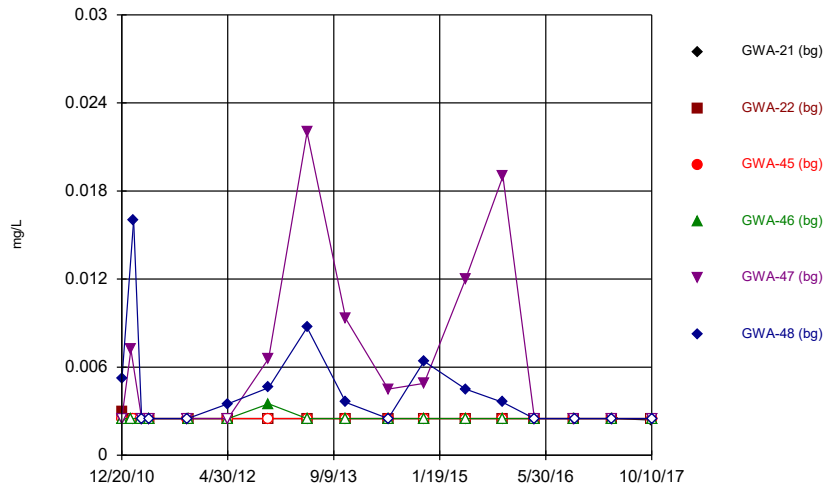
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



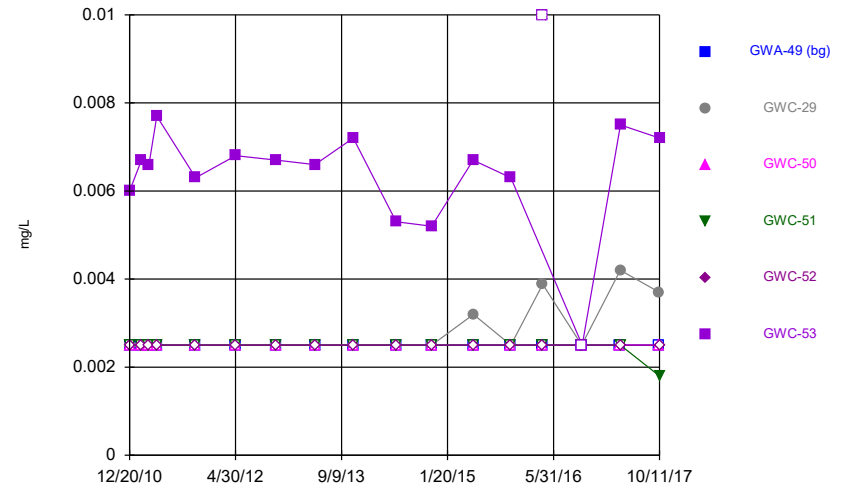
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



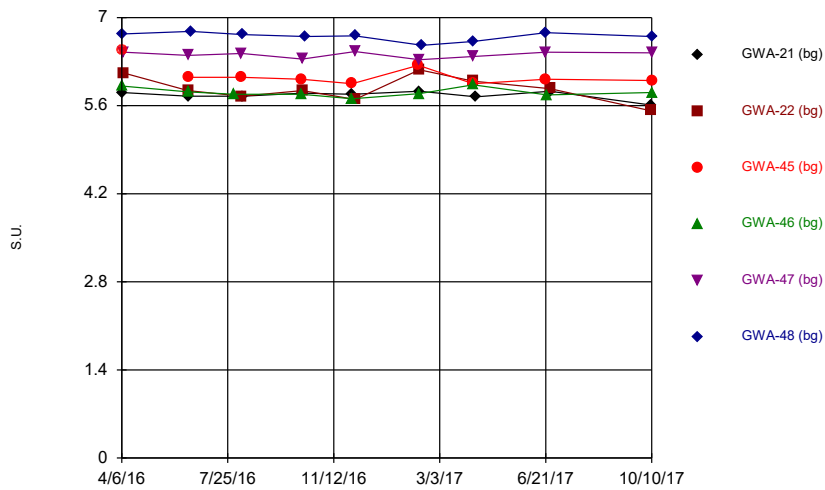
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



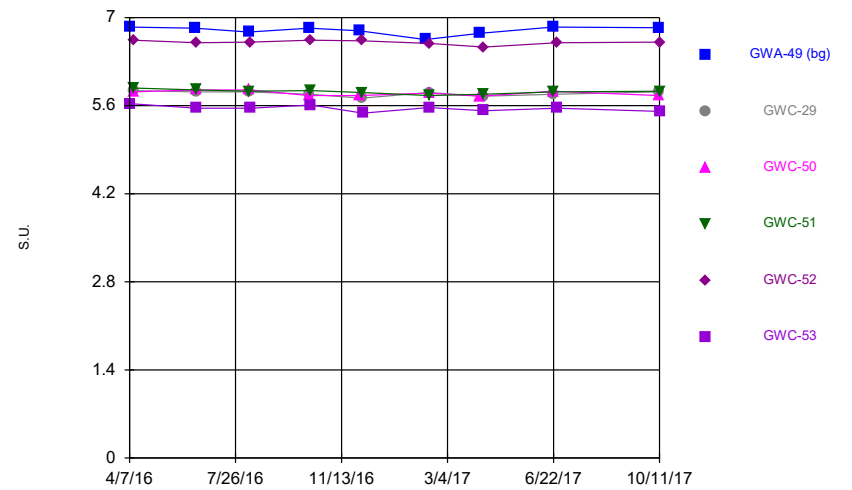
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Time Series



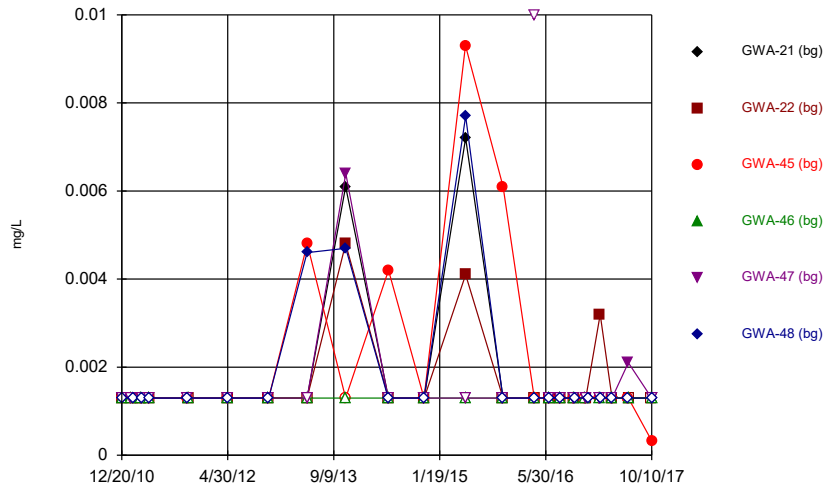
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



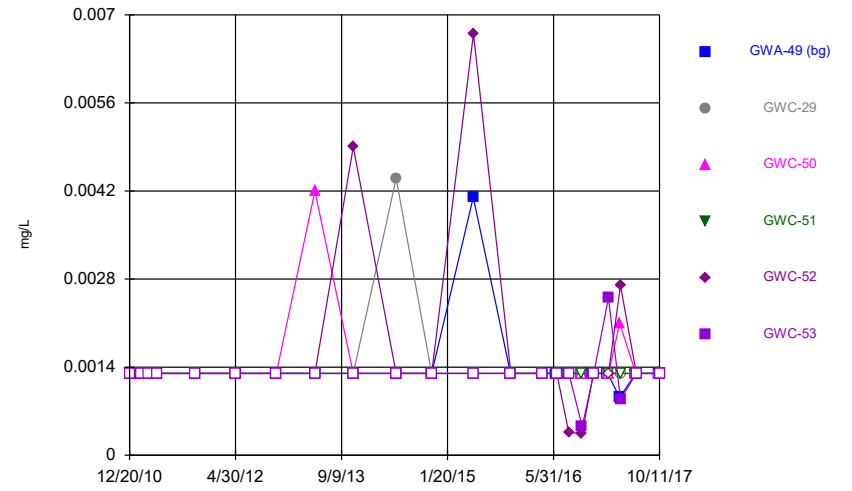
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



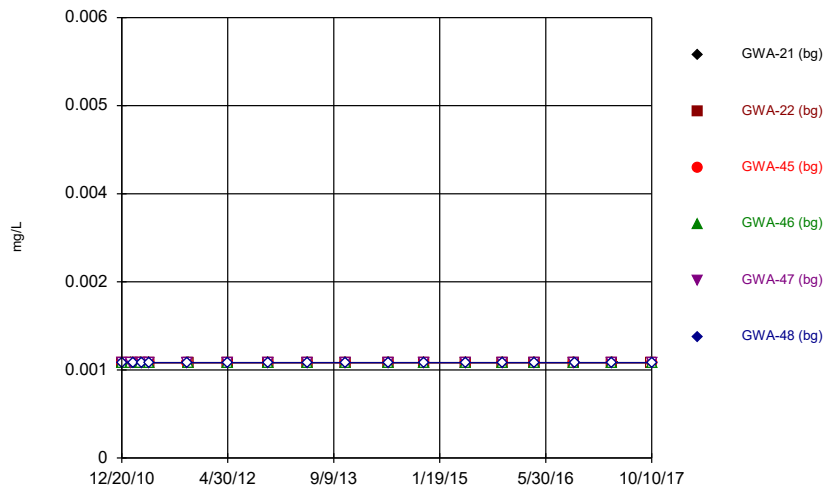
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



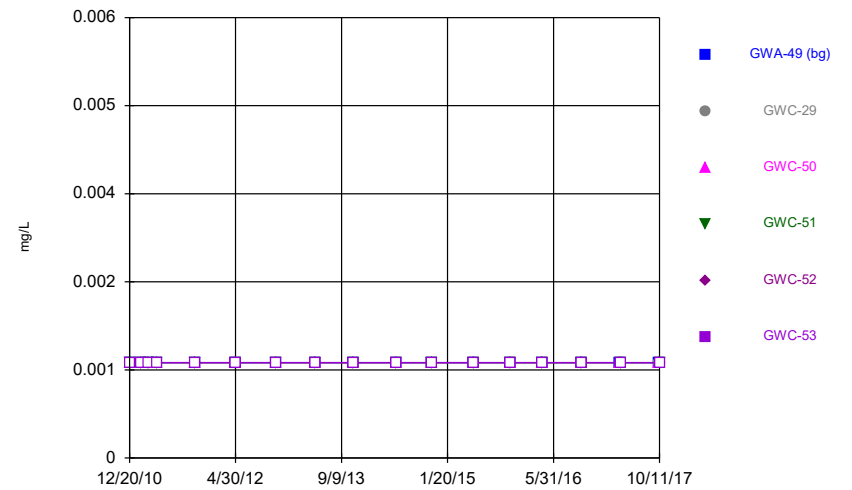
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Time Series



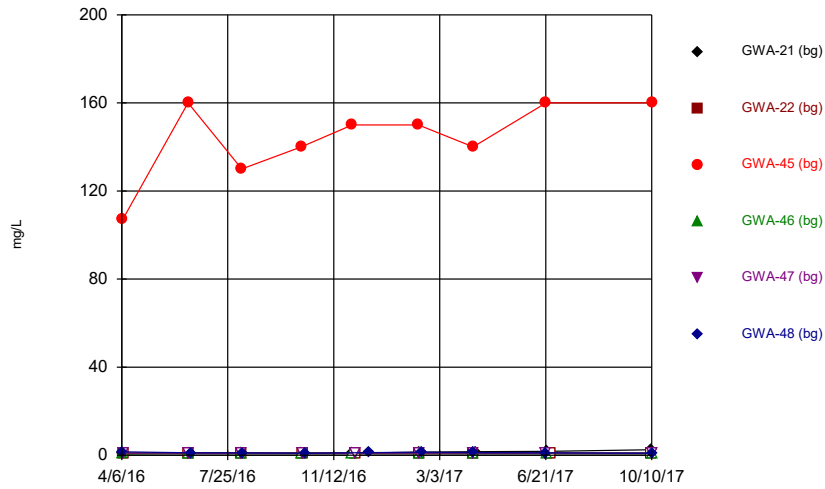
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Time Series



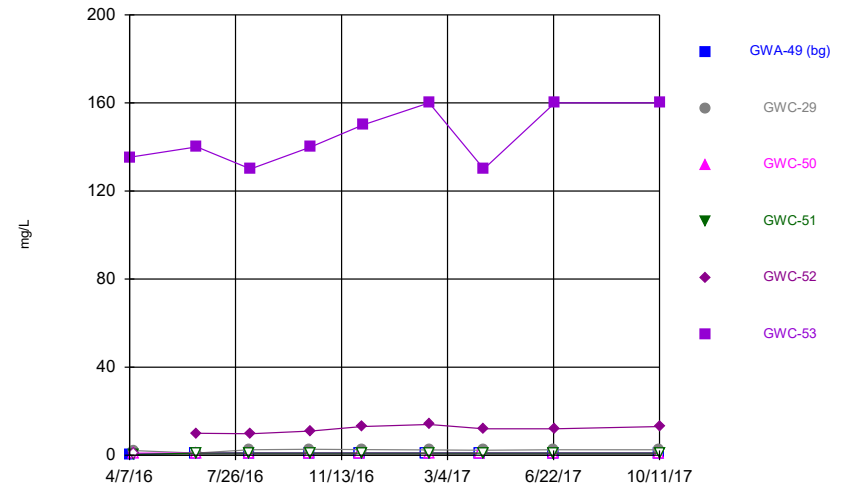
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Time Series



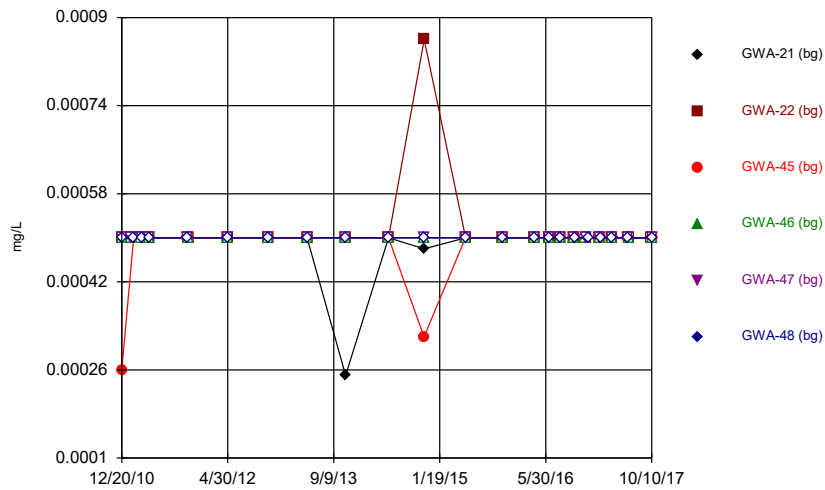
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Time Series



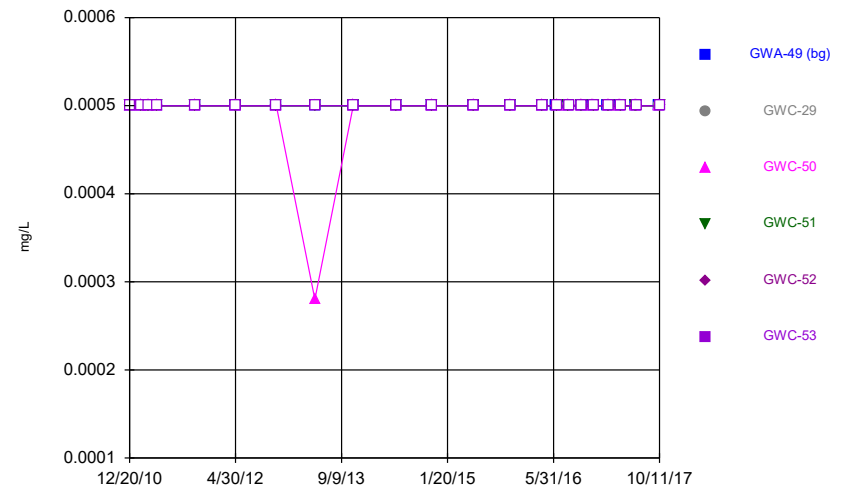
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Time Series



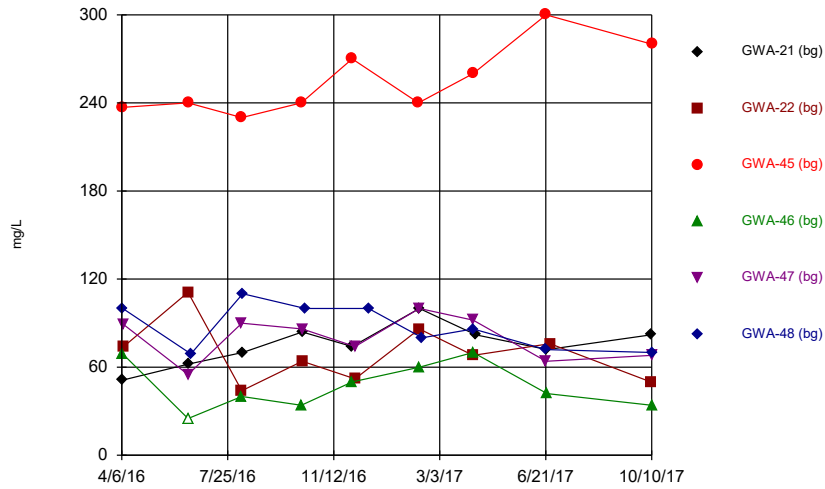
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Time Series



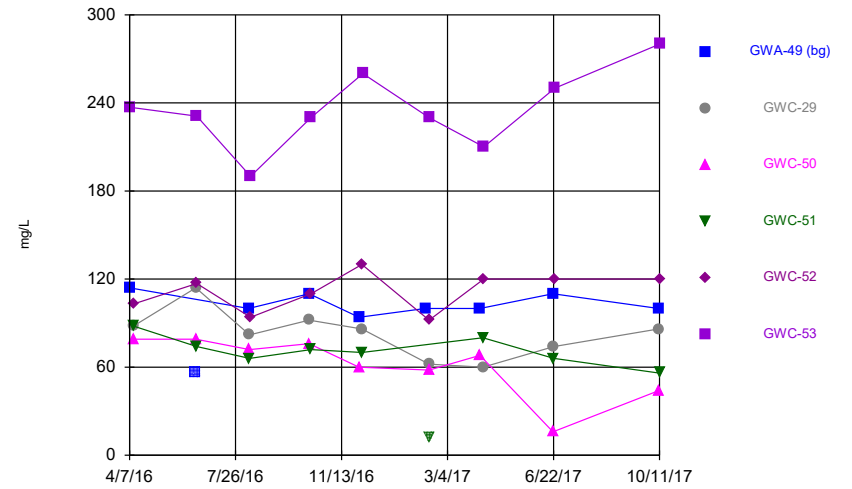
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Time Series



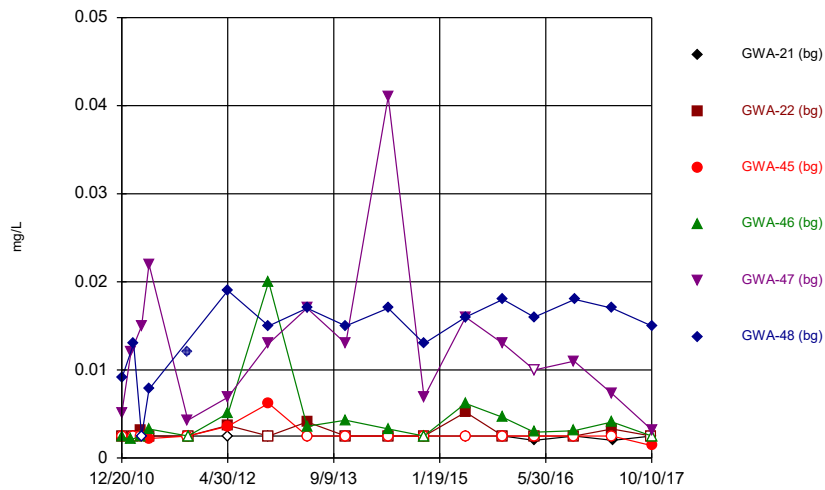
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Time Series



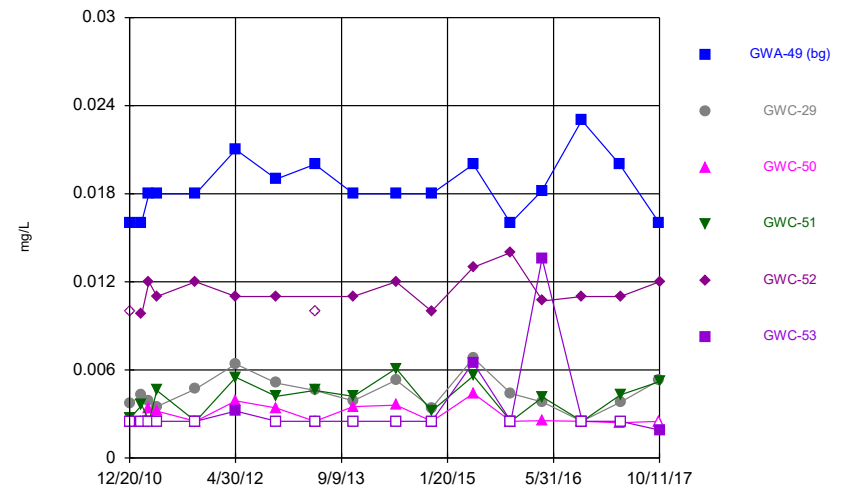
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Time Series



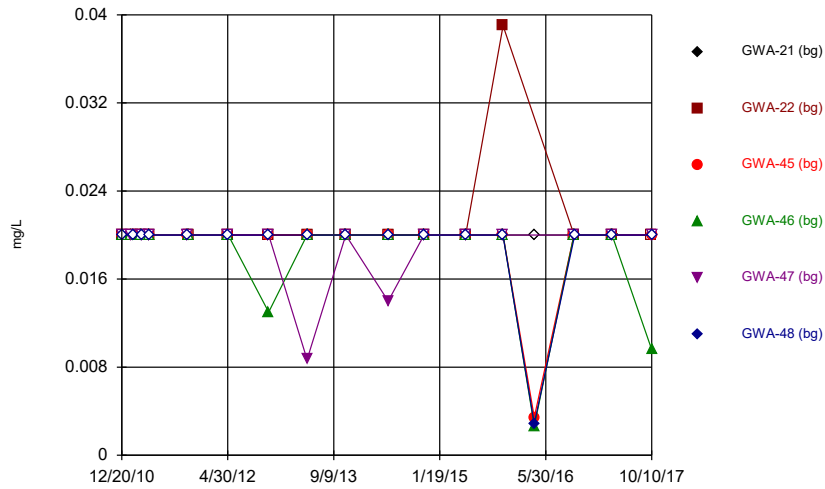
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Time Series



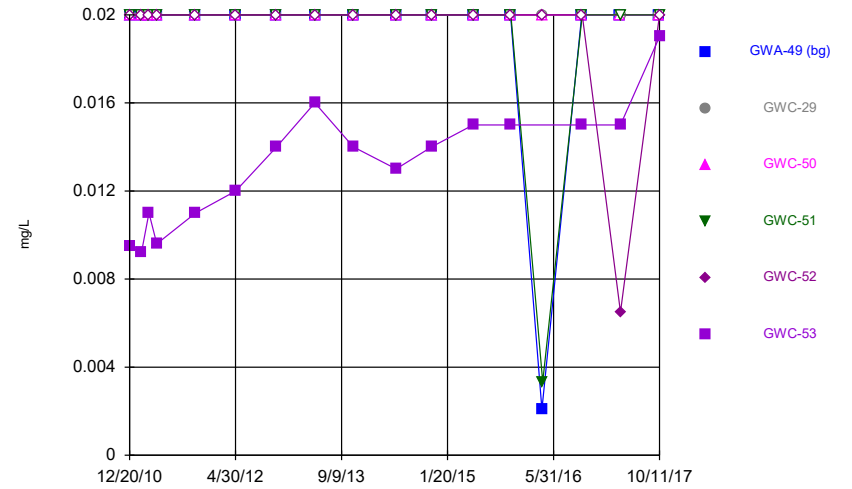
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



Constituent: Zinc, Total Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



Constituent: Zinc, Total Analysis Run 3/19/2018 9:47 AM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

APPENDIX B

INTRA-WELL STATISTICAL ANALYSES

INTRA-WELL STATISTICAL ANALYSES

CELL 1

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 3/22/2018, 2:07 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Calcium (mg/L)	GWC-4	14.96	n/a	10/6/2017	15	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	14	n/a	10/6/2017	16	Yes	8	0	n/a	0.02144	NP Intra (normality) ...
Calcium (mg/L)	GWC-9	18.99	n/a	10/5/2017	19	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	18.83	n/a	10/5/2017	19	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-13	6.805	n/a	10/6/2017	7.4	Yes	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-4	6.507	6.116	10/6/2017	5.9	Yes	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-7	6.487	6.155	10/6/2017	5.96	Yes	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	129.9	n/a	10/5/2017	130	Yes	8	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 3/22/2018, 2:07 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Boron (mg/L)	GWA-15	0.05	n/a	10/4/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-16	0.05	n/a	10/5/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-17	0.05	n/a	10/5/2017	0.05ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-1	0.05	n/a	10/4/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-2	0.05	n/a	10/4/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-3	0.05	n/a	10/5/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-4	0.05	n/a	10/6/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-6	0.05	n/a	10/6/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.05	n/a	10/6/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-8A	0.3593	n/a	n/a	1 future	n/a	8	0	No	0.000...	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.1437	n/a	10/5/2017	0.083	No	8	0	No	0.000...	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.05	n/a	10/5/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-11	0.05	n/a	10/5/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-12	0.05	n/a	10/5/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-13	0.05	n/a	10/6/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-14	0.05	n/a	10/5/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-18	0.05	n/a	10/5/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-19	0.05	n/a	10/5/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.05	n/a	10/5/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-15	5.889	n/a	10/4/2017	4.6	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWA-16	15.27	n/a	10/5/2017	13	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWA-17	9.172	n/a	10/5/2017	6.6	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-1	20.91	n/a	10/4/2017	19	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-2	21.36	n/a	10/4/2017	19	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-3	10.32	n/a	10/5/2017	10	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-4	14.96	n/a	10/6/2017	15	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	20.84	n/a	10/6/2017	19	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	14	n/a	10/6/2017	16	Yes	8	0	n/a	0.02144	NP Intra (normality) ...
Calcium (mg/L)	GWC-8A	39.47	n/a	n/a	1 future	n/a	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	18.99	n/a	10/5/2017	19	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	18.83	n/a	10/5/2017	19	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-11	15.18	n/a	10/5/2017	14	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-12	1.371	n/a	10/5/2017	1.1	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-13	6.805	n/a	10/6/2017	7.4	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-14	7.363	n/a	10/5/2017	7.2	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	12.34	n/a	10/5/2017	11	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	12.87	n/a	10/5/2017	12	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	16.3	n/a	10/5/2017	15	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-15	5.716	n/a	10/4/2017	5.2	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-16	2.222	n/a	10/5/2017	1.5	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-17	2.026	n/a	10/5/2017	1.5	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-1	4.71	n/a	10/4/2017	3.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-2	2.613	n/a	10/4/2017	2	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-3	3.786	n/a	10/5/2017	3.5	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	10.96	n/a	10/6/2017	9.1	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	8.831	n/a	10/6/2017	5.1	No	7	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	1.8	n/a	10/6/2017	1.6	No	6	0	n/a	0.03391	NP Intra (normality) ...
Chloride (mg/L)	GWC-8A	8.25	n/a	n/a	1 future	n/a	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	4.524	n/a	10/5/2017	3.3	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	2.453	n/a	10/5/2017	2.3	No	8	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 3/22/2018, 2:07 PM

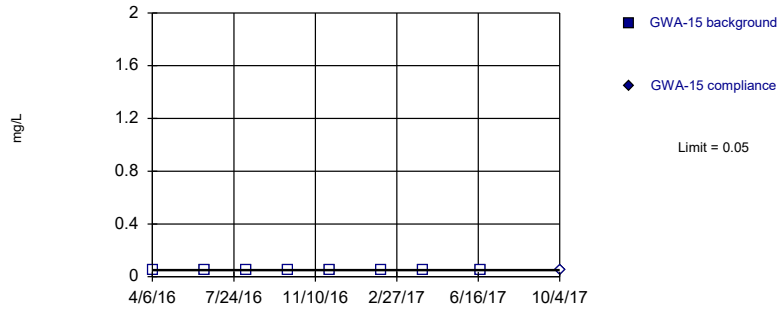
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chloride (mg/L)	GWC-11	2.099	n/a	10/5/2017	1.7	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-12	2.096	n/a	10/5/2017	1.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-13	2.118	n/a	10/6/2017	1.3	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-14	3.378	n/a	10/5/2017	2.8	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	2.69	n/a	10/5/2017	2.3	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-19	1.9	n/a	10/5/2017	1.6	No	8	0	n/a	0.02144	NP Intra (normality) ...
Chloride (mg/L)	GWC-20	2.328	n/a	10/5/2017	1.9	No	7	0	No	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWA-15	0.2	n/a	10/4/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-16	0.2	n/a	10/5/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-17	0.2	n/a	10/5/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-1	0.1349	n/a	10/4/2017	0.2ND	No	8	37.5	No	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-2	0.2	n/a	10/4/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-3	0.2	n/a	10/5/2017	0.2ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-4	0.1871	n/a	10/6/2017	0.096	No	8	0	No	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-6	0.2	n/a	10/6/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-7	0.2	n/a	10/6/2017	0.2ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-8A	0.2403	n/a	n/a	1 future	n/a	8	0	No	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-9	0.2	n/a	10/5/2017	0.084	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-10	0.2	n/a	10/5/2017	0.2ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-11	0.2	n/a	10/5/2017	0.2ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-12	0.2	n/a	10/5/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-13	0.2	n/a	10/6/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-14	0.2	n/a	10/5/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.2	n/a	10/5/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.2	n/a	10/5/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.2	n/a	10/5/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-15	5.599	5.386	10/4/2017	5.44	No	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWA-16	6.505	6.3	10/5/2017	6.42	No	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWA-17	6.489	5.519	10/5/2017	5.93	No	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-1	6.637	6.285	10/4/2017	6.5	No	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-2	6.454	6.319	10/4/2017	6.35	No	6	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-3	6.016	5.769	10/5/2017	5.93	No	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-4	6.507	6.116	10/6/2017	5.9	Yes	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-6	6.253	6.095	10/6/2017	6.19	No	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-7	6.487	6.155	10/6/2017	5.96	Yes	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-8A	7.505	5.621	10/9/2017	6.75	No	11	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-9	6.699	6.451	10/5/2017	6.58	No	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-10	6.622	5.938	10/5/2017	6.21	No	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-11	6.232	6.056	10/5/2017	6.11	No	7	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-12	5.291	4.956	10/5/2017	5.1	No	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-13	5.953	5.794	10/6/2017	5.88	No	9	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-14	5.694	5.464	10/5/2017	5.55	No	7	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-18	6.453	6.155	10/5/2017	6.31	No	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-19	6.471	6.28	10/5/2017	6.41	No	7	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-20	6.629	6.391	10/5/2017	6.51	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWA-15	1	n/a	10/4/2017	1ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-16	1	n/a	10/5/2017	1ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-17	1	n/a	10/5/2017	1ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-1	1	n/a	10/4/2017	1ND	No	8	50	n/a	0.02144	NP Intra (normality) ...
Sulfate (mg/L)	GWC-2	1	n/a	10/4/2017	1ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 3/22/2018, 2:07 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Sulfate (mg/L)	GWC-3	1.1	n/a	10/5/2017	1ND	No	8	62.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.614	n/a	10/6/2017	3	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	18.51	n/a	10/6/2017	7.3	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-7	1	n/a	10/6/2017	1ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-8A	46.61	n/a	n/a	1 future	n/a	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	19.63	n/a	10/5/2017	10	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	1.355	n/a	10/5/2017	1.1	No	8	37.5	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-11	1	n/a	10/5/2017	1ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-12	1	n/a	10/5/2017	1ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-13	1	n/a	10/6/2017	1ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-14	1	n/a	10/5/2017	1ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	1	n/a	10/5/2017	1ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	1	n/a	10/5/2017	1ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-20	1	n/a	10/5/2017	1ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWA-15	73.77	n/a	10/4/2017	42	No	8	12.5	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-16	171.2	n/a	10/5/2017	110	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-17	150.6	n/a	10/5/2017	64	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-1	170.8	n/a	10/4/2017	130	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-2	207.6	n/a	10/4/2017	120	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-3	110.3	n/a	10/5/2017	86	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	140.4	n/a	10/6/2017	120	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-6	174.7	n/a	10/6/2017	160	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-7	160.7	n/a	10/6/2017	140	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-8A	220.3	n/a	n/a	1 future	n/a	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	217.1	n/a	10/5/2017	170	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-10	170.5	n/a	10/5/2017	140	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-11	361.1	n/a	10/5/2017	94	No	8	0	x^(1/3)	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-12	207.8	n/a	10/5/2017	28	No	8	50	ln(x)	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-13	98.85	n/a	10/6/2017	90	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-14	98.65	n/a	10/5/2017	98	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	114	n/a	10/5/2017	110	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-19	165	n/a	10/5/2017	100	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	129.9	n/a	10/5/2017	130	Yes	8	0	No	0.000...	Param Intra 1 of 2

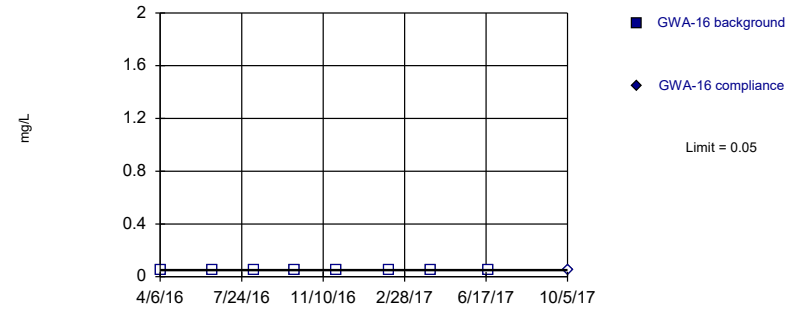
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:51 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

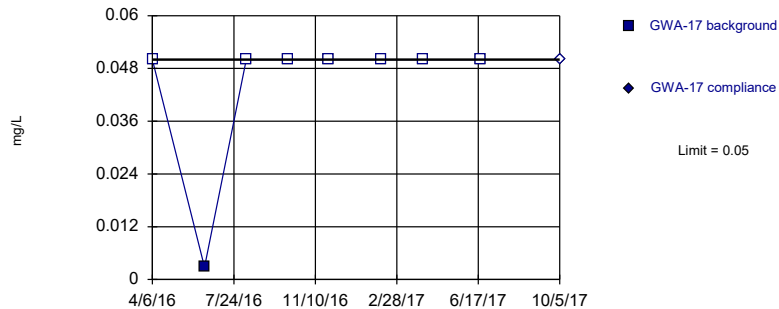
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:51 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

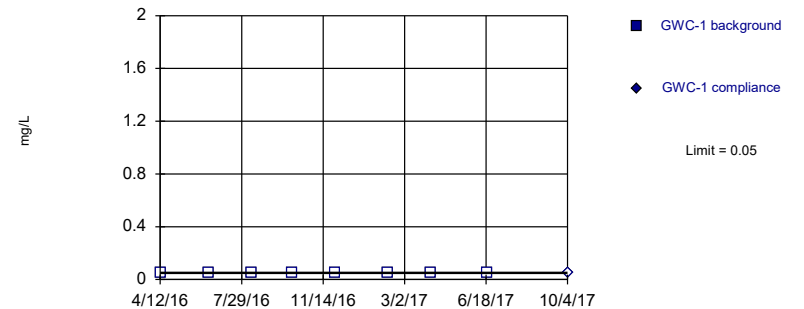
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

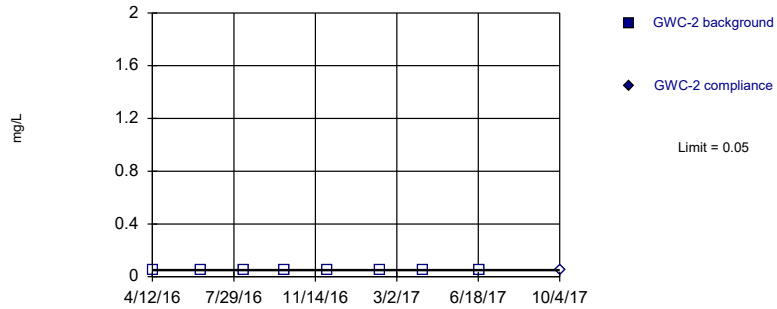


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

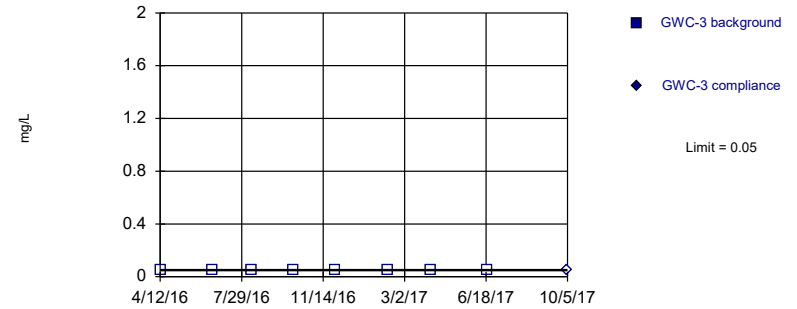


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

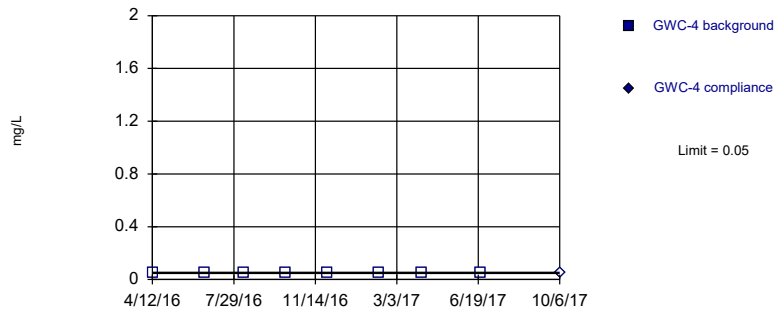


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

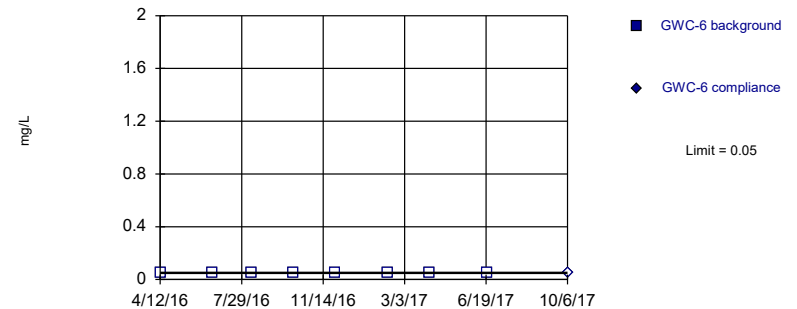


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

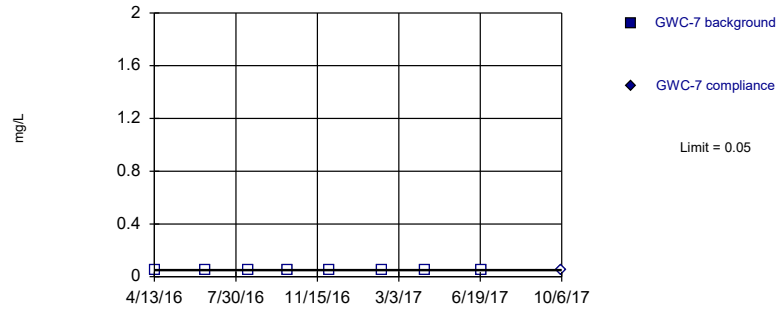
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

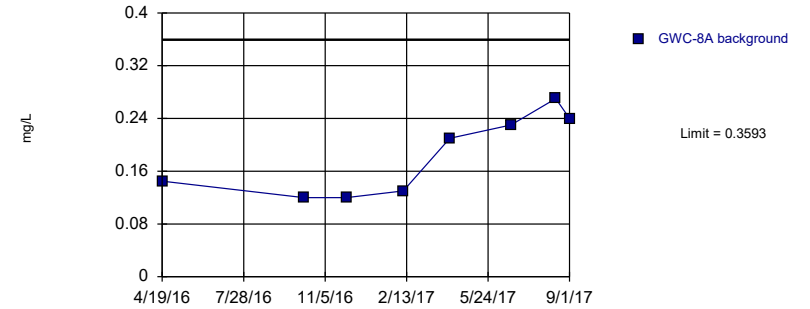
Within Limit Prediction Limit
 Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

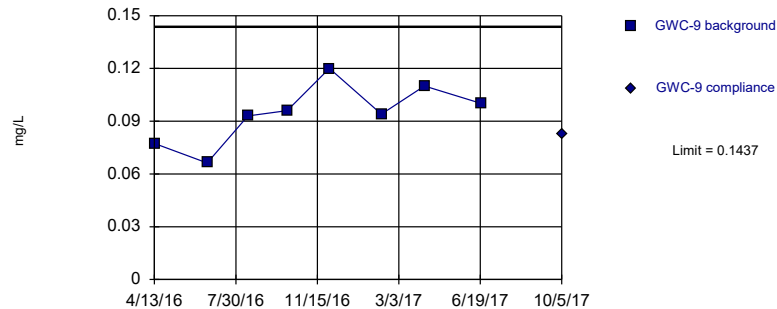
Within Limit Prediction Limit
 Intrawell Parametric, GWC-8A



Background Data Summary: Mean=0.1831, Std. Dev.=0.06088, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8651, critical = 0.749. Assumes 1 future value. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

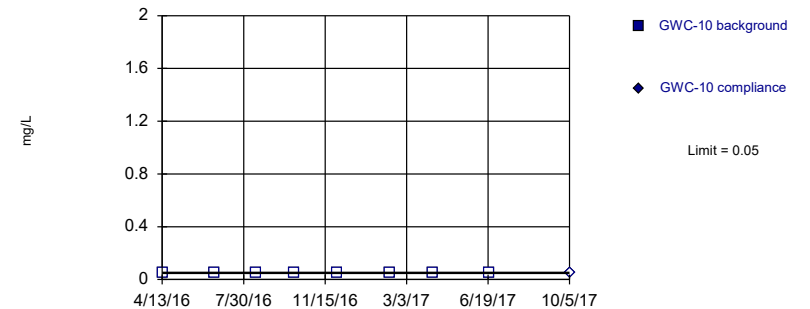
Within Limit Prediction Limit
 Intrawell Parametric



Background Data Summary: Mean=0.09459, Std. Dev.=0.01696, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9681, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
 Intrawell Non-parametric

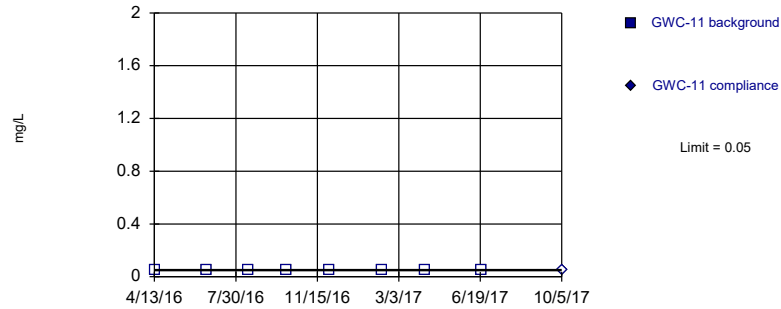


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

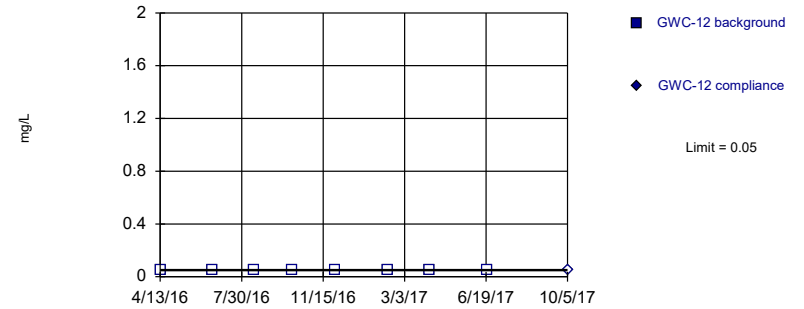


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

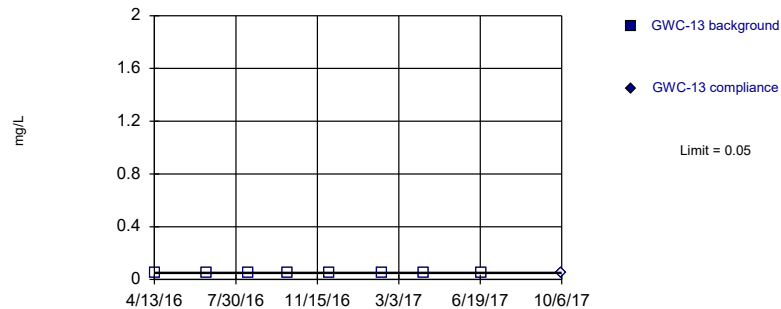


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

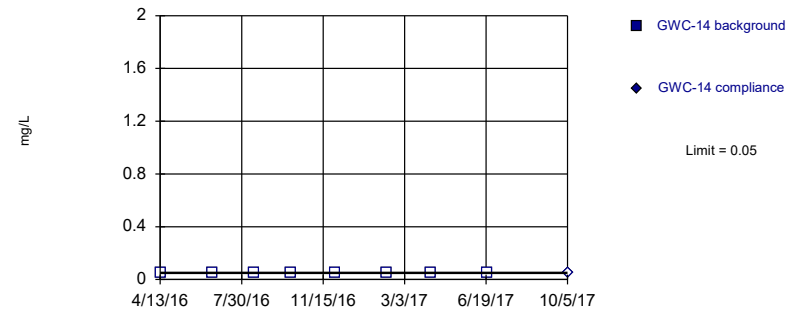


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

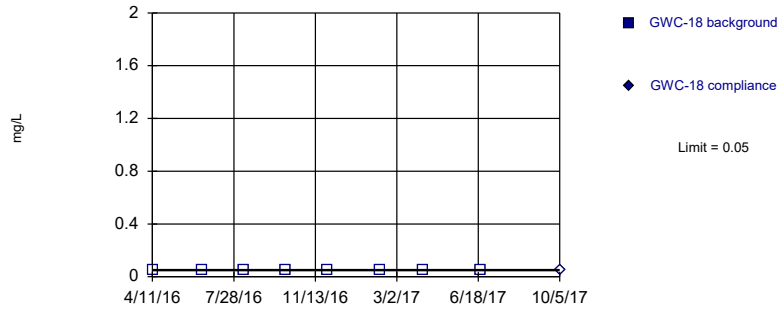
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

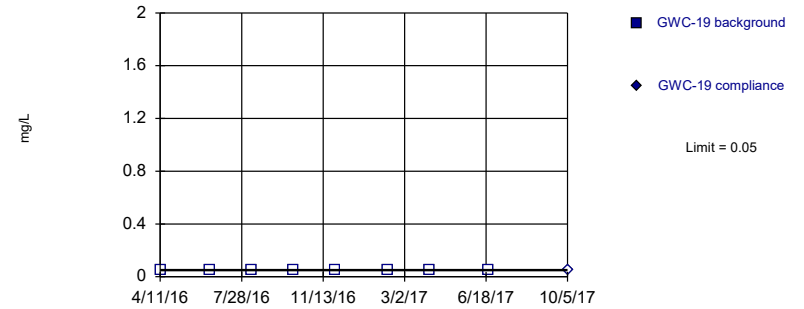
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

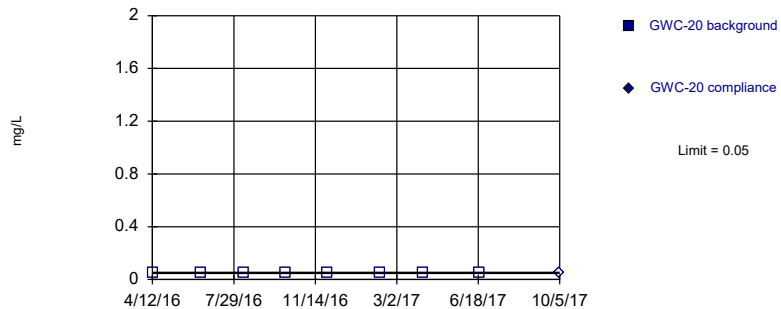
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

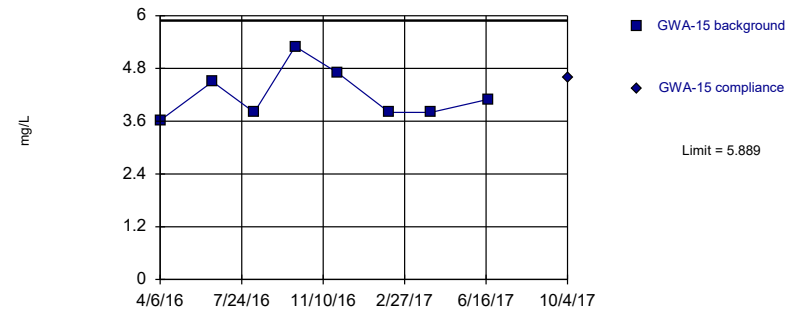
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

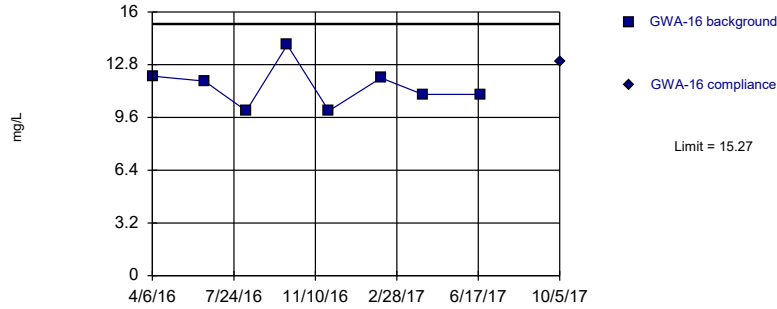
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=4.203, Std. Dev.=0.5826, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.873, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

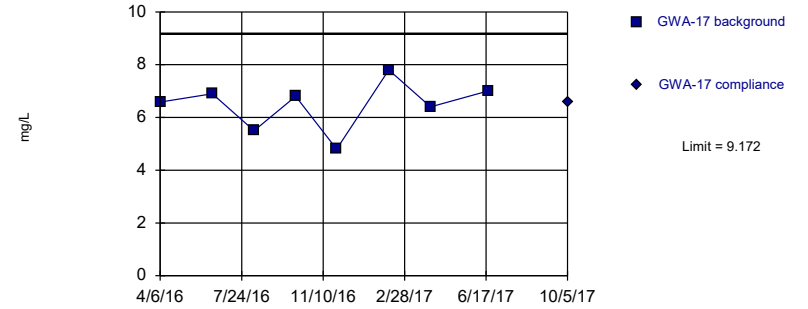
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=11.49, Std. Dev.=1.307, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9138, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

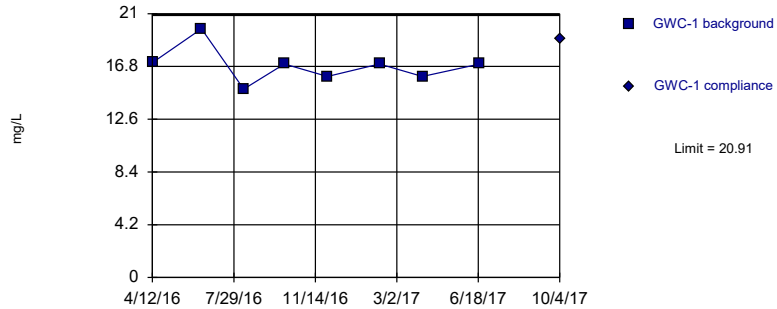
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.473, Std. Dev.=0.9328, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9377, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

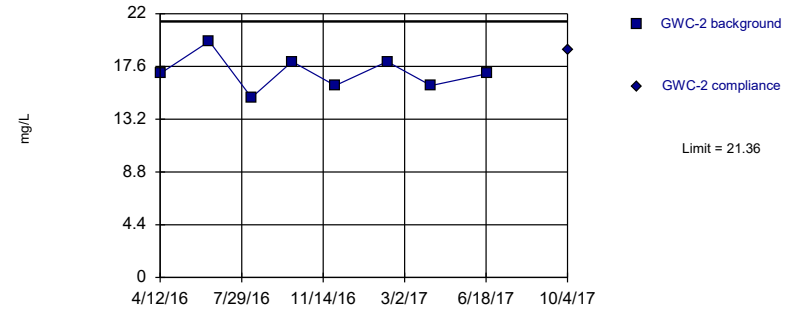
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=16.86, Std. Dev.=1.399, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8575, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Parametric

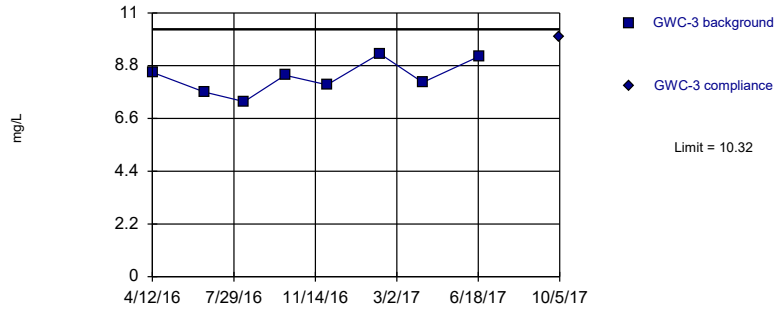


Background Data Summary: Mean=17.09, Std. Dev.=1.475, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9611, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

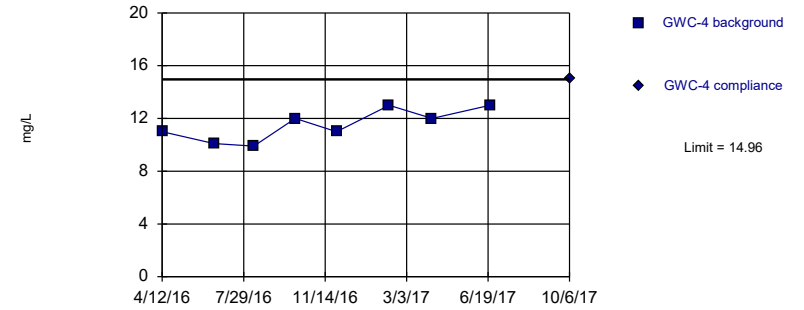


Background Data Summary: Mean=8.315, Std. Dev.=0.6925, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9572, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

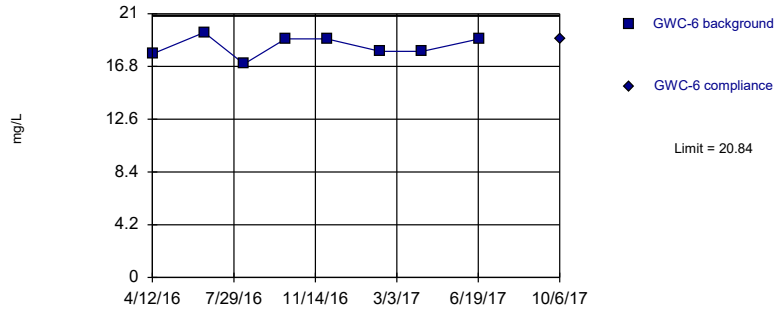


Background Data Summary: Mean=11.5, Std. Dev.=1.196, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9127, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

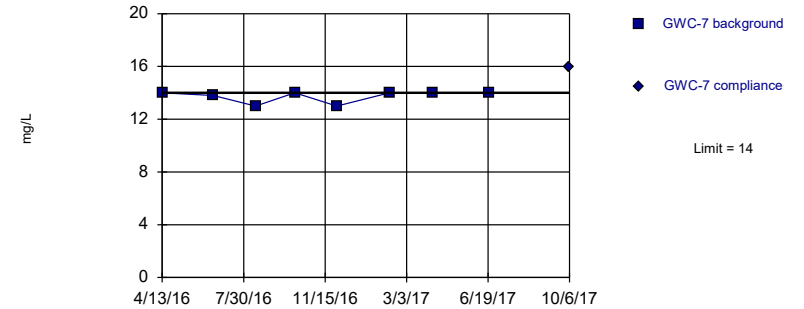


Background Data Summary: Mean=18.41, Std. Dev.=0.8391, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9145, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

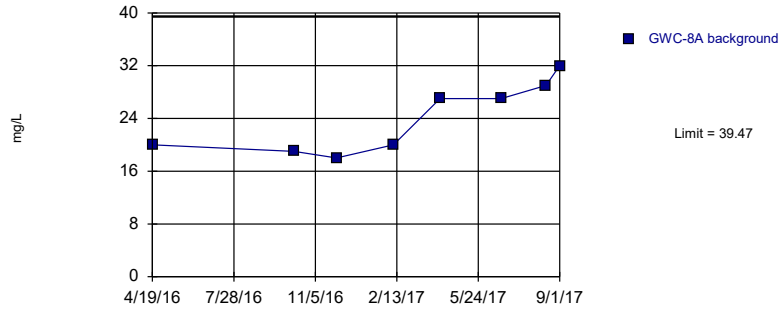
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

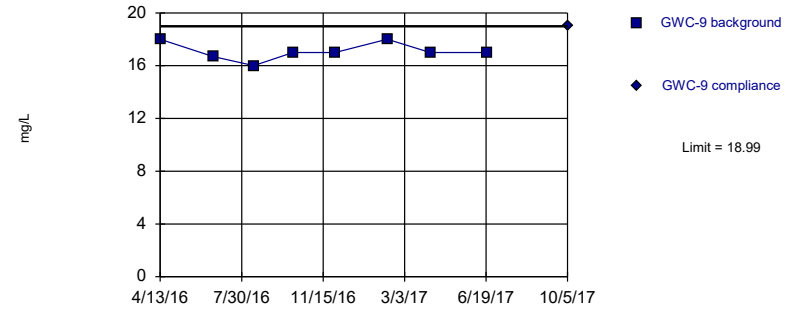
Prediction Limit Intrawell Parametric, GWC-8A



Background Data Summary: Mean=24, Std. Dev.=5.345, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8778, critical = 0.749. Assumes 1 future value. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

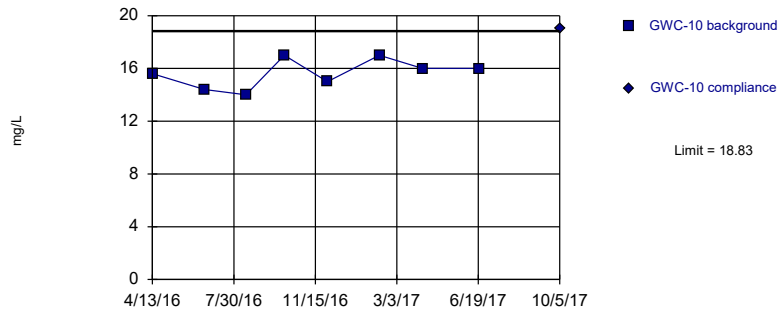
Exceeds Limit Prediction Limit Intrawell Parametric



Background Data Summary: Mean=17.09, Std. Dev.=0.6578, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8683, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

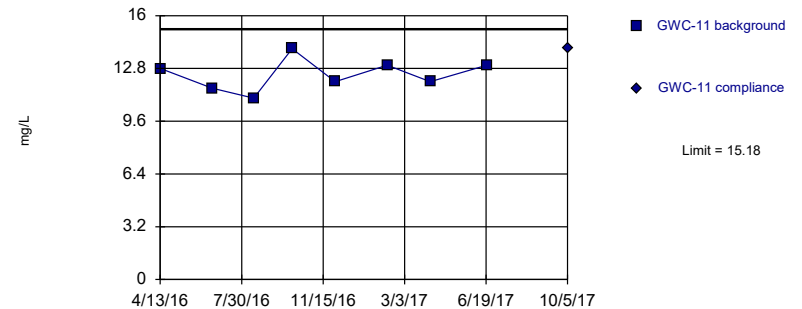
Exceeds Limit Prediction Limit Intrawell Parametric



Background Data Summary: Mean=15.63, Std. Dev.=1.108, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9351, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit Intrawell Parametric

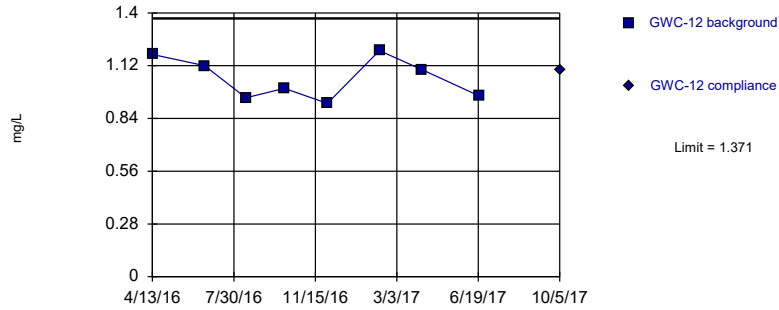


Background Data Summary: Mean=12.43, Std. Dev.=0.9528, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.966, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

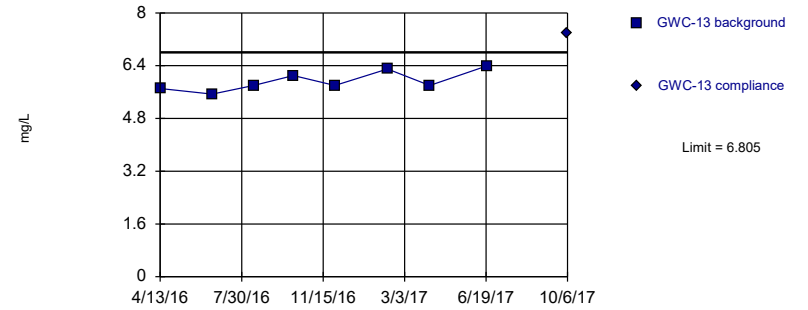


Background Data Summary: Mean=1.054, Std. Dev.=0.1097, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.903, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

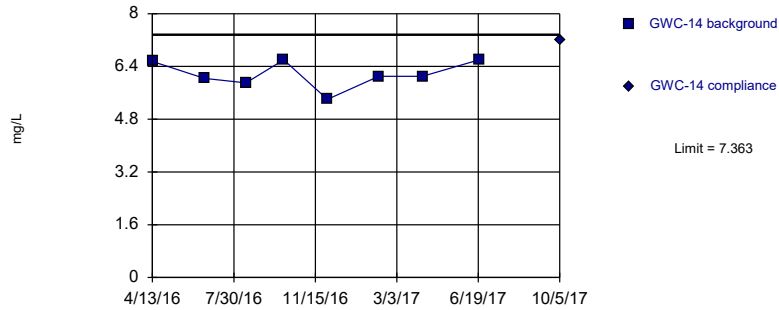


Background Data Summary: Mean=5.931, Std. Dev.=0.3019, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9042, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

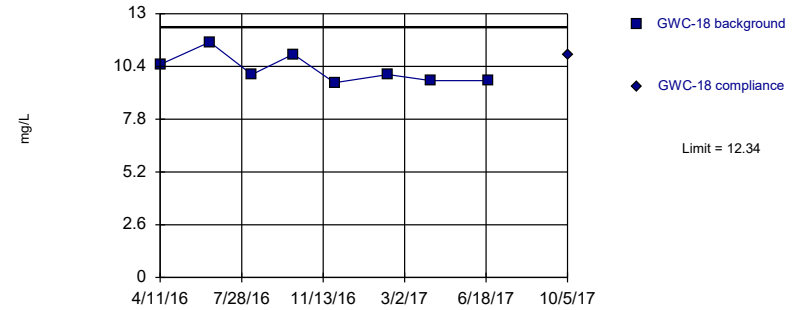


Background Data Summary: Mean=6.161, Std. Dev.=0.4151, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.891, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

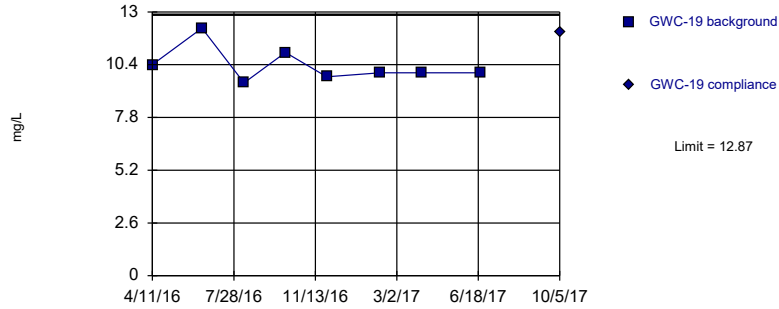
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=10.26, Std. Dev.=0.717, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8619, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

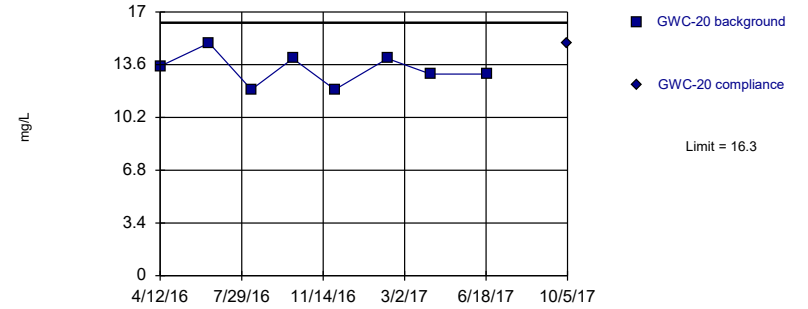
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=10.36, Std. Dev.=0.8651, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8286, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

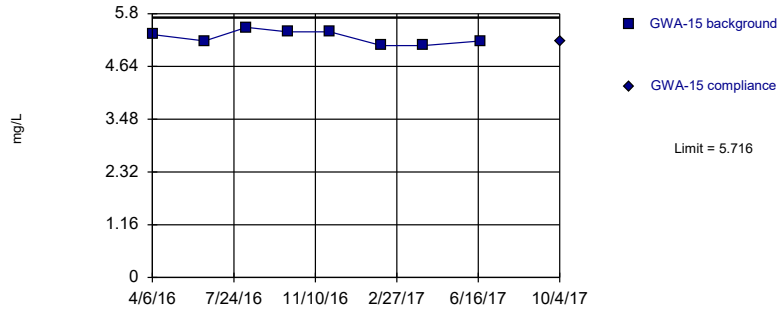
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=13.31, Std. Dev.=1.033, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9408, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

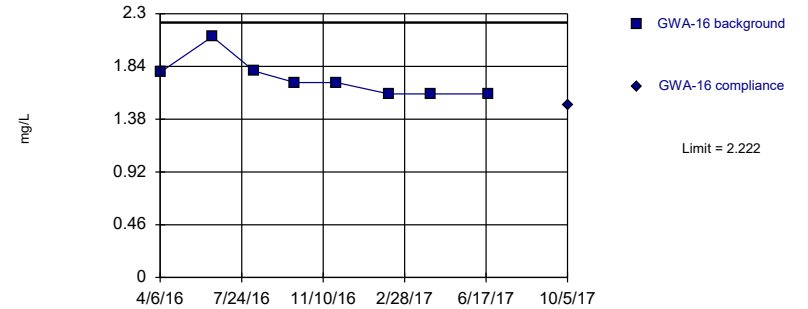
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=5.28, Std. Dev.=0.1505, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9094, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

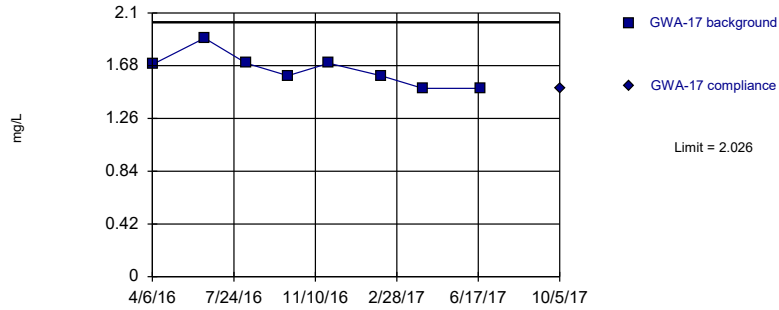
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.736, Std. Dev.=0.168, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8054, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

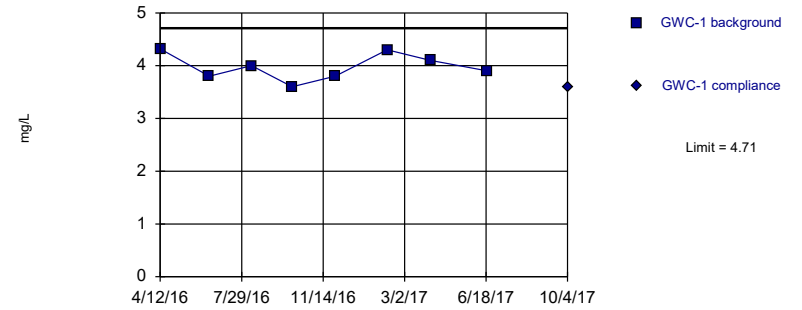
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.649, Std. Dev.=0.1304, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9025, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

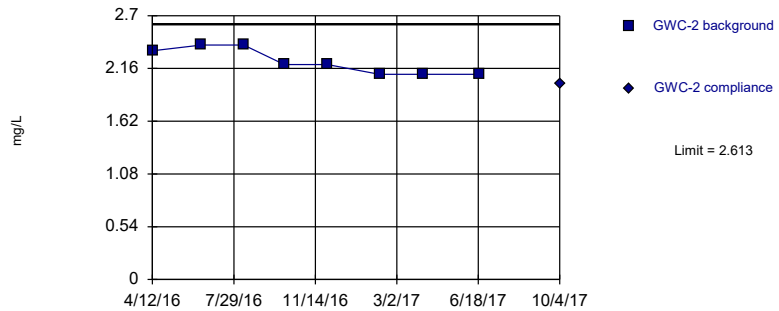
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.978, Std. Dev.=0.2531, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9477, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

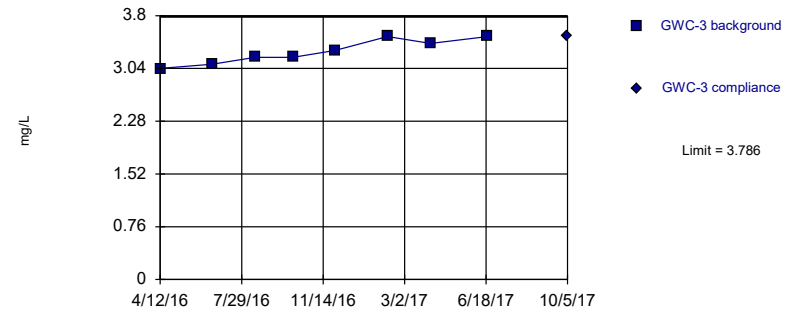
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.23, Std. Dev.=0.1322, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8278, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

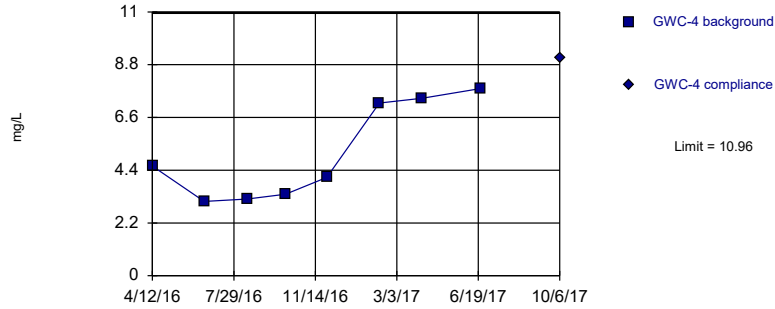
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.28, Std. Dev.=0.175, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9254, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

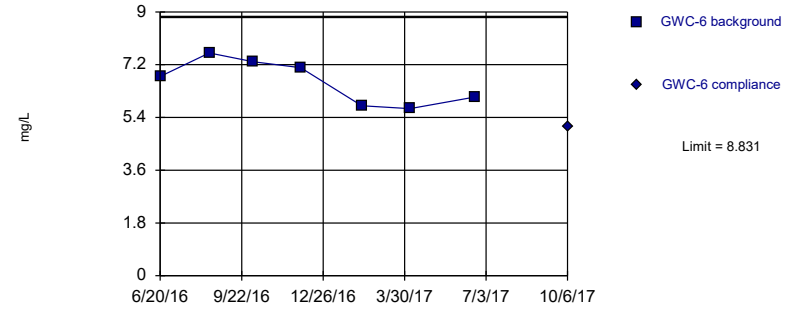
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=5.096, Std. Dev.=2.027, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8216, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

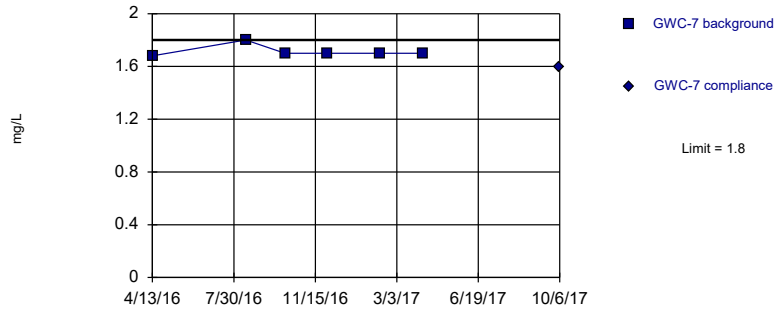
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.629, Std. Dev.=0.761, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.911, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

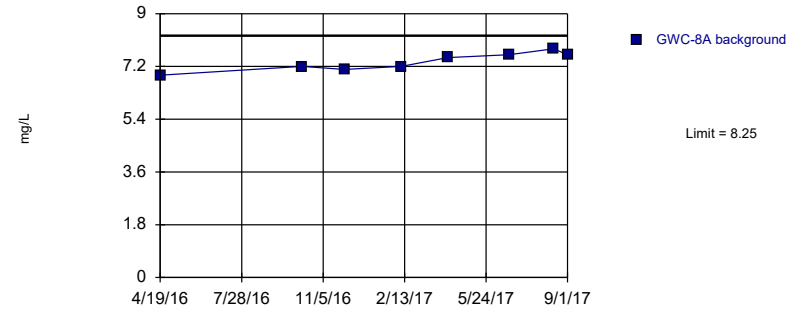
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 6 background values. Well-constituent pair annual alpha = 0.06667. Individual comparison alpha = 0.03391 (1 of 2).

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

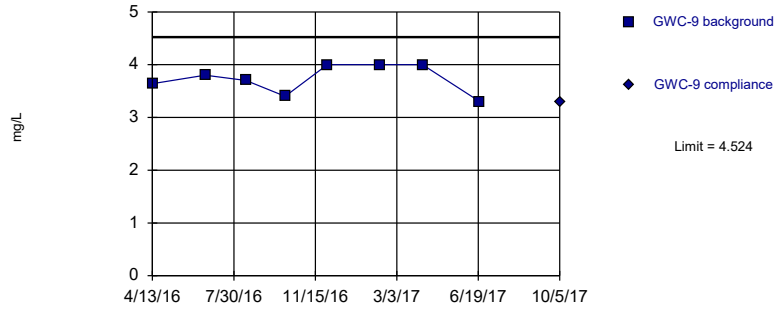
Within Limit Prediction Limit
Intrawell Parametric, GWC-8A



Background Data Summary: Mean=7.363, Std. Dev.=0.3068, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.946, critical = 0.749. Assumes 1 future value. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

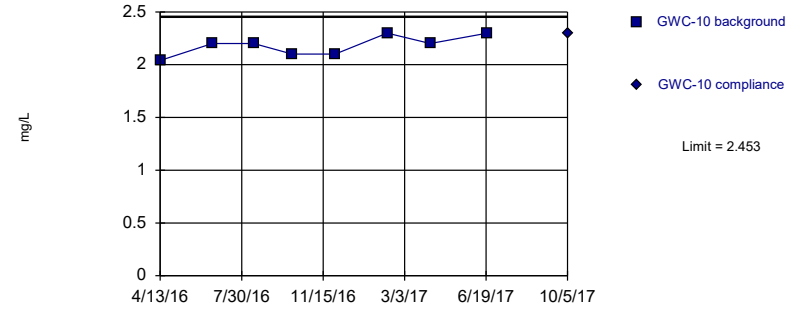
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.73, Std. Dev.=0.2742, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8832, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

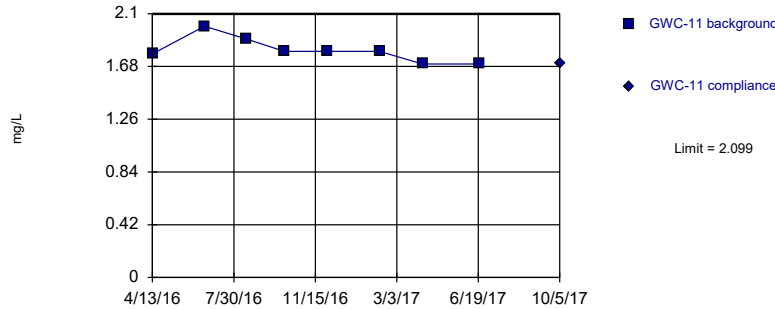
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.18, Std. Dev.=0.09442, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9082, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

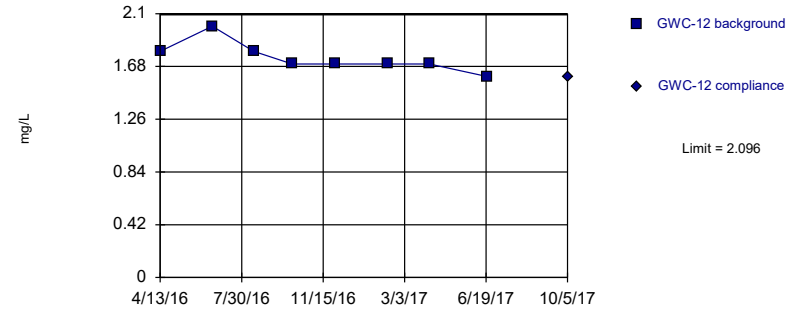
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.81, Std. Dev.=0.09971, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.886, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Parametric

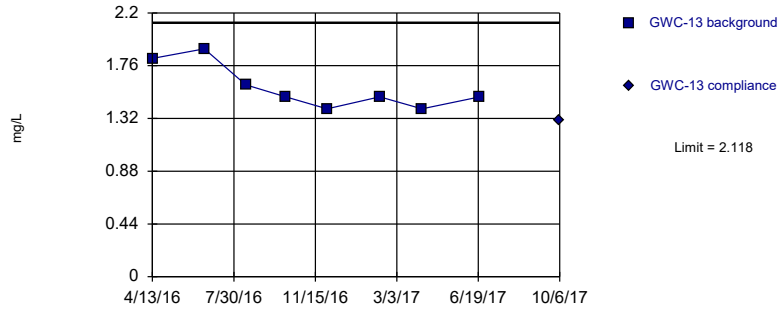


Background Data Summary: Mean=1.75, Std. Dev.=0.1195, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8477, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

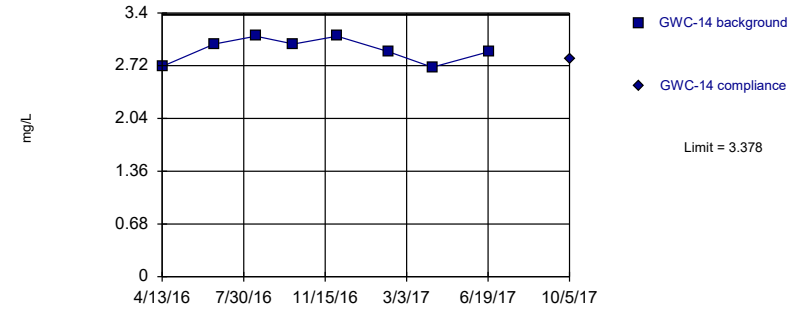


Background Data Summary: Mean=1.578, Std. Dev.=0.1868, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8395, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

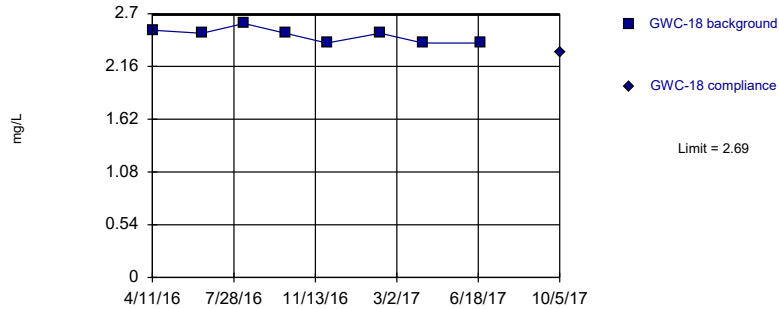


Background Data Summary: Mean=2.926, Std. Dev.=0.1561, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8849, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

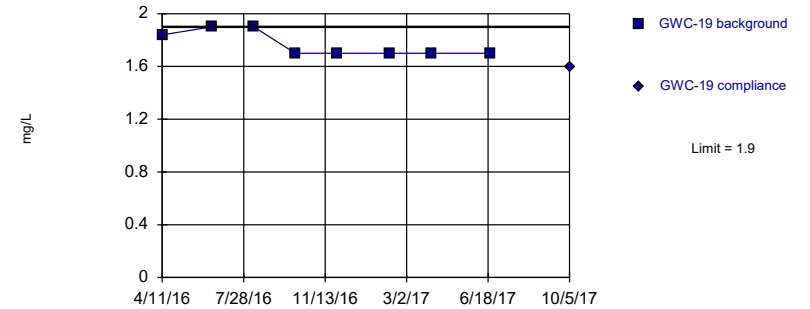


Background Data Summary: Mean=2.479, Std. Dev.=0.07298, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8651, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

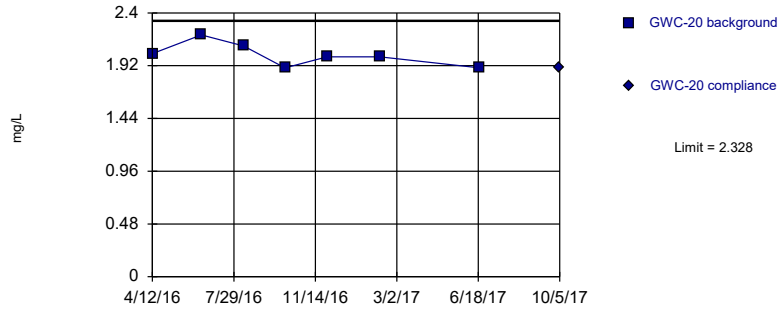


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

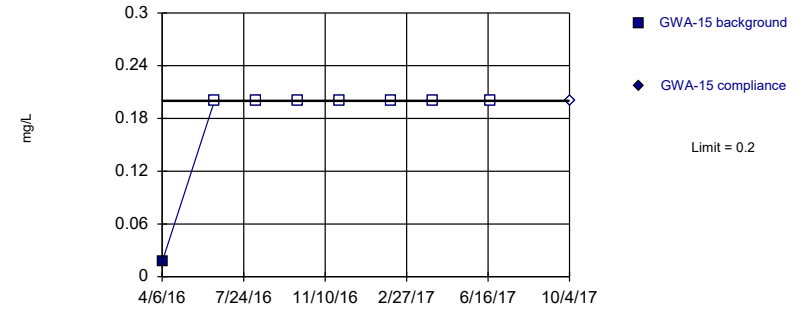


Background Data Summary: Mean=2.019, Std. Dev.=0.1068, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9259, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

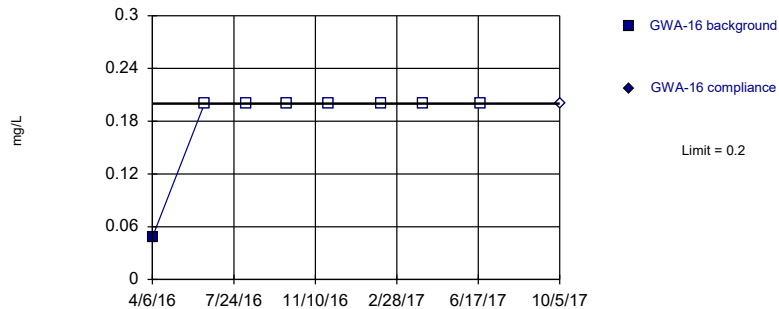


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

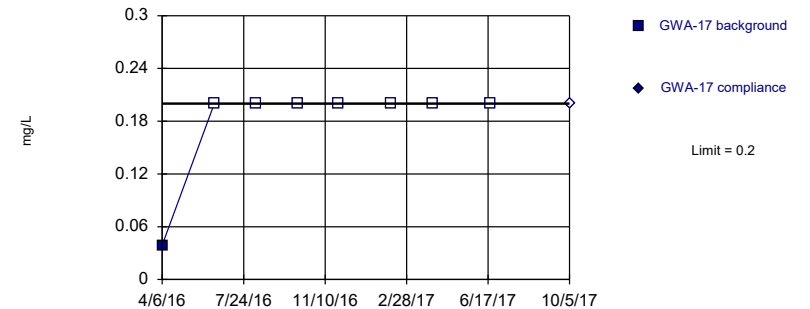


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

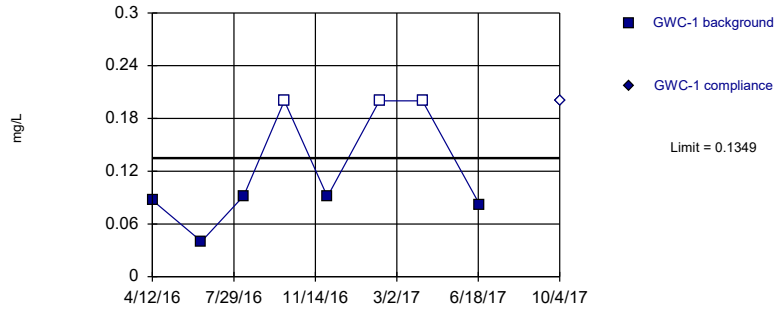
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

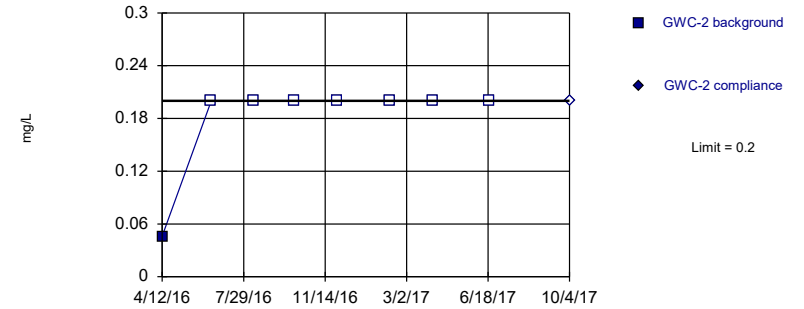
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.0784, Std. Dev.=0.01952, n=8, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7996, critical = 0.749. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

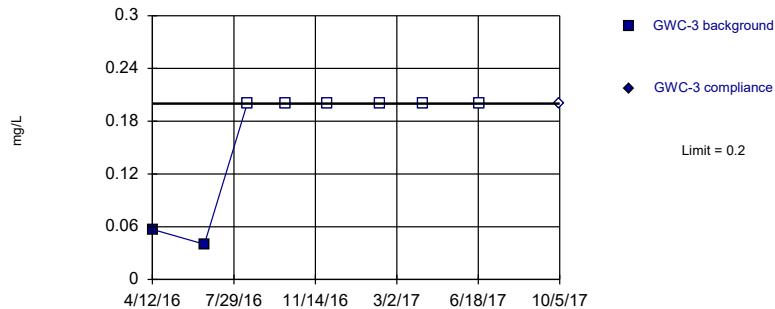
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

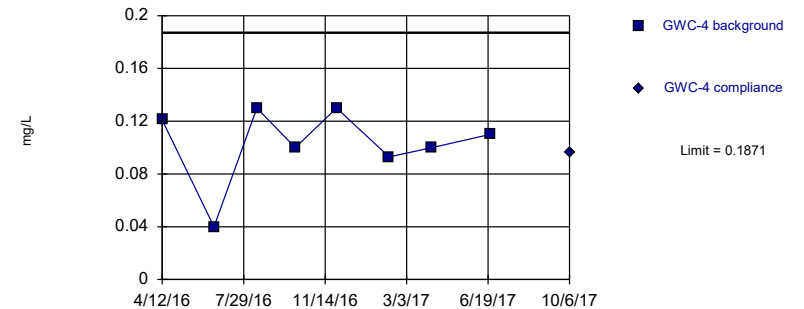
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

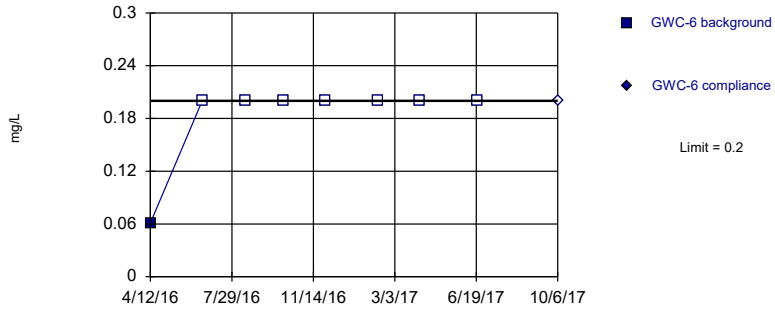
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.103, Std. Dev.=0.02908, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8374, critical = 0.749. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

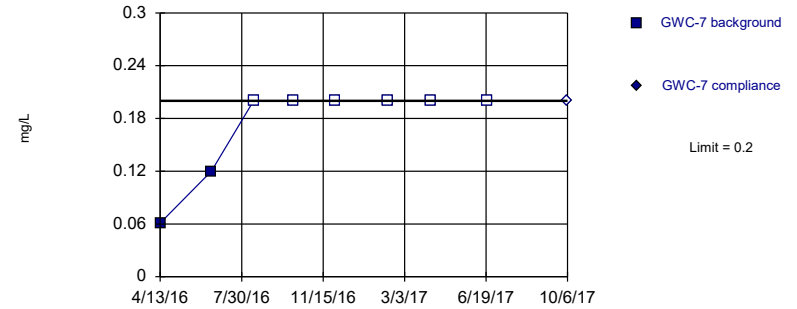
Within Limit Prediction Limit
 Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

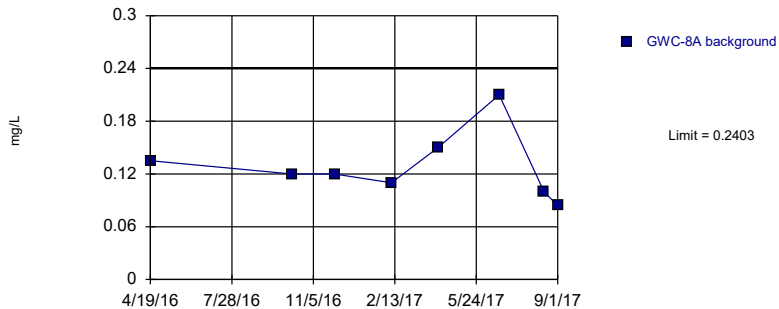
Within Limit Prediction Limit
 Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

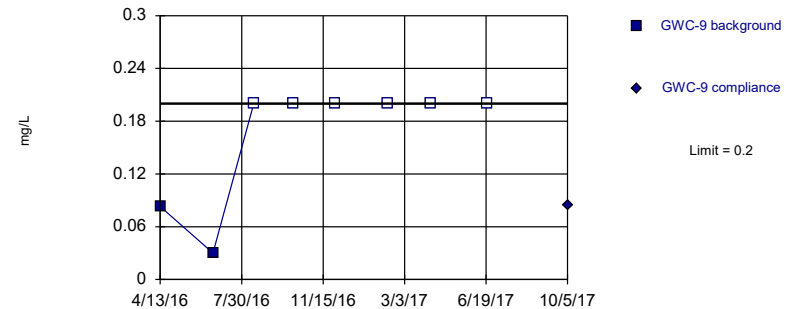
Prediction Limit
 Intrawell Parametric, GWC-8A



Background Data Summary: Mean=0.1286, Std. Dev.=0.03859, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8919, critical = 0.749. Assumes 1 future value. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
 Intrawell Non-parametric

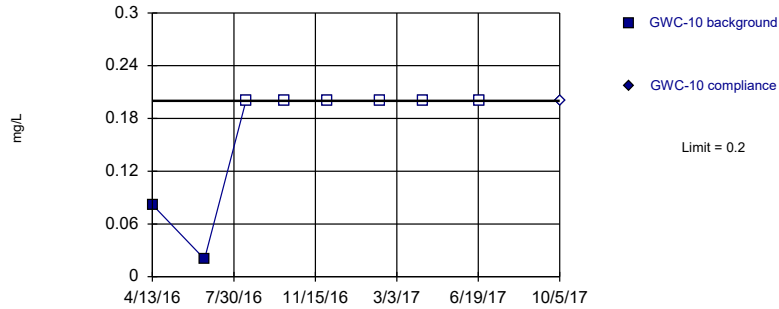


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

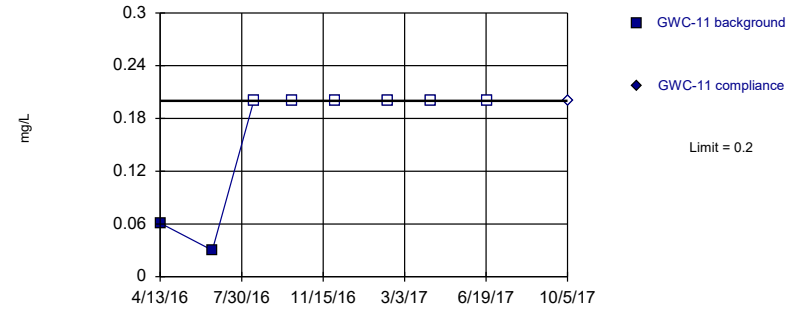


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

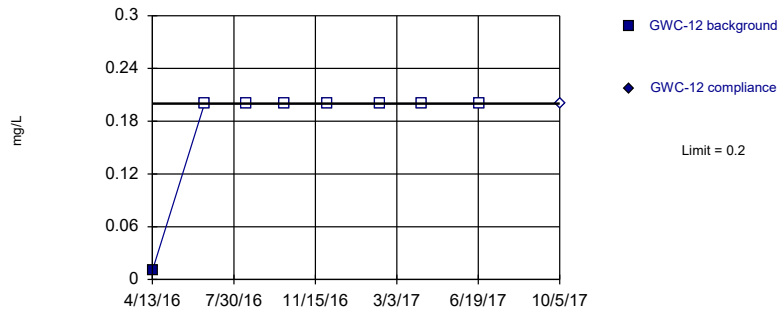


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

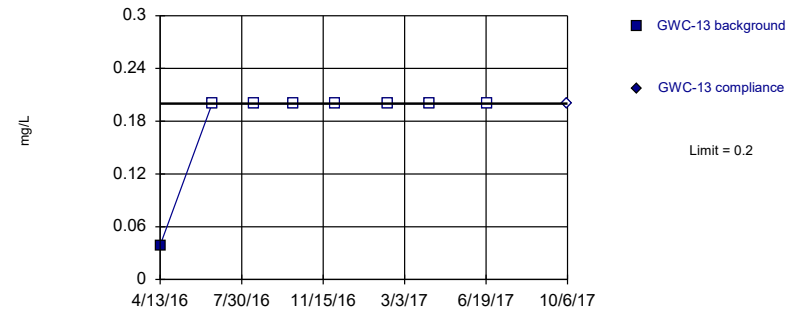


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:52 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

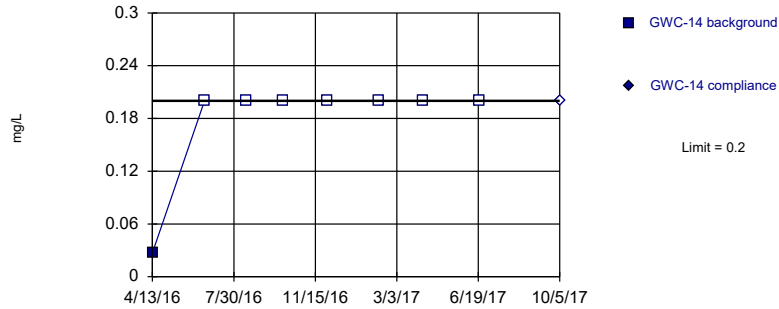


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

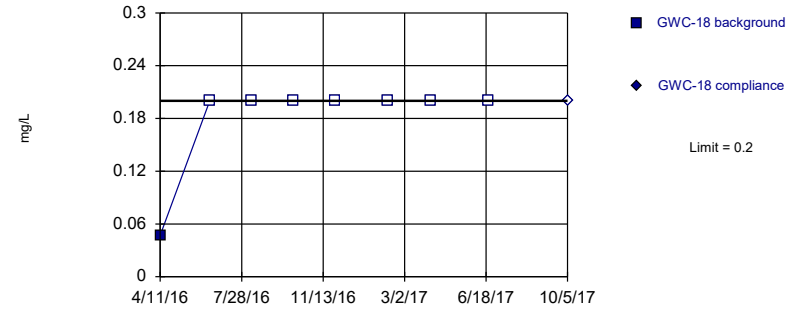


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

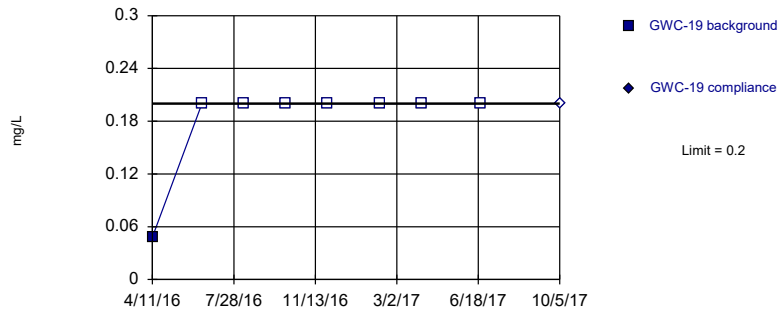


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

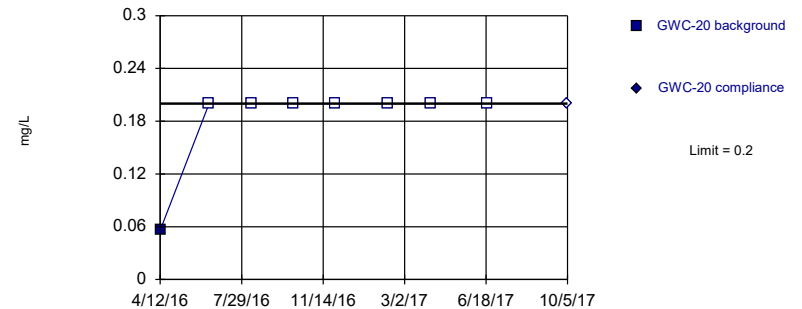


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

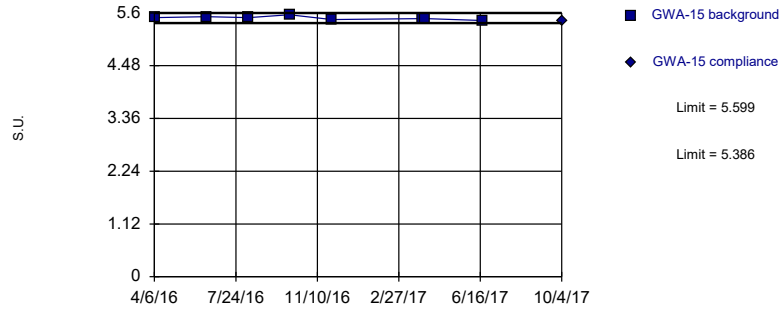


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

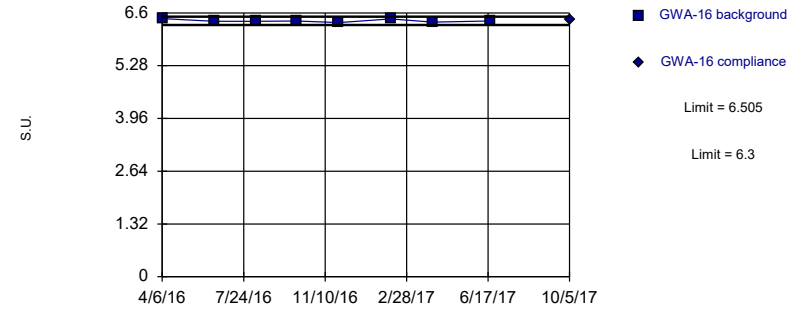


Background Data Summary: Mean=5.493, Std. Dev.=0.03694, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9694, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

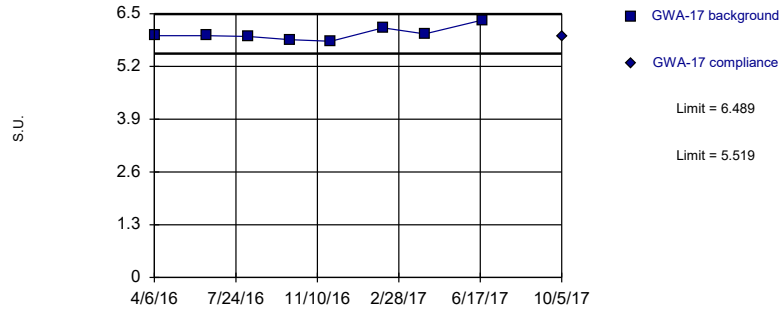


Background Data Summary: Mean=6.403, Std. Dev.=0.03536, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8878, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

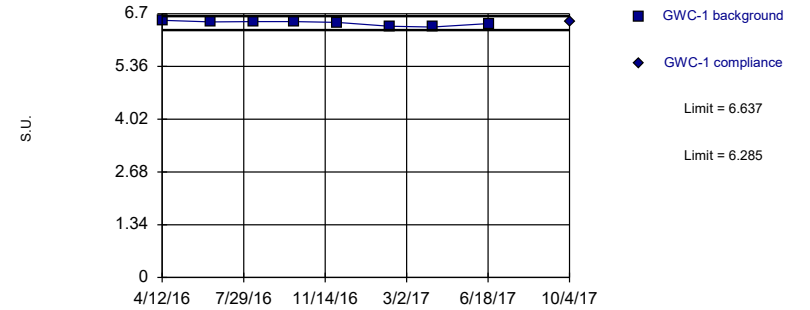


Background Data Summary: Mean=6.004, Std. Dev.=0.1677, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8833, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

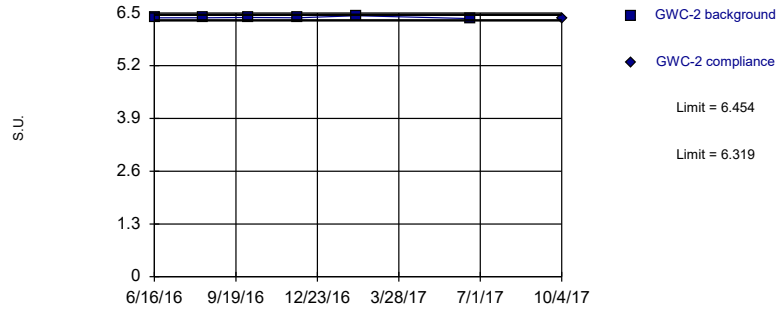


Background Data Summary: Mean=6.461, Std. Dev.=0.06081, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8706, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

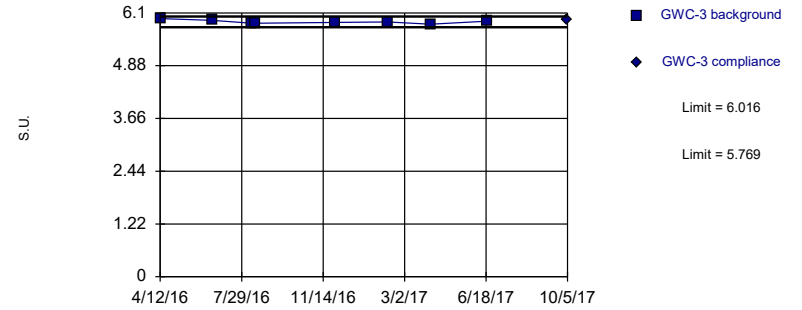


Background Data Summary: Mean=6.387, Std. Dev.=0.02338, n=6. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8367, critical = 0.713. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

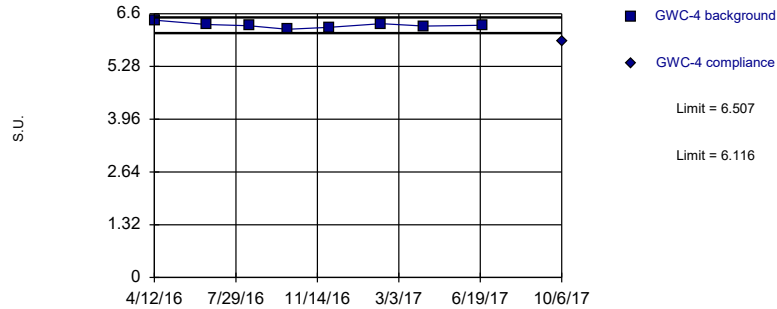


Background Data Summary: Mean=5.893, Std. Dev.=0.04268, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9507, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

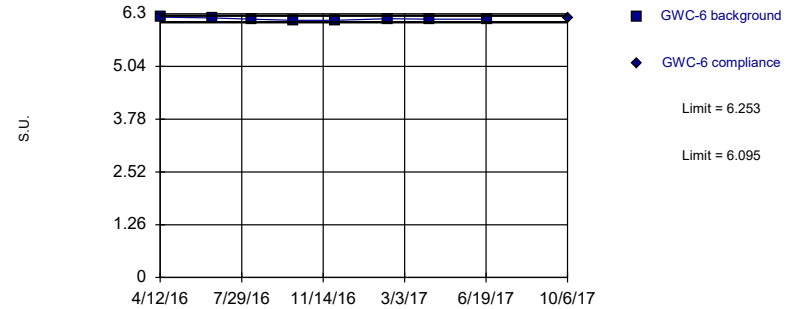


Background Data Summary: Mean=6.311, Std. Dev.=0.06749, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9627, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

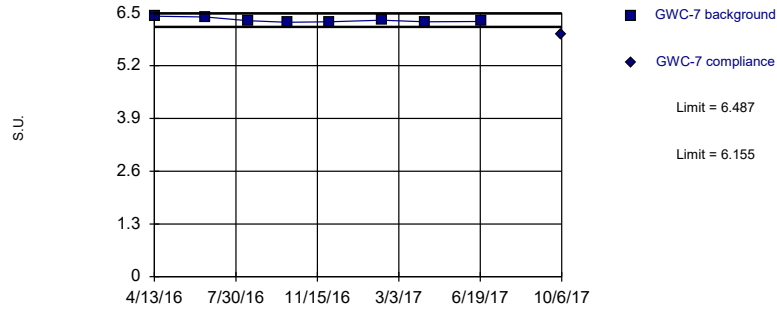


Background Data Summary: Mean=6.174, Std. Dev.=0.02722, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9216, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

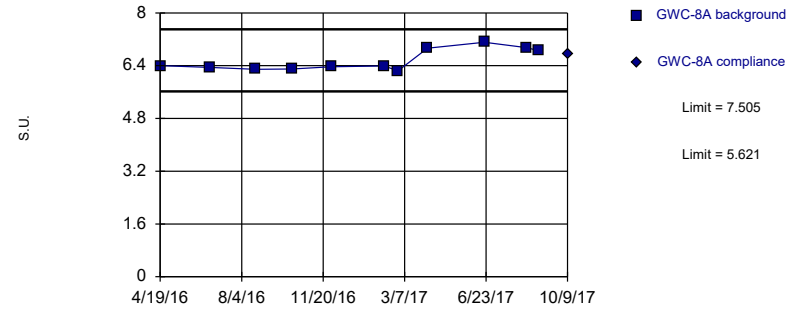


Background Data Summary: Mean=6.321, Std. Dev.=0.05743, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8111, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

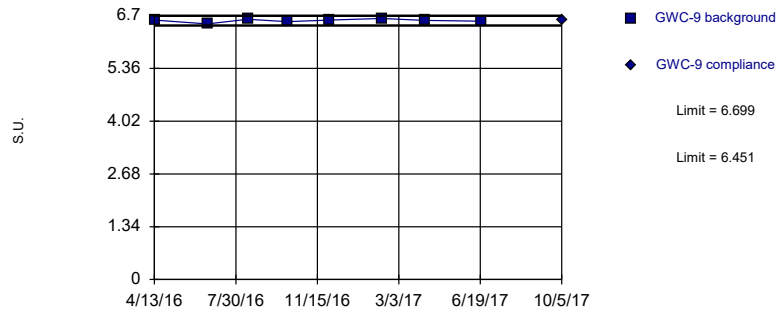


Background Data Summary: Mean=6.563, Std. Dev.=0.3254, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8052, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

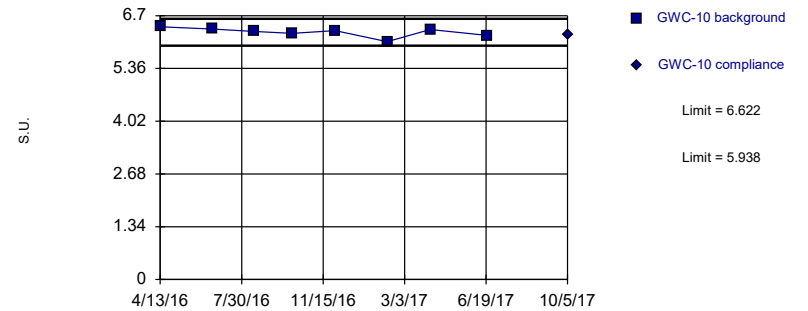


Background Data Summary: Mean=6.575, Std. Dev.=0.04276, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9368, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

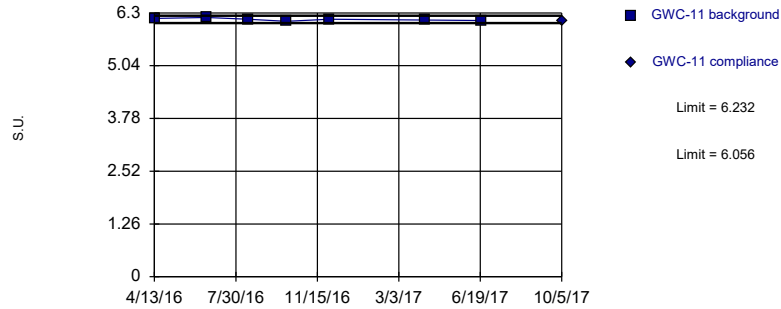


Background Data Summary: Mean=6.28, Std. Dev.=0.1182, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9151, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

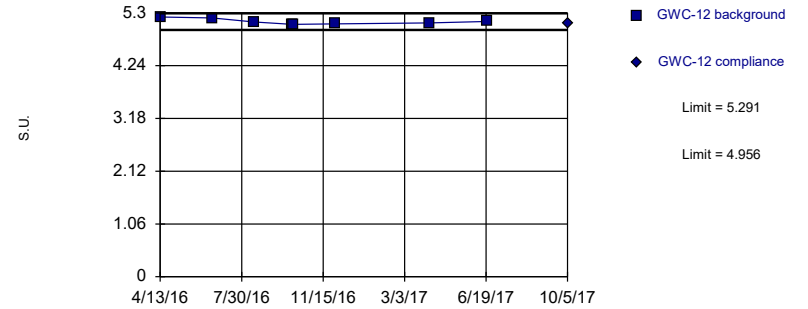


Background Data Summary: Mean=6.144, Std. Dev.=0.03047, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9843, critical = 0.73. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

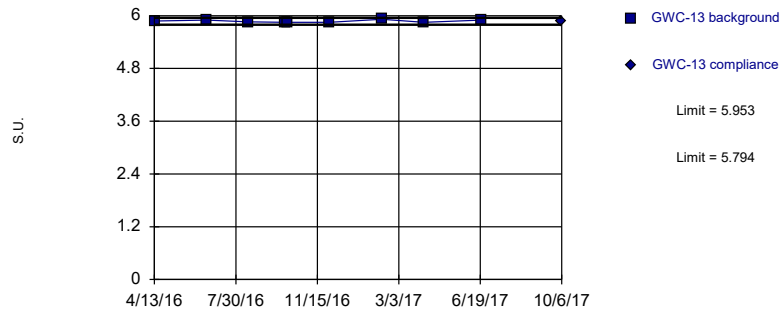


Background Data Summary: Mean=5.124, Std. Dev.=0.0578, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8591, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

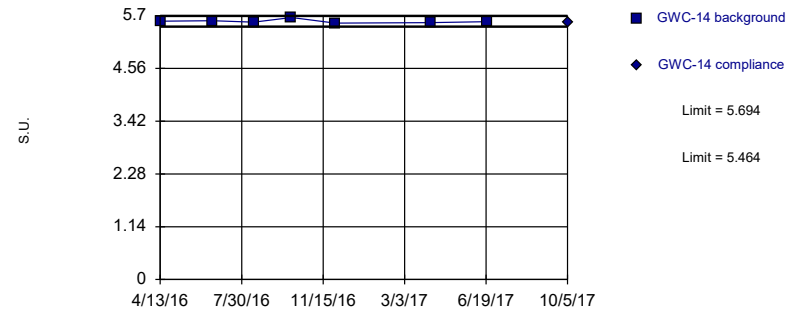


Background Data Summary: Mean=5.873, Std. Dev.=0.02739, n=9. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8203, critical = 0.764. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

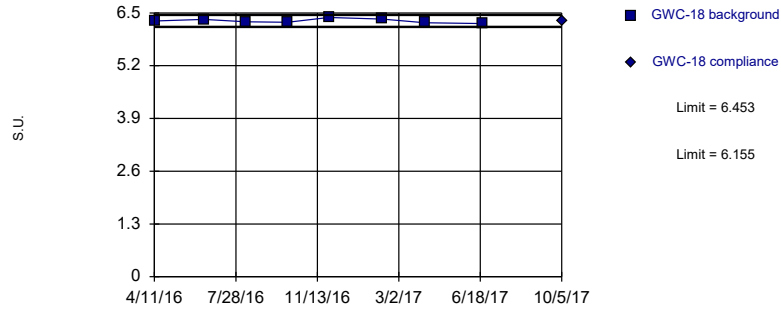


Background Data Summary: Mean=5.579, Std. Dev.=0.03976, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8486, critical = 0.73. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

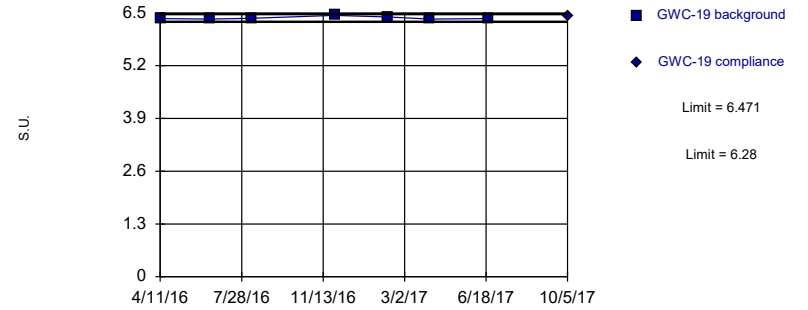


Background Data Summary: Mean=6.304, Std. Dev.=0.05153, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9456, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

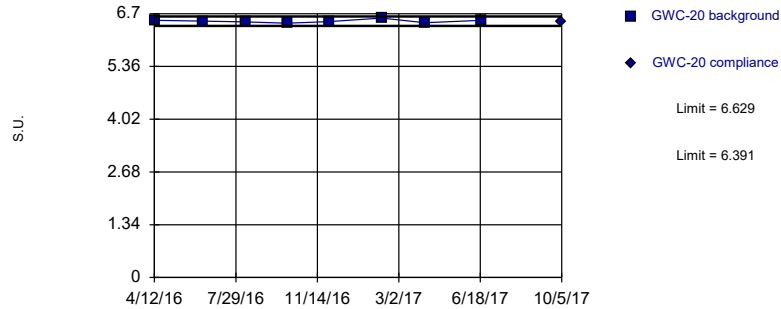


Background Data Summary: Mean=6.376, Std. Dev.=0.03309, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8032, critical = 0.73. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

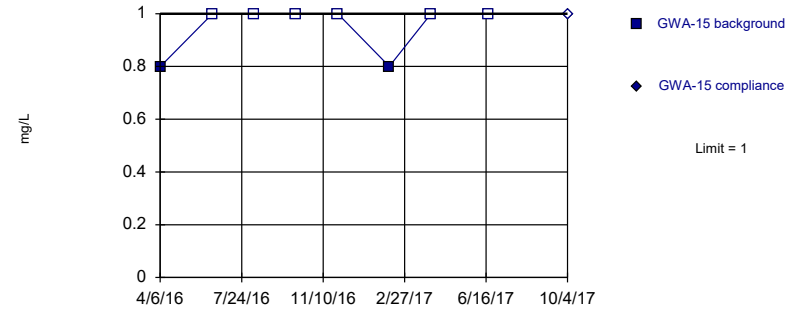


Background Data Summary: Mean=6.51, Std. Dev.=0.04106, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9378, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

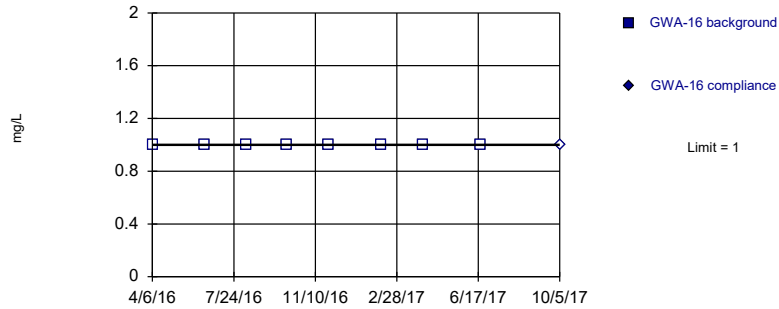


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

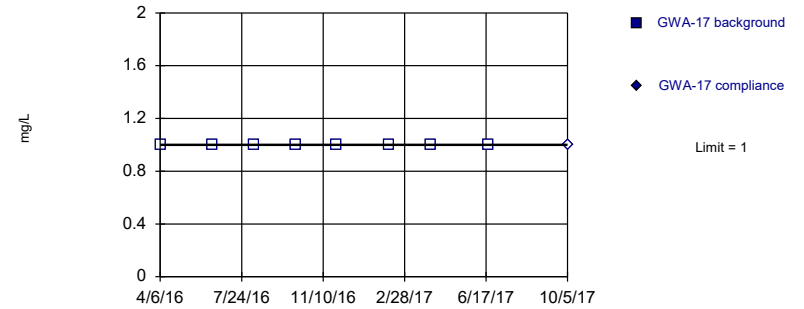


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

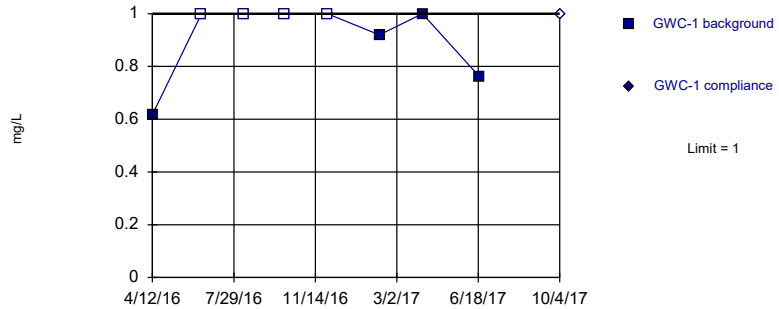


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

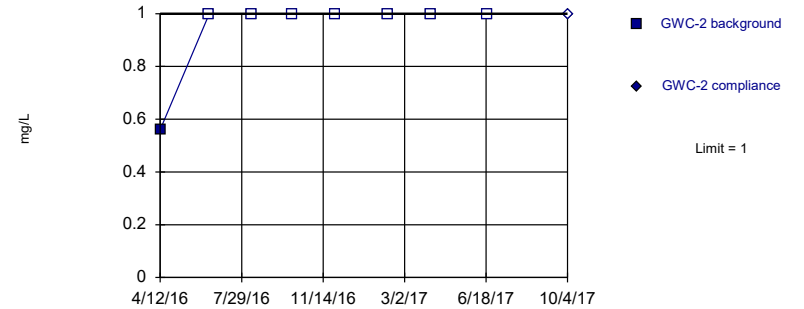


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. 50% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

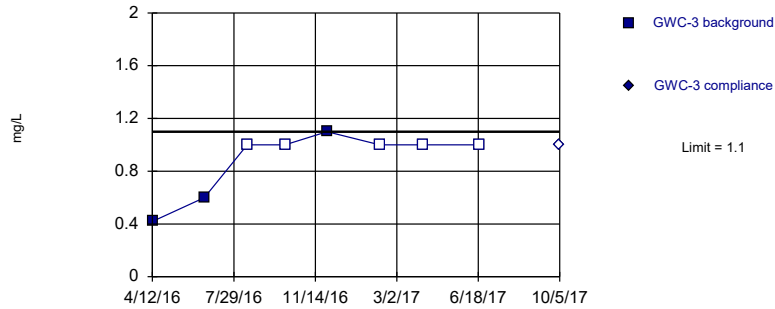
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

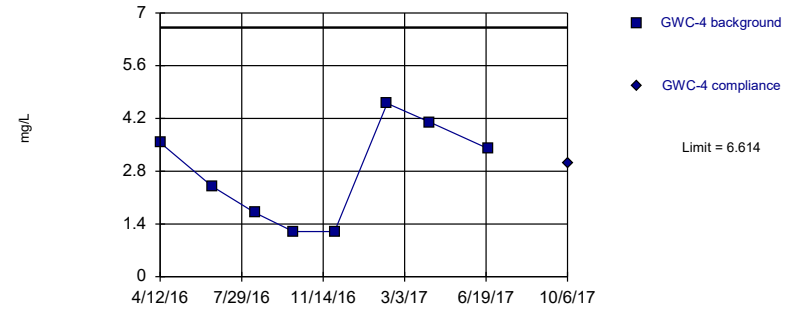
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

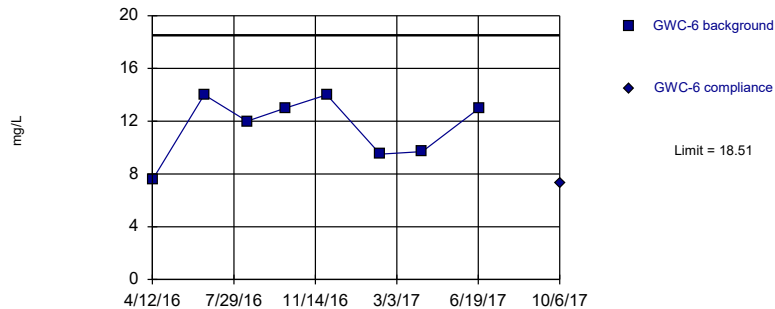
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.77, Std. Dev.=1.328, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9117, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

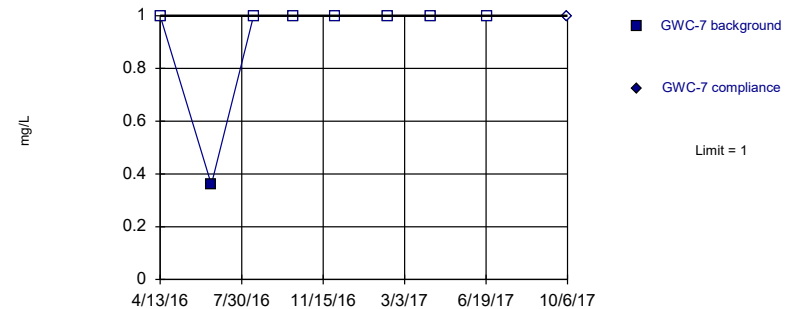
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=11.59, Std. Dev.=2.391, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8871, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

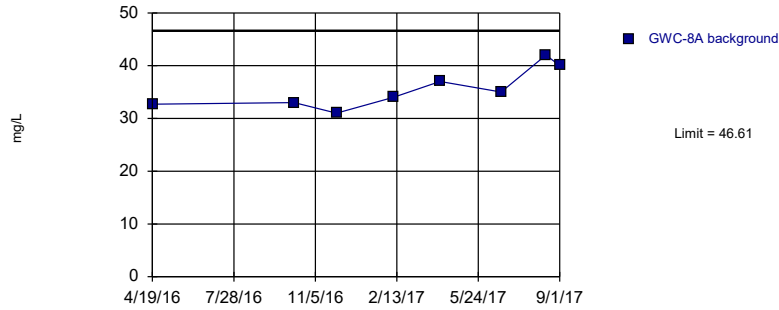
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

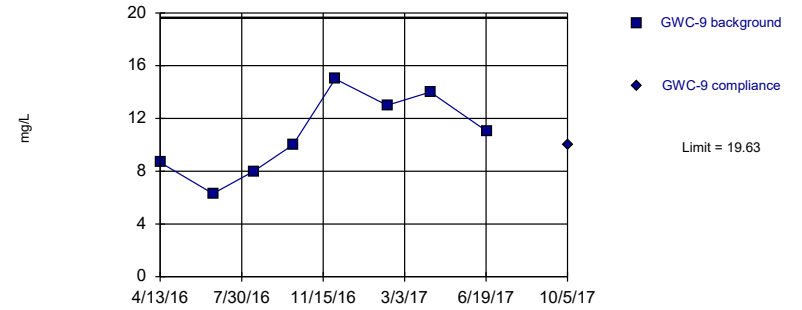
Prediction Limit
Intrawell Parametric, GWC-8A



Background Data Summary: Mean=35.59, Std. Dev.=3.808, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9306, critical = 0.749. Assumes 1 future value. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

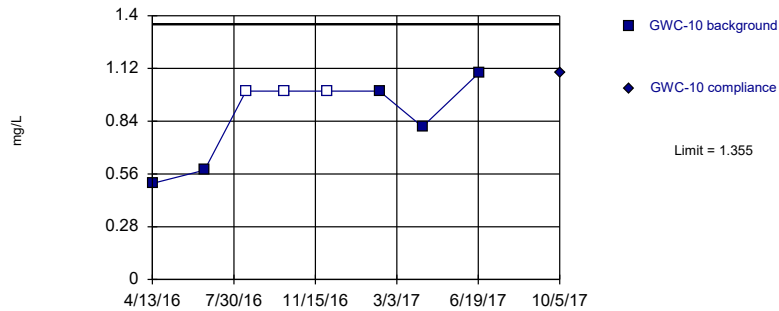
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=10.75, Std. Dev.=3.072, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9633, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

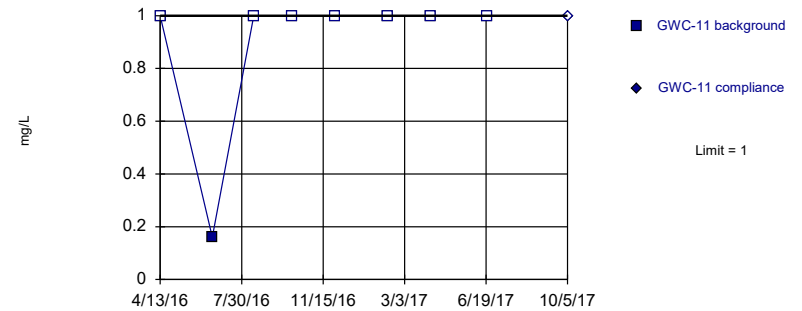
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.7375, Std. Dev.=0.2133, n=8, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8104, critical = 0.749. Kappa overridden to 2.894.

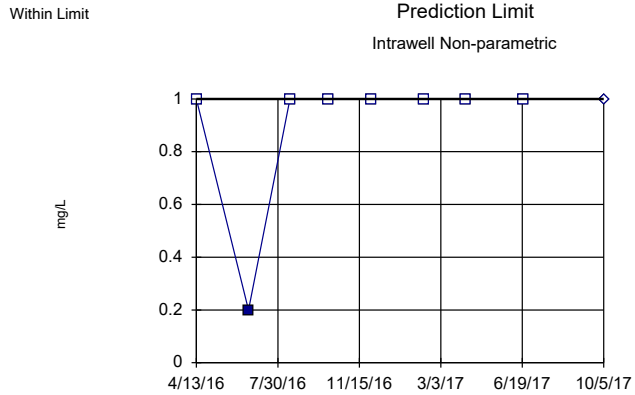
Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric



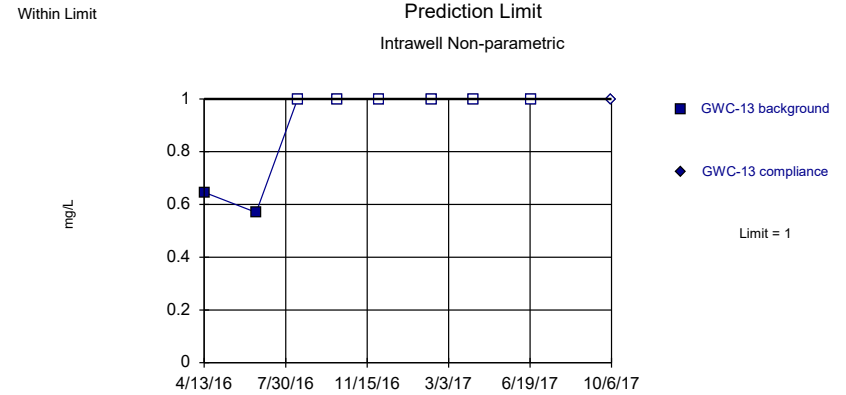
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR



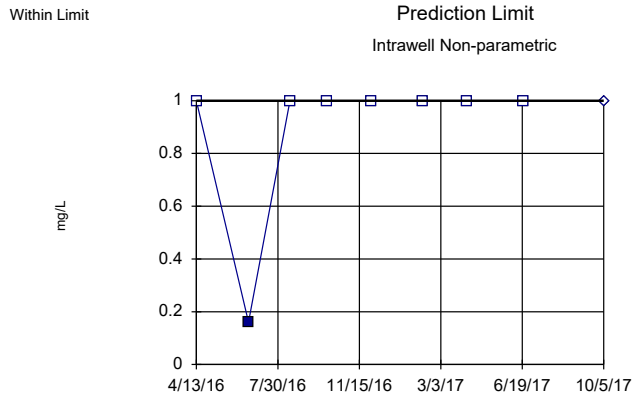
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR



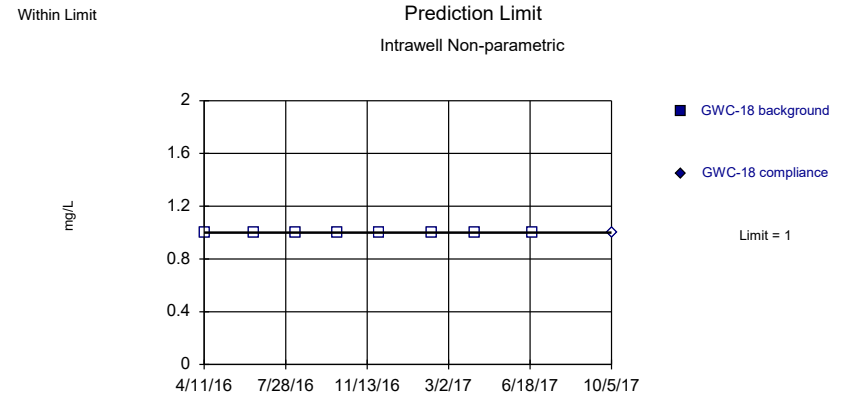
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

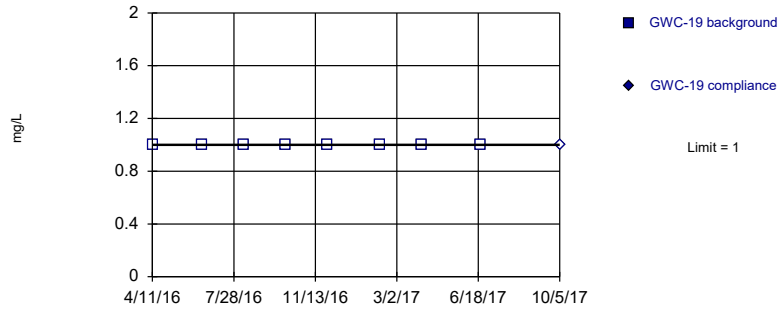
Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

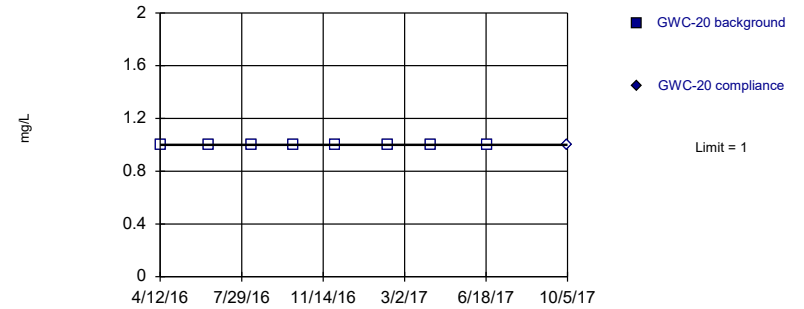
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

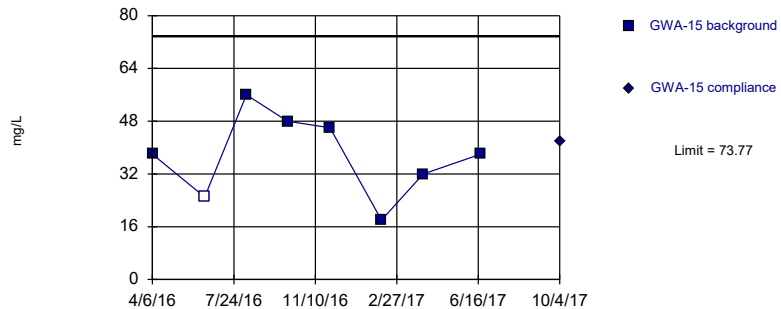
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

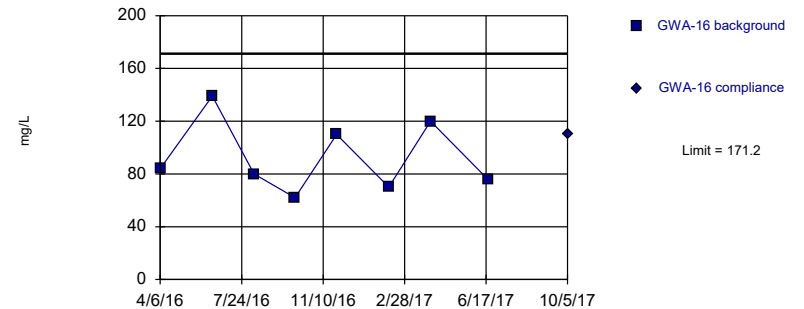
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=37.63, Std. Dev.=12.49, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9802, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

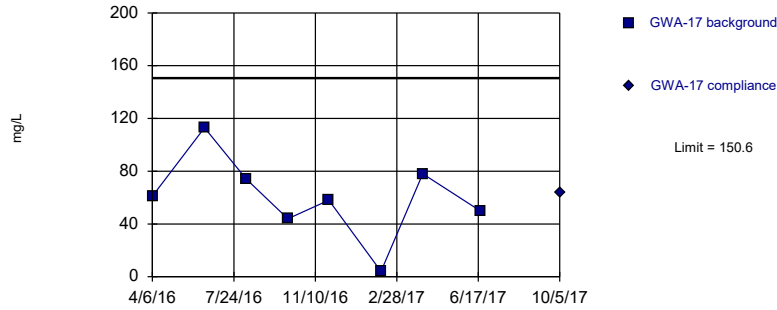
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=92.63, Std. Dev.=27.16, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9109, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

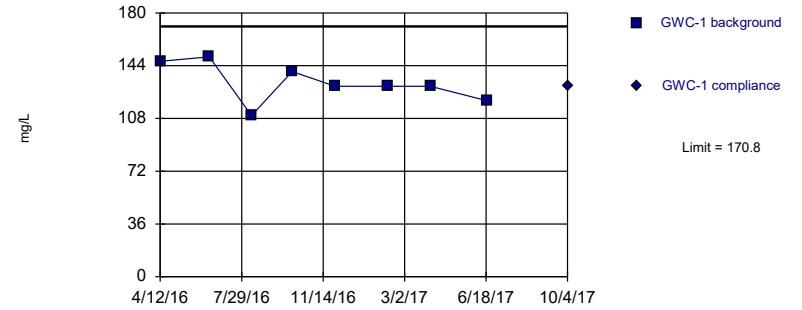
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=60.25, Std. Dev.=31.23, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9631, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

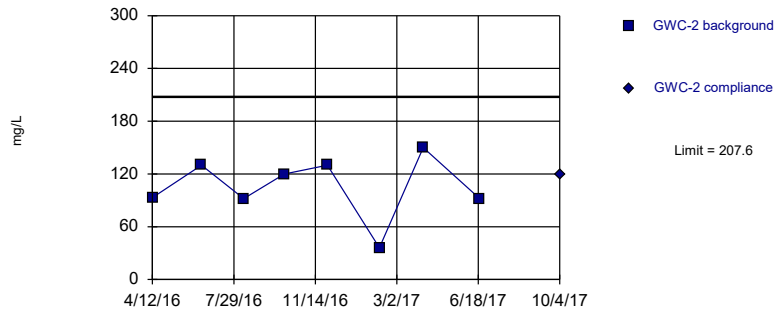
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=132.1, Std. Dev.=13.38, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9497, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

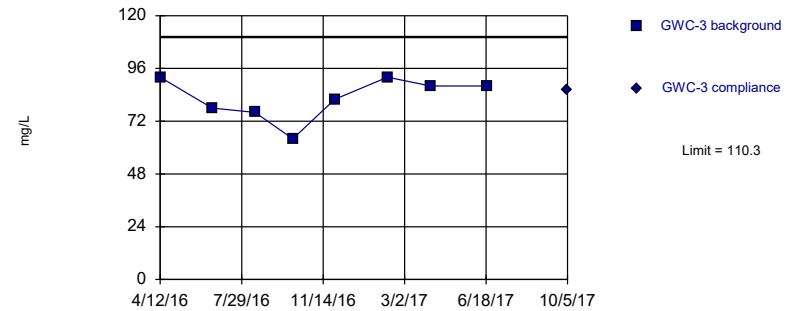
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=105.4, Std. Dev.=35.34, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9092, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Parametric

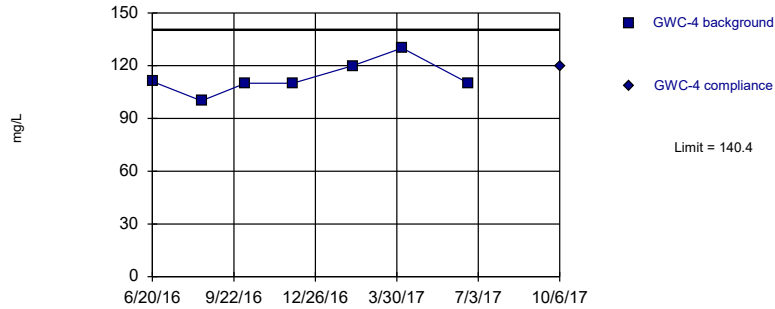


Background Data Summary: Mean=82.5, Std. Dev.=9.607, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8982, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

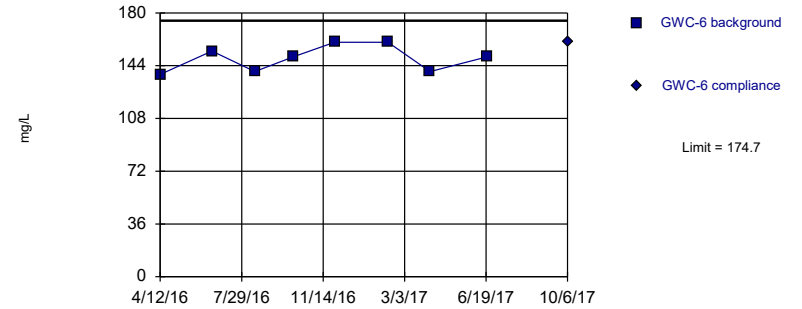


Background Data Summary: Mean=113, Std. Dev.=9.469, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.889, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

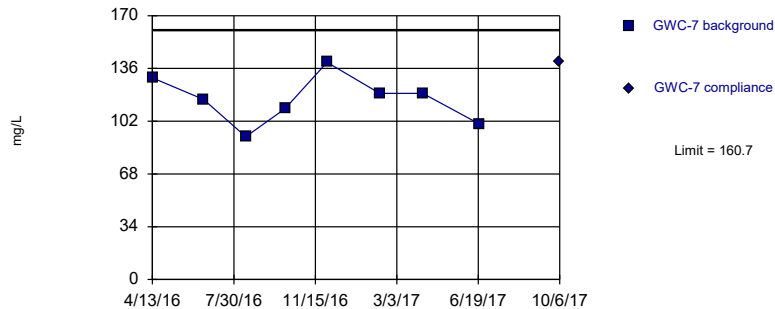


Background Data Summary: Mean=149, Std. Dev.=8.88, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8834, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

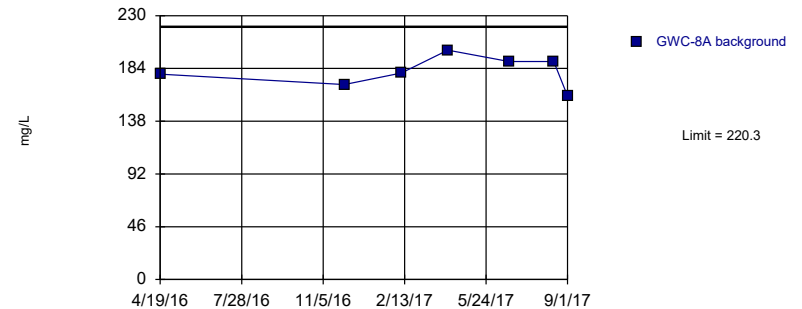


Background Data Summary: Mean=116, Std. Dev.=15.46, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9814, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

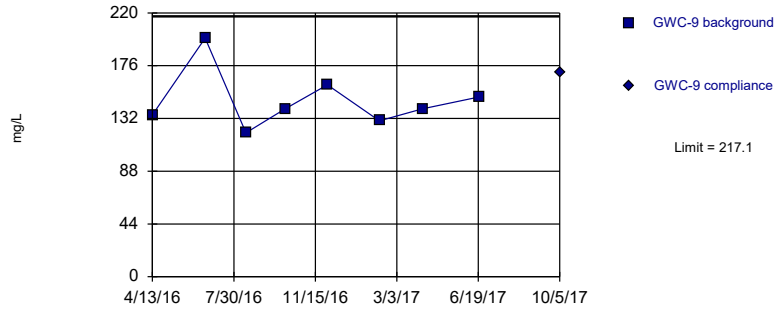
Prediction Limit
Intrawell Parametric, GWC-8A



Background Data Summary: Mean=181.3, Std. Dev.=13.47, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9716, critical = 0.73. Assumes 1 future value. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

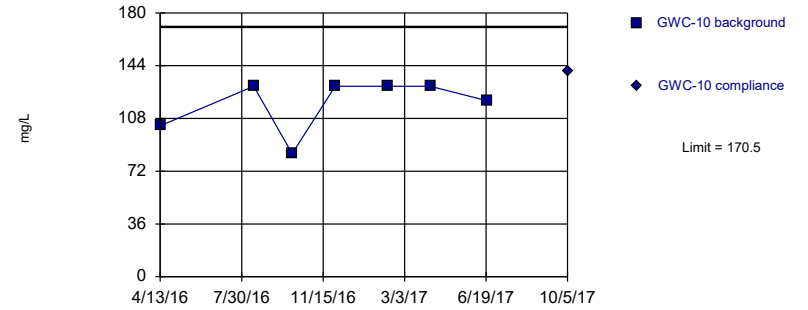
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=146.8, Std. Dev.=24.32, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8669, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

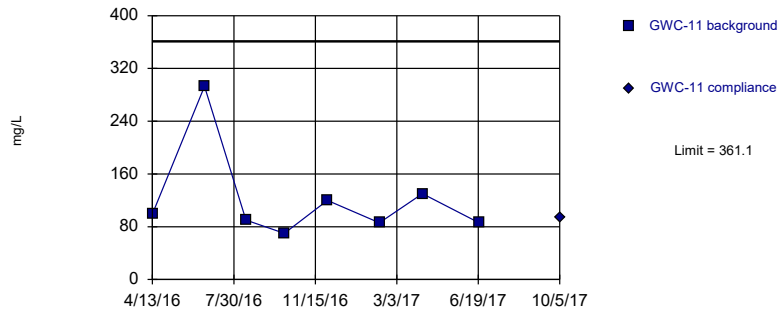
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=118.1, Std. Dev.=18.08, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7464, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Parametric

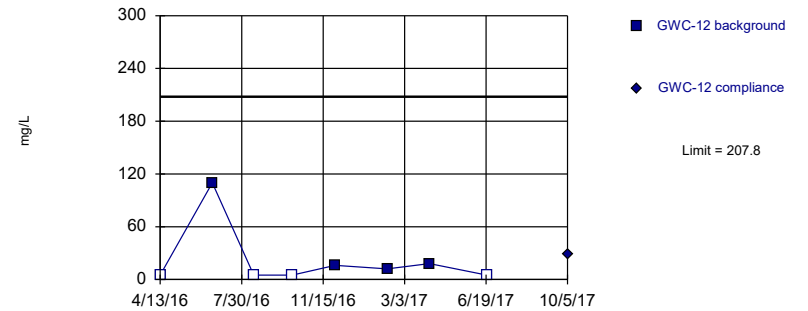


Background Data Summary (based on cube root transformation): Mean=4.837, Std. Dev.=0.7892, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7682, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

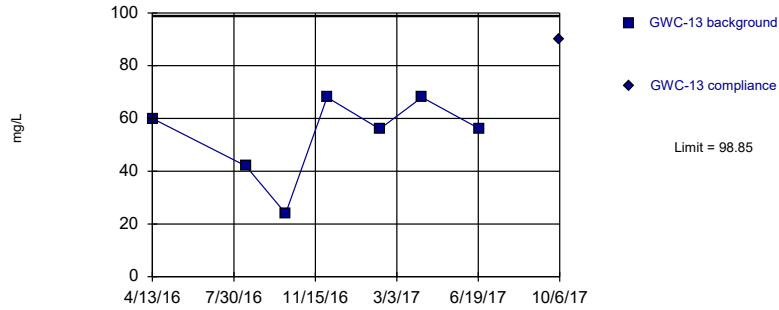
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=2.411, Std. Dev.=1.011, n=8, 50% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7814, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

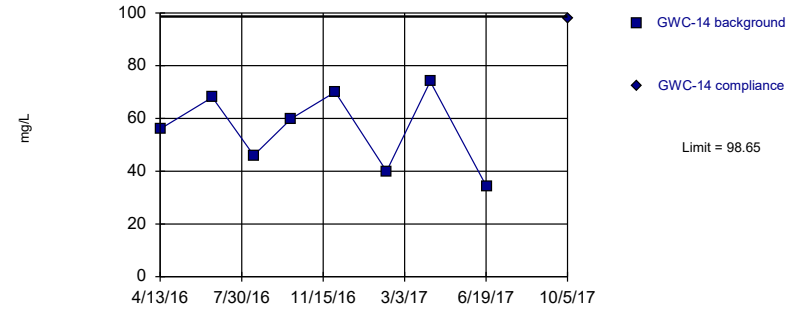
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=53.43, Std. Dev.=15.69, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8705, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

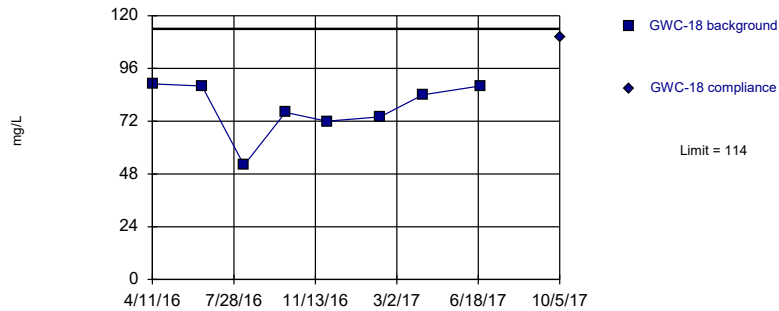
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=56, Std. Dev.=14.74, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.938, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

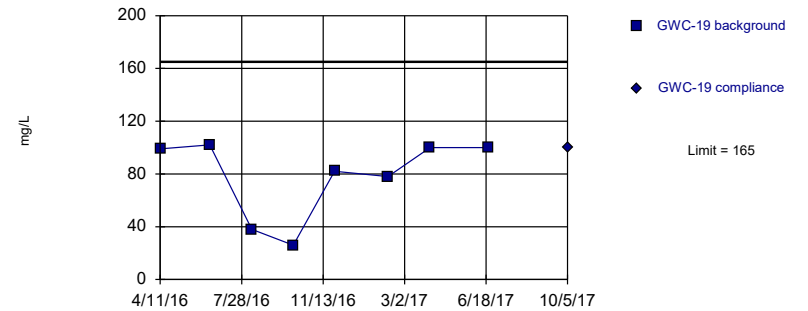
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=77.88, Std. Dev.=12.47, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8456, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Parametric

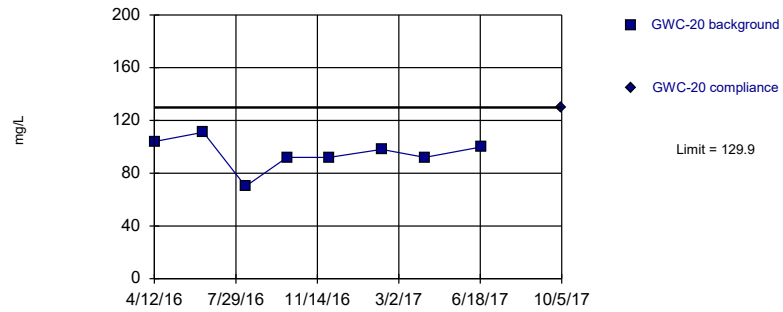


Background Data Summary: Mean=78.13, Std. Dev.=30.01, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7861, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=94.88, Std. Dev.=12.09, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 3/22/2018 1:53 PM View: LF App III Intra Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 4/16/2018, 9:35 AM

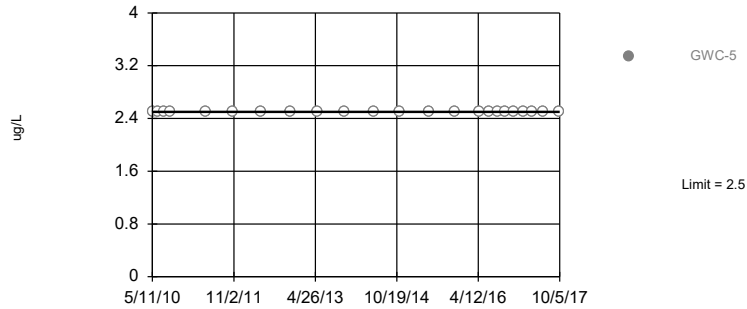
<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Barium, Total (ug/L)	GWC-5	48	n/a	10/5/2017	52	Yes	69	2.899	n/a	0.000...	NP Inter (normality) ...
Boron (mg/L)	GWC-5	0.05	n/a	10/5/2017	0.47	Yes	27	96.3	n/a	0.002162	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-5	16.32	n/a	10/5/2017	130	Yes	27	0	sqrt(x)	0.000...	Param Inter 1 of 2
Chloride (mg/L)	GWC-5	5.5	n/a	10/5/2017	67	Yes	27	0	n/a	0.002162	NP Inter (normality) ...
Selenium, Total (ug/L)	GWC-5	4.4	n/a	10/5/2017	38	Yes	69	91.3	n/a	0.000...	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-5	1	n/a	10/5/2017	380	Yes	27	92.59	n/a	0.002162	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-5	140.2	n/a	10/5/2017	950	Yes	27	3.704	No	0.000...	Param Inter 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 4/16/2018, 9:35 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony, Total (ug/L)	GWC-5	2.5	n/a	10/5/2017	2.5ND	No	69	98.55	n/a	0.000...	NP Inter (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-5	1.3	n/a	10/5/2017	1.3ND	No	69	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Barium, Total (ug/L)	GWC-5	48	n/a	10/5/2017	52	Yes	69	2.899	n/a	0.000...	NP Inter (normality) ...
Beryllium, Total (ug/L)	GWC-5	2.5	n/a	10/5/2017	2.5ND	No	69	98.55	n/a	0.000...	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-5	0.05	n/a	10/5/2017	0.47	Yes	27	96.3	n/a	0.002162	NP Inter (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-5	2.5	n/a	10/5/2017	2.5ND	No	69	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-5	16.32	n/a	10/5/2017	130	Yes	27	0	sqrt(x)	0.000...	Param Inter 1 of 2
Chloride (mg/L)	GWC-5	5.5	n/a	10/5/2017	67	Yes	27	0	n/a	0.002162	NP Inter (normality) ...
Chromium, Total (ug/L)	GWC-5	9	n/a	10/5/2017	2.9	No	68	35.29	n/a	0.000...	NP Inter (normality) ...
Cobalt, Total (ug/L)	GWC-5	3	n/a	10/5/2017	2.5ND	No	68	85.29	n/a	0.000...	NP Inter (NDs) 1 of 2
Copper (mg/L)	GWC-5	0.0025	n/a	10/5/2017	0.0025ND	No	54	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-5	0.2	n/a	10/5/2017	0.2ND	No	27	88.89	n/a	0.002162	NP Inter (NDs) 1 of 2
Lead, Total (ug/L)	GWC-5	5.1	n/a	10/5/2017	1.3ND	No	69	78.26	n/a	0.000...	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0002	n/a	10/5/2017	0.0002ND	No	69	88.41	n/a	0.000...	NP Inter (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.0025	n/a	10/5/2017	0.0025ND	No	54	98.15	n/a	0.000...	NP Inter (NDs) 1 of 2
pH (S.U.)	GWC-5	6.46	5.44	10/5/2017	5.64	No	27	0	n/a	0.004323	NP Inter (normality) ...
Selenium, Total (ug/L)	GWC-5	4.4	n/a	10/5/2017	38	Yes	69	91.3	n/a	0.000...	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-5	0.0013	n/a	10/5/2017	0.0013ND	No	54	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-5	1	n/a	10/5/2017	380	Yes	27	92.59	n/a	0.002162	NP Inter (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-5	0.5	n/a	10/5/2017	0.5ND	No	69	98.55	n/a	0.000...	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-5	140.2	n/a	10/5/2017	950	Yes	27	3.704	No	0.000...	Param Inter 1 of 2
Vanadium (mg/L)	GWC-5	0.013	n/a	10/5/2017	0.0025ND	No	54	37.04	n/a	0.000...	NP Inter (normality) ...
Zinc (mg/L)	GWC-5	0.02	n/a	10/5/2017	0.0078	No	54	96.3	n/a	0.000...	NP Inter (NDs) 1 of 2

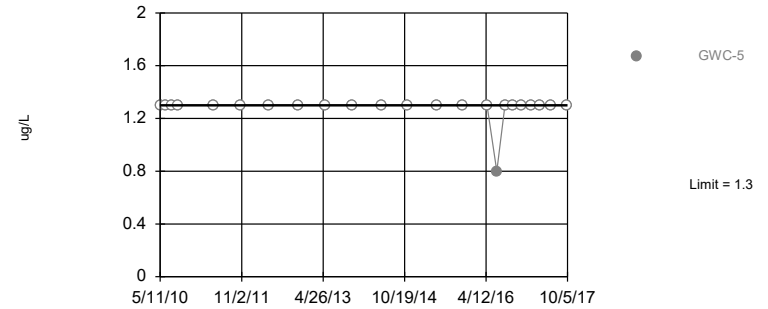
Within Limit Prediction Limit
 Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 69 background values. 98.55% NDs. Annual per-constituent alpha = 0.01327. Individual comparison alpha = 0.0003928 (1 of 2). Assumes 16 future values.

Constituent: Antimony, Total Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

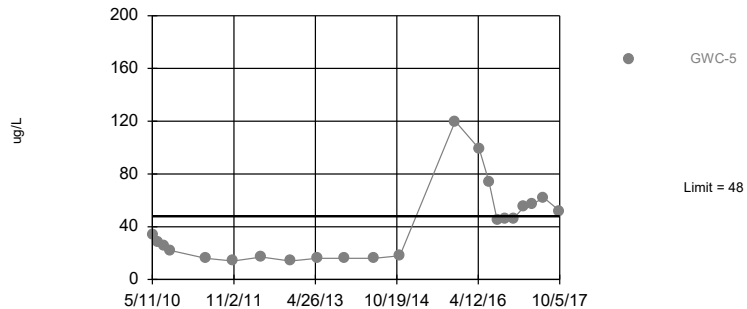
Within Limit Prediction Limit
 Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 69) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.01327. Individual comparison alpha = 0.0003928 (1 of 2). Assumes 16 future values.

Constituent: Arsenic, Total Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

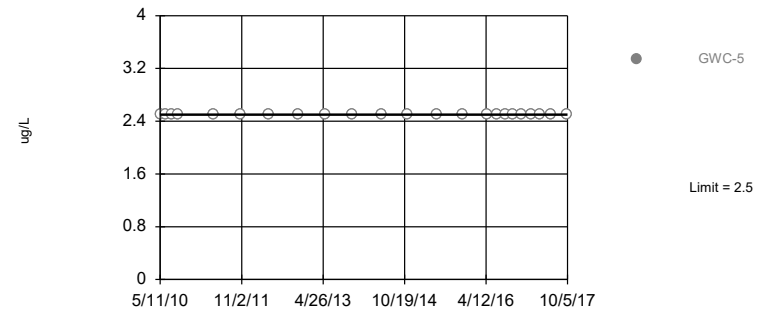
Exceeds Limit: GWC-5 Prediction Limit
 Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 69 background values. 2.899% NDs. Annual per-constituent alpha = 0.01327. Individual comparison alpha = 0.0003928 (1 of 2). Assumes 16 future values.

Constituent: Barium, Total Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
 Interwell Non-parametric

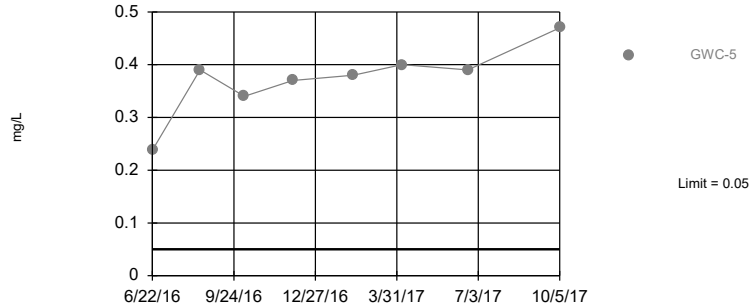


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 69 background values. 98.55% NDs. Annual per-constituent alpha = 0.01327. Individual comparison alpha = 0.0003928 (1 of 2). Assumes 16 future values.

Constituent: Beryllium, Total Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit
Interwell Non-parametric

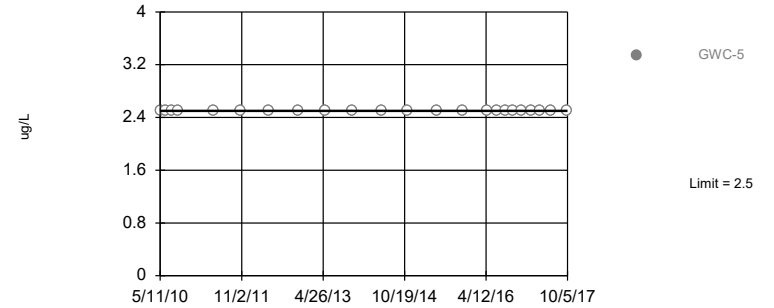


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 96.3% NDs. Annual per-constituent alpha = 0.07093. Individual comparison alpha = 0.002162 (1 of 2). Assumes 16 future values.

Constituent: Boron Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Interwell Non-parametric

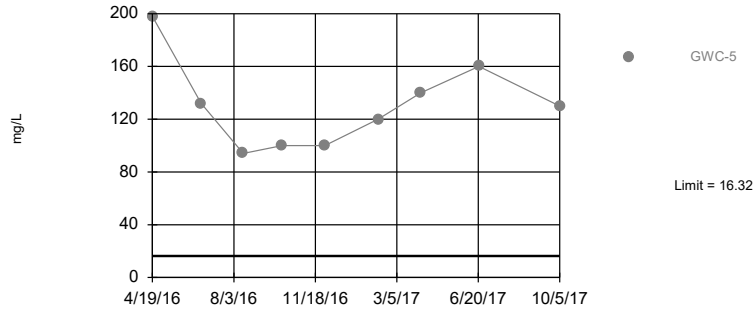


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 69) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.01327. Individual comparison alpha = 0.0003928 (1 of 2). Assumes 16 future values.

Constituent: Cadmium, Total Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit
Interwell Parametric

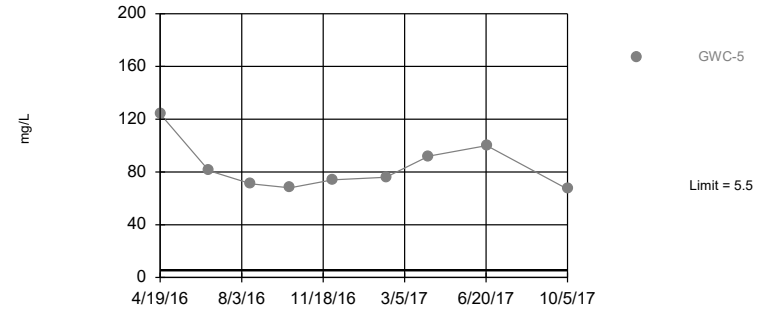


Background Data Summary (based on square root transformation): Mean=2.669, Std. Dev.=0.5929, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9076, critical = 0.894. Kappa = 2.313 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0004426. Assumes 16 future values.

Constituent: Calcium Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit
Interwell Non-parametric

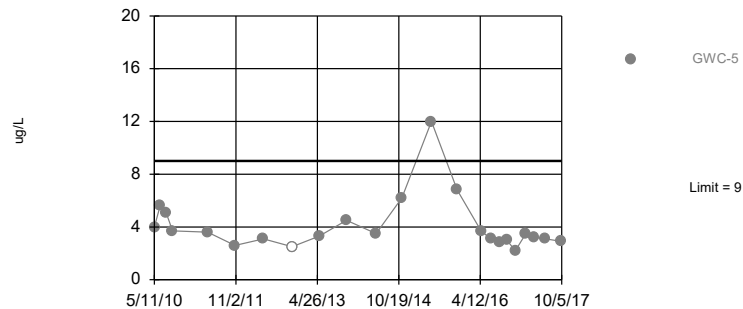


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 27 background values. Annual per-constituent alpha = 0.07093. Individual comparison alpha = 0.002162 (1 of 2). Assumes 16 future values.

Constituent: Chloride Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Interwell Non-parametric

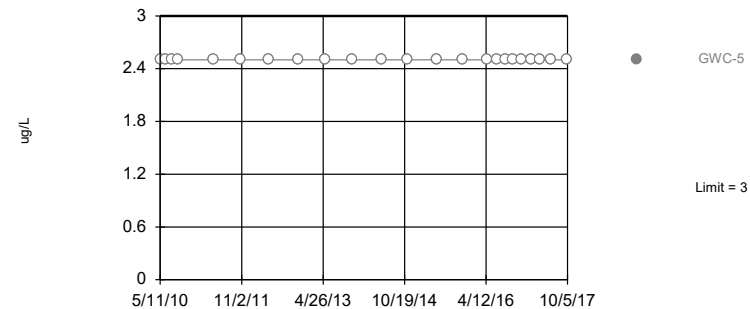


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 68 background values. 35.29% NDs. Annual per-constituent alpha = 0.0137. Individual comparison alpha = 0.0004056 (1 of 2). Assumes 16 future values.

Constituent: Chromium, Total Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Interwell Non-parametric

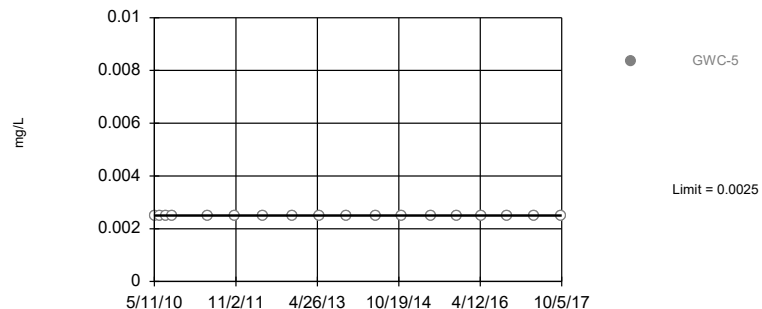


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 68 background values. 85.29% NDs. Annual per-constituent alpha = 0.0137. Individual comparison alpha = 0.0004056 (1 of 2). Assumes 16 future values.

Constituent: Cobalt, Total Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Interwell Non-parametric

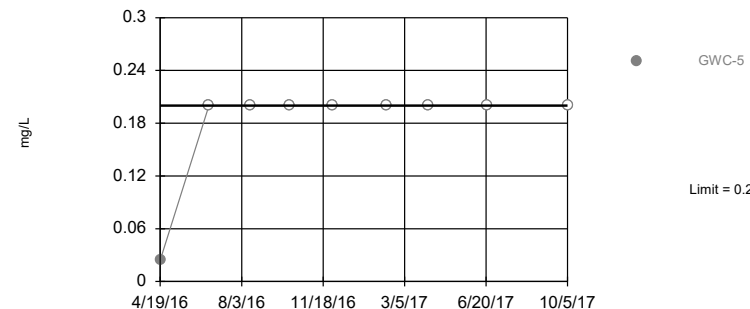


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 54) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.02128. Individual comparison alpha = 0.0006323 (1 of 2). Assumes 16 future values.

Constituent: Copper Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Interwell Non-parametric

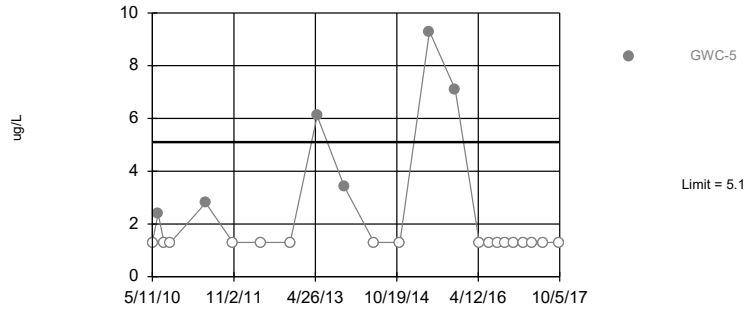


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 88.89% NDs. Annual per-constituent alpha = 0.07093. Individual comparison alpha = 0.002162 (1 of 2). Assumes 16 future values.

Constituent: Fluoride Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Interwell Non-parametric

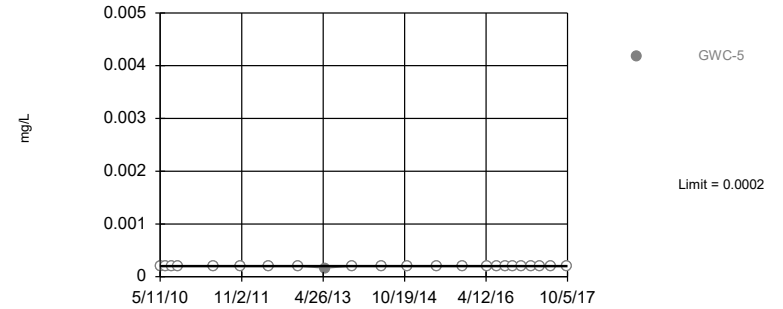


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 69 background values. 78.26% NDs. Annual per-constituent alpha = 0.01327. Individual comparison alpha = 0.0003928 (1 of 2). Assumes 16 future values.

Constituent: Lead, Total Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Interwell Non-parametric

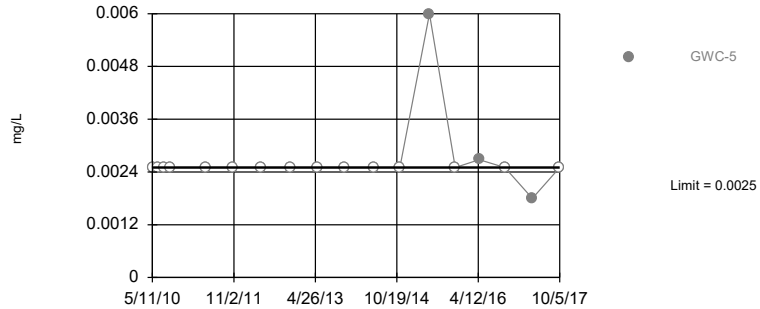


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 69 background values. 88.41% NDs. Annual per-constituent alpha = 0.01327. Individual comparison alpha = 0.0003928 (1 of 2). Assumes 16 future values.

Constituent: Mercury Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Interwell Non-parametric

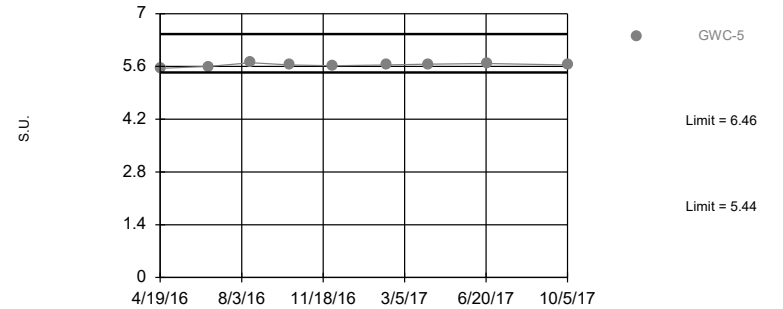


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 54 background values. 98.15% NDs. Annual per-constituent alpha = 0.02128. Individual comparison alpha = 0.0006323 (1 of 2). Assumes 16 future values.

Constituent: Nickel Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Interwell Non-parametric



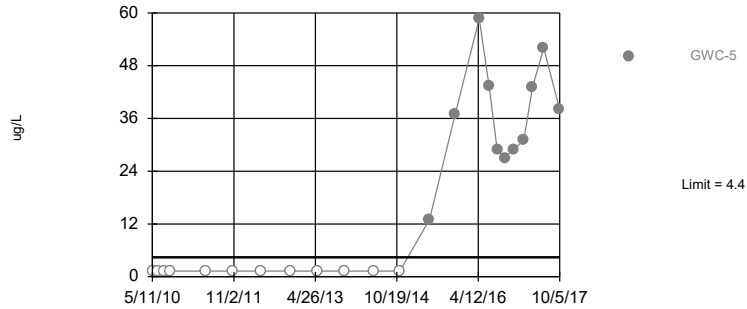
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 27 background values. Annual per-constituent alpha = 0.1419. Individual comparison alpha = 0.004323 (1 of 2). Assumes 16 future values.

Constituent: pH Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Exceeds Limit: GWC-5

Prediction Limit
Interwell Non-parametric



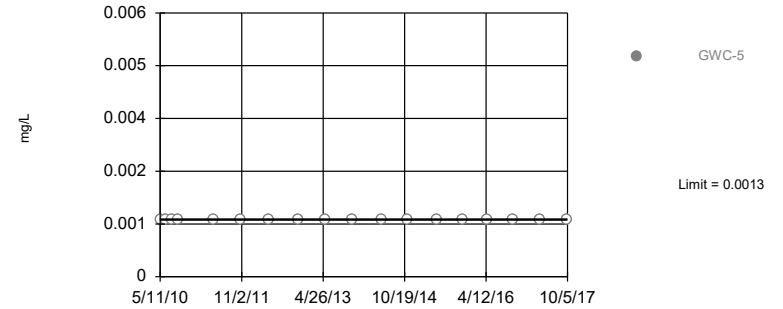
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 69 background values. 91.3% NDs. Annual per-constituent alpha = 0.01327. Individual comparison alpha = 0.0003928 (1 of 2). Assumes 16 future values.

Constituent: Selenium, Total Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Interwell Non-parametric



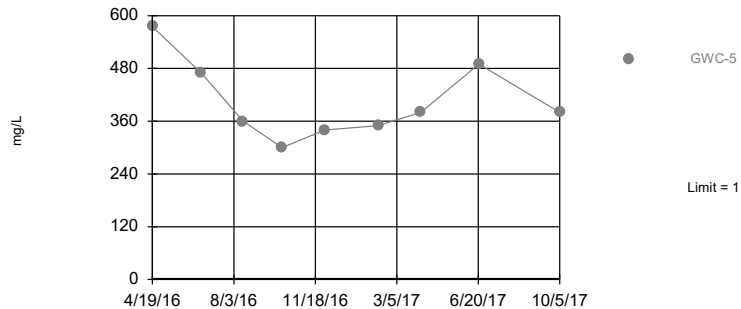
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 54) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.02128. Individual comparison alpha = 0.0006323 (1 of 2). Assumes 16 future values.

Constituent: Silver Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Exceeds Limit: GWC-5

Prediction Limit
Interwell Non-parametric



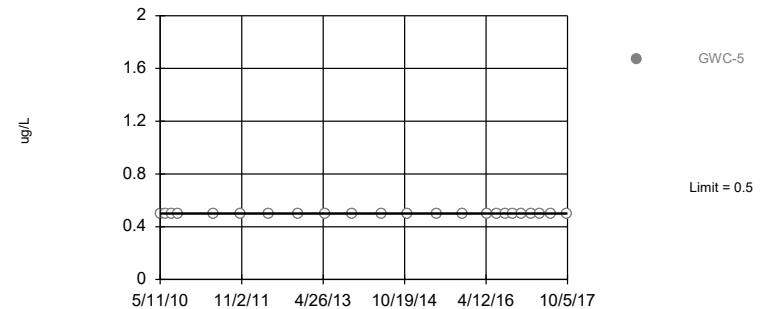
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.59% NDs. Annual per-constituent alpha = 0.07093. Individual comparison alpha = 0.002162 (1 of 2). Assumes 16 future values.

Constituent: Sulfate Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG

Within Limit

Prediction Limit
Interwell Non-parametric

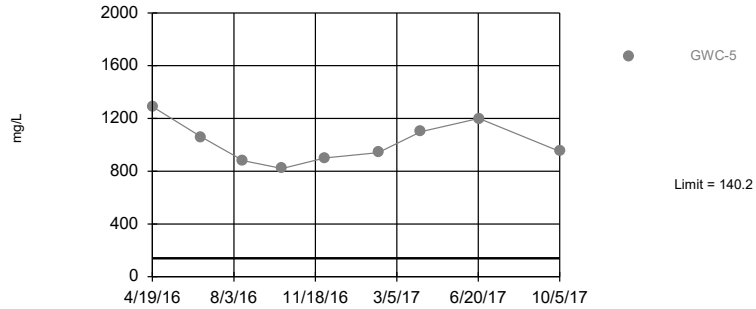


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 69 background values. 98.55% NDs. Annual per-constituent alpha = 0.01327. Individual comparison alpha = 0.0003928 (1 of 2). Assumes 16 future values.

Constituent: Thallium, Total Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit
Interwell Parametric

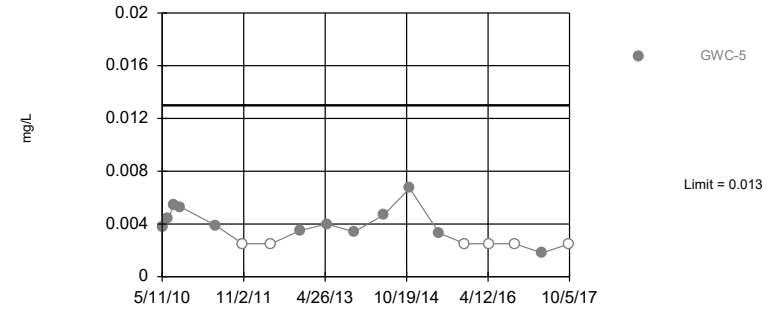


Background Data Summary: Mean=64.44, Std. Dev.=32.76, n=27, 3.704% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9678, critical = 0.894. Kappa = 2.313 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0004426. Assumes 16 future values.

Constituent: Total Dissolved Solids Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Interwell Non-parametric

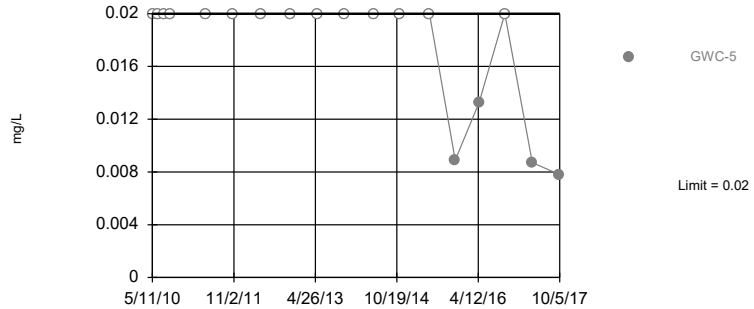


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 54 background values. 37.04% NDs. Annual per-constituent alpha = 0.02128. Individual comparison alpha = 0.0006323 (1 of 2). Assumes 16 future values.

Constituent: Vanadium Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 54 background values. 96.3% NDs. Annual per-constituent alpha = 0.02128. Individual comparison alpha = 0.0006323 (1 of 2). Assumes 16 future values.

Constituent: Zinc Analysis Run 4/16/2018 9:21 AM View: GWC-5 Inter Well PL
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

INTRA-WELL STATISTICAL ANALYSES

PAC ASH CELL

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 4/12/2018, 12:34 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Calcium (mg/L)	GWA-49	14.2	n/a	10/10/2017	15	Yes	7	0	n/a	0.02765	NP Intra (normality) ...
Calcium (mg/L)	GWC-52	13	n/a	10/11/2017	15	Yes	6	0	n/a	0.03391	NP Intra (normality) ...
pH (S.U.)	GWA-21	5.892	5.68	10/9/2017	5.61	Yes	8	0	No	0.000229	Param Intra 1 of 2
Sulfate (mg/L)	GWA-21	2.236	n/a	10/9/2017	2.5	Yes	8	12.5	No	0.000458	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 4/12/2018, 12:34 PM

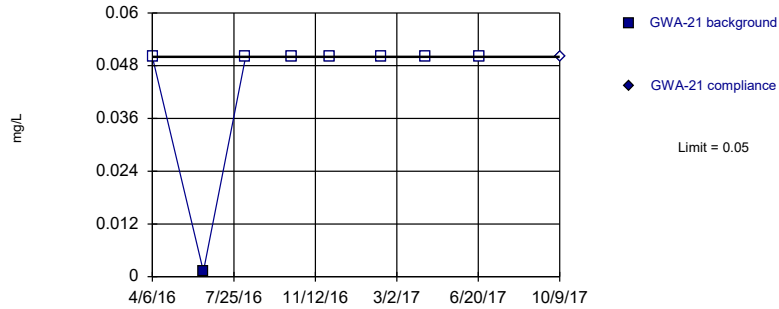
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Boron (mg/L)	GWA-21	0.05	n/a	10/9/2017	0.05ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-22	0.05	n/a	10/9/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-45	1.032	n/a	10/10/2017	0.79	No	8	0	No	0.000458	Param Intra 1 of 2
Boron (mg/L)	GWA-46	0.05	n/a	10/10/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-47	0.05	n/a	10/10/2017	0.05ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.05	n/a	10/10/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-49	0.05	n/a	10/10/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.05	n/a	10/10/2017	0.05ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-50	0.05	n/a	10/10/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-51	0.05	n/a	10/11/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-52	0.05	n/a	10/11/2017	0.05ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.12	n/a	10/11/2017	1.1	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-21	12.64	n/a	10/9/2017	9.4	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-22	9.757	n/a	10/9/2017	5.8	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-45	47.03	n/a	10/10/2017	40	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-46	7.155	n/a	10/10/2017	5.8	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	12.37	n/a	10/10/2017	11	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-48	14.7	n/a	10/10/2017	13	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-49	14.2	n/a	10/10/2017	15	Yes	7	0	n/a	0.02765	NP Intra (normality) ...
Calcium (mg/L)	GWC-29	10.47	n/a	10/10/2017	10	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-50	8.352	n/a	10/10/2017	7.3	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-51	8.174	n/a	10/11/2017	6.9	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	13	n/a	10/11/2017	15	Yes	6	0	n/a	0.03391	NP Intra (normality) ...
Calcium (mg/L)	GWC-53	21.11	n/a	10/11/2017	19	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-21	4.12	n/a	10/9/2017	3.5	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-22	6.389	n/a	10/9/2017	3.4	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-45	11.24	n/a	10/10/2017	9.8	No	8	0	x^2	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-46	3.557	n/a	10/10/2017	3.5	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-47	1.813	n/a	10/10/2017	1.4	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-48	2.008	n/a	10/10/2017	1.6	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-49	2.536	n/a	10/10/2017	2	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-29	4.329	n/a	10/10/2017	3.3	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-50	2.225	n/a	10/10/2017	1.9	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-51	7.154	n/a	10/11/2017	6.5	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-52	8.927	n/a	10/11/2017	7.9	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-53	10.14	n/a	10/11/2017	10	No	7	0	No	0.000458	Param Intra 1 of 2
Fluoride (mg/L)	GWA-21	0.2	n/a	10/9/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.2	n/a	10/9/2017	0.2ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.2	n/a	10/10/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.2	n/a	10/10/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.2	n/a	10/10/2017	0.2ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.2	n/a	10/10/2017	0.2ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-49	0.2	n/a	10/10/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.2	n/a	10/10/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.2	n/a	10/10/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.2	n/a	10/11/2017	0.2ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.2	n/a	10/11/2017	0.2ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.2	n/a	10/11/2017	0.2ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-21	5.892	5.68	10/9/2017	5.61	Yes	8	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-22	6.398	5.422	10/9/2017	5.52	No	8	0	No	0.000229	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 4/12/2018, 12:34 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
pH (S.U.)	GWA-45	6.323	5.757	10/10/2017	6	No	7	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-46	6.025	5.597	10/10/2017	5.81	No	8	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-47	6.553	6.257	10/10/2017	6.44	No	8	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-48	6.915	6.485	10/10/2017	6.7	No	8	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-49	6.986	6.594	10/10/2017	6.84	No	8	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-29	5.907	5.673	10/10/2017	5.82	No	8	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-50	5.922	5.683	10/10/2017	5.76	No	8	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-51	5.932	5.71	10/11/2017	5.83	No	8	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-52	6.709	6.501	10/11/2017	6.61	No	8	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-53	5.697	5.425	10/11/2017	5.51	No	8	0	No	0.000229	Param Intra 1 of 2
Sulfate (mg/L)	GWA-21	2.236	n/a	10/9/2017	2.5	Yes	8	12.5	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-22	1	n/a	10/9/2017	1ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	192.8	n/a	10/10/2017	160	No	8	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	1	n/a	10/10/2017	1ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	1	n/a	10/10/2017	1ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	1.756	n/a	10/10/2017	0.92	No	8	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-49	1	n/a	10/10/2017	1ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	2.954	n/a	10/10/2017	2.5	No	8	12.5	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWC-50	1	n/a	10/10/2017	1ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-51	1	n/a	10/11/2017	1ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	16.13	n/a	10/11/2017	13	No	7	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWC-53	178.5	n/a	10/11/2017	160	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-21	117.2	n/a	10/9/2017	82	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-22	131.8	n/a	10/9/2017	50	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-45	319.8	n/a	10/10/2017	280	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-46	96.35	n/a	10/10/2017	34	No	8	12.5	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-47	125.9	n/a	10/10/2017	68	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-48	133.1	n/a	10/10/2017	70	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-49	125.1	n/a	10/10/2017	100	No	7	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-29	132.7	n/a	10/10/2017	86	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-50	123.7	n/a	10/10/2017	44	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-51	96.73	n/a	10/11/2017	56	No	7	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-52	149.8	n/a	10/11/2017	120	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-53	293.1	n/a	10/11/2017	280	No	8	0	No	0.000458	Param Intra 1 of 2

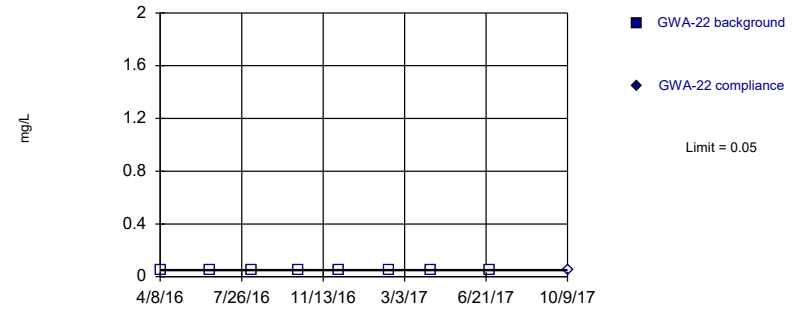
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

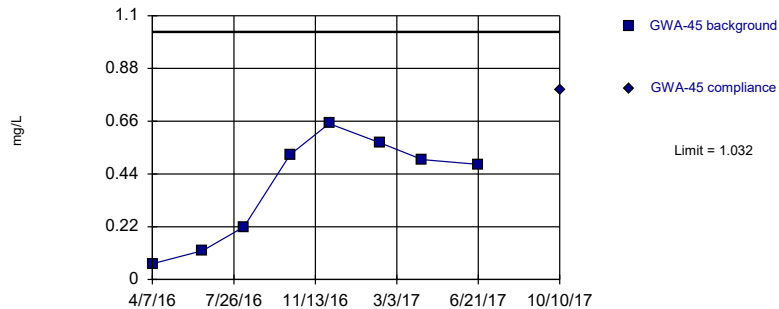
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

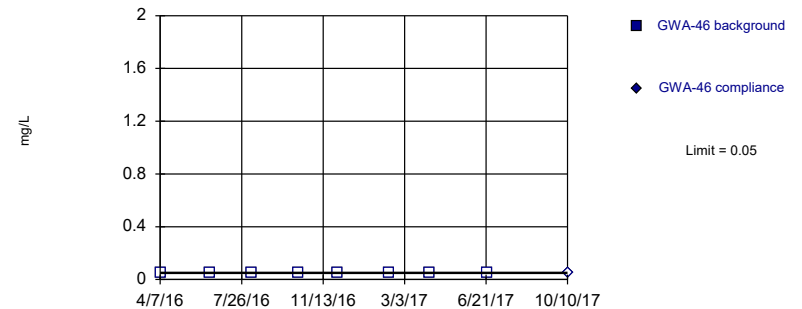
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.3907, Std. Dev.=0.2217, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8773, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric

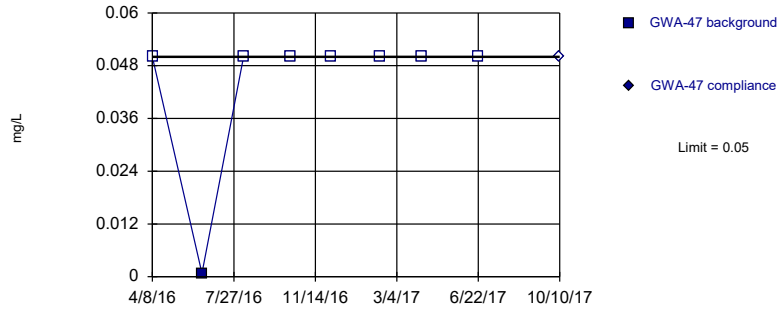


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

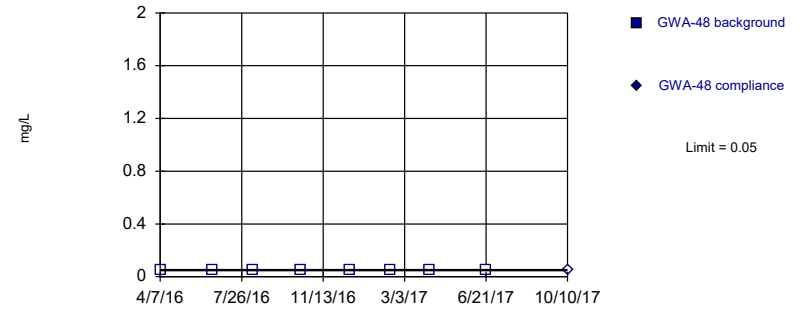


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

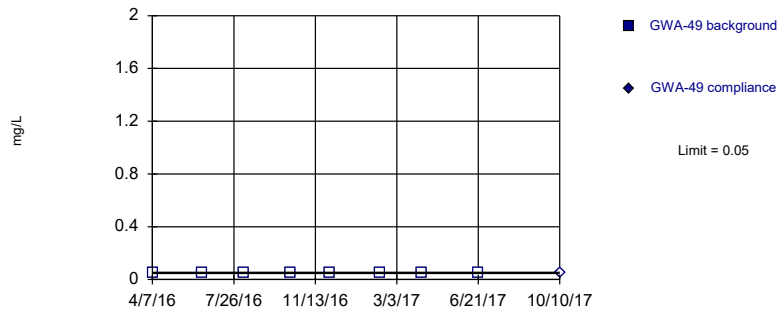


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

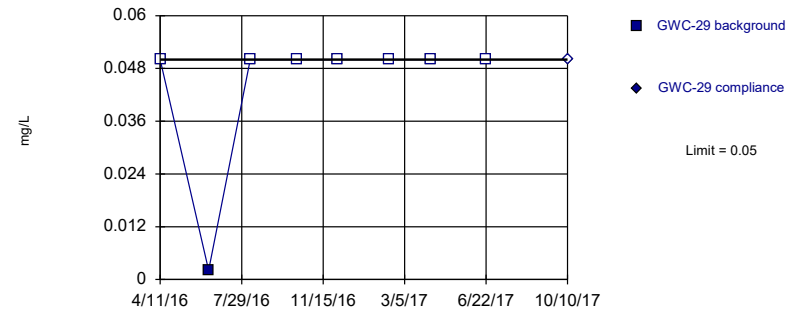


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

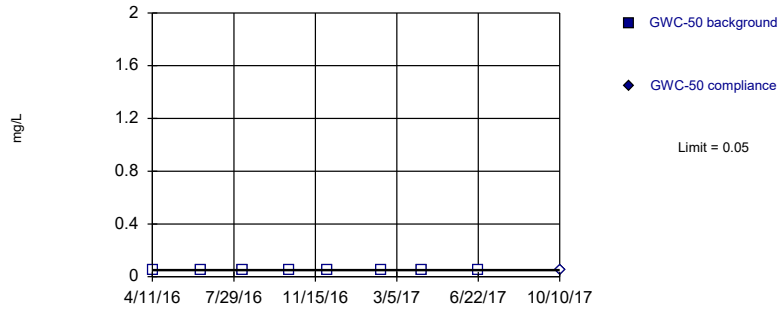
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

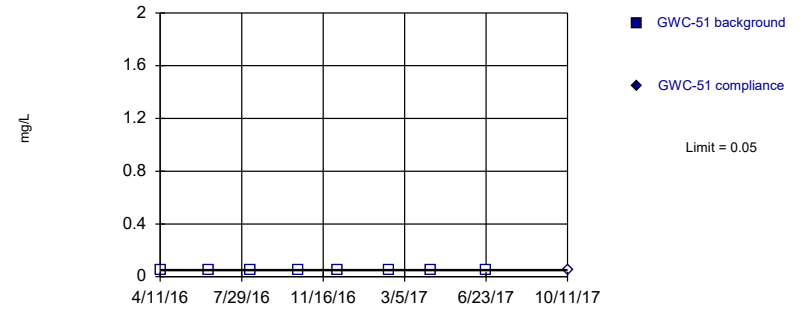
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

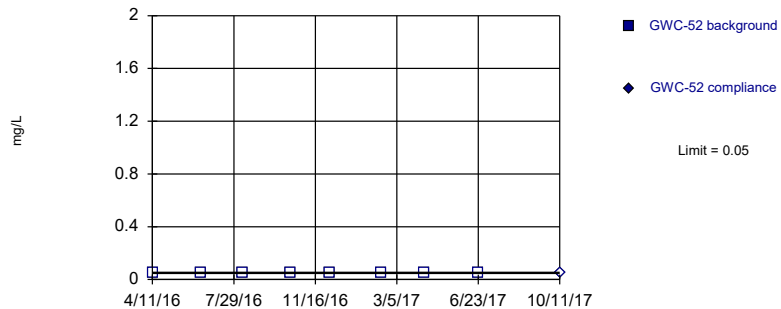
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

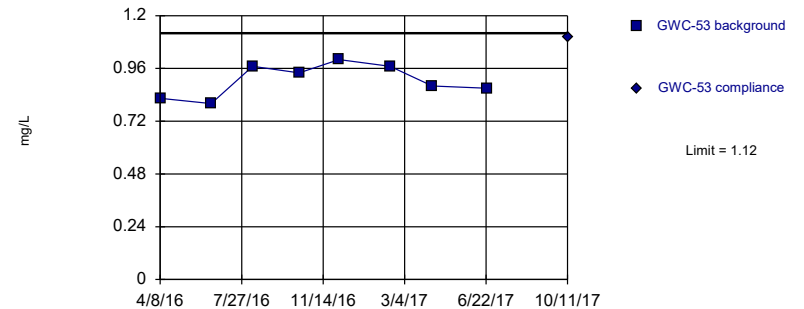
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric

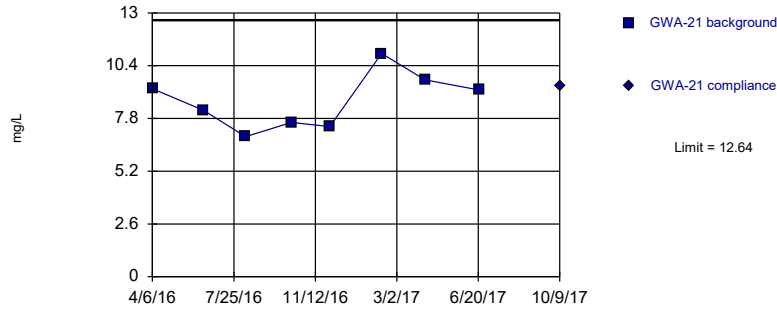


Background Data Summary: Mean=0.9068, Std. Dev.=0.07379, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9277, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

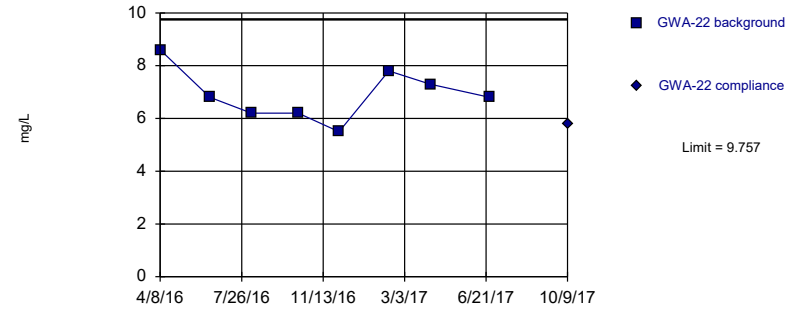


Background Data Summary: Mean=8.659, Std. Dev.=1.375, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9551, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

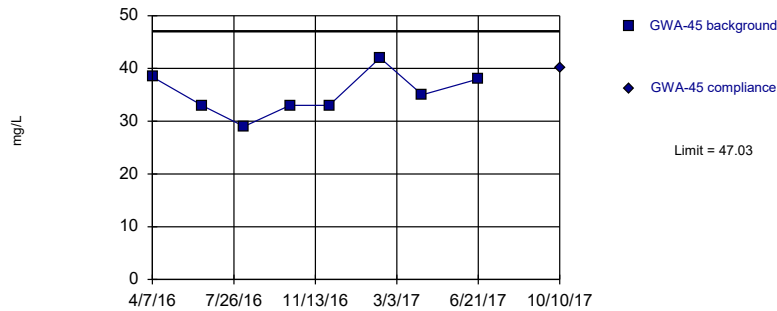


Background Data Summary: Mean=6.9, Std. Dev.=0.9871, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9715, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

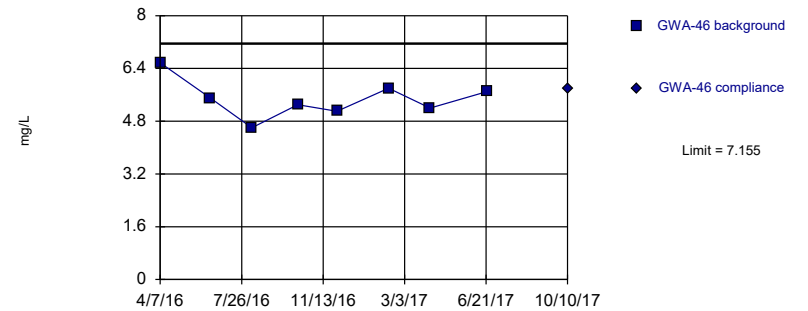


Background Data Summary: Mean=35.16, Std. Dev.=4.102, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9526, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

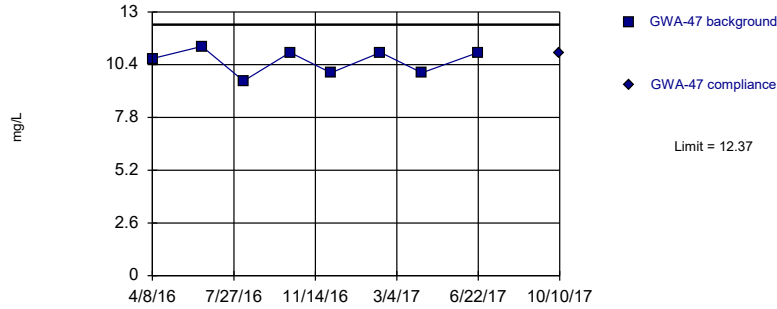
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=5.471, Std. Dev.=0.5817, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9654, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

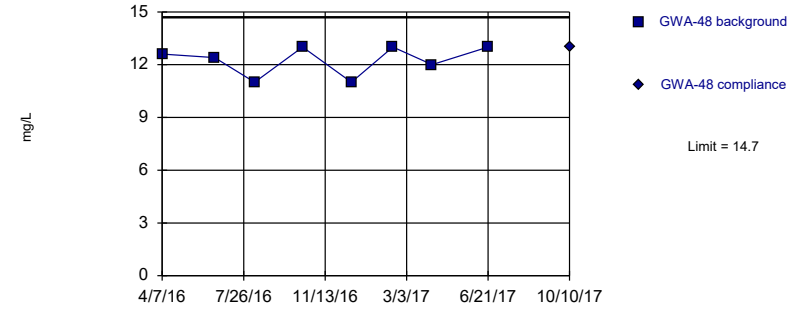
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=10.58, Std. Dev.=0.6205, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8759, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

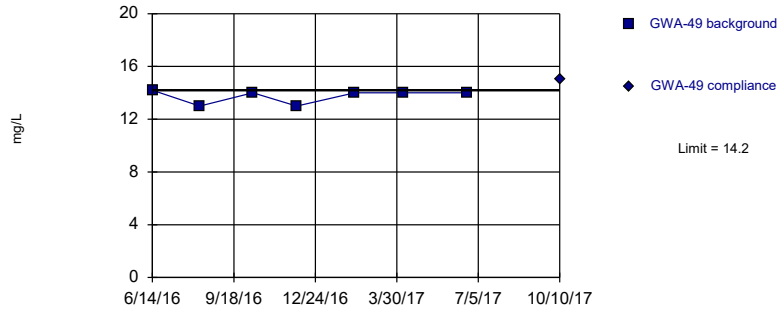
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=12.25, Std. Dev.=0.8468, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8199, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

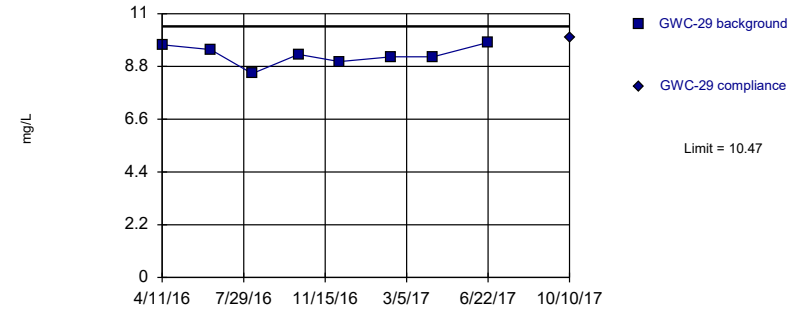
Exceeds Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 7 background values. Well-constituent pair annual alpha = 0.05455. Individual comparison alpha = 0.02765 (1 of 2).

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric

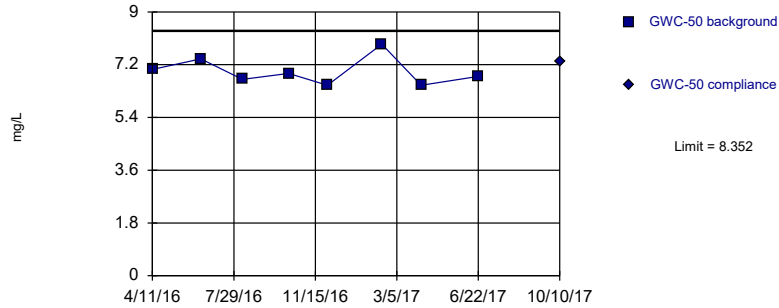


Background Data Summary: Mean=9.275, Std. Dev.=0.4132, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9512, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

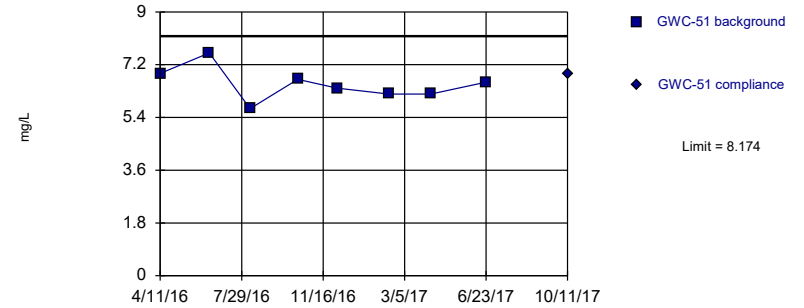


Background Data Summary: Mean=6.968, Std. Dev.=0.4786, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8936, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

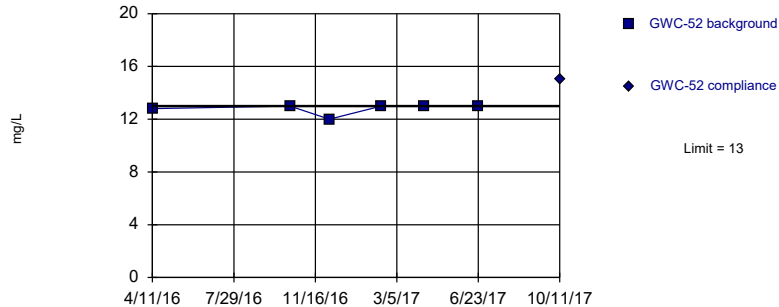


Background Data Summary: Mean=6.538, Std. Dev.=0.5655, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9649, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

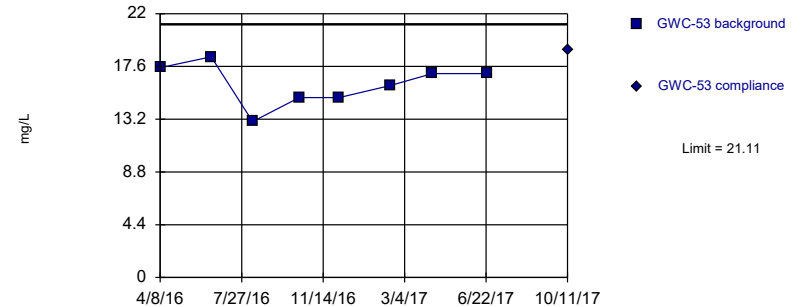


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 6 background values. Well-constituent pair annual alpha = 0.06667. Individual comparison alpha = 0.03391 (1 of 2).

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

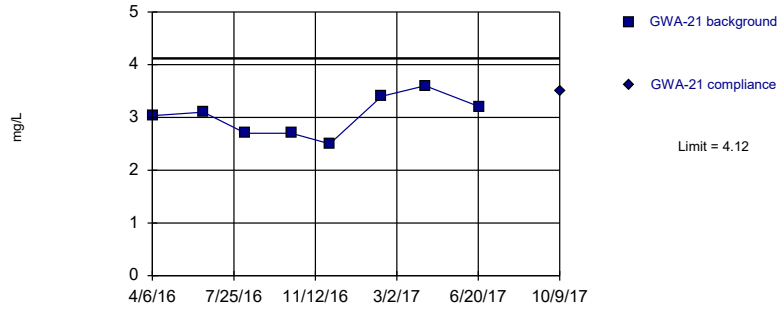
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=16.11, Std. Dev.=1.728, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.953, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

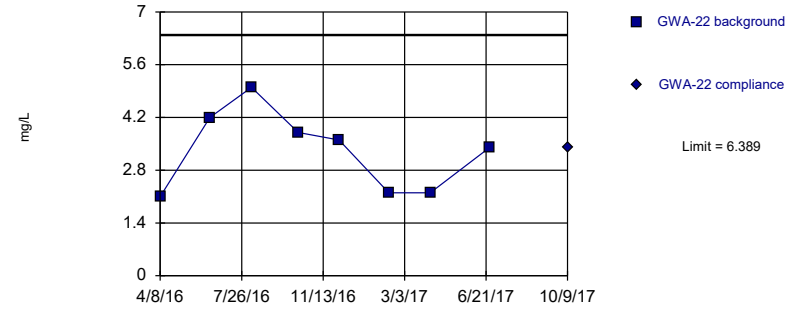
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.029, Std. Dev.=0.3769, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9621, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

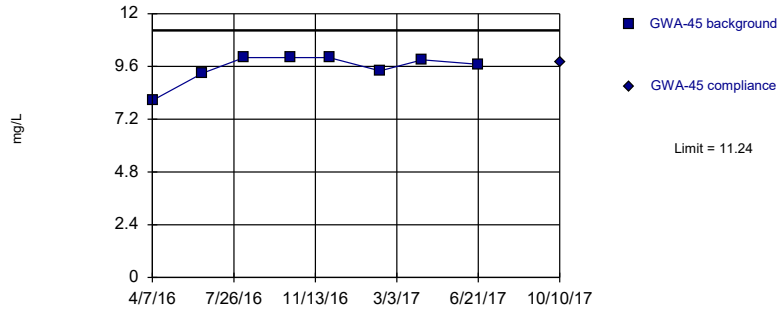
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.313, Std. Dev.=1.063, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9068, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

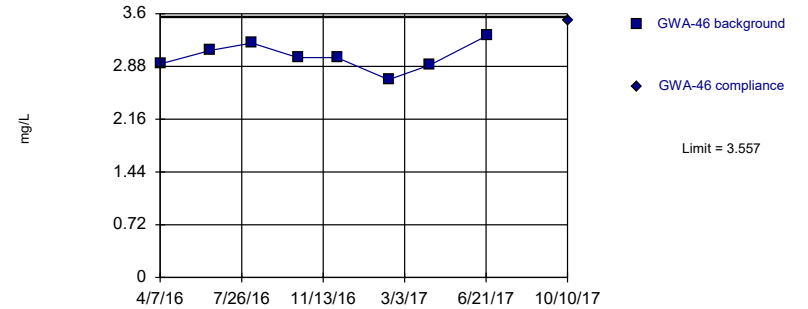
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on square transformation): Mean=91.47, Std. Dev.=12.03, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7639, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric

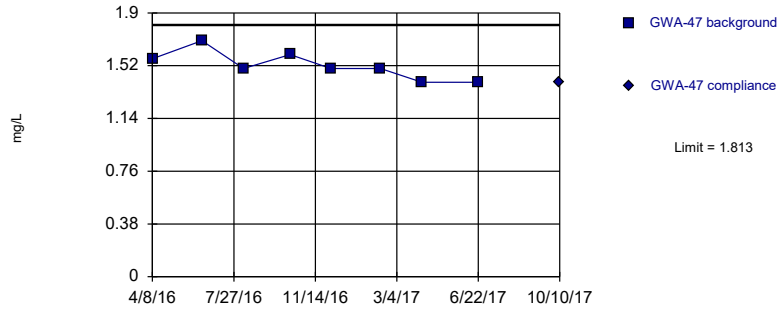


Background Data Summary: Mean=3.014, Std. Dev.=0.1874, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9788, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

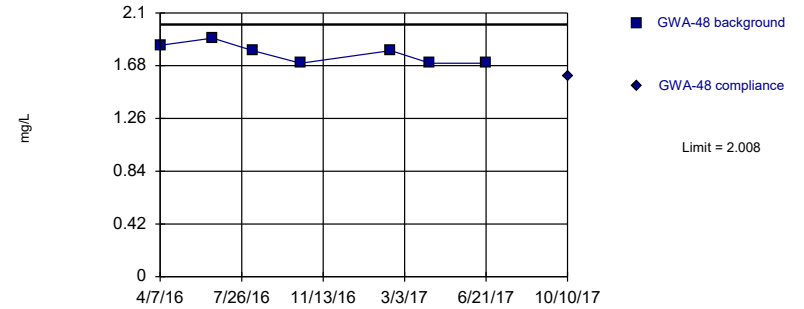


Background Data Summary: Mean=1.521, Std. Dev.=0.1009, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9268, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

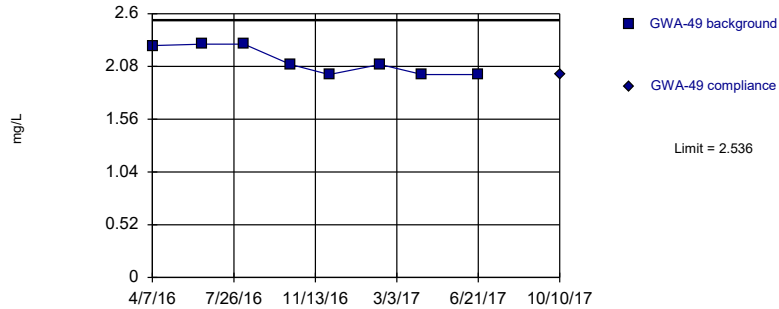


Background Data Summary: Mean=1.777, Std. Dev.=0.07979, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8644, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

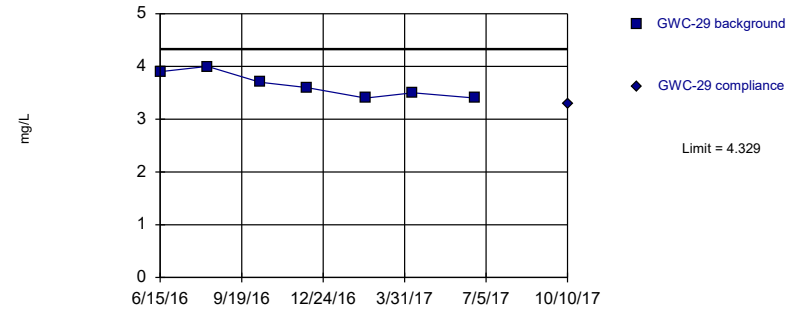


Background Data Summary: Mean=2.136, Std. Dev.=0.1384, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7934, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

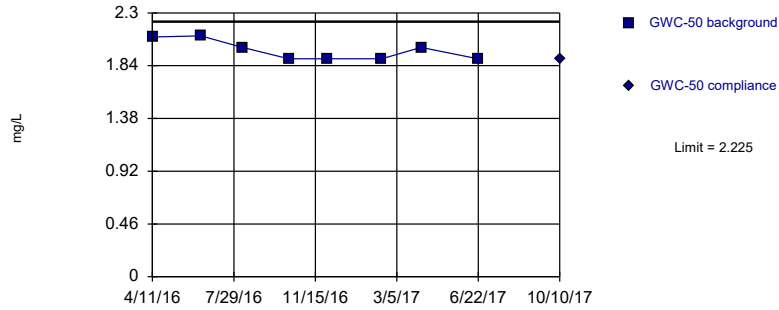
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.643, Std. Dev.=0.237, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9089, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

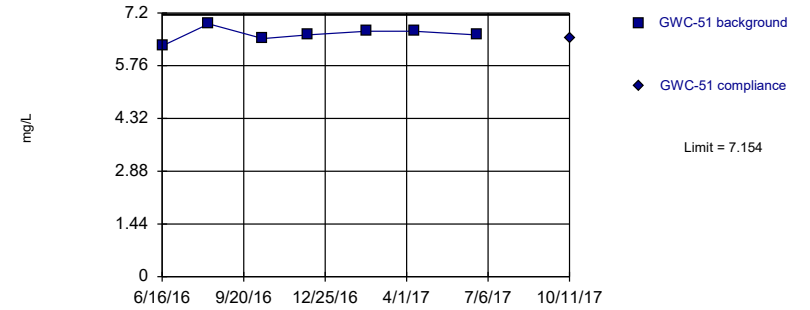
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.974, Std. Dev.=0.08667, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7929, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

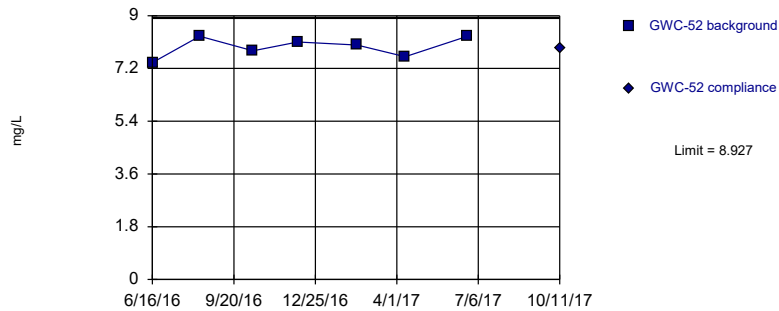
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.614, Std. Dev.=0.1864, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9649, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

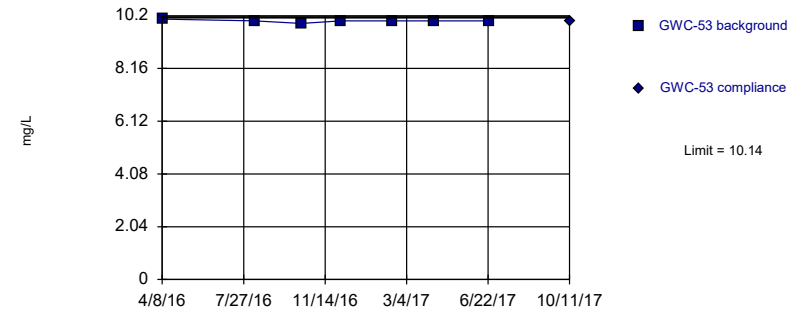
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=7.929, Std. Dev.=0.345, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9303, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric

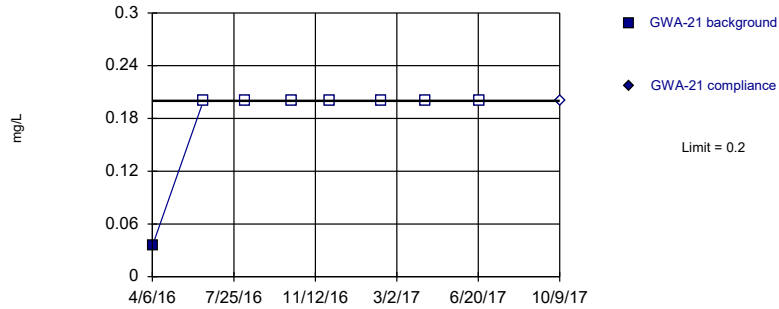


Background Data Summary: Mean=9.995, Std. Dev.=0.04839, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7528, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

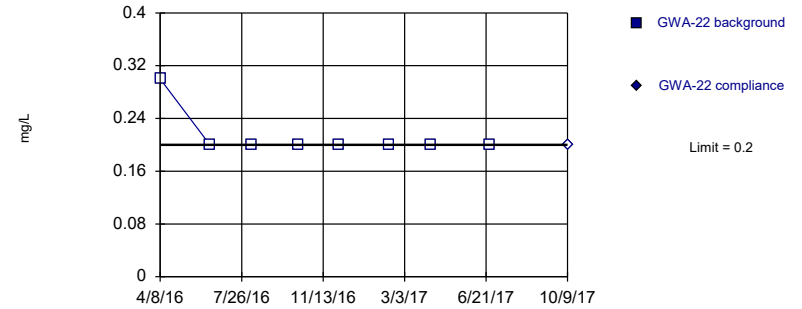


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

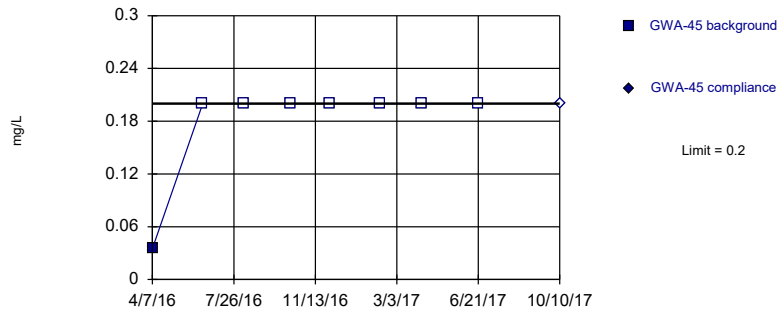


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

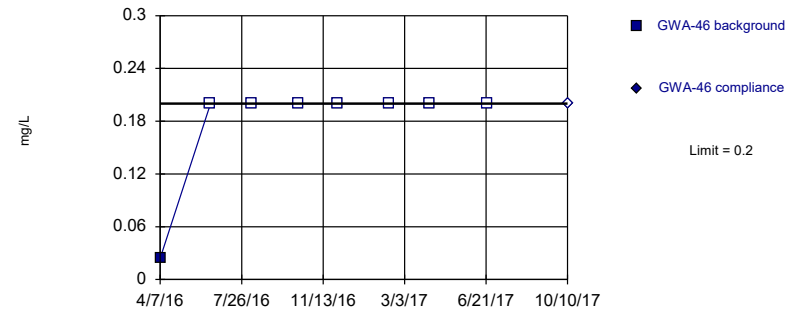


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

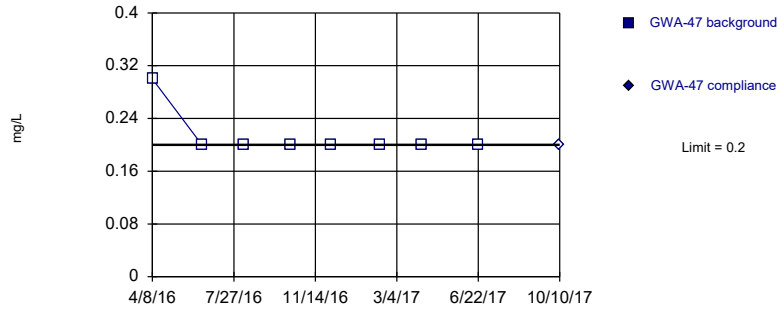


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

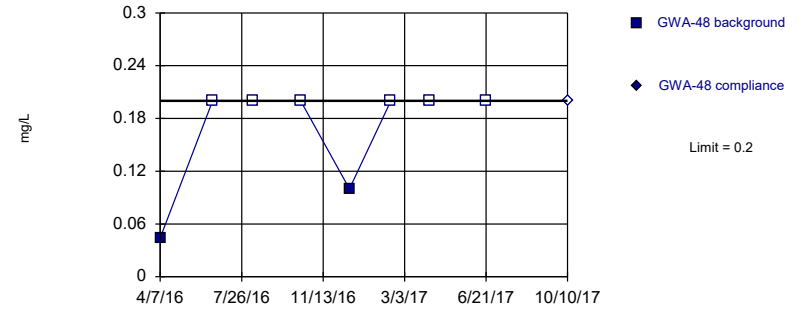


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

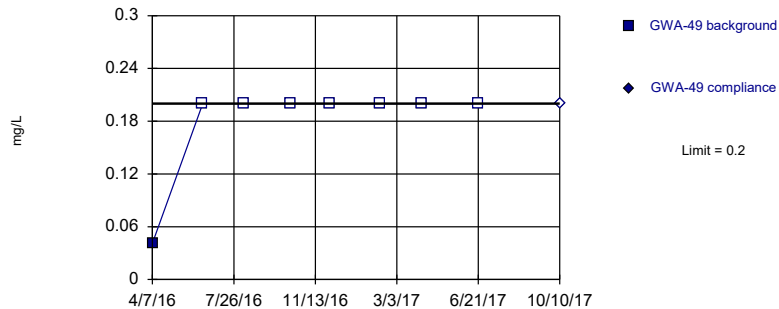


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

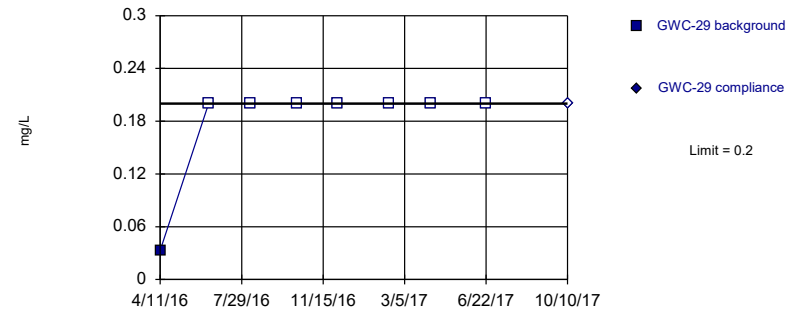


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

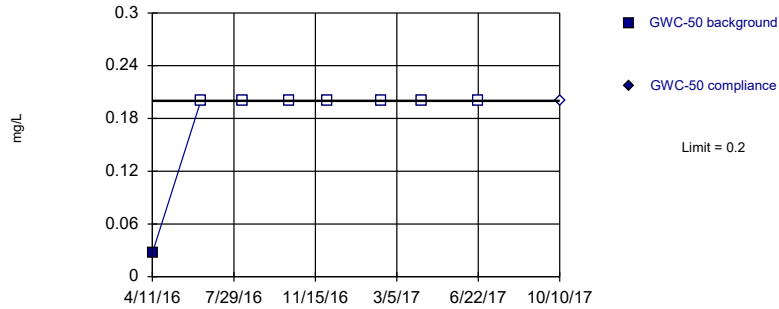


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

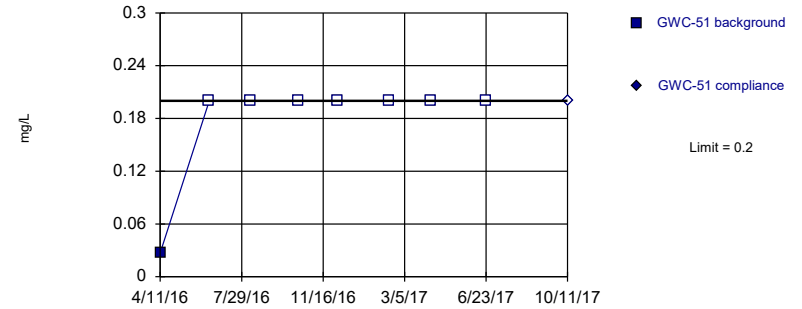


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

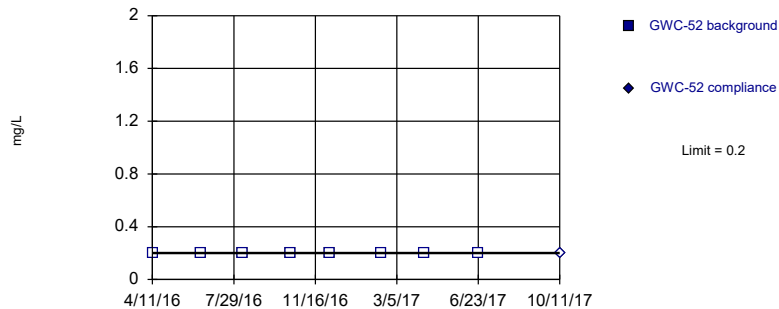


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

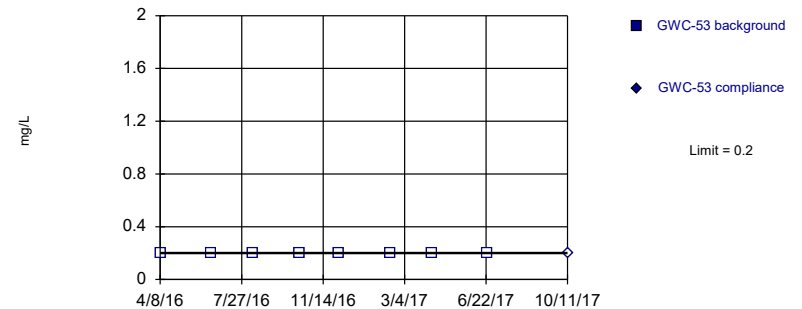


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

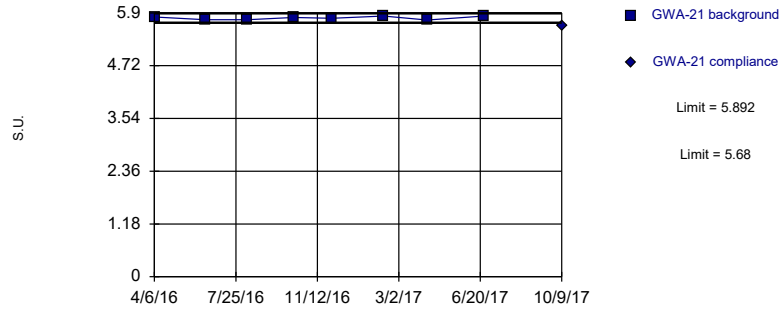


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

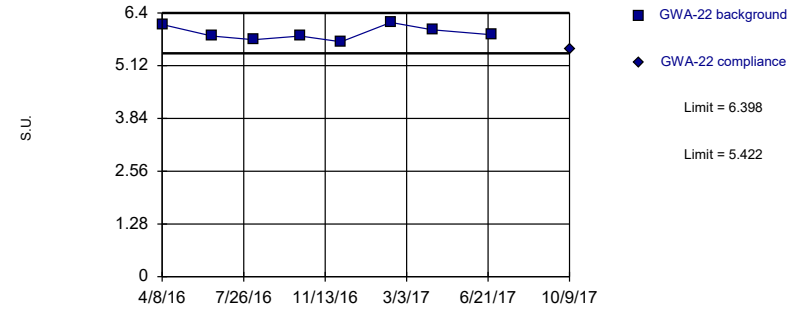


Background Data Summary: Mean=5.786, Std. Dev.=0.03662, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8891, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

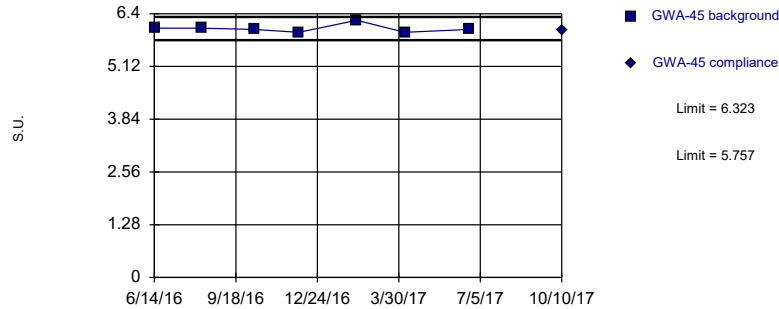


Background Data Summary: Mean=5.91, Std. Dev.=0.1687, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9254, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

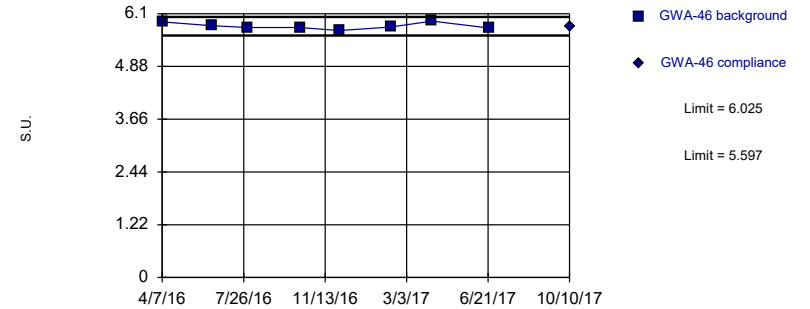


Background Data Summary: Mean=6.04, Std. Dev.=0.09764, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8102, critical = 0.73. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

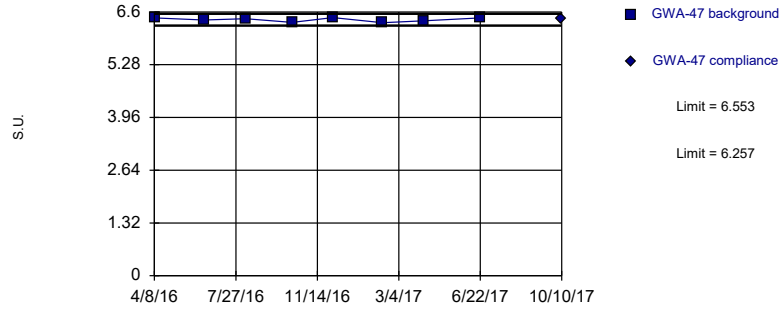


Background Data Summary: Mean=5.811, Std. Dev.=0.07396, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8936, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

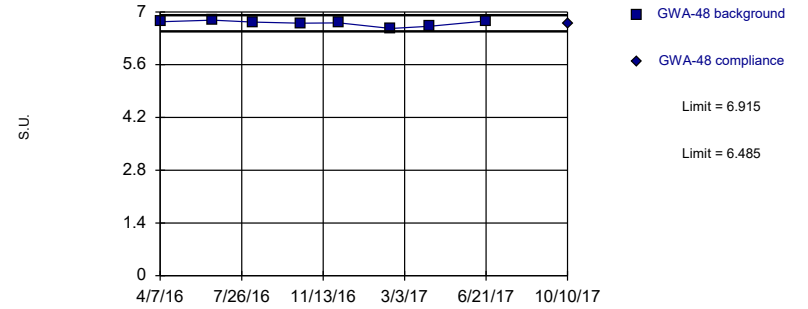


Background Data Summary: Mean=6.405, Std. Dev.=0.05099, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8913, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

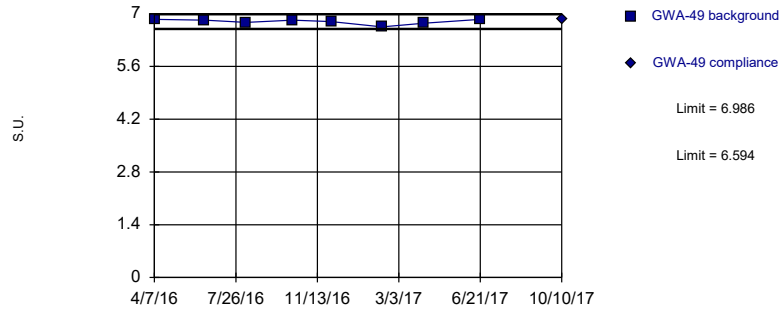


Background Data Summary: Mean=6.7, Std. Dev.=0.07426, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8918, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

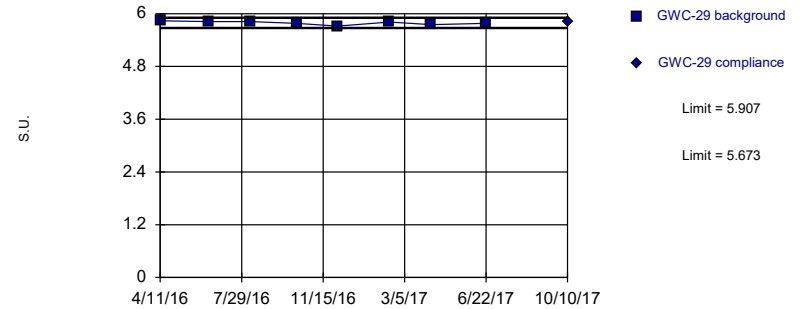


Background Data Summary: Mean=6.79, Std. Dev.=0.06761, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8547, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

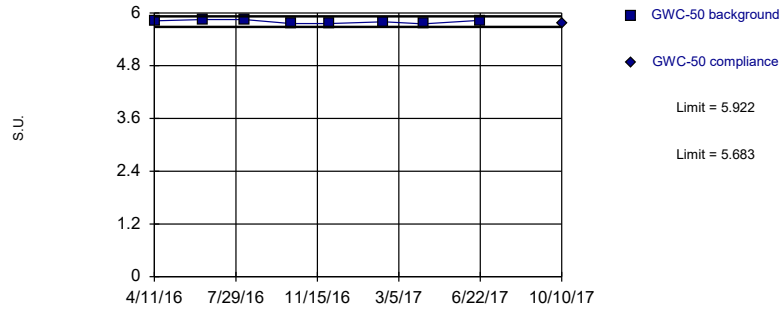


Background Data Summary: Mean=5.79, Std. Dev.=0.04036, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9383, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

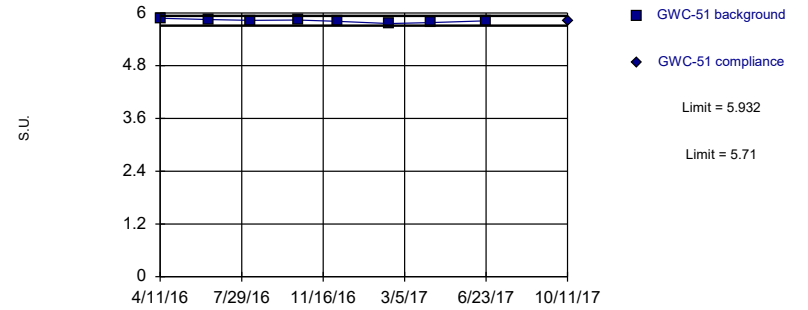


Background Data Summary: Mean=5.803, Std. Dev.=0.04132, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8761, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

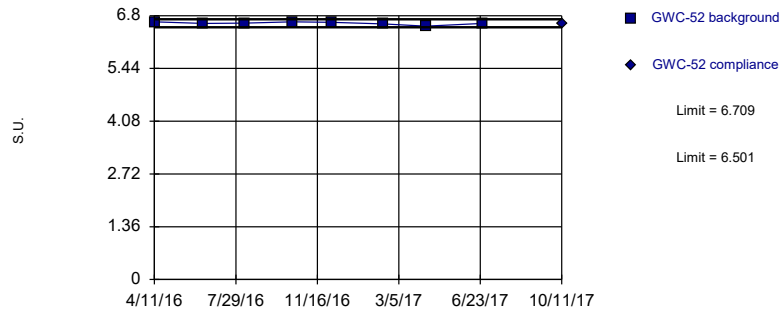


Background Data Summary: Mean=5.821, Std. Dev.=0.03834, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.983, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

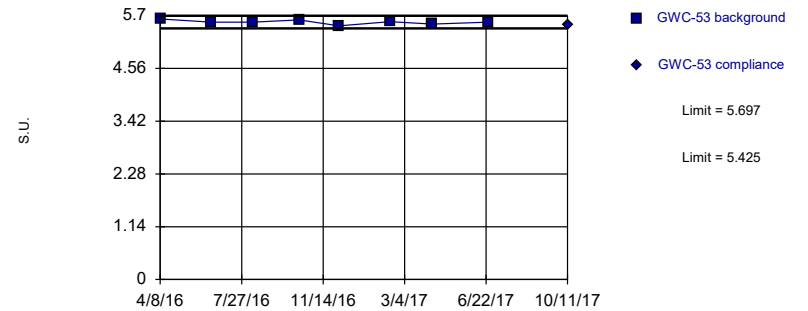


Background Data Summary: Mean=6.605, Std. Dev.=0.03586, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.864, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric



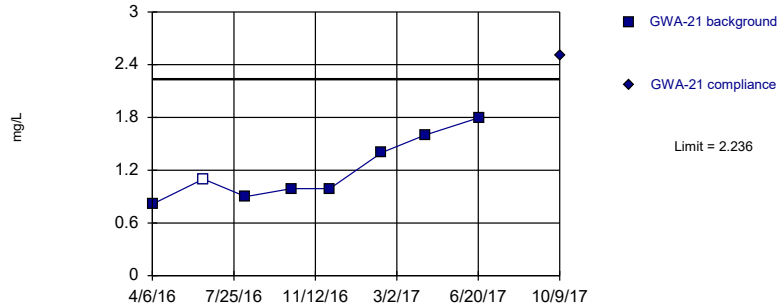
Background Data Summary: Mean=5.561, Std. Dev.=0.04704, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9453, critical = 0.749. Kappa overridden to 2.894.

Constituent: pH Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit
Intrawell Parametric



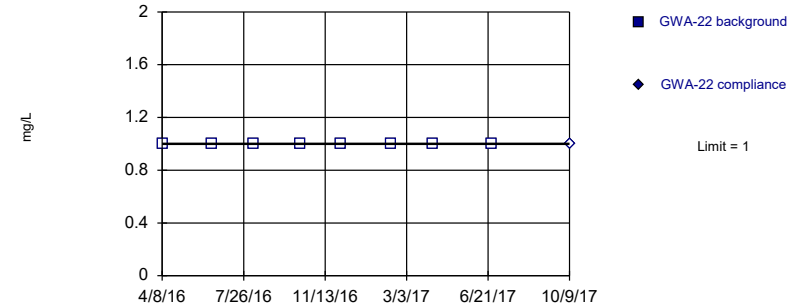
Background Data Summary: Mean=1.199, Std. Dev.=0.3582, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8949, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



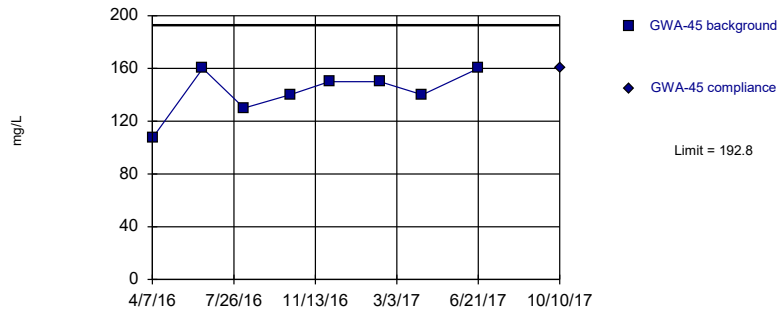
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG

Within Limit

Prediction Limit
Intrawell Parametric



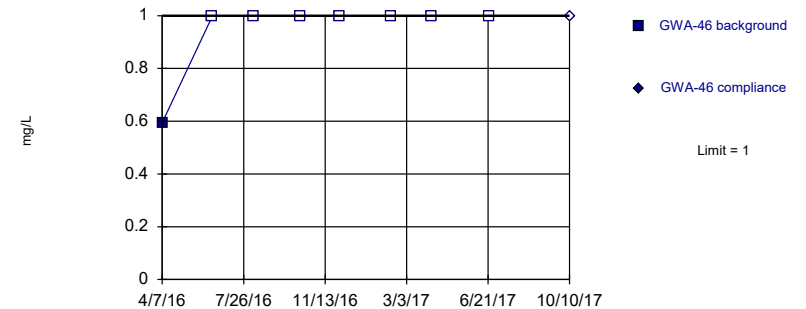
Background Data Summary: Mean=142.1, Std. Dev.=17.51, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8944, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

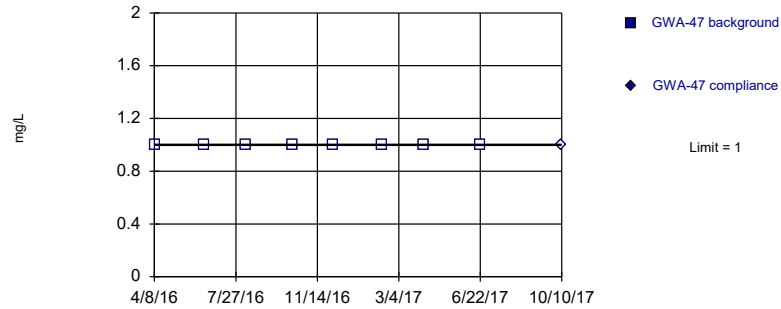
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

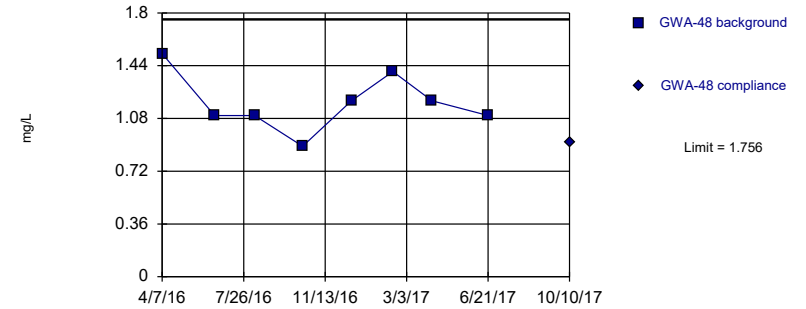
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
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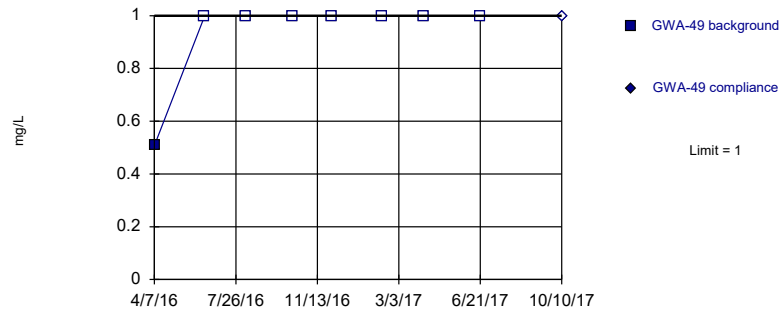
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.189, Std. Dev.=0.196, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9317, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

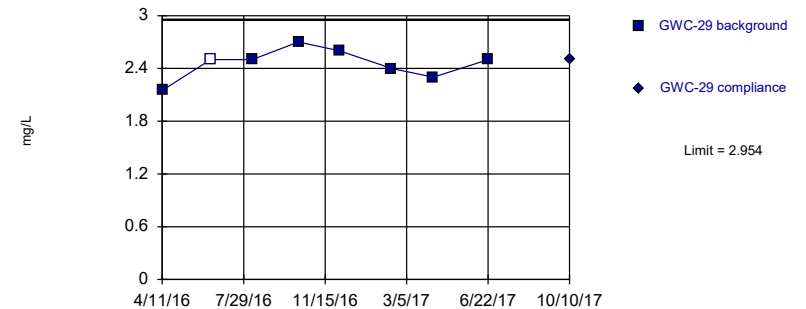
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric

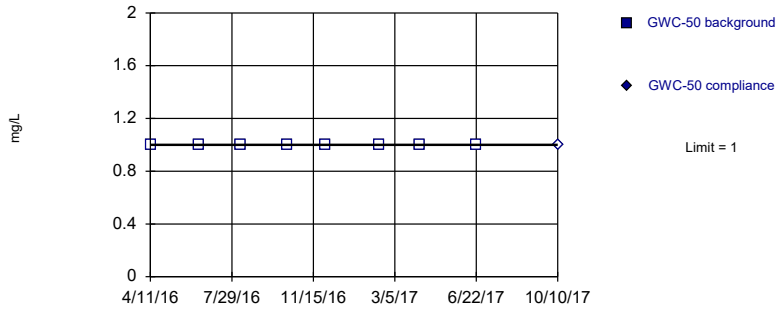


Background Data Summary: Mean=2.456, Std. Dev.=0.172, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9567, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

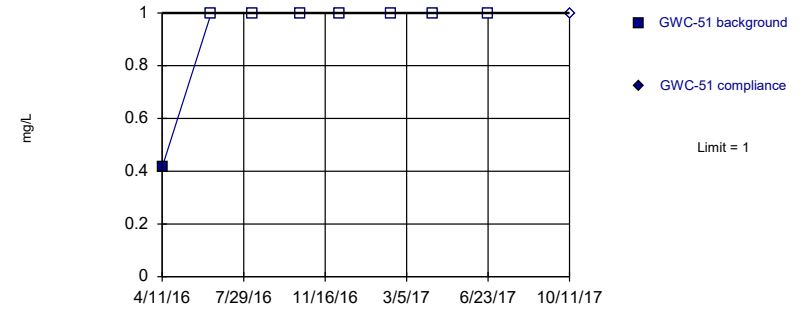


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

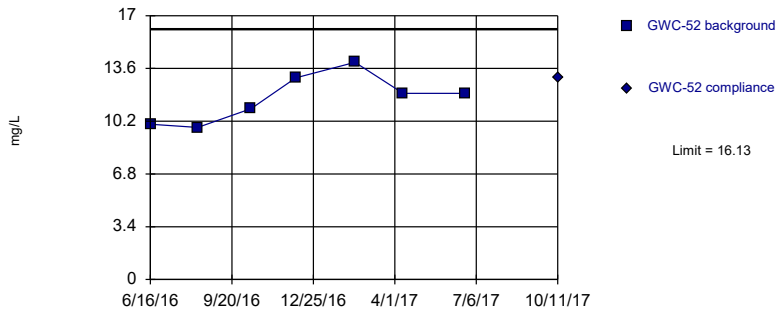


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

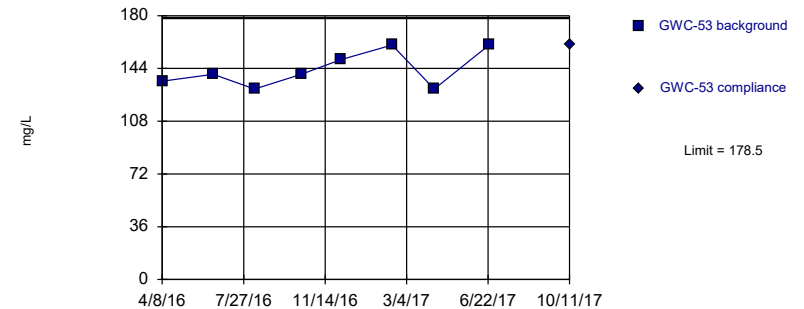


Background Data Summary: Mean=11.69, Std. Dev.=1.536, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9505, critical = 0.73. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

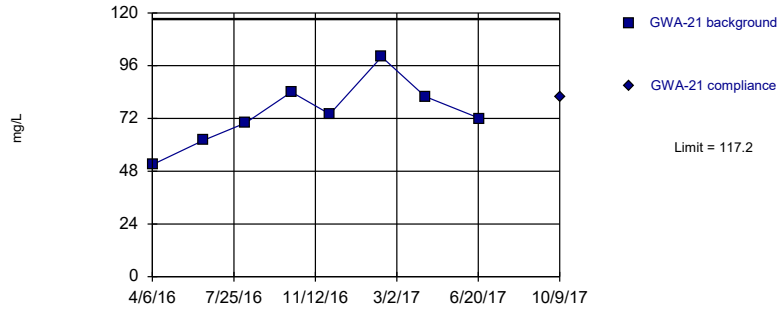
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=143.2, Std. Dev.=12.2, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.876, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

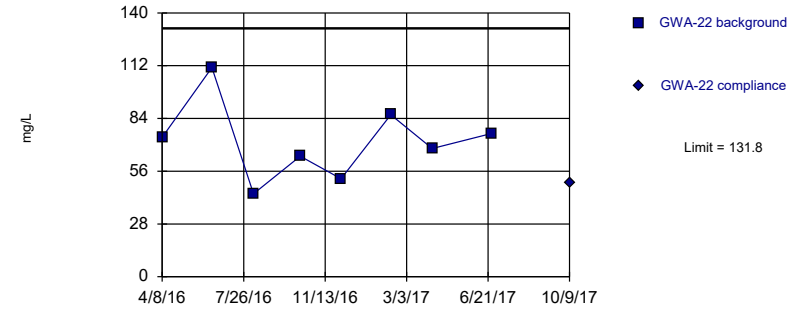
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=74.38, Std. Dev.=14.79, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9837, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:32 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

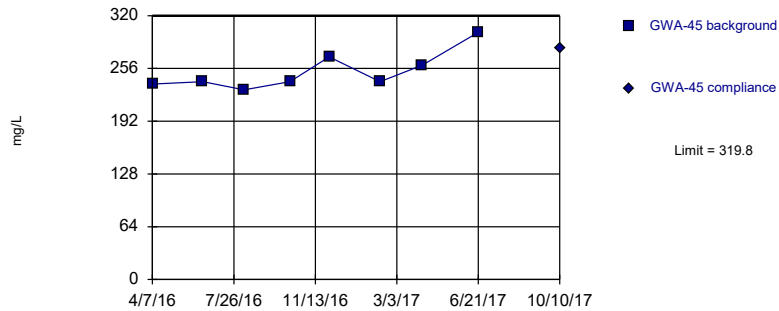
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=71.88, Std. Dev.=20.7, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9622, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:33 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

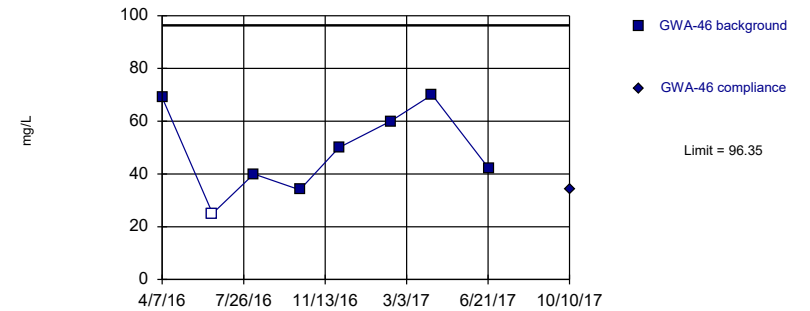
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=252.1, Std. Dev.=23.4, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8267, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:33 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

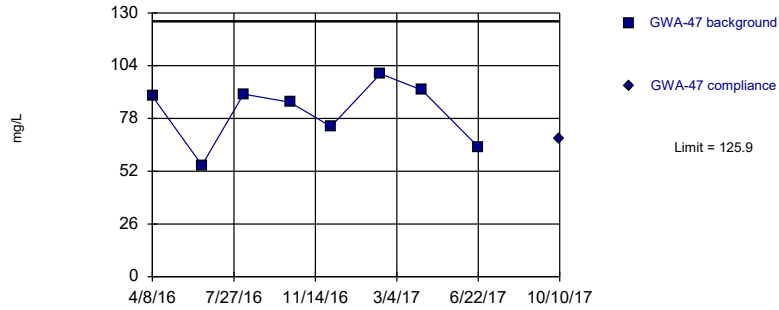
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=48.75, Std. Dev.=16.45, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9424, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:33 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

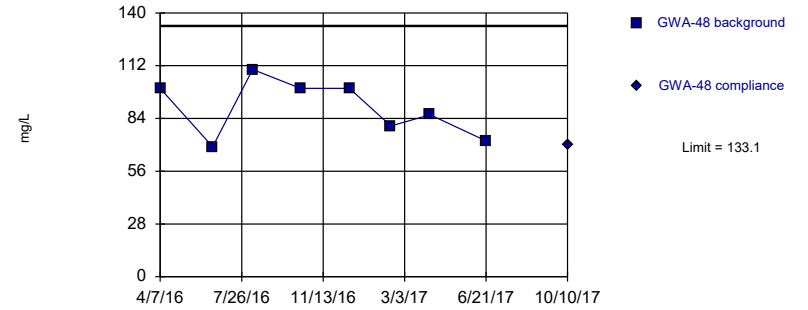
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=81.25, Std. Dev.=15.42, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9156, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:33 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

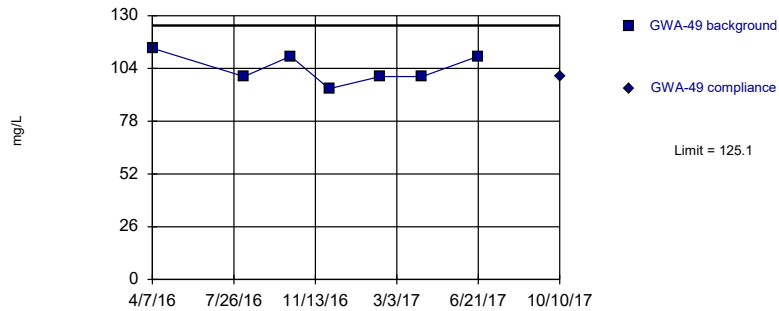
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=89.63, Std. Dev.=15.02, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9113, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:33 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

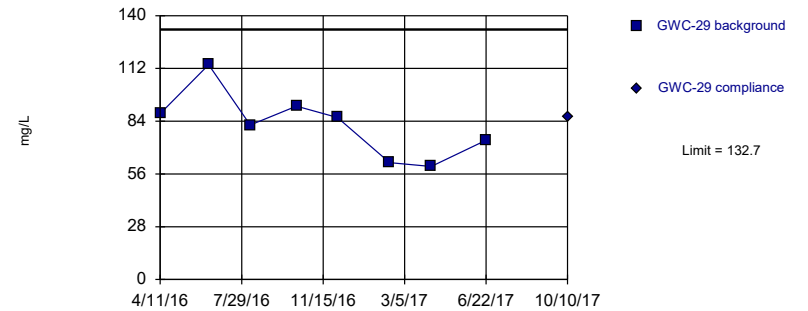
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=104, Std. Dev.=7.303, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8923, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:33 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

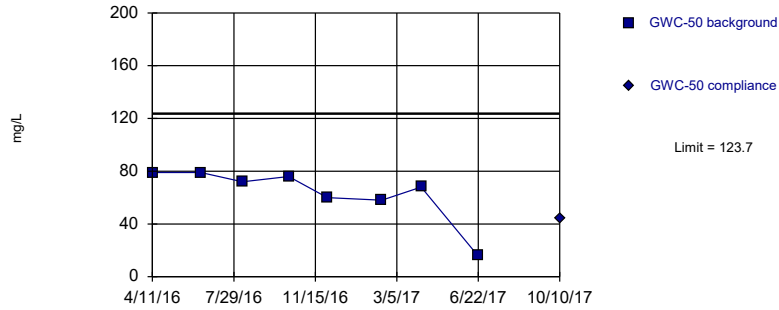
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=82.25, Std. Dev.=17.42, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9467, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:33 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

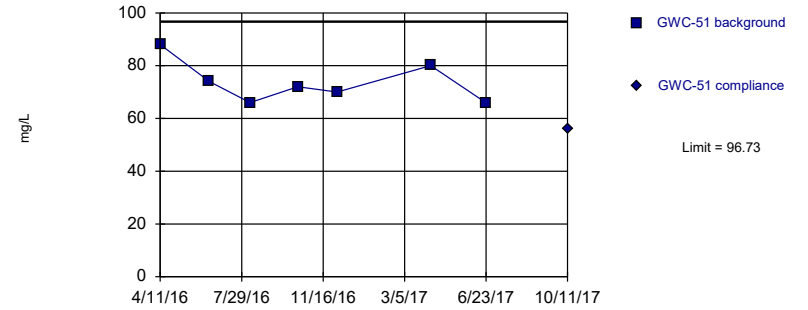
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=63.5, Std. Dev.=20.8, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7541, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:33 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

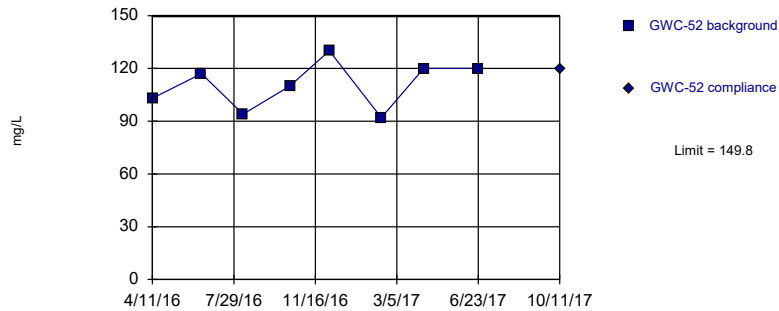
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=73.71, Std. Dev.=7.952, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9036, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:33 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

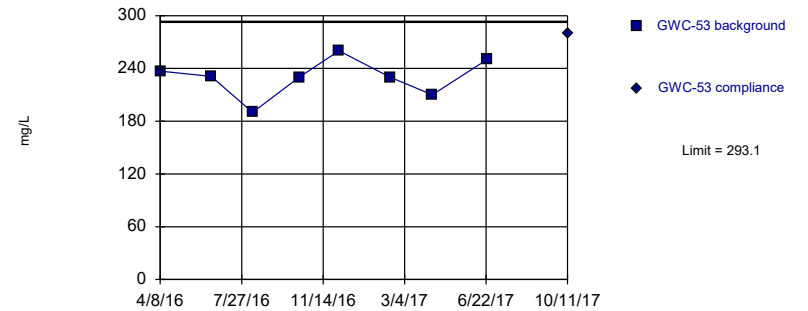
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=110.8, Std. Dev.=13.49, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.939, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:33 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=229.8, Std. Dev.=21.87, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9462, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 4/12/2018 12:33 PM View: AppIII Intrawell PL
Scherer Client: Golder Associates Data: Scherer PAC_CCR



golder.com



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*GPC Plant Scherer Cell 1 and PAC Ash Cell
1st Semi-Annual 2018 Event*

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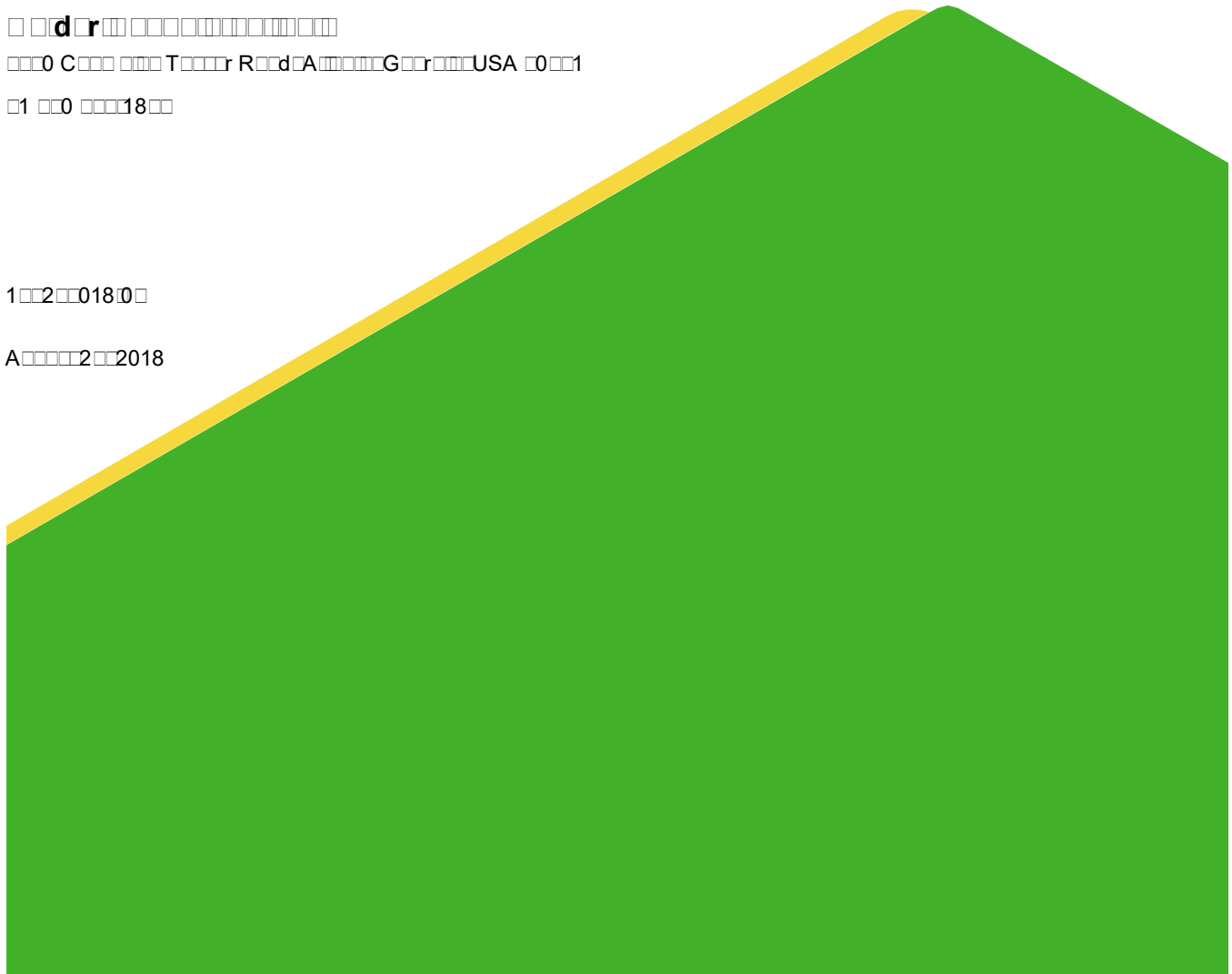
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District Level

Government of Canada / Province of Saskatchewan

The Government of Canada / Province of Saskatchewan

the Agriculture and Agri-Food Canada / Saskatchewan Agriculture

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92	C	92
93	C	93
94	C	94
95	C	95
96	C	96
97	C	97
98	C	98
99	C	99
100	C	100

TABLES

1	Table 1	Table 1
2	Table 2	Table 2

FIGURES

- Figure 1: Summary
- Figure 2: Summary
- Figure 3: Summary
- Figure 4: Summary

APPENDICES

- Appendix D
- Appendix D

COVER SHEET

This is a cover sheet for the 2018 Alternate Source Demonstration, Georgia Power Company Plant Scherer. It is intended to provide a summary of the project and the work performed. The cover sheet is to be filled out by the project manager and submitted to the appropriate regulatory agency. The cover sheet is to be filled out by the project manager and submitted to the appropriate regulatory agency.

DATE: 8/2/2018



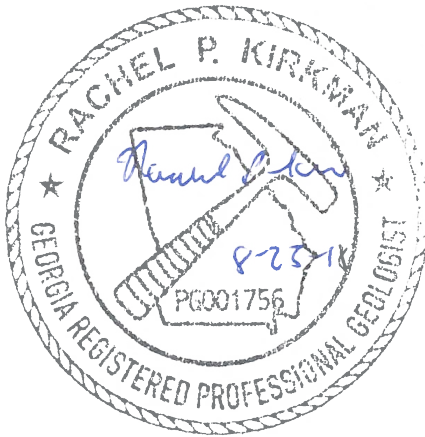
DAVID L. PRIDDY

Senior Hydrogeologist

8/2/2018

DATE

I, the undersigned, being a duly qualified and licensed professional geologist, do hereby certify that the foregoing is a true and correct copy of the original as the same appears in the files of the Georgia Geological Survey. I am a duly qualified and licensed professional geologist, do hereby certify that the foregoing is a true and correct copy of the original as the same appears in the files of the Georgia Geological Survey.



RACHEL P. KIRKMAN

PG

Georgia Registered Professional Geologist No. 1756

8/2/2018

DATE

dlp/rpk/wrs

Geographic Information System (GIS) Data for the 2018 Alternate Source Demonstration

This document is a cover sheet for the 2018 Alternate Source Demonstration, Georgia Power Company Plant Scherer. It is intended to provide a summary of the project and the work performed. The cover sheet is to be filled out by the project manager and submitted to the appropriate regulatory agency.

REDOX

The redox potential (ASD) recorded at GPCR Ash Cell and GPCR Cell 1 during the 2018 monitoring period is generally low, indicating a reducing environment. This is consistent with the presence of organic matter and the low oxygen levels in the groundwater. The 2018 1st Semi-Annual Groundwater Monitoring Report dated 2/2018 for the GPCR Plant Scherer Cell 1 and PAC Ash Cell provides further details on the redox potential measurements.

The redox potential (ASD) recorded at GPCR Ash Cell and GPCR Cell 1 during the 2018 monitoring period is generally low, indicating a reducing environment. This is consistent with the presence of organic matter and the low oxygen levels in the groundwater. The 2018 1st Semi-Annual Groundwater Monitoring Report dated 2/2018 for the GPCR Plant Scherer Cell 1 and PAC Ash Cell provides further details on the redox potential measurements.

DISSOLVED REACTANTS

The dissolved reactants (DR) recorded at GPCR Ash Cell and GPCR Cell 1 during the 2018 monitoring period are generally low, indicating a low level of reactive species in the groundwater. This is consistent with the low oxygen levels and the presence of organic matter. The 2018 1st Semi-Annual Groundwater Monitoring Report dated 2/2018 for the GPCR Plant Scherer Cell 1 and PAC Ash Cell provides further details on the dissolved reactant measurements.

The dissolved reactants (DR) recorded at GPCR Ash Cell and GPCR Cell 1 during the 2018 monitoring period are generally low, indicating a low level of reactive species in the groundwater. This is consistent with the low oxygen levels and the presence of organic matter. The 2018 1st Semi-Annual Groundwater Monitoring Report dated 2/2018 for the GPCR Plant Scherer Cell 1 and PAC Ash Cell provides further details on the dissolved reactant measurements.

The dissolved reactants (DR) recorded at GPCR Ash Cell and GPCR Cell 1 during the 2018 monitoring period are generally low, indicating a low level of reactive species in the groundwater. This is consistent with the low oxygen levels and the presence of organic matter. The 2018 1st Semi-Annual Groundwater Monitoring Report dated 2/2018 for the GPCR Plant Scherer Cell 1 and PAC Ash Cell provides further details on the dissolved reactant measurements.

REDUCED SULFIDE

The reduced sulfide (RS) recorded at GPCR Ash Cell and GPCR Cell 1 during the 2018 monitoring period is generally low, indicating a low level of reduced sulfide in the groundwater. This is consistent with the low oxygen levels and the presence of organic matter. The 2018 1st Semi-Annual Groundwater Monitoring Report dated 2/2018 for the GPCR Plant Scherer Cell 1 and PAC Ash Cell provides further details on the reduced sulfide measurements.

MONITORING

The monitoring data for the GPCR Plant Scherer Cell 1 and PAC Ash Cell during the 2018 monitoring period is generally consistent with the expected results. The low redox potential and low levels of dissolved reactants and reduced sulfide indicate a reducing environment. The 2018 1st Semi-Annual Groundwater Monitoring Report dated 2/2018 for the GPCR Plant Scherer Cell 1 and PAC Ash Cell provides further details on the monitoring data.

For the demonstration of alternative source water treatment technologies, the following table provides a summary of the estimated costs for the demonstration of the technologies. The costs are based on the current market prices for the technologies and the estimated quantities of the technologies. The costs are presented in US dollars (\$M) and are based on the current market prices for the technologies and the estimated quantities of the technologies. The costs are presented in US dollars (\$M) and are based on the current market prices for the technologies and the estimated quantities of the technologies.

Table 1: Estimated Costs for Alternative Source Water Treatment Technologies

The following table provides a summary of the estimated costs for the demonstration of the technologies. The costs are based on the current market prices for the technologies and the estimated quantities of the technologies. The costs are presented in US dollars (\$M) and are based on the current market prices for the technologies and the estimated quantities of the technologies.

Table 1: Estimated Costs for Alternative Source Water Treatment Technologies

Technology	Quantity	Unit Cost (\$M)	Total Cost (\$M)	Notes
Alternative Source Water Treatment Technologies				
GWC1	Construction	1.0	1.0	
	Installation	1.0	10.0	
	Operation and Maintenance (O&M)	1.0	1.0	
GWC2	Construction	1.0	1.0	
GWC3	Construction	1.0	18.0	
	Installation	0.0008	0.002	
GWA1	Installation	1.2	1.0	
GWA1	Installation	0.0	0.002	
Alternative Source Water Treatment Technologies				
GWA21	Construction	2.0	2.2	
GWC2	Installation	11	10.0	
GWA3	Installation	0.0	0.0	
GWC4	Installation	1.0	1.0	
	Installation	20	1.0	
GWC5	Installation	10.1	11	

Notes:

1. The costs are based on the current market prices for the technologies and the estimated quantities of the technologies.

2. The costs are based on the current market prices for the technologies and the estimated quantities of the technologies. The costs are presented in US dollars (\$M) and are based on the current market prices for the technologies and the estimated quantities of the technologies.

3. The costs are based on the current market prices for the technologies and the estimated quantities of the technologies. The costs are presented in US dollars (\$M) and are based on the current market prices for the technologies and the estimated quantities of the technologies.

... d... .. d... .. A...201... .. GWC... ..

Pr... ASD... 201... A...201... SSI... .. GWC... .. r... .. GPC... .. O...201... .. S... .. GPC... ..

... d... .. TDS... GWC... .. r... .. GPC... .. W... ..

... (...)

SSI... .. GWC... GWC... GWC... .. d... .. GWC:2... GWC:2... T... SSI... .. C... .. CCR R... A... .. CCR R... .. UPL... .. RCRA ... U... G... .. USEPA 200... .. UPL ...

R... .. A... .. A... .. SSI... .. CH... .. P... S... .. GPC ...

... rid... d... D... (...)

I... .. d... .. TDS... .. GWC... O... .. GWC... .. 1... .. T... .. TDS... GWC... .. 1... .. 1... .. GPC ...

...ri()...d...
...GWC...GWA1...GWA1...
...GWC2...Mar 2018...C...
...Mar 2018...M...GWA1...GWA1...
...R...T...GWA1...
...P...S...
...d...
...

...

T ASD ... 2nd S ... A ... G ...
M ... R ... G ... P ... S ... Mar ... 2018 ... 1 ... 2 ...
GA S ... W ... M ... ASD ... ASD ...
SSI ... 2018 1st S ... A ... M ... R ...

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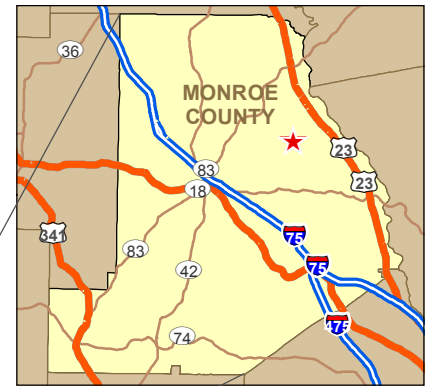
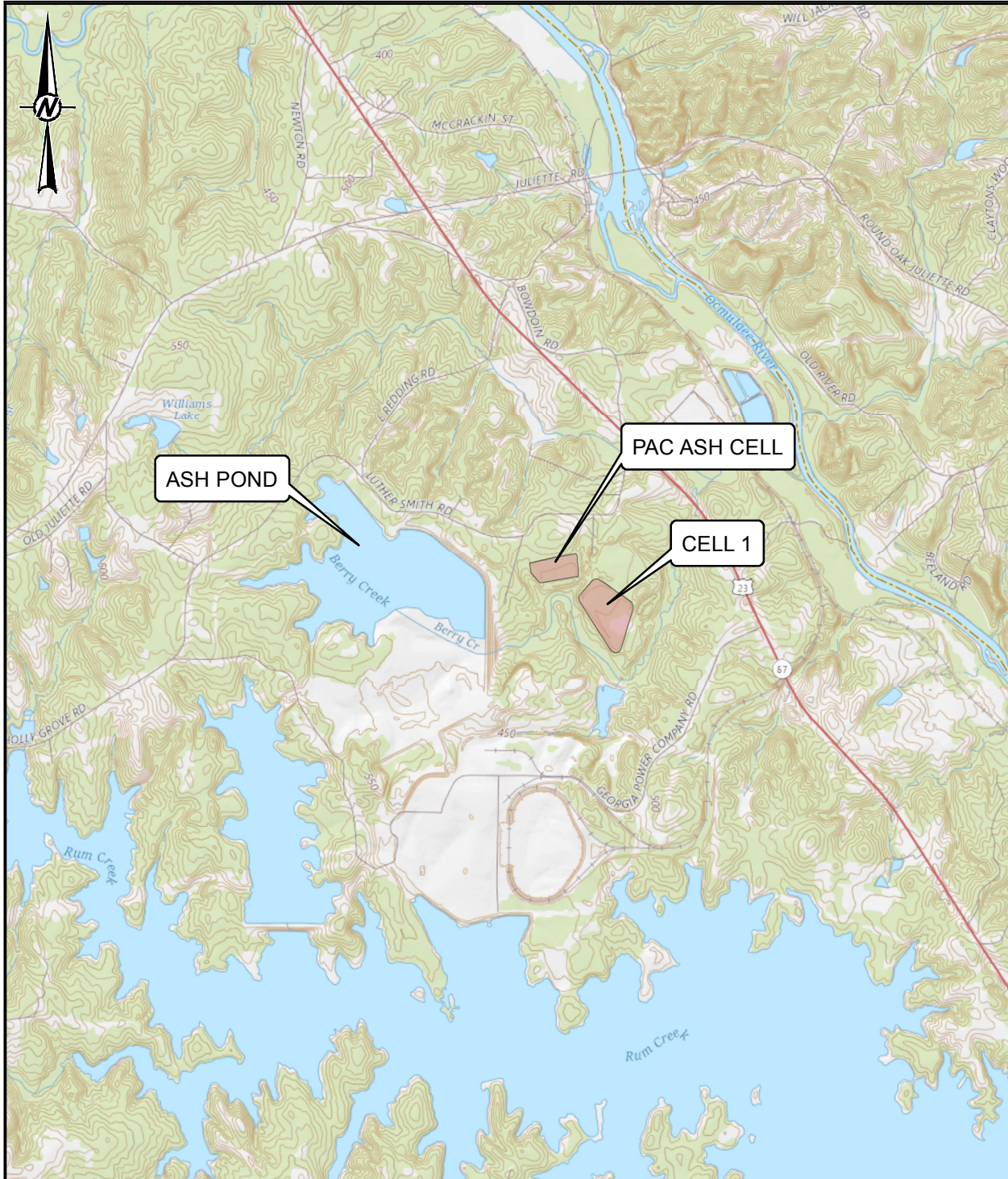
FIGURES

Figure 1: Comparison of ...

Figure 2: Comparison of ...

Figure 3: Comparison of ... (March 2018)

Figure 4: Comparison of ... (March 2018)



Service Layer Credits: USGS The National Map: National Boundaries Dataset, National Elevation Dataset, Geographic Names Information System, National



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GEORGIA POWER COMPANY
PLANT SCHERER



PROJECT
2018 1ST SEMI-ANNUAL GROUNDWATER MONITORING
PLANT SCHERER

TITLE
SITE LOCATION MAP

CONSULTANT



YYYY-MM-DD	2018-01-31
PREPARED	DJC
DESIGN	DLP
REVIEW	<i>djp</i>
APPROVED	<i>rpk</i>

PROJECT No.
1662350

CONTROL
1662350\000-GIS.mxd

Rev.
0

FIGURE
1



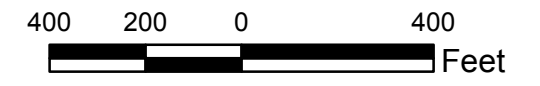
- LEGEND**
- PROPERTY BOUNDARY
 - ◆ CELL 1 LANDFILL MONITORING WELL
 - PAC ASH LANDFILL MONITORING WELL
 - ⊕ SURFACE WATER SAMPLE LOCATION

NOTES

1. ALL LOCATIONS AND BOUNDARIES ARE APPROXIMATE.

REFERENCE

1. SERVICE LAYER CREDITS: ESRI, HERE, DELORME, MAPMYINDIA, © OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
SOURCE: ESRI, DIGITALGLOBE, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRIID, IGN, AND THE GIS USER COMMUNITY
2. COORDINATE SYSTEM: NAD 1983 STATE PLAN GEORGIA WEST (U.S. FEET).
3. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY SOUTHERN COMPANY SERVICES.



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GEORGIA POWER COMPANY
 PLANT SCHERER

PROJECT
 2018 1ST SEMI-ANNUAL GROUNDWATER MONITORING
 PLANT SCHERER

TITLE
SITE PLAN AND MONITORING WELL LOCATION MAP

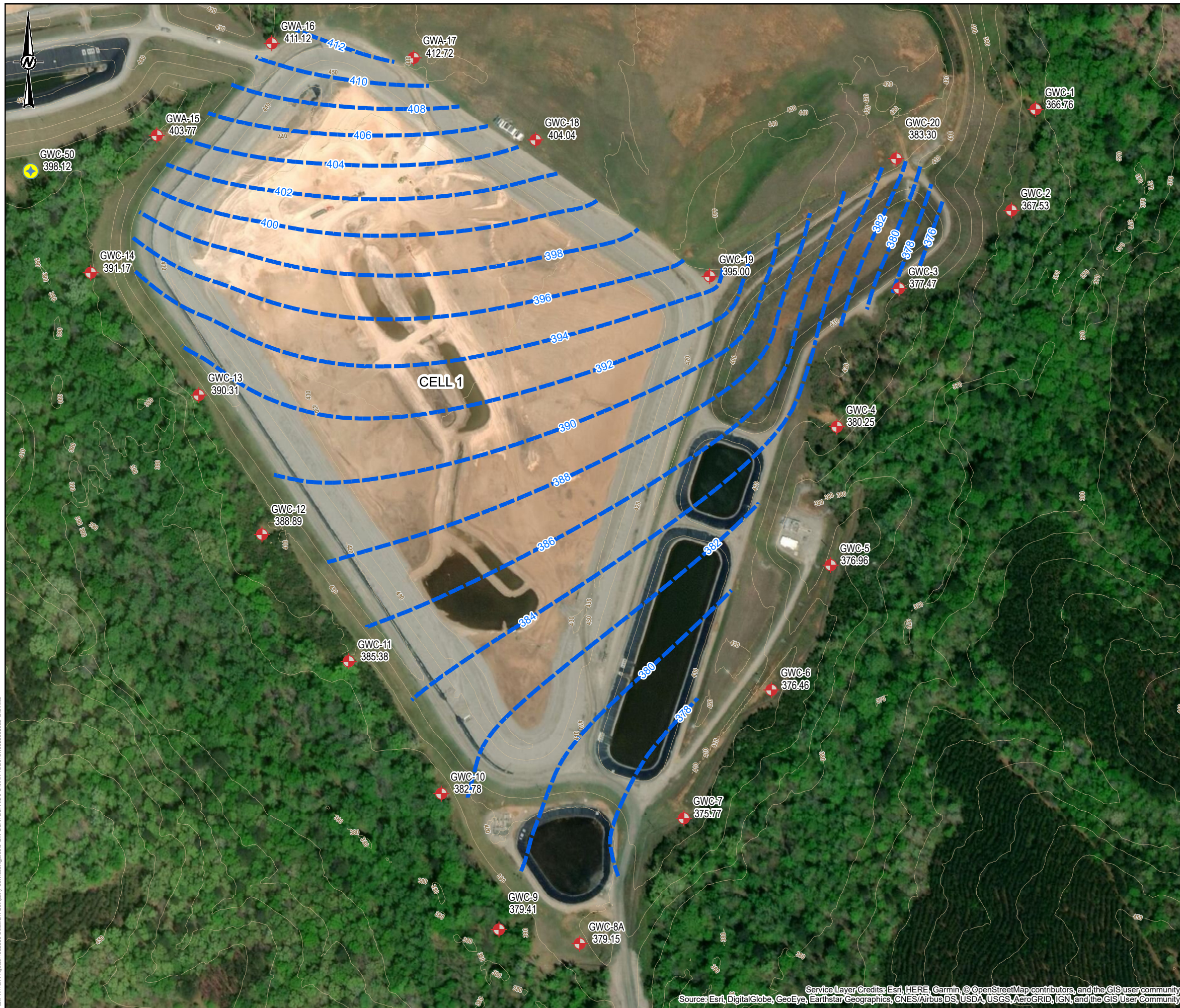
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	PREPARED	DJC
	DESIGN	DLP
	REVIEW	DLP
	APPROVED	RPK

PROJECT No. 1662350	CONTROL 1662350A001-GIS.mxd	Rev. 0	FIGURE 2
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 Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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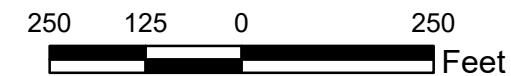
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- GW CON-MAR 19 2018-CELL1
- ⊕ PAC ASH LANDFILL MONITORING WELL WITH ELEVATION
- ⊕ CELL 1 LANDFILL MONITORING WELL WITH ELEVATION

NOTES

1. ALL LOCATIONS AND BOUNDARIES ARE APPROXIMATE.
2. GROUNDWATER ELEVATION MEASUREMENTS OBTAINED MARCH 19, 2018 BY GOLDER ASSOCIATES.
3. GROUNDWATER ELEVATIONS DISPLAYED IN FEET ABOVE MEAN SEA LEVEL (FAMSL).
4. GROUNDWATER CONTOURS BASED ON LINEAR INTERPOLATION BETWEEN AND EXTRAPOLATION FROM KNOWN DATA, TOPOGRAPHIC CONTOURS, AND KNOWN FIELD CONDITIONS, THEREFORE, GROUNDWATER CONTOURS MAY NOT REFLECT ACTUAL CONTOURS.
5. GROUNDWATER CONTOUR INTERVAL IS 2 FT.

REFERENCE

1. SERVICE LAYER CREDITS: ESRI, HERE, GARMIN, © OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
SOURCE: ESRI, DIGITALGLOBE, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRIID, IGN, AND THE GIS USER COMMUNITY
2. COORDINATE SYSTEM: NAD 1983 STATE PLAN GEORGIA WEST (U.S. FEET).
3. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY SOUTHERN COMPANY SERVICES.
4. EXISTING TOPOGRAPHY FROM THE NATIONAL ELEVATION DATASET (NED).



CLIENT
GEORGIA POWER COMPANY
 PLANT SCHERER



PROJECT
1ST SEMI-ANNUAL 2018 GROUNDWATER MONITORING REPORT
 PLANT SCHERER

TITLE
CELL 1 POTENTIOMETRIC SURFACE MAP
 MARCH 19, 2018

CONSULTANT	YYYY-MM-DD	2018-06-29
	PREPARED	DJC
	DESIGN	DLP
	REVIEW	<i>dlp</i>
	APPROVED	<i>rpk</i>

PROJECT No. 1662350 CONTROL 1662350J002-GIS.mxd Rev. 0 FIGURE 2

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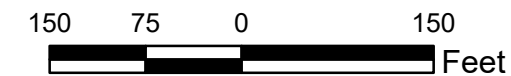
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- LEGEND**
- - - GROUNDWATER ELEVATION CONTOUR (FAMSL)
 - EXISTING TOPOGRAPHY
 - PAC ASH LANDFILL MONITORING WELL WITH ELEVATION
 - ✕ CELL 1 LANDFILL MONITORING WELL WITH ELEVATION

- NOTES**
1. ALL LOCATIONS AND BOUNDARIES ARE APPROXIMATE.
 2. GROUNDWATER ELEVATION MEASUREMENTS OBTAINED MARCH 19, 2018 BY GOLDER ASSOCIATES.
 3. GROUNDWATER ELEVATIONS DISPLAYED IN FEET ABOVE MEAN SEA LEVEL (FAMSL).
 4. GROUNDWATER CONTOURS BASED ON LINEAR INTERPOLATION BETWEEN AND EXTRAPOLATION FROM KNOWN DATA, TOPOGRAPHIC CONTOURS, AND KNOWN FIELD CONDITIONS, THEREFORE, GROUNDWATER CONTOURS MAY NOT REFLECT ACTUAL CONTOURS.
 5. GROUNDWATER CONTOUR INTERVAL IS 2 FT.

- REFERENCE**
1. SERVICE LAYER CREDITS: ESRI, HERE, GARMIN, © OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
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 2. COORDINATE SYSTEM: NAD 1983 STATE PLAN GEORGIA WEST (U.S. FEET).
 3. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY SOUTHERN COMPANY SERVICES.
 4. EXISTING TOPOGRAPHY FROM THE NATIONAL ELEVATION DATASET (NED).



CLIENT
GEORGIA POWER COMPANY
 PLANT SCHERER



PROJECT
1ST SEMI-ANNUAL 2018 GROUNDWATER MONITORING REPORT
 PLANT SCHERER

TITLE
PAC ASH CELL POTENTIOMETRIC SURFACE MAP
 (MARCH 19, 2018)

CONSULTANT	YYYY-MM-DD	2018-06-29
	PREPARED	DJC
	DESIGN	DLP
	REVIEW	<i>dlp</i>
	APPROVED	<i>rpk</i>

PROJECT No. 1662350 CONTROL 1662350J003-GIS.mxd Rev. 0 FIGURE 3

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 Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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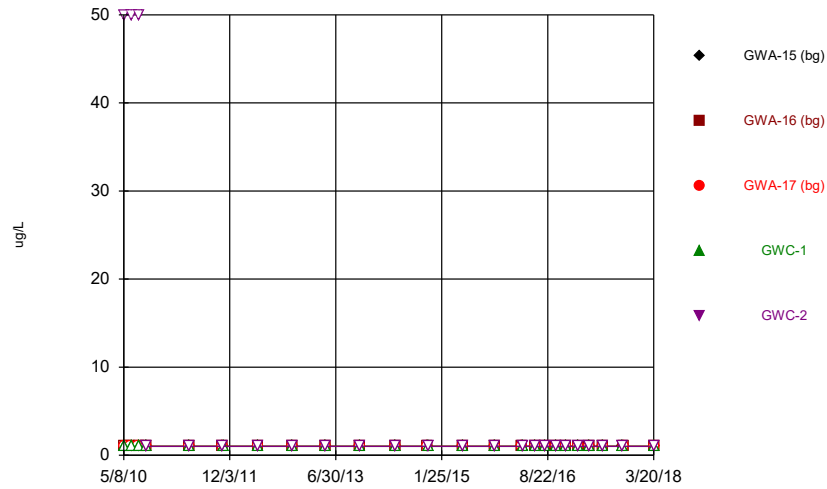
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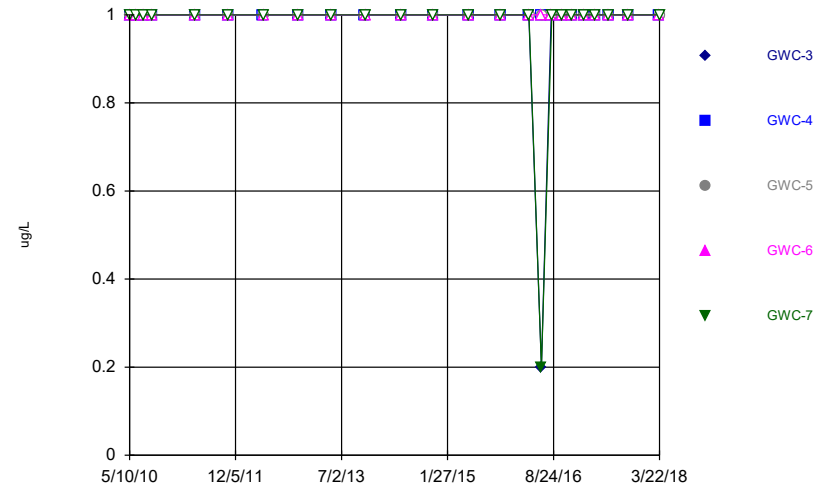
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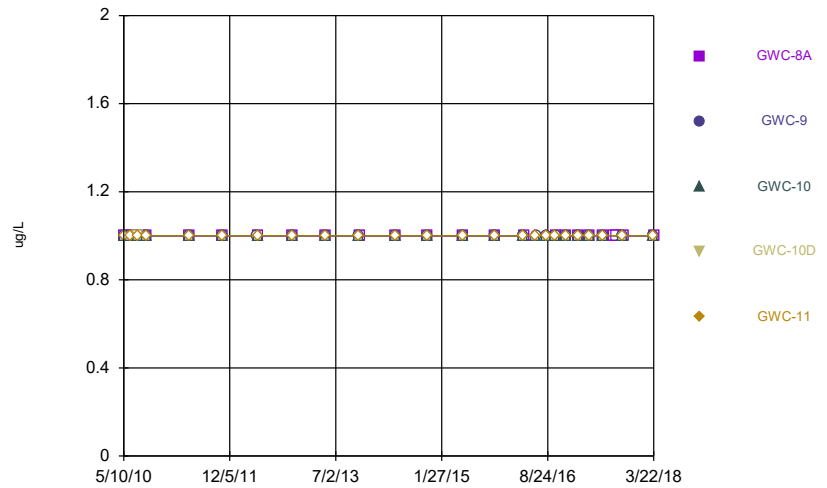
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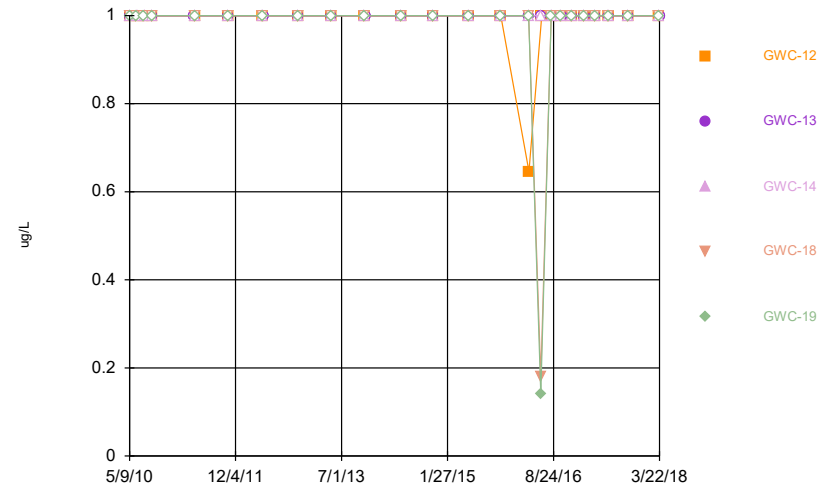
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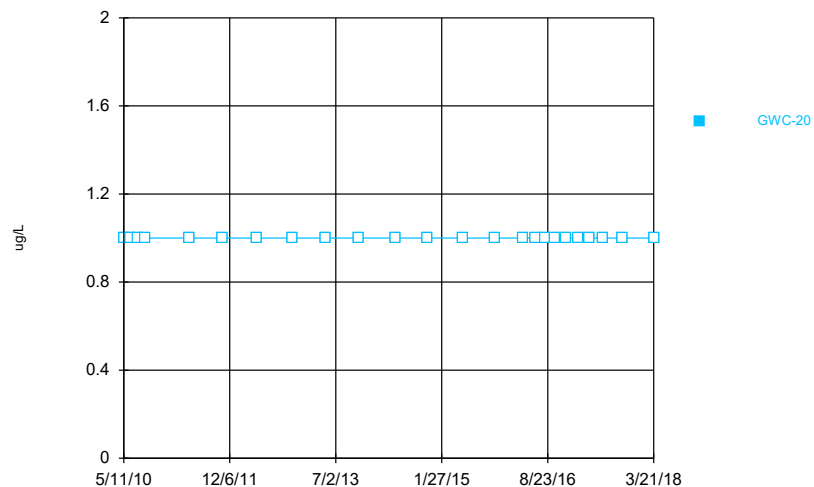
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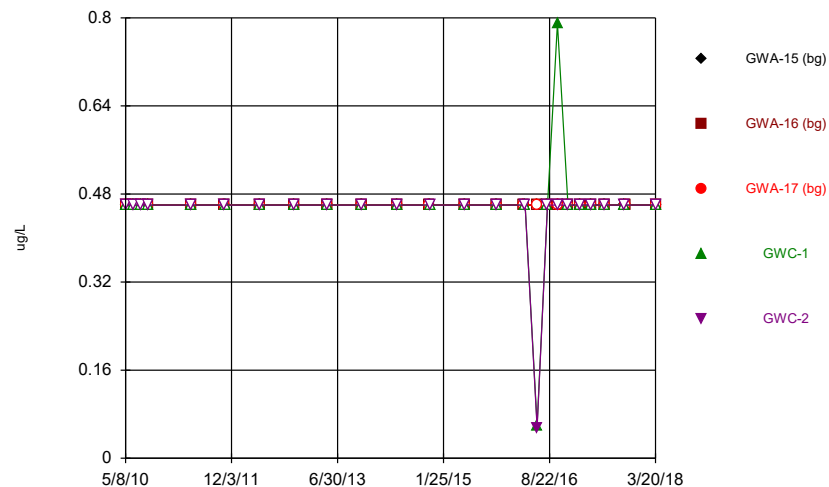


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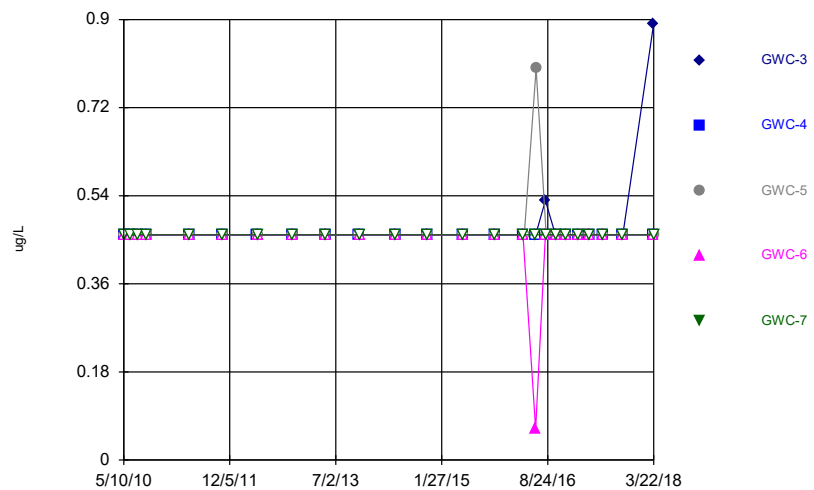
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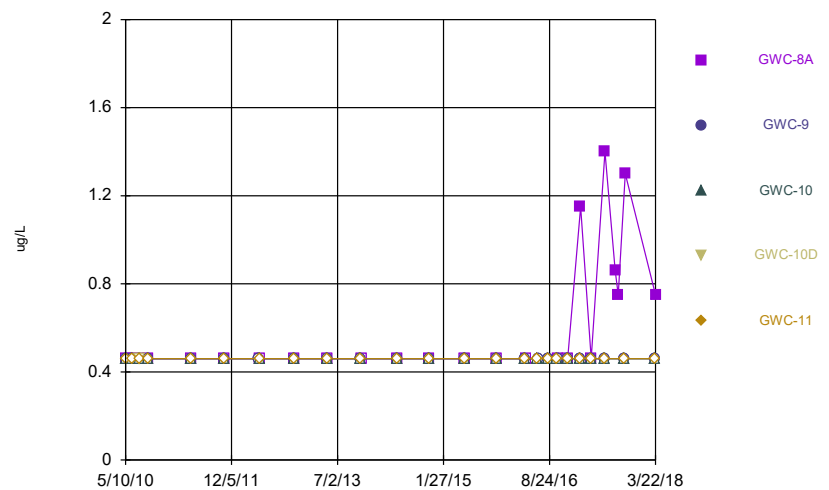
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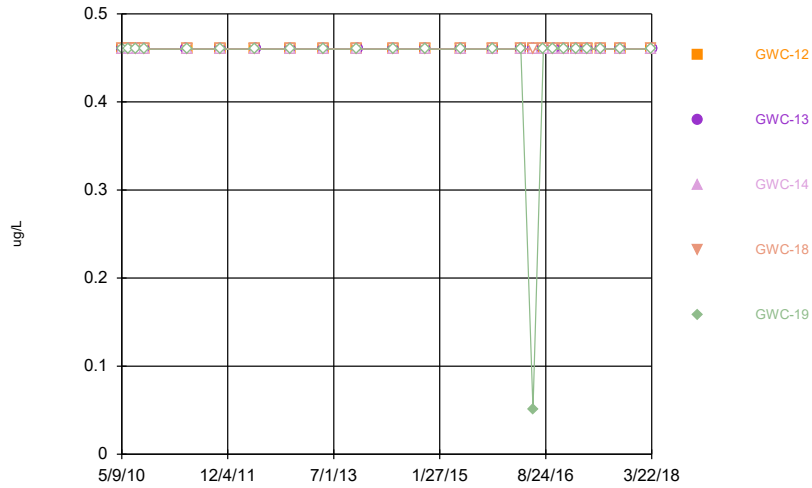
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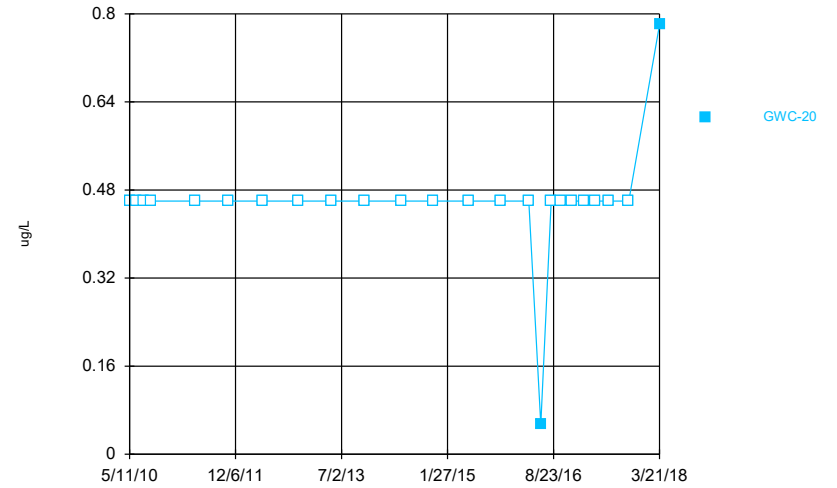


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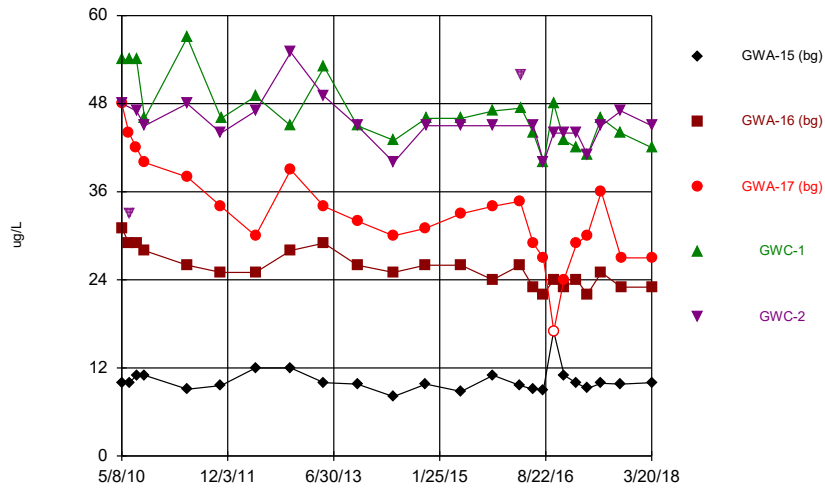
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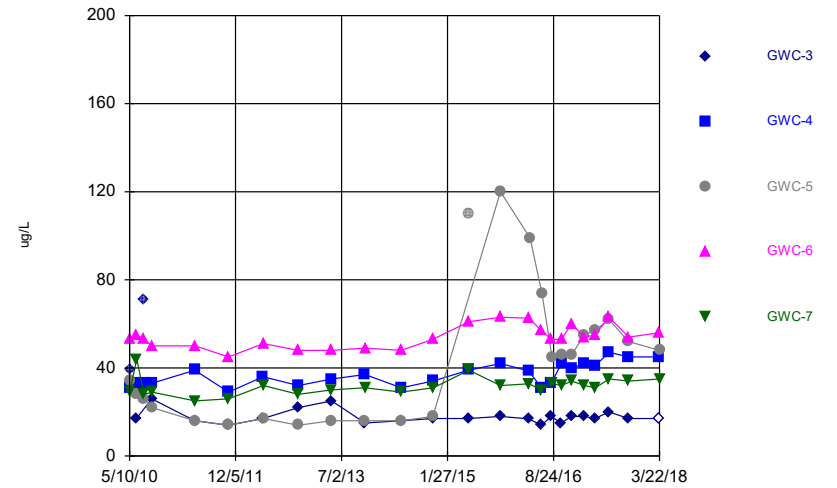
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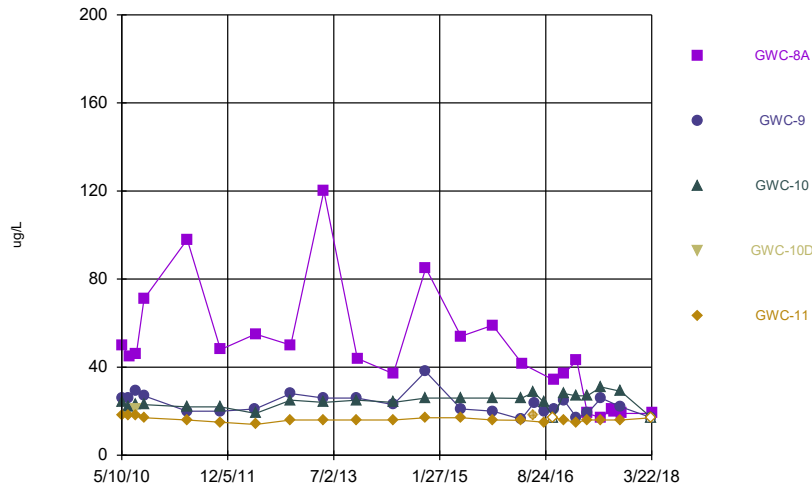
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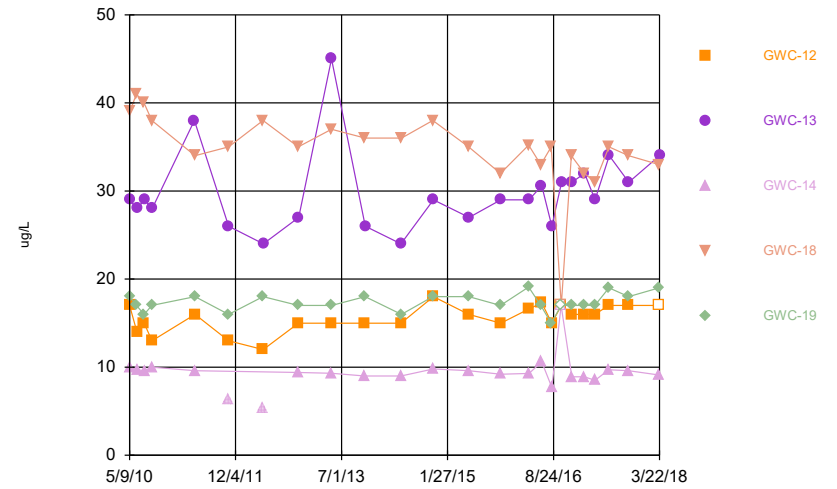
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Time Series



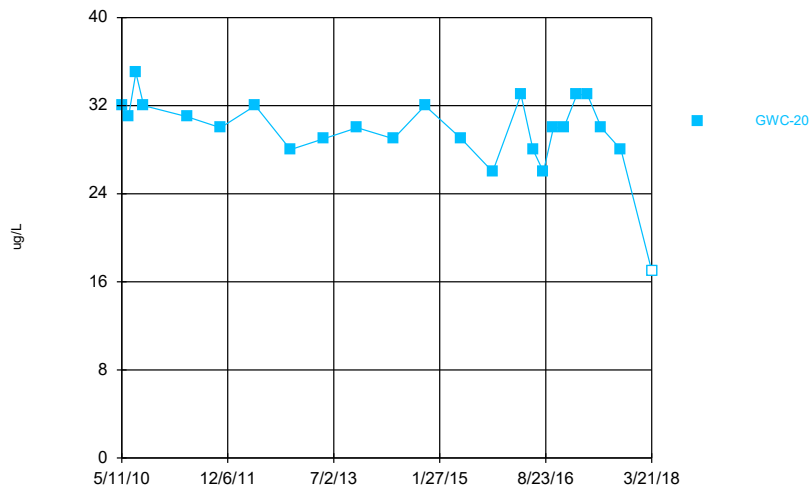
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Time Series



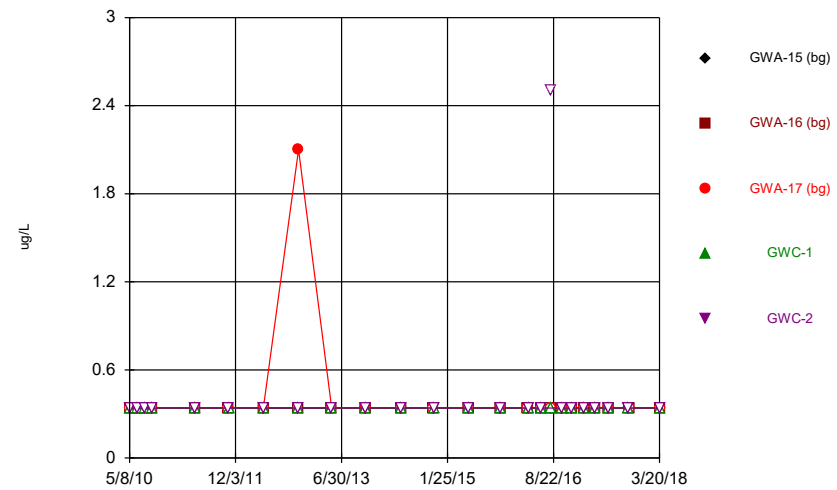
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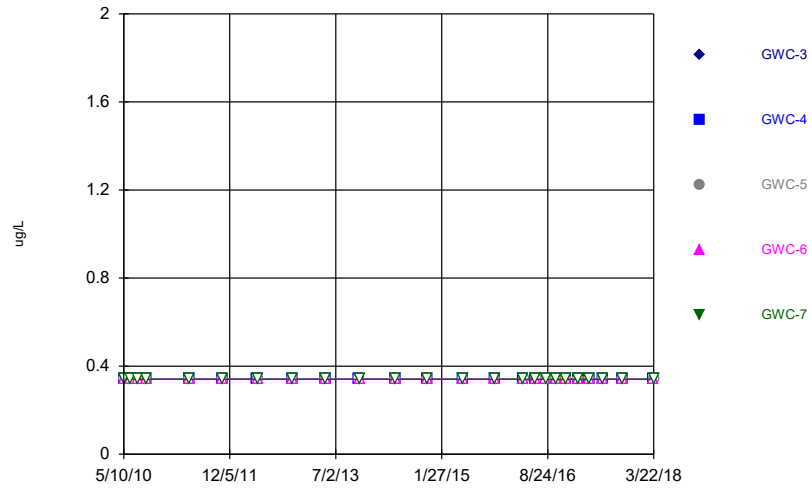
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Time Series



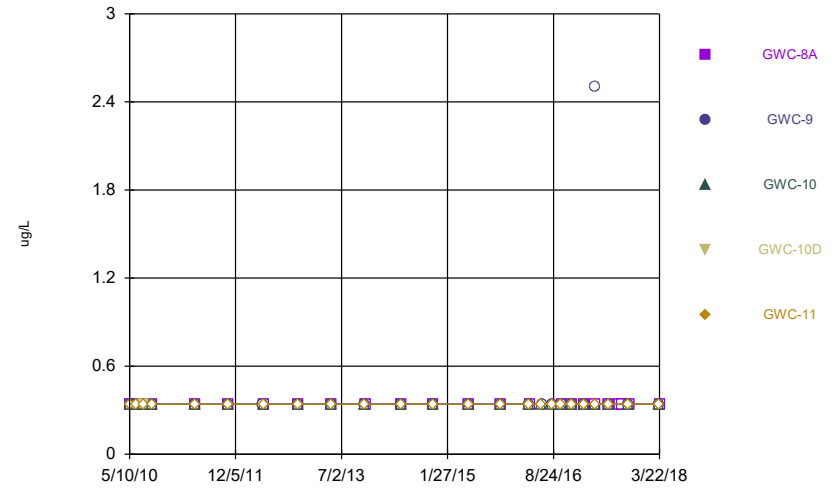
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Time Series



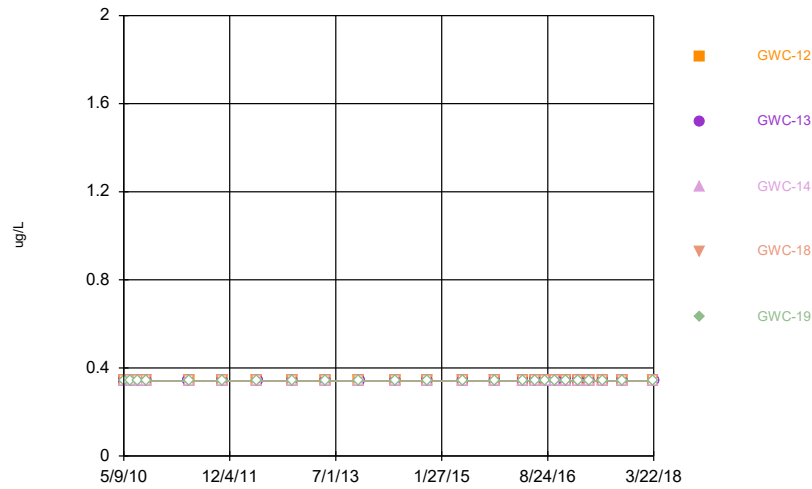
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Time Series



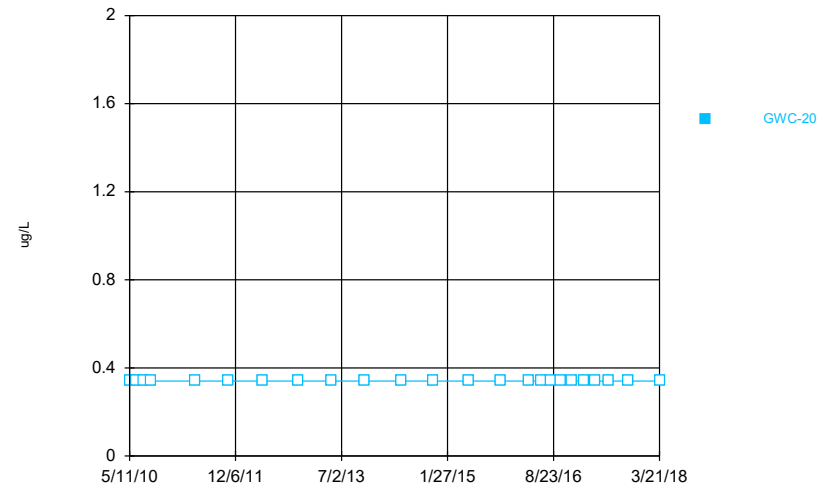
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Time Series



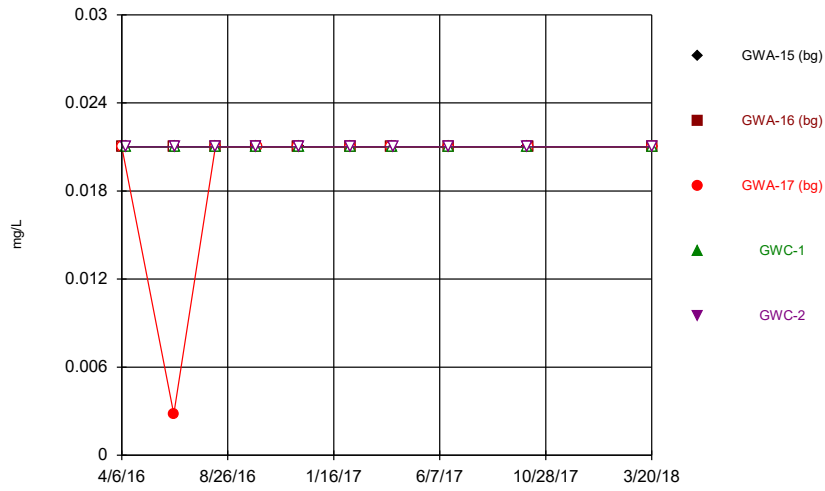
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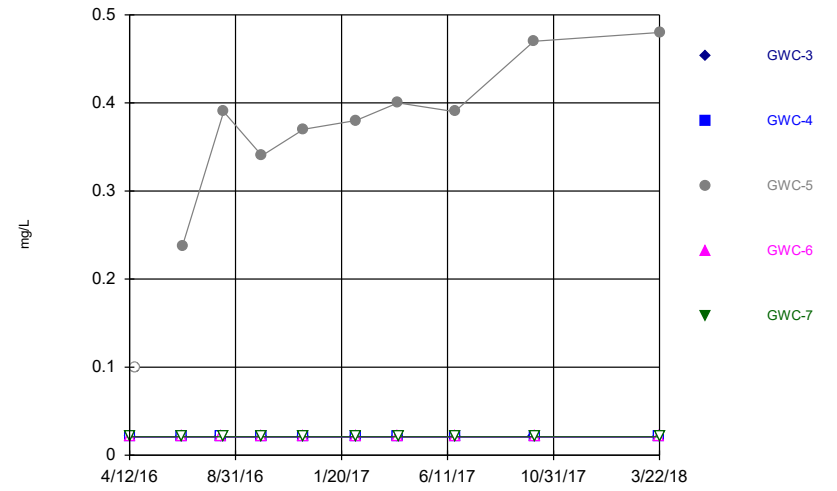
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Time Series



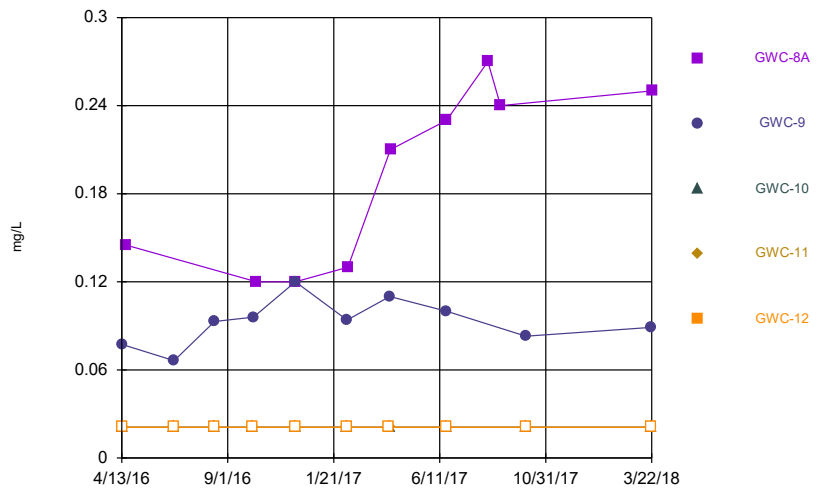
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Time Series



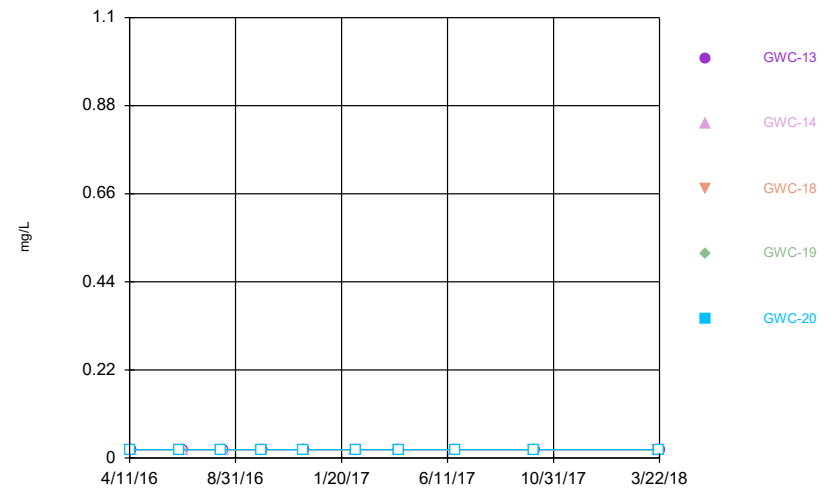
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 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



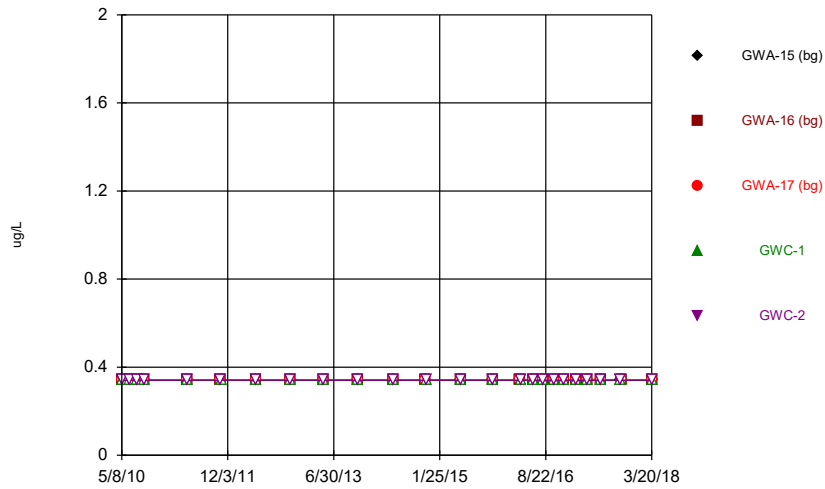
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Time Series



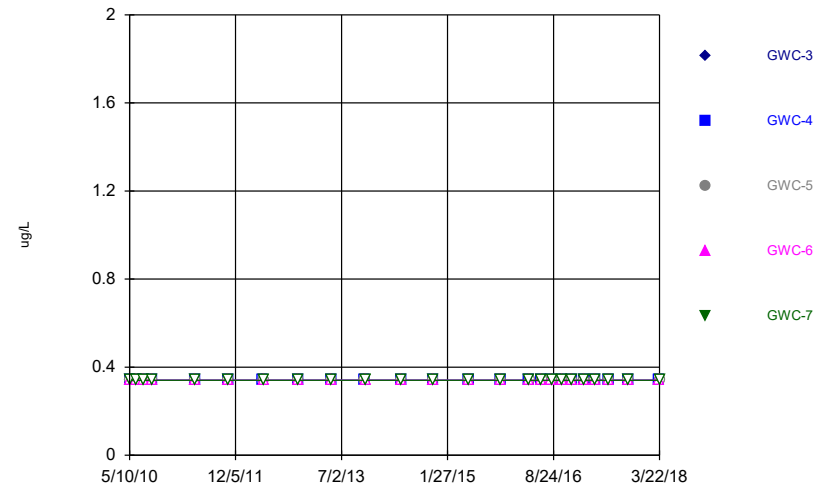
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Time Series



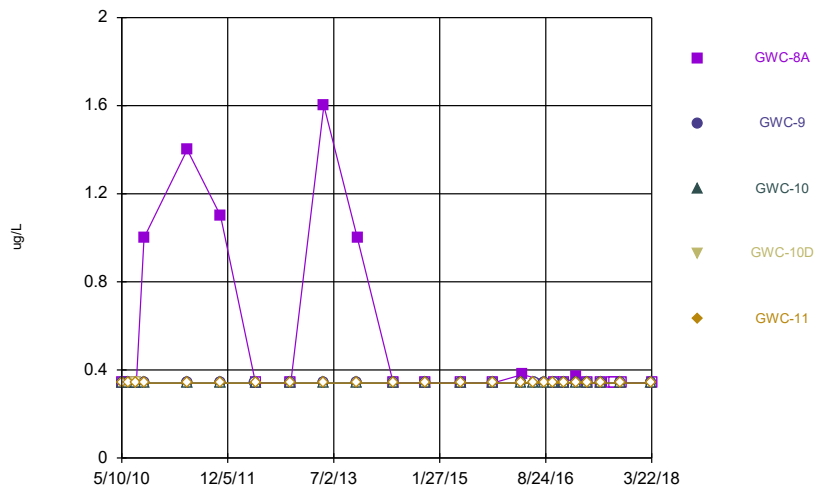
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 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



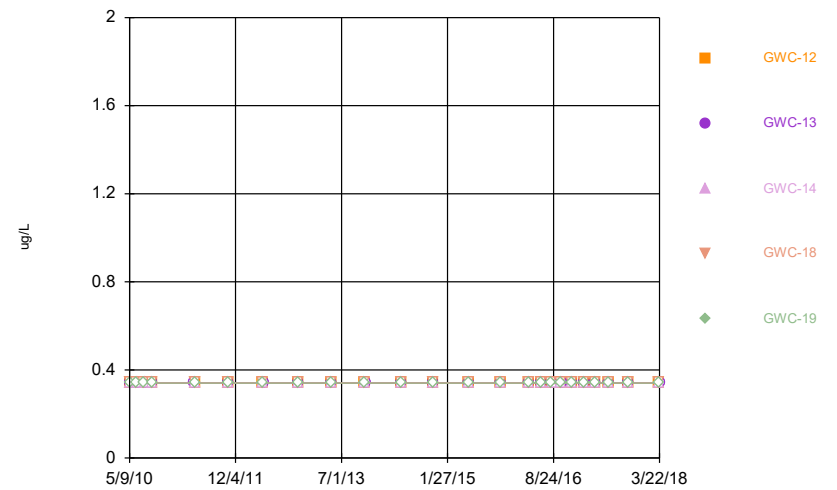
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Time Series



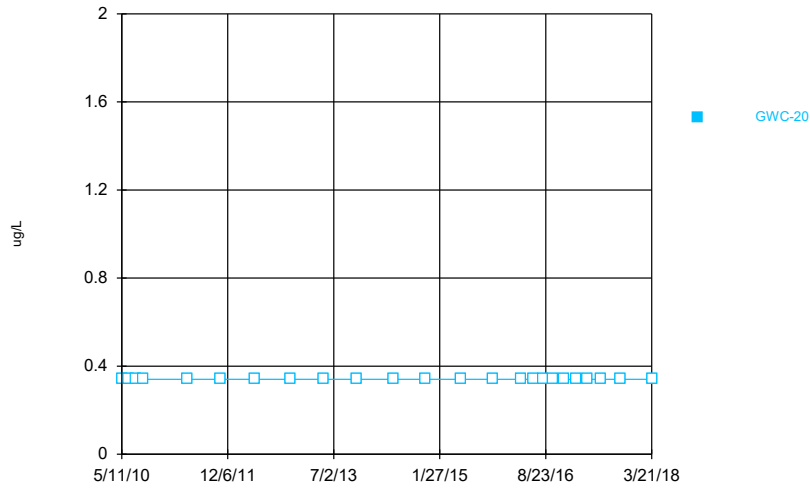
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Time Series



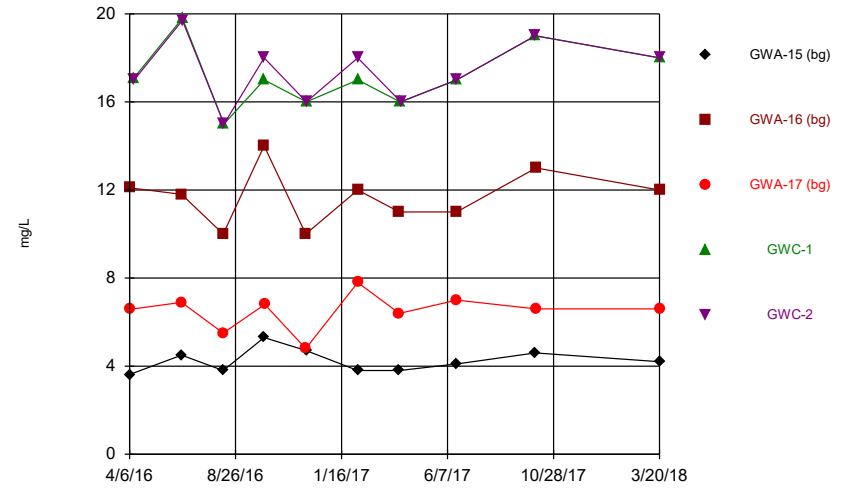
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Time Series



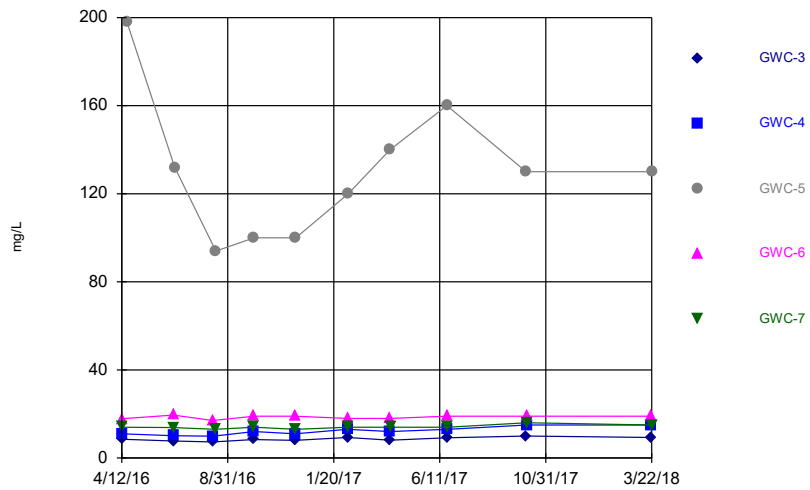
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Time Series



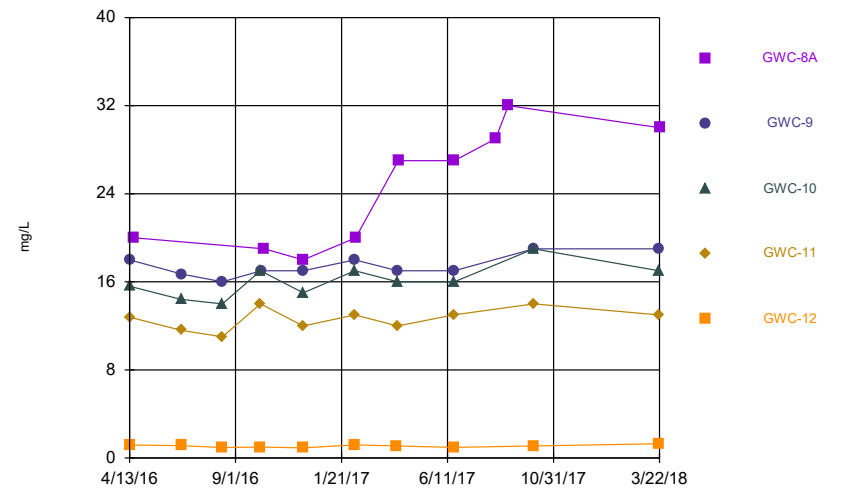
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



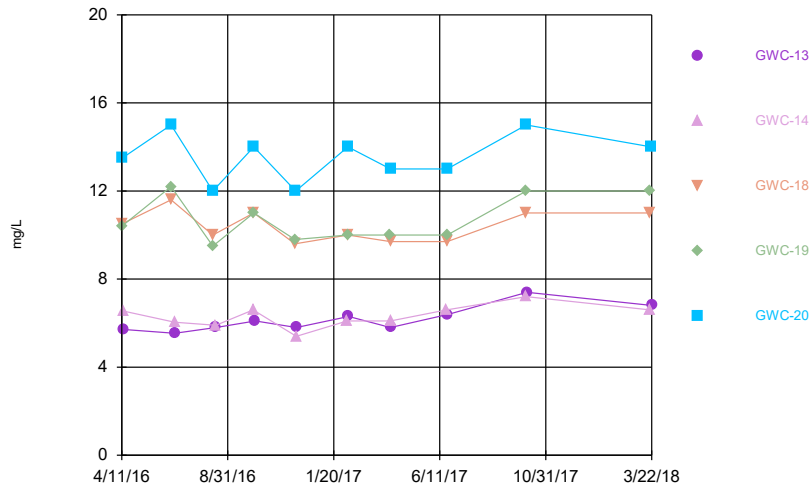
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Time Series



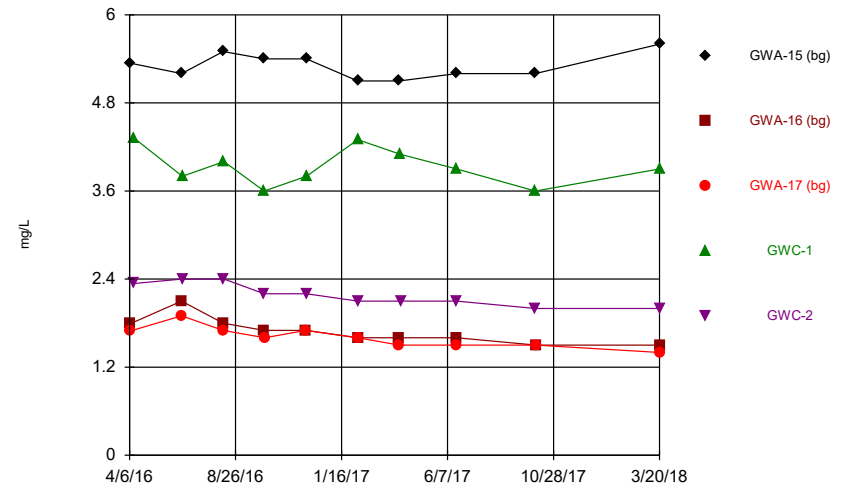
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



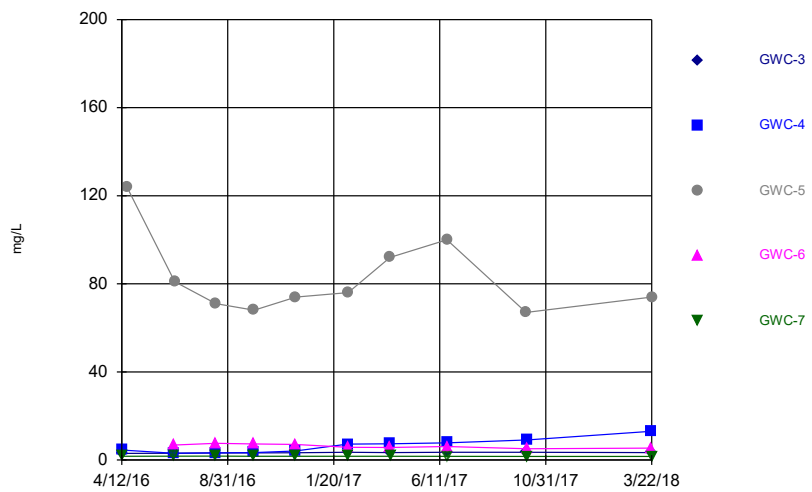
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Time Series



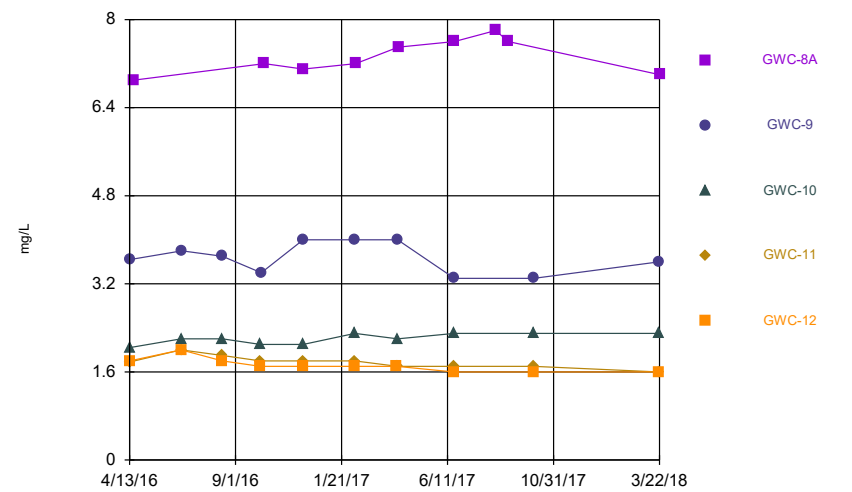
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



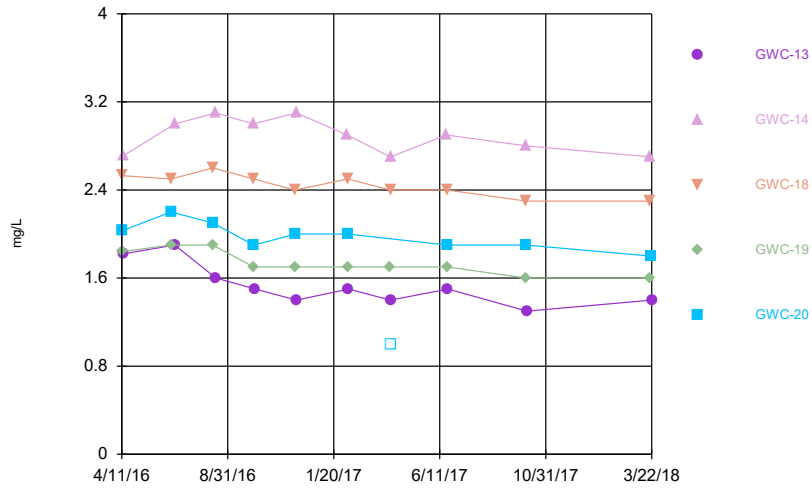
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



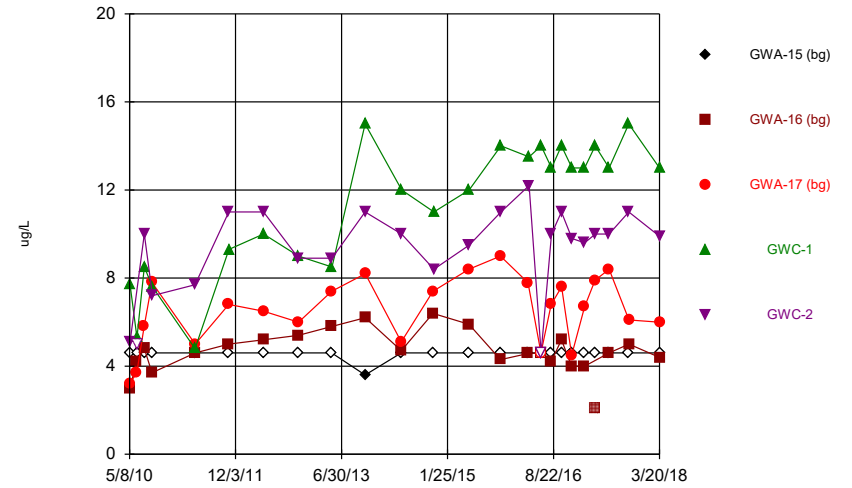
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Time Series



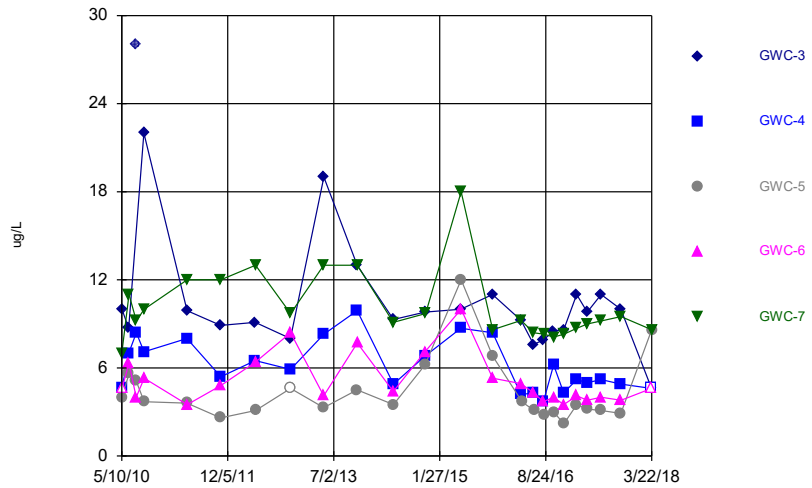
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



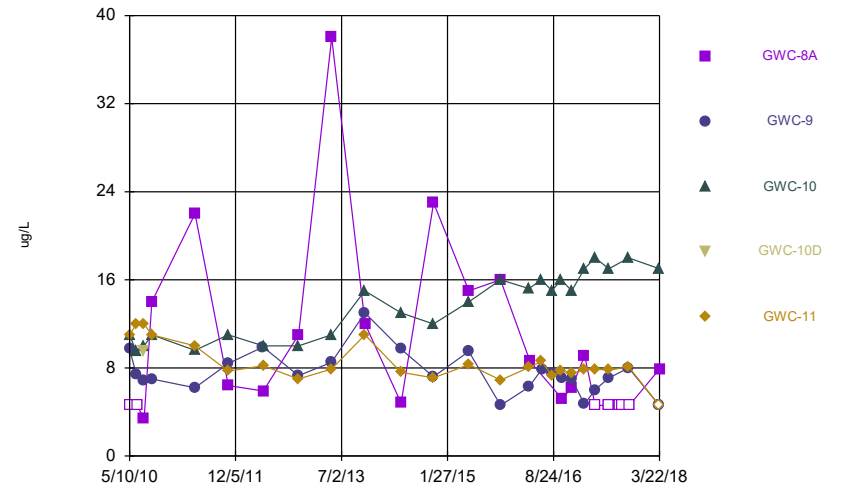
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



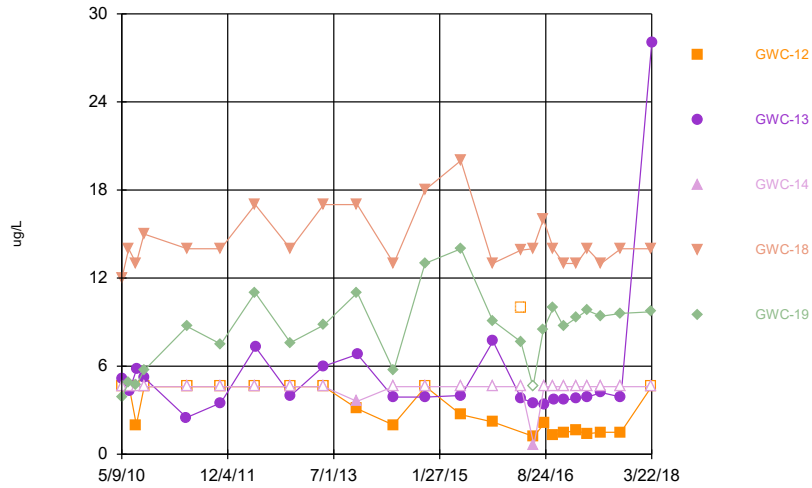
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Time Series



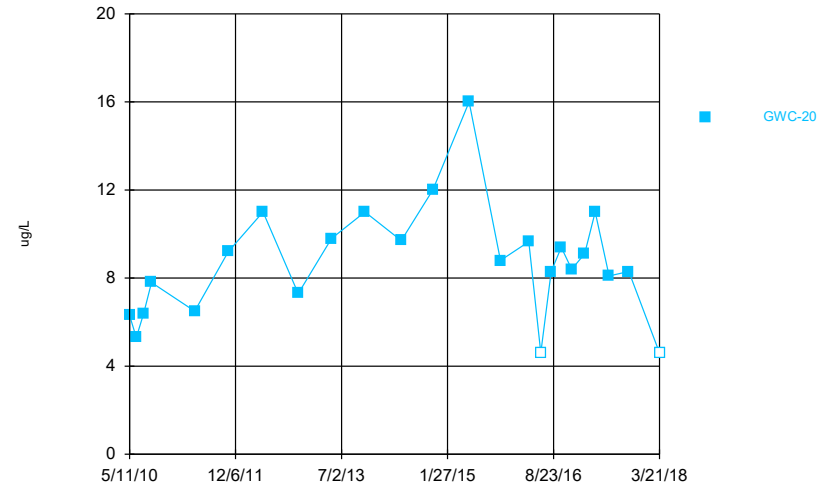
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Time Series



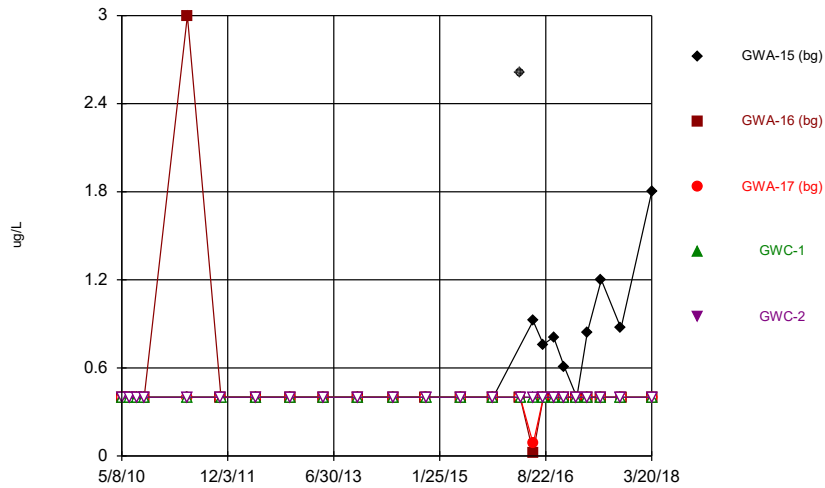
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



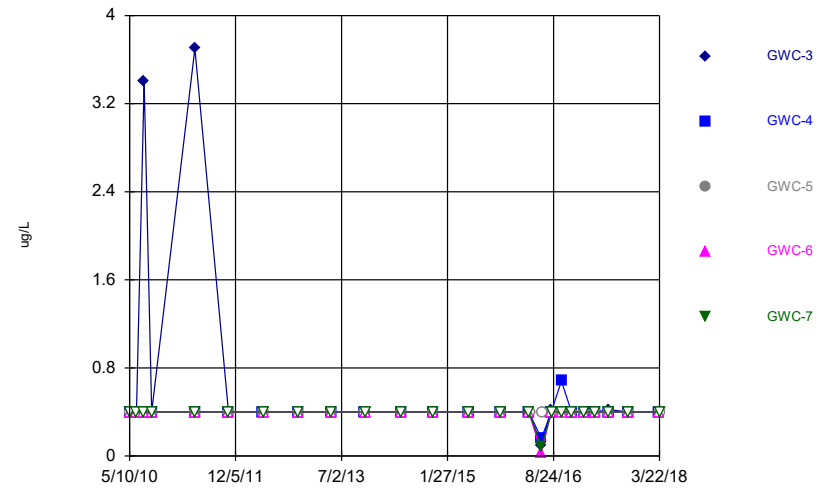
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Time Series



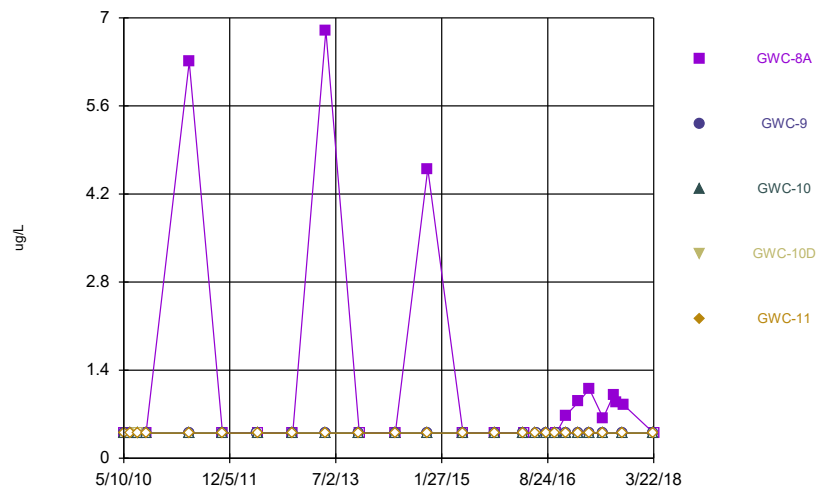
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Time Series



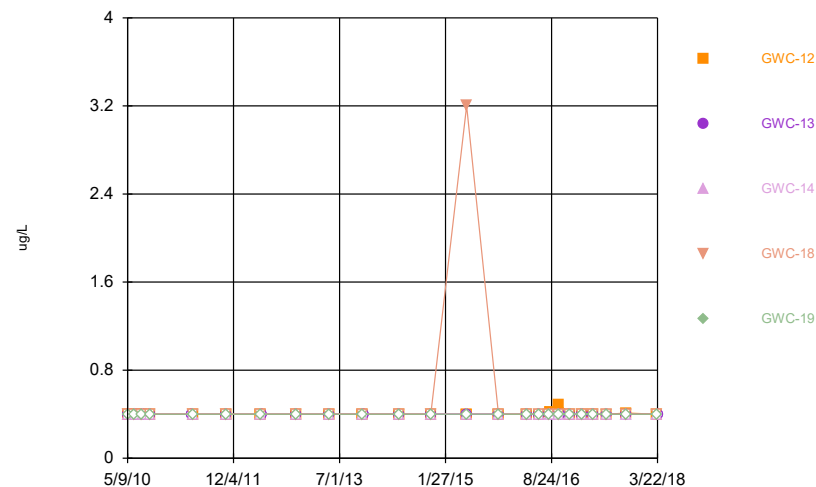
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Time Series



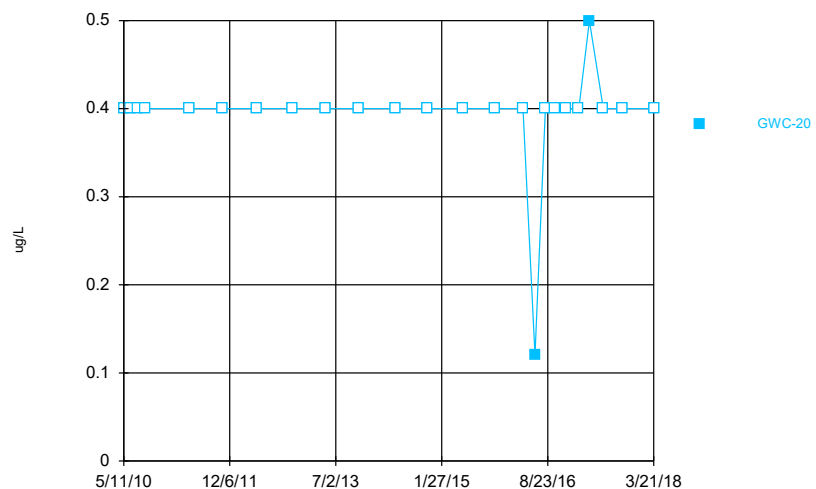
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Time Series



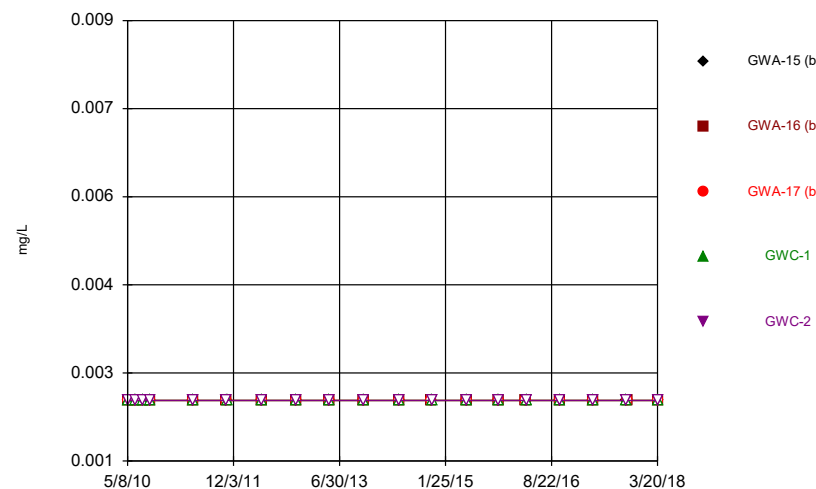
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Time Series



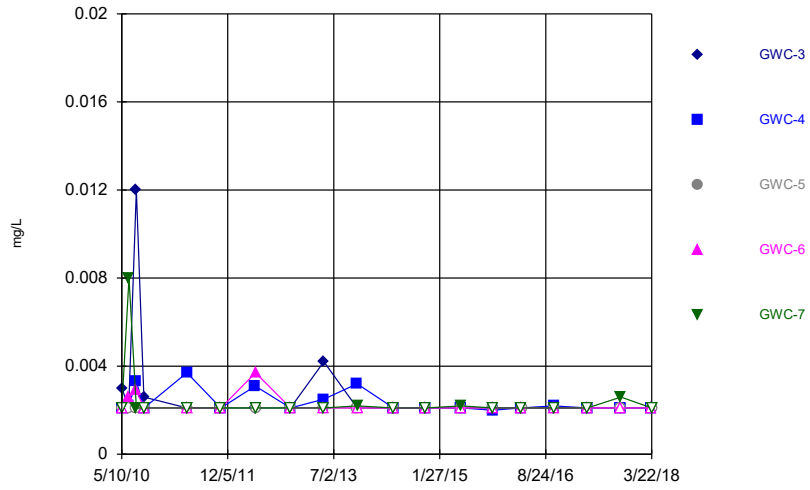
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Time Series



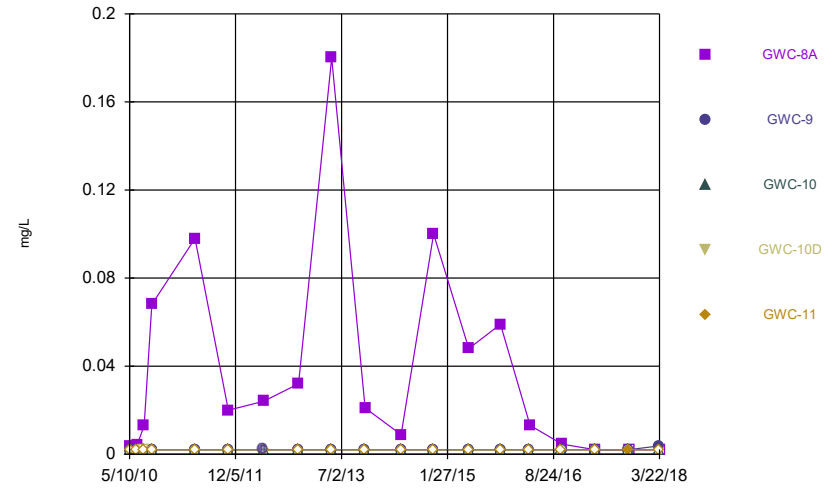
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Time Series



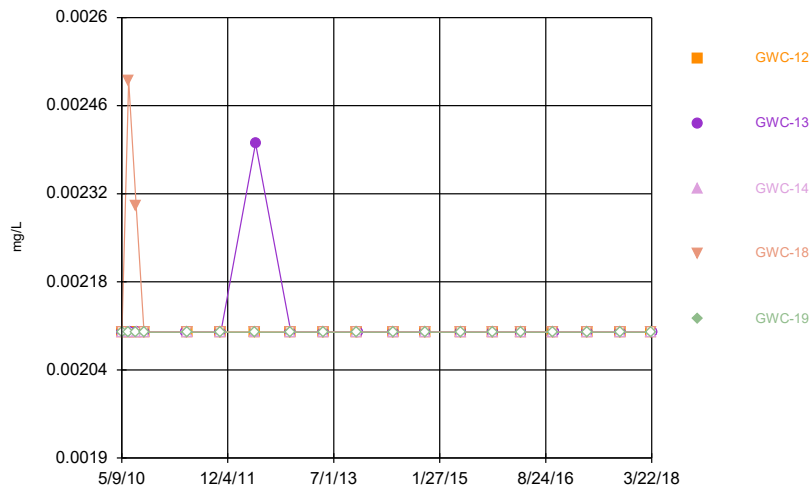
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Time Series



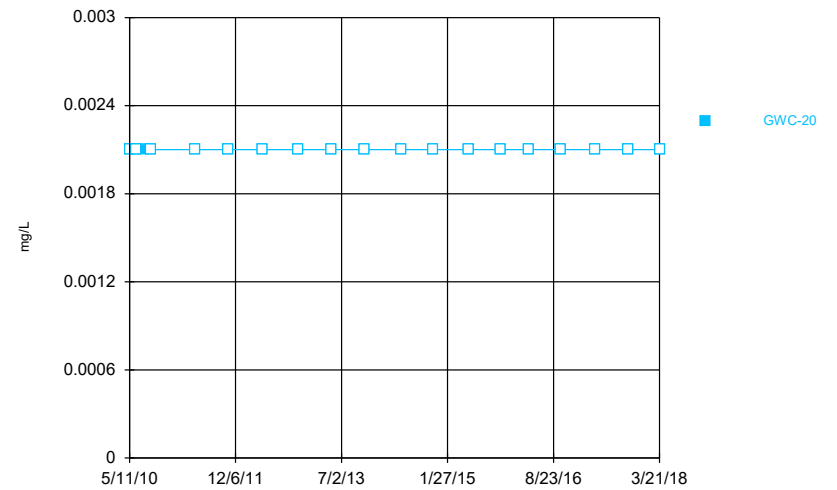
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Time Series



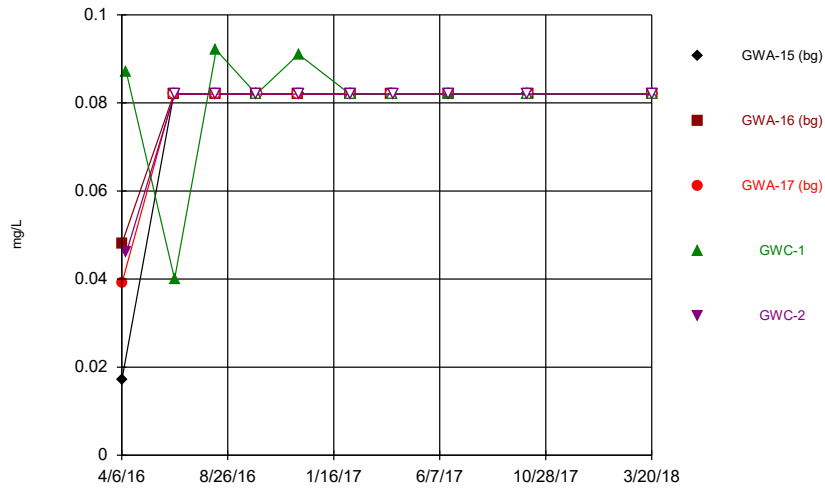
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Time Series



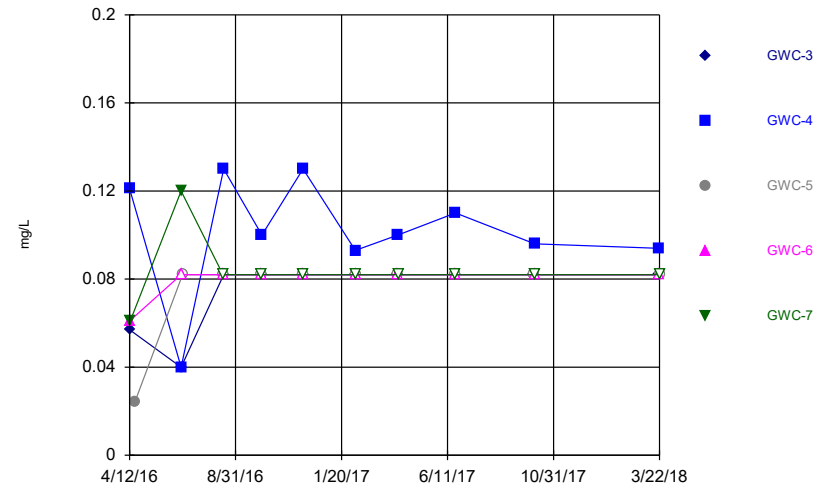
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Time Series



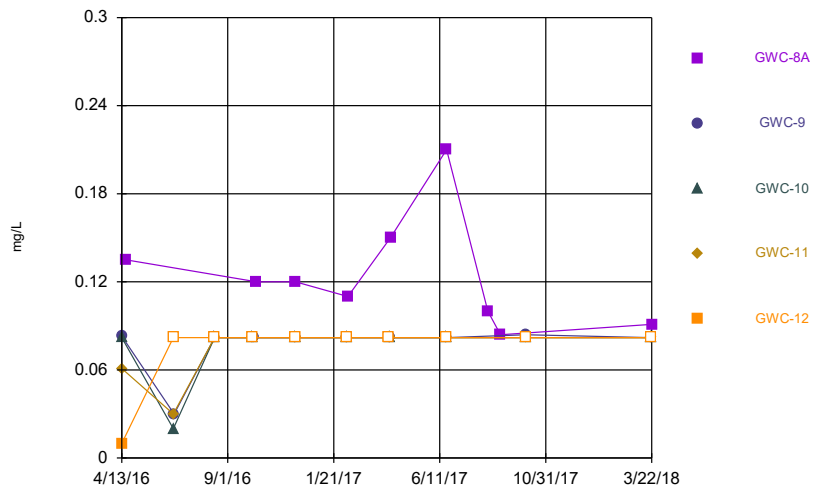
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Time Series



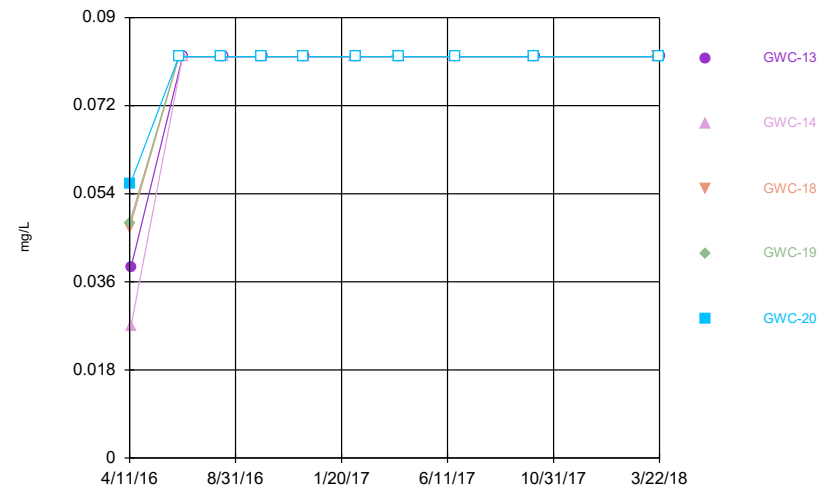
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Time Series



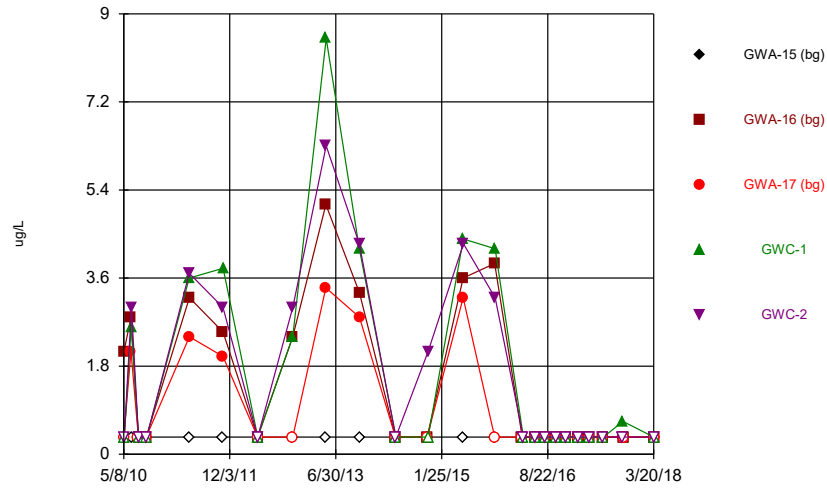
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Time Series



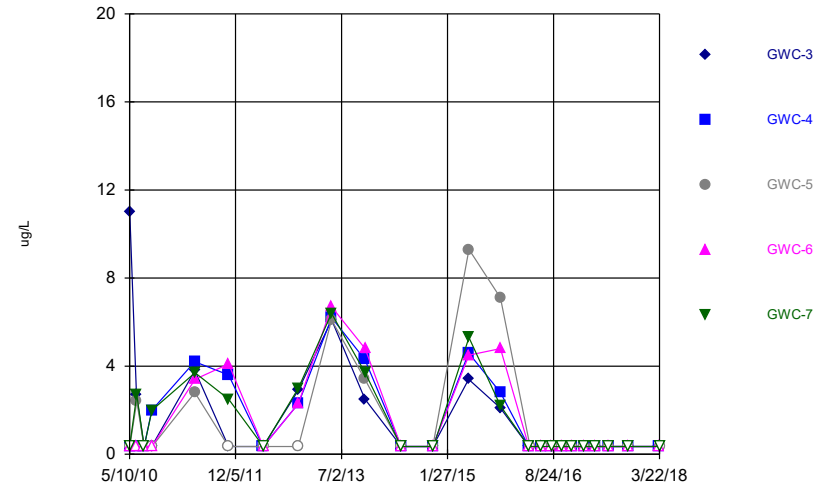
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Time Series



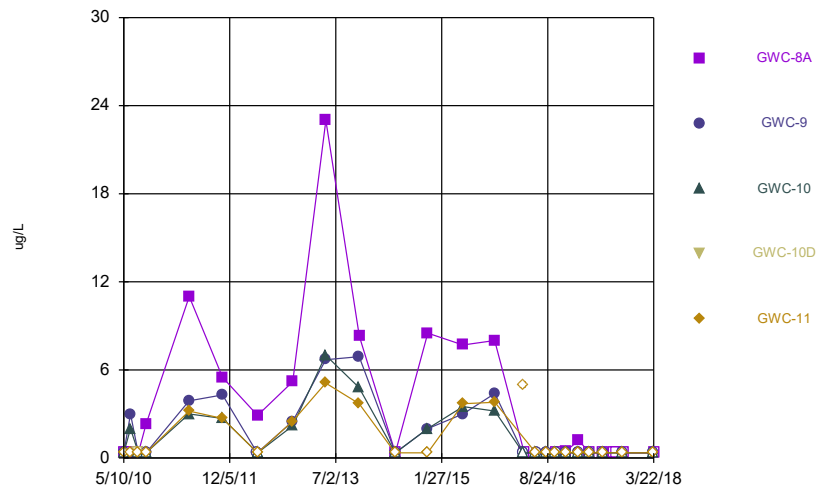
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Time Series



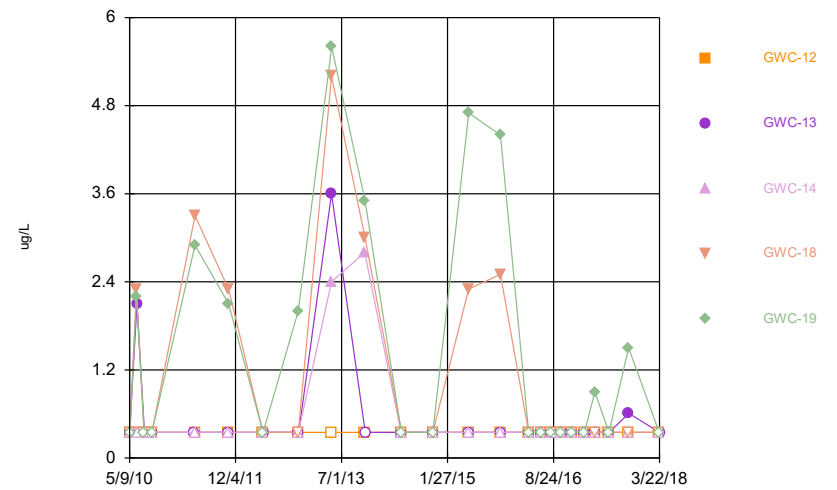
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Time Series



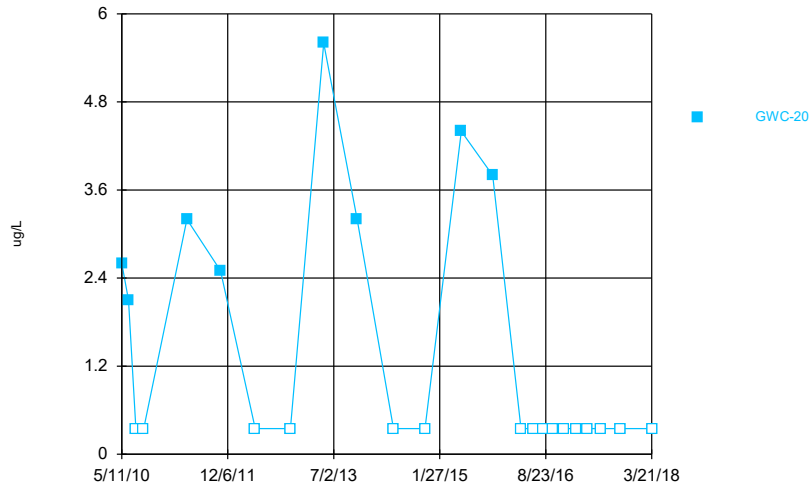
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Time Series



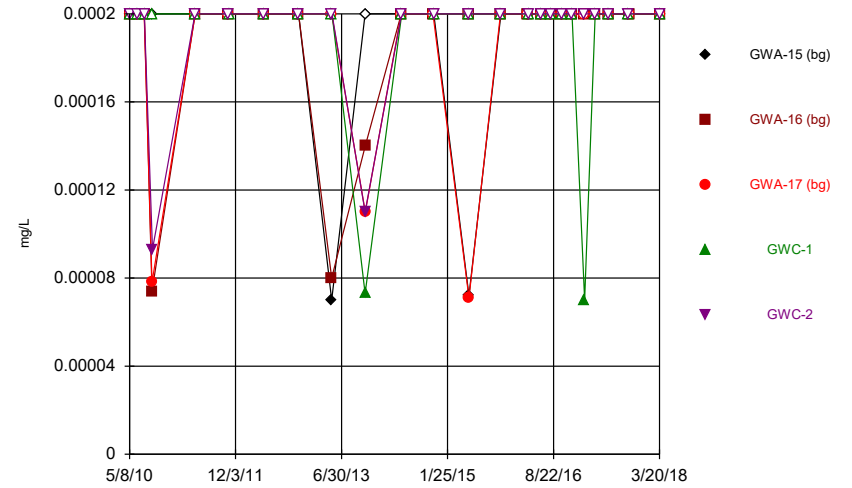
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Time Series



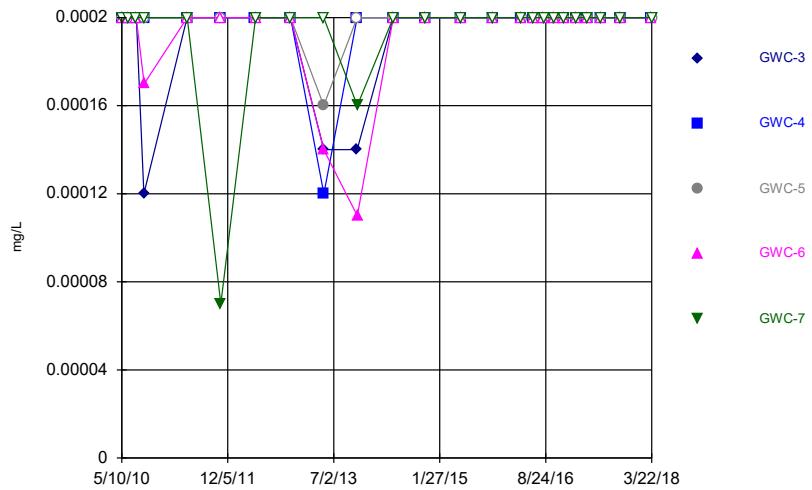
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Time Series



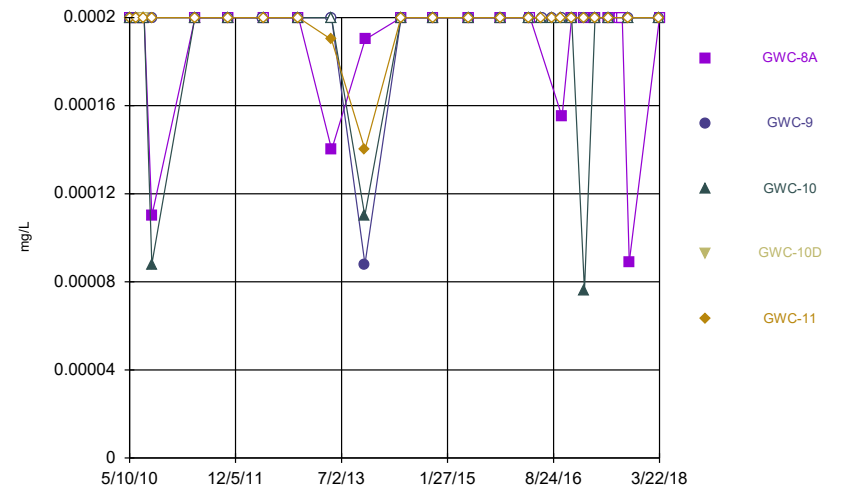
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Time Series



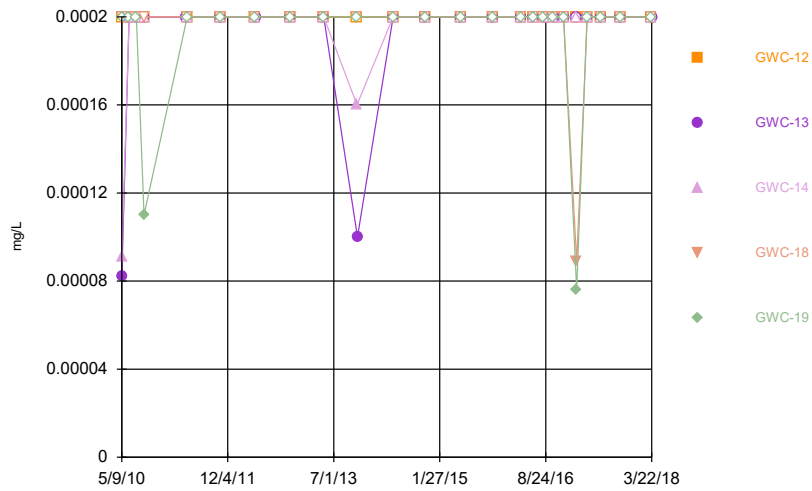
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Time Series



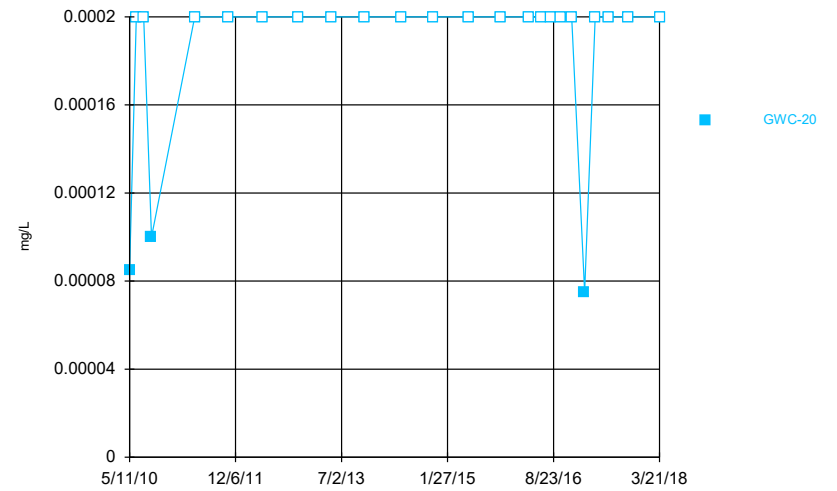
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Time Series



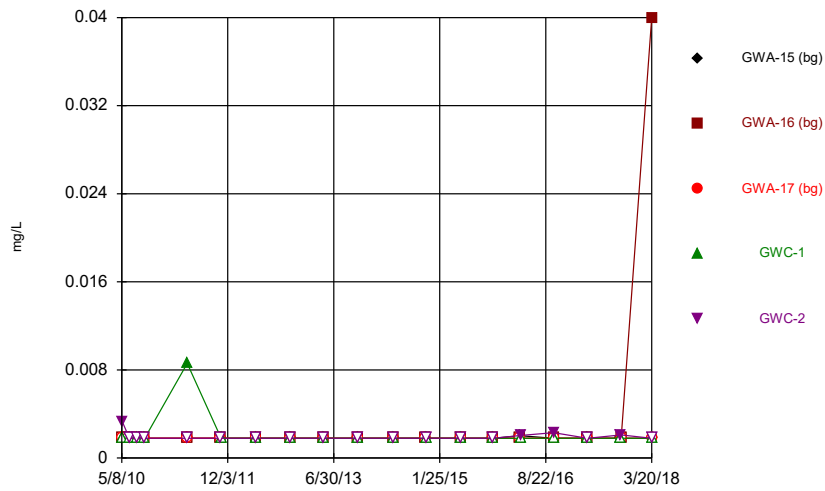
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Time Series



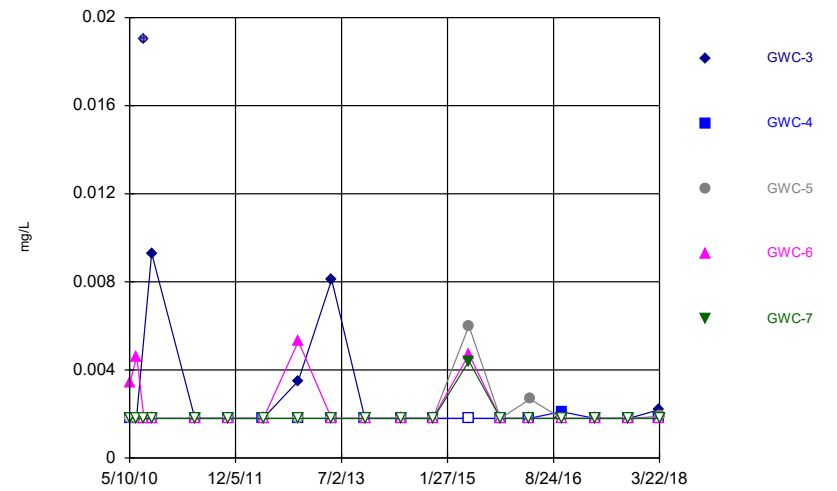
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



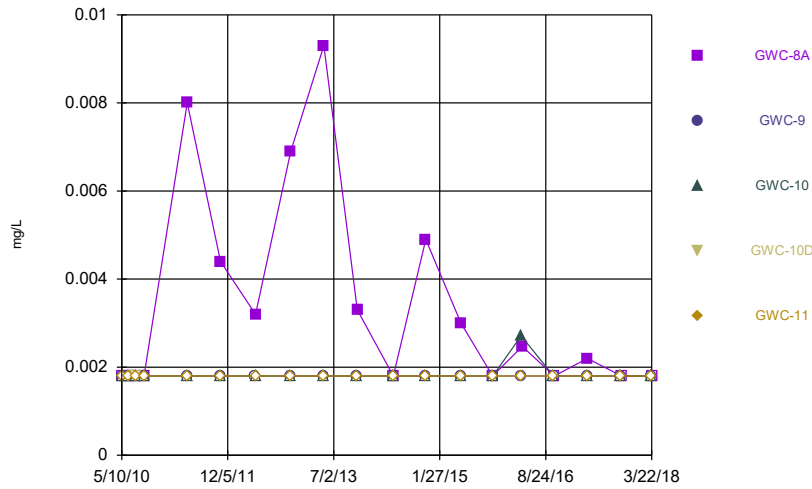
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Time Series



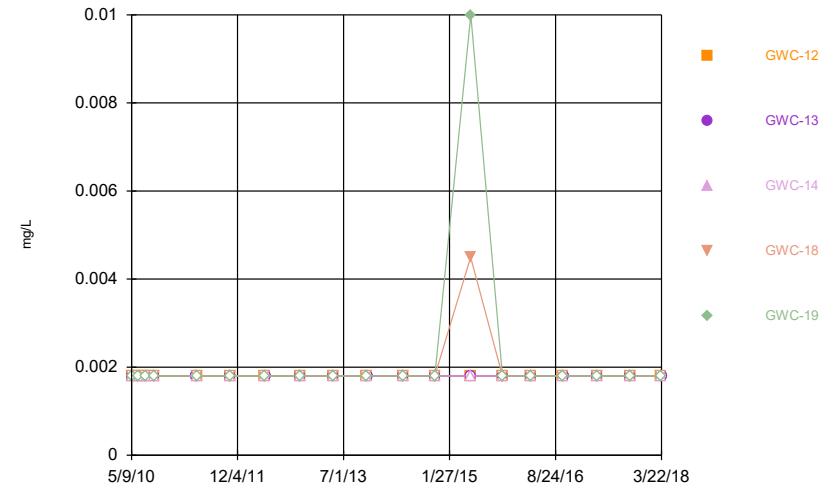
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Time Series



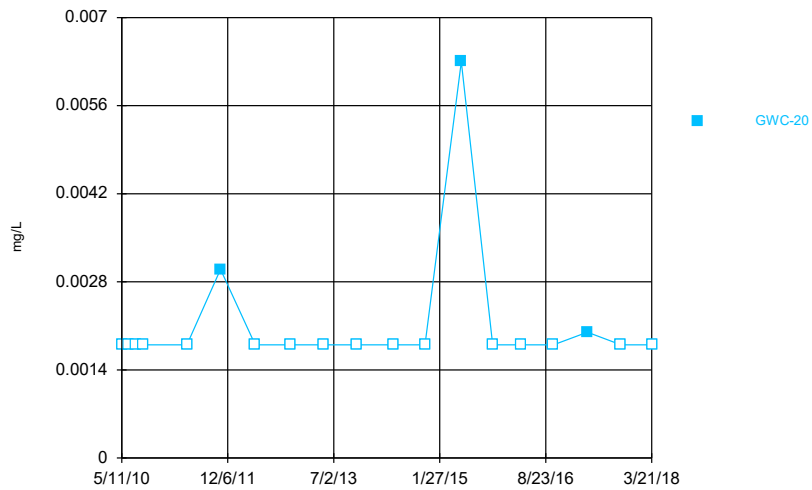
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Time Series



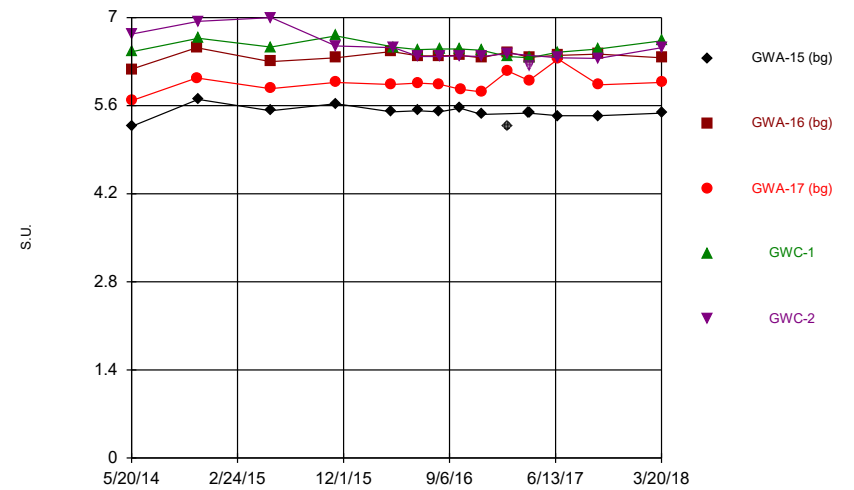
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Time Series



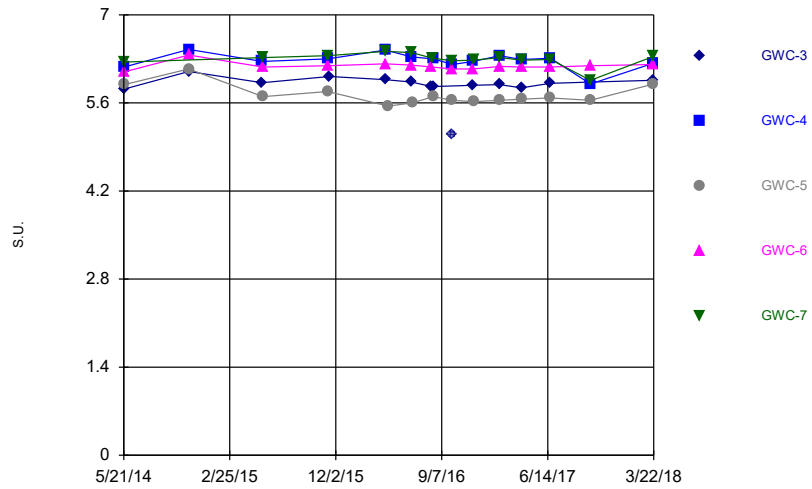
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Time Series



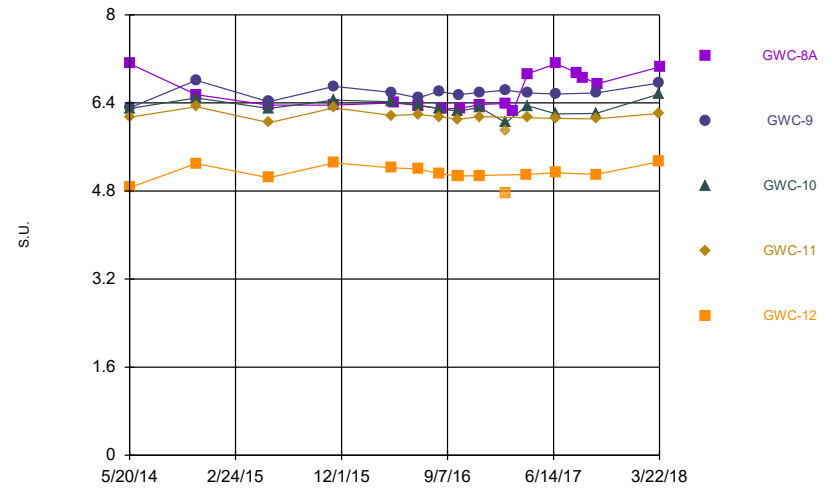
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Time Series



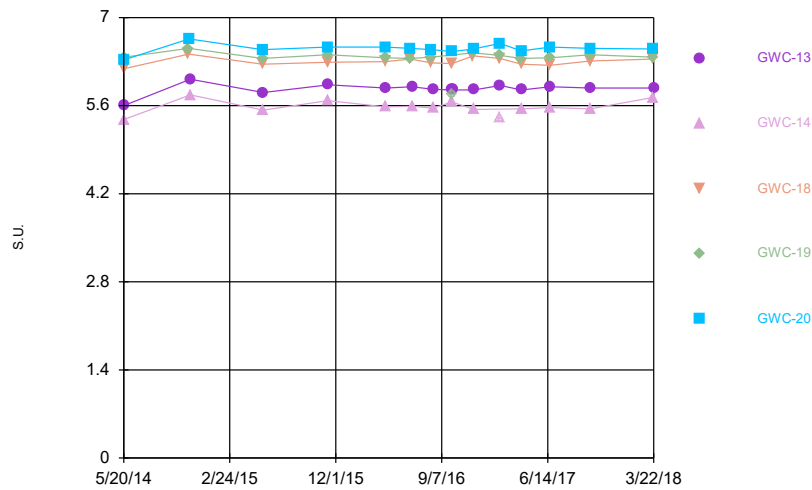
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Time Series



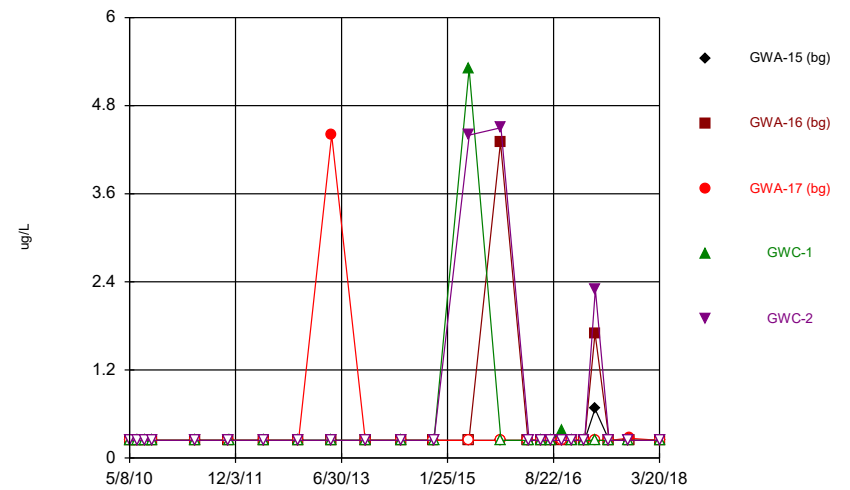
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Time Series



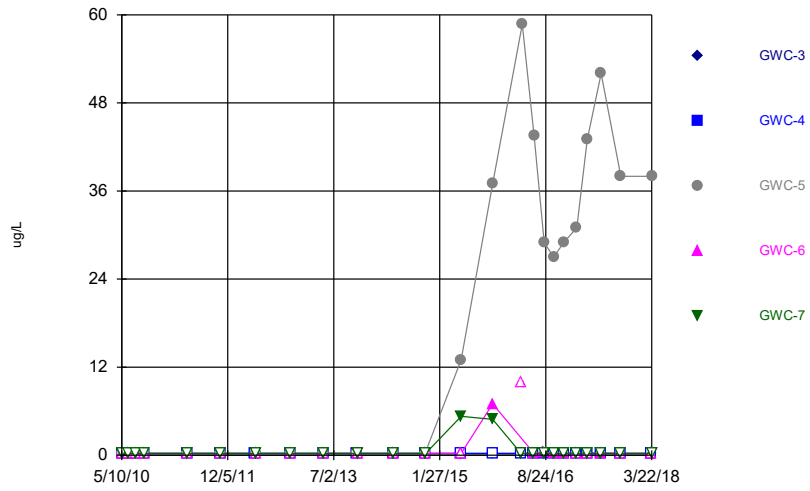
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Time Series



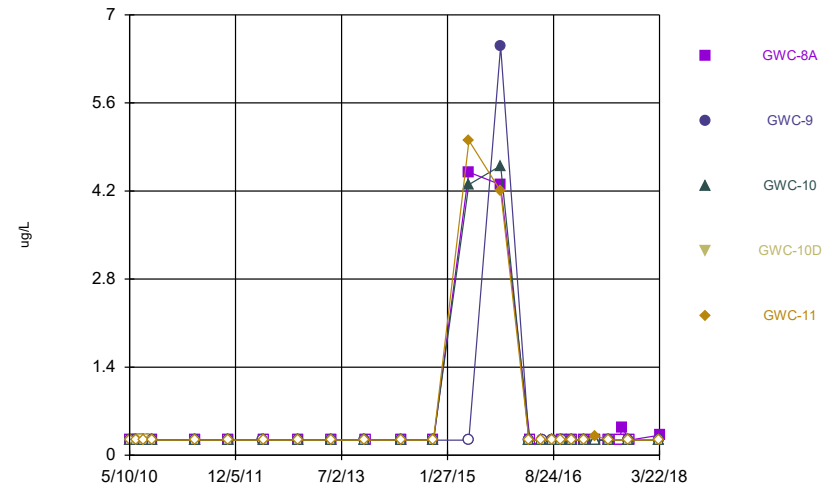
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Time Series



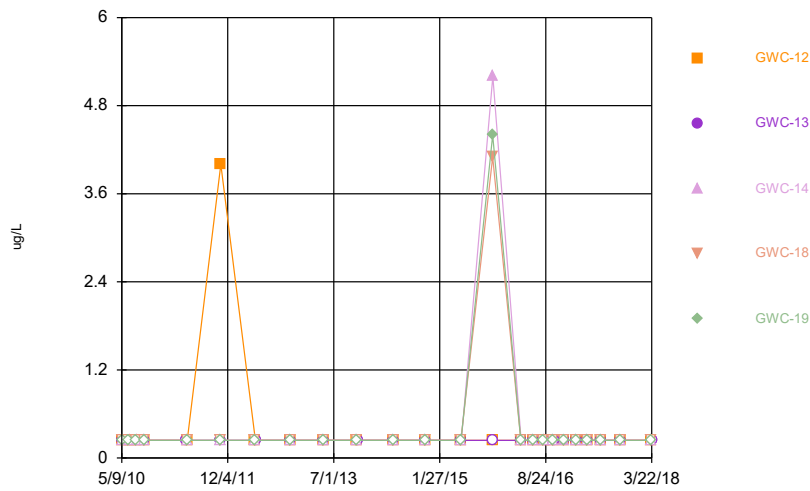
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Time Series



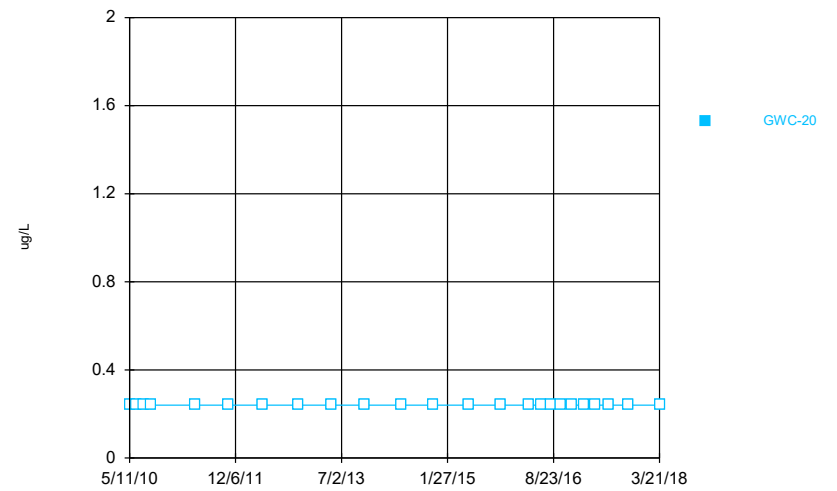
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Time Series



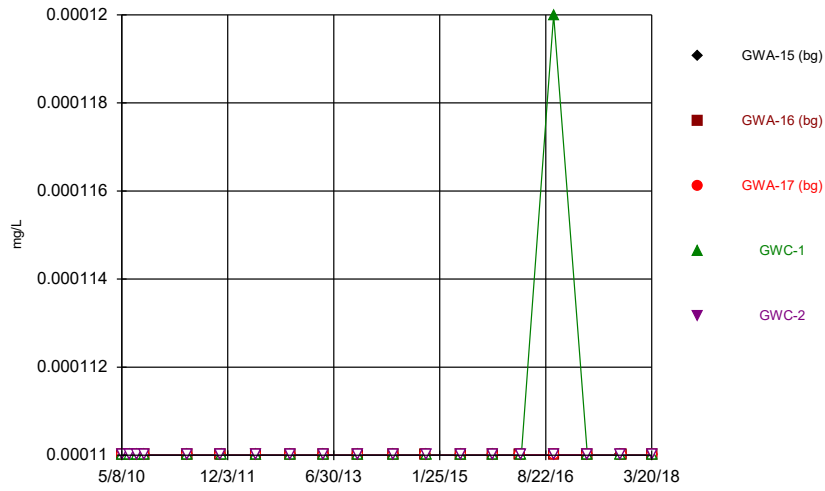
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Time Series

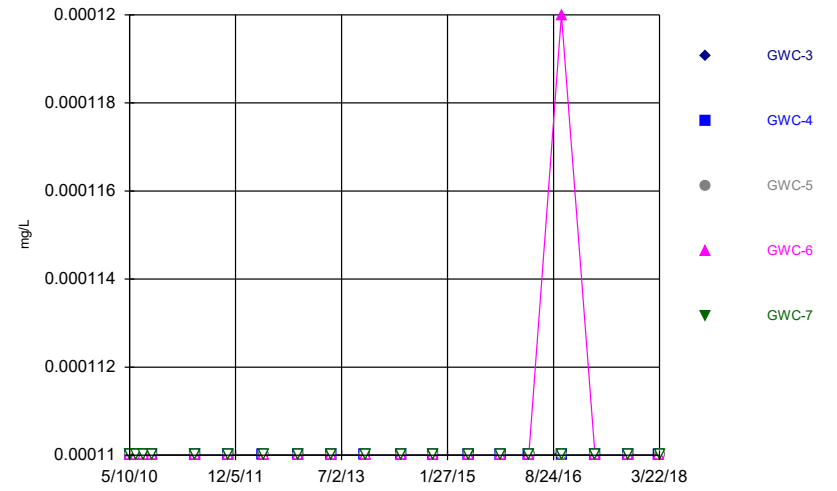


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

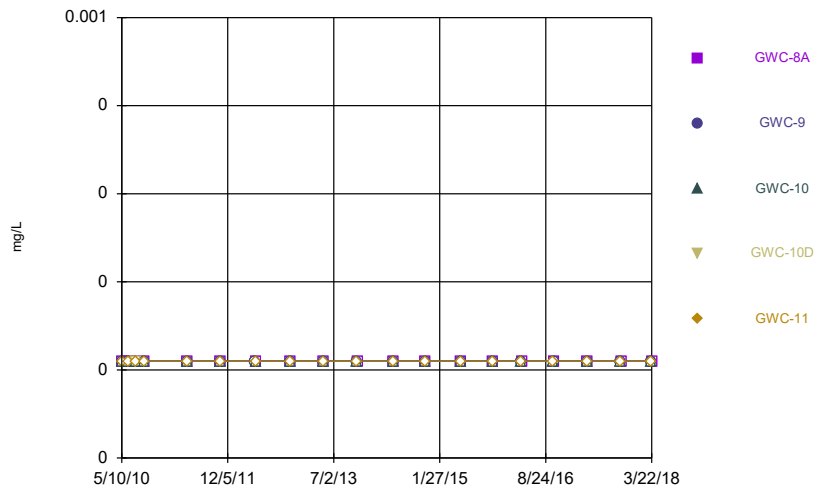
Time Series



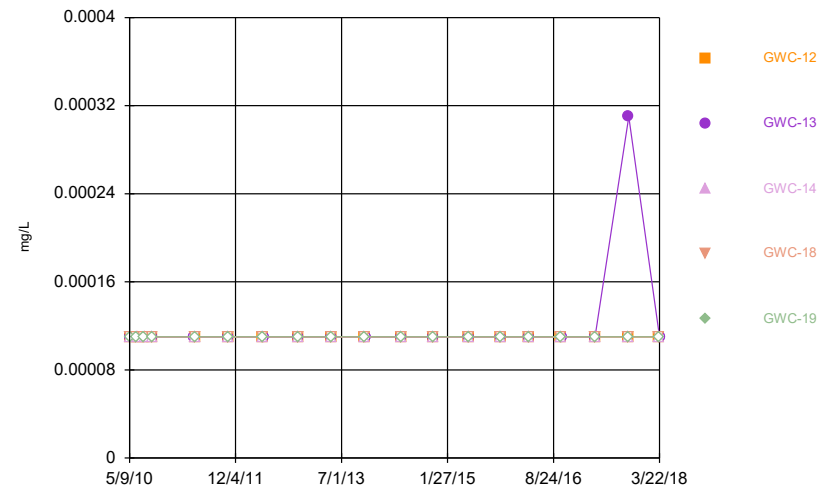
Time Series



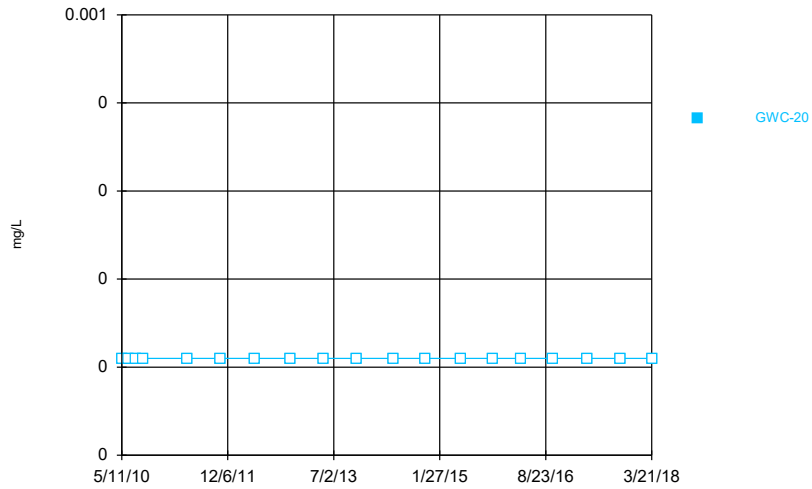
Time Series



Time Series

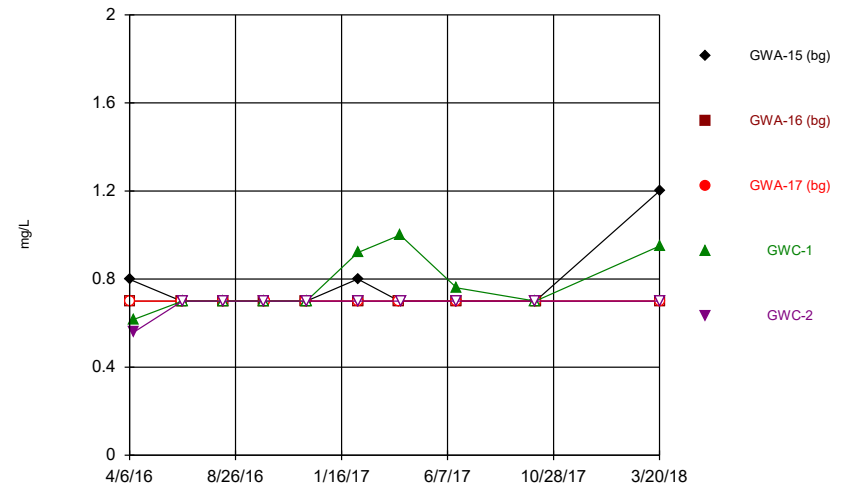


Time Series



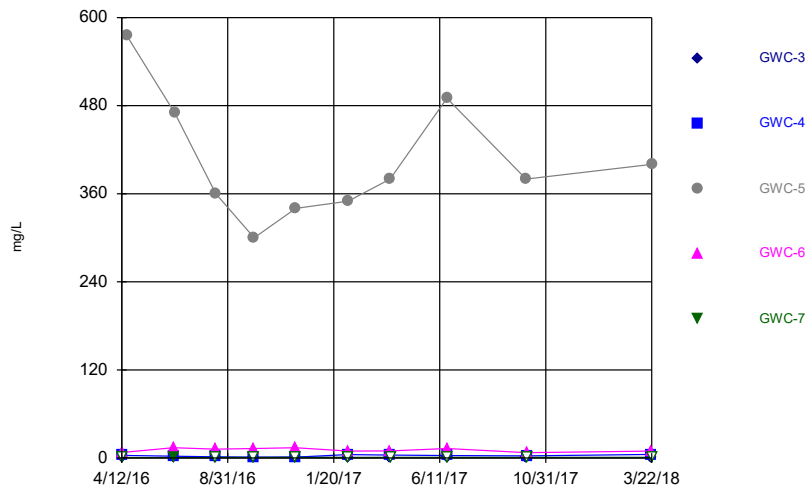
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



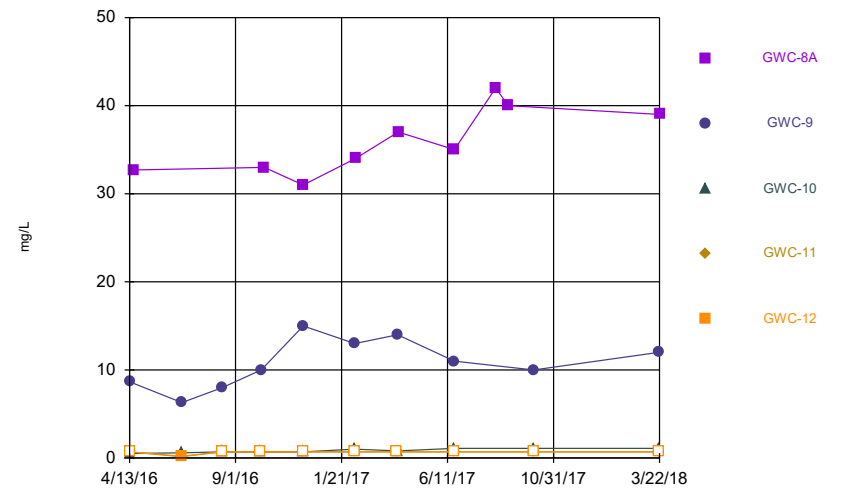
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



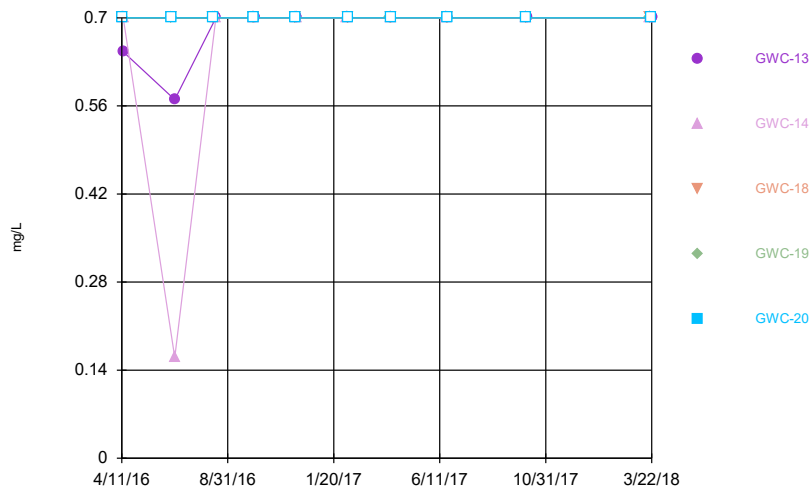
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



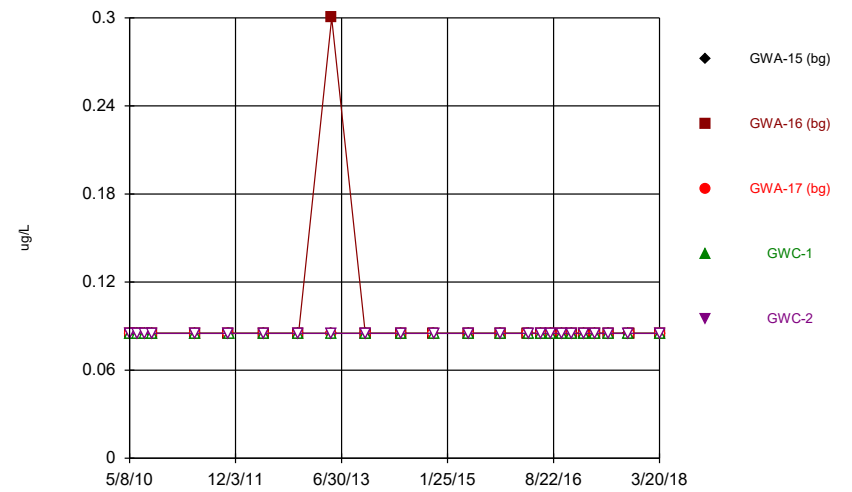
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



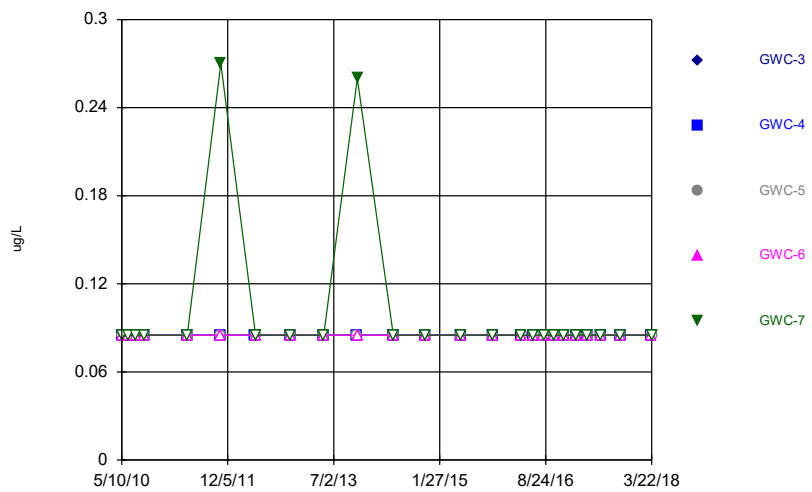
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Time Series



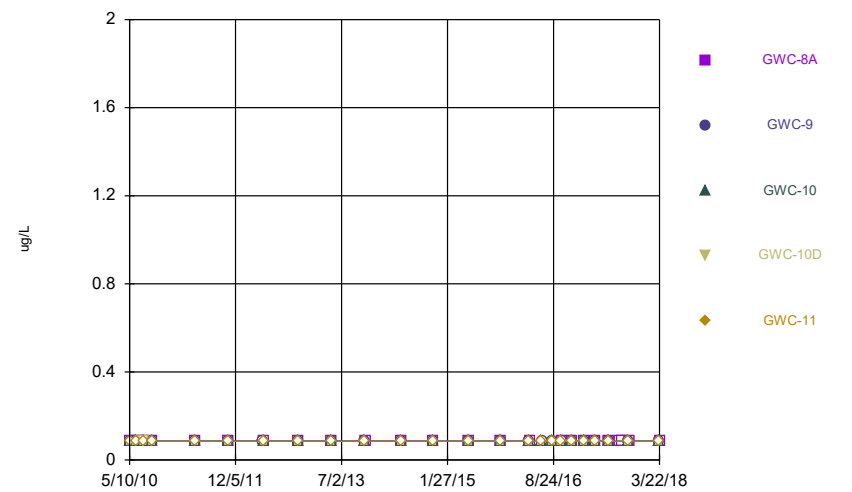
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



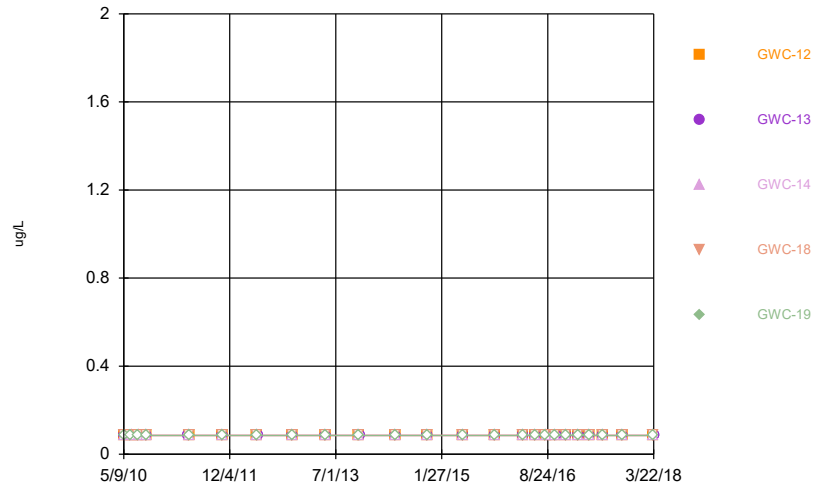
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Time Series



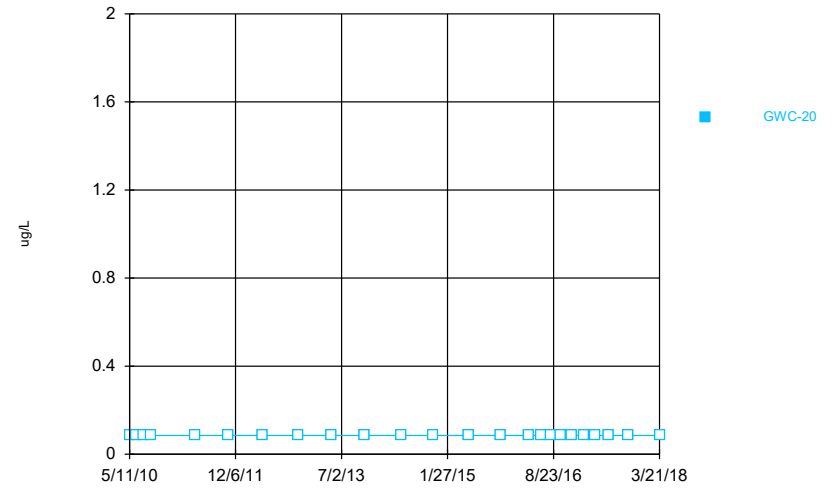
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



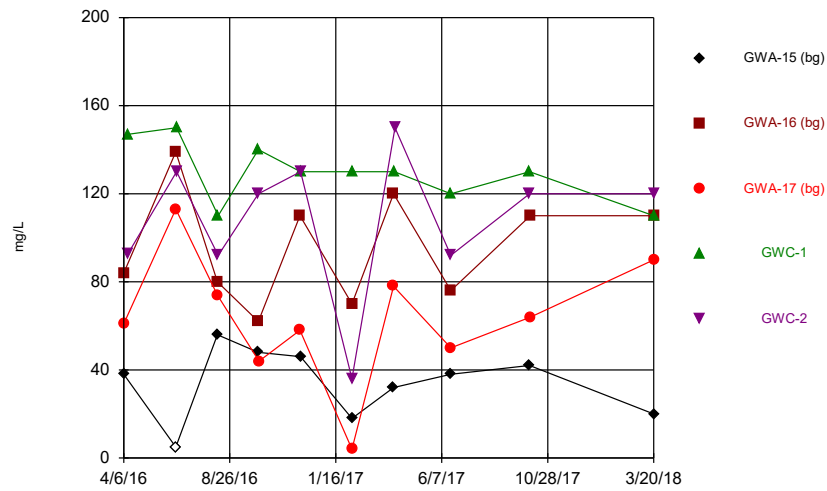
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



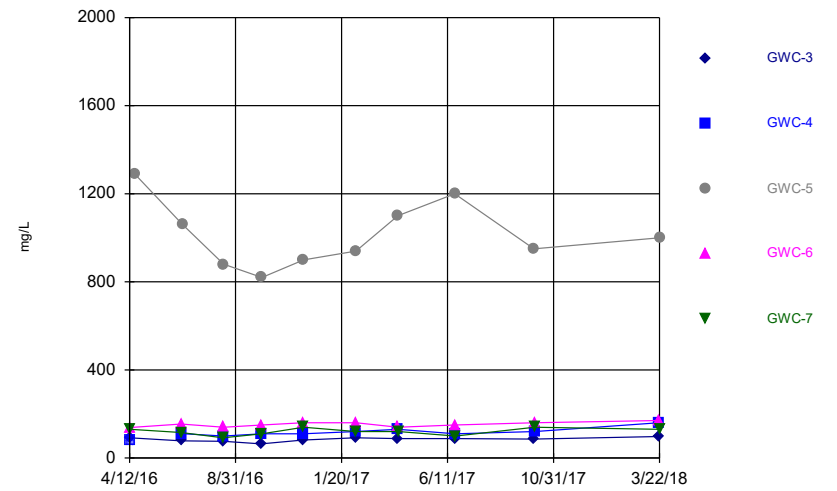
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



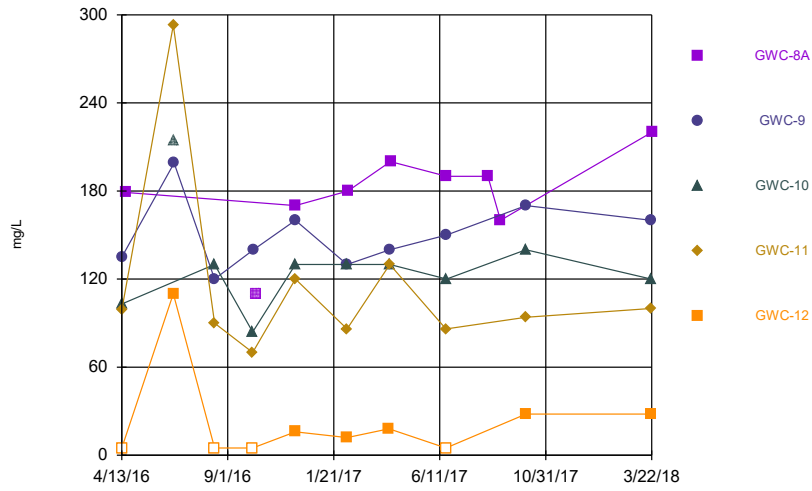
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



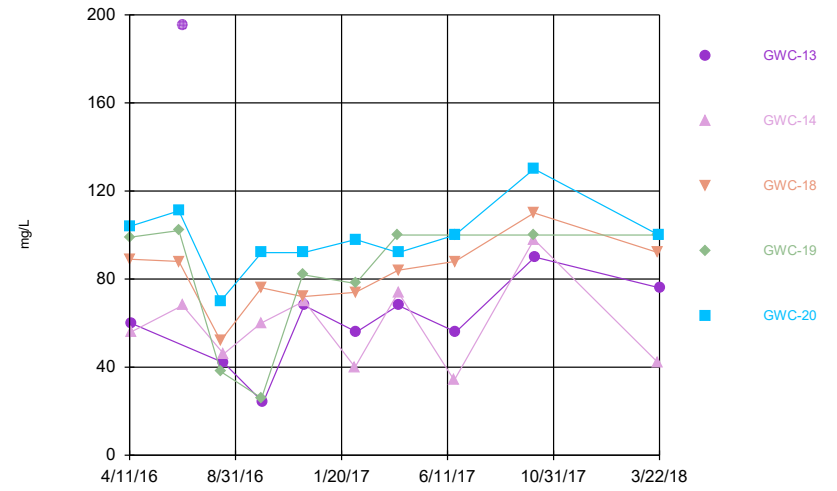
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



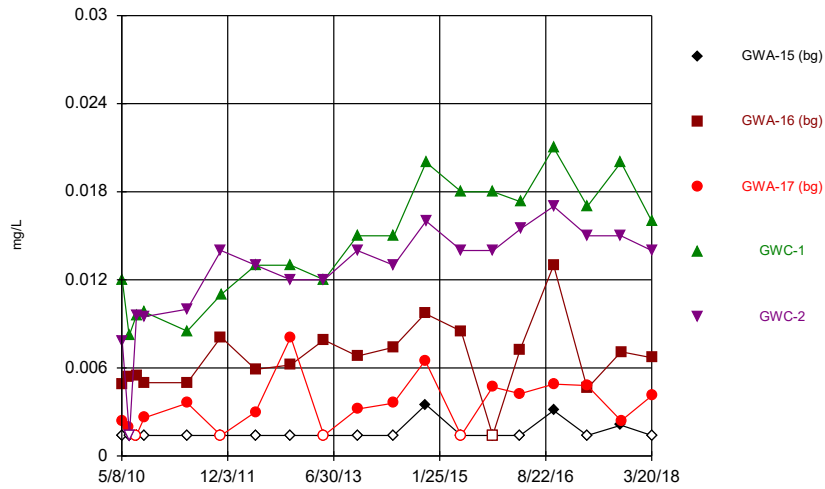
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



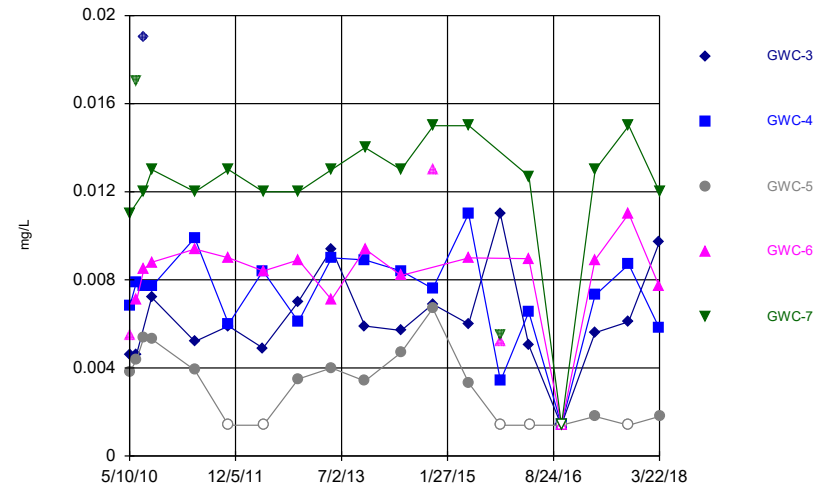
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



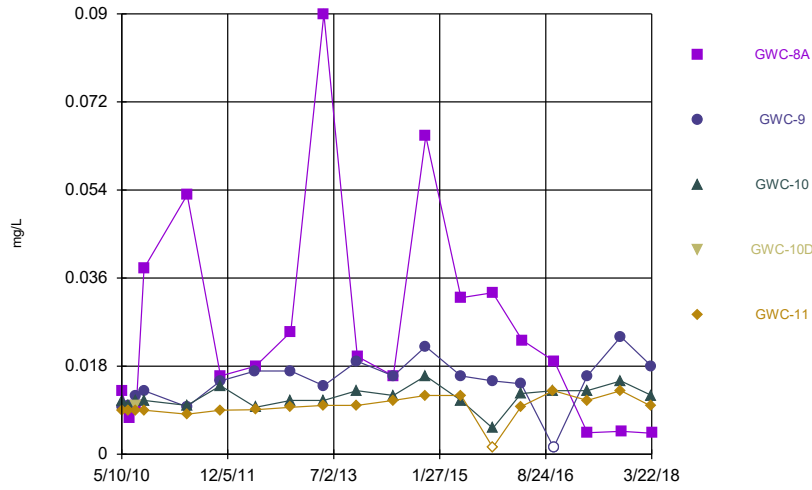
Constituent: Vanadium Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



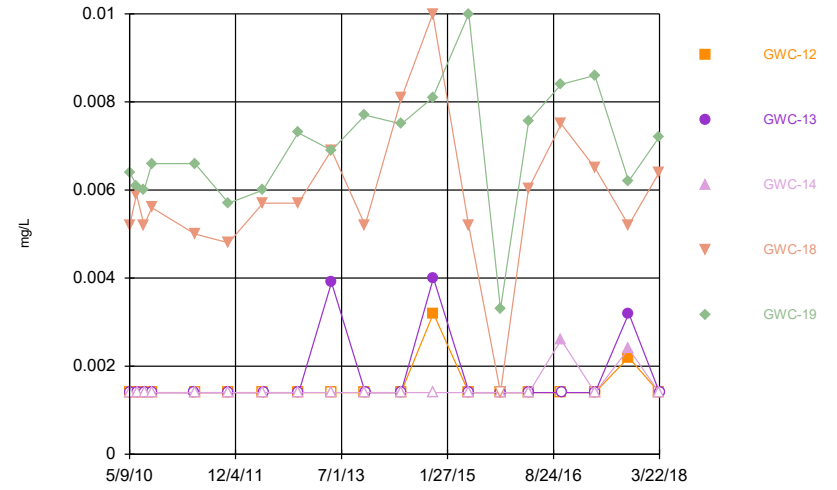
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



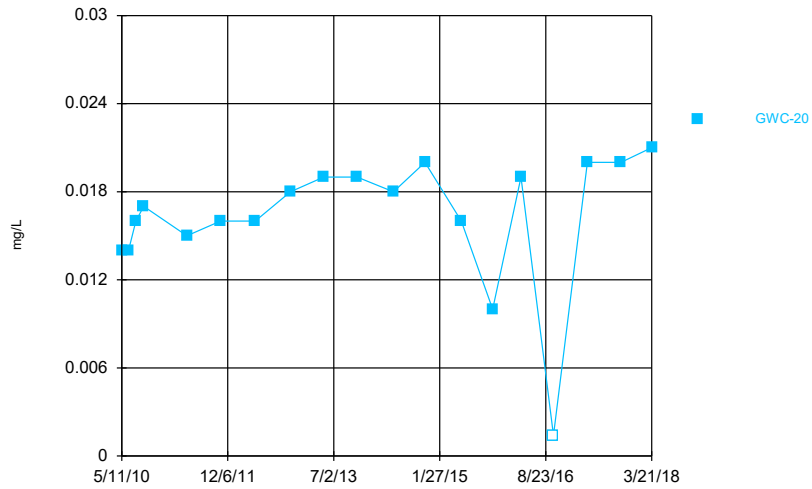
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



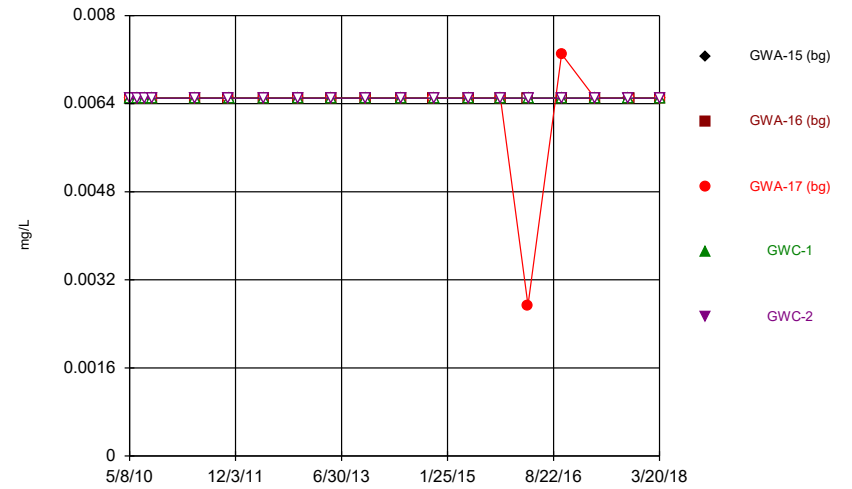
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Time Series



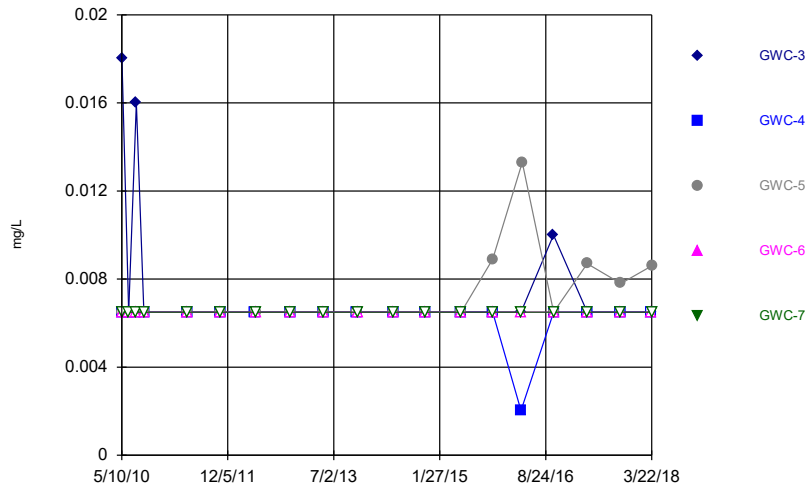
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



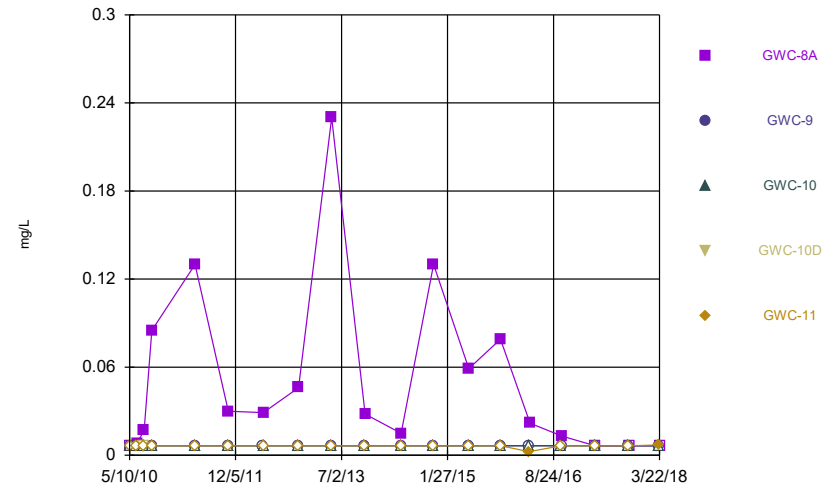
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



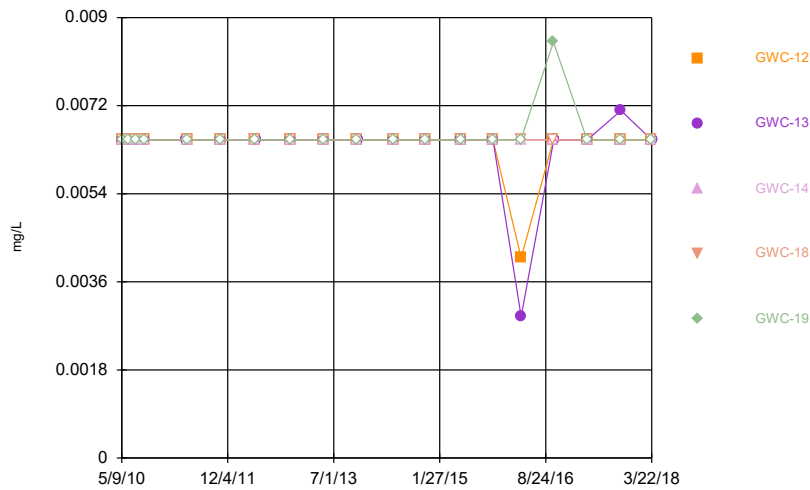
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



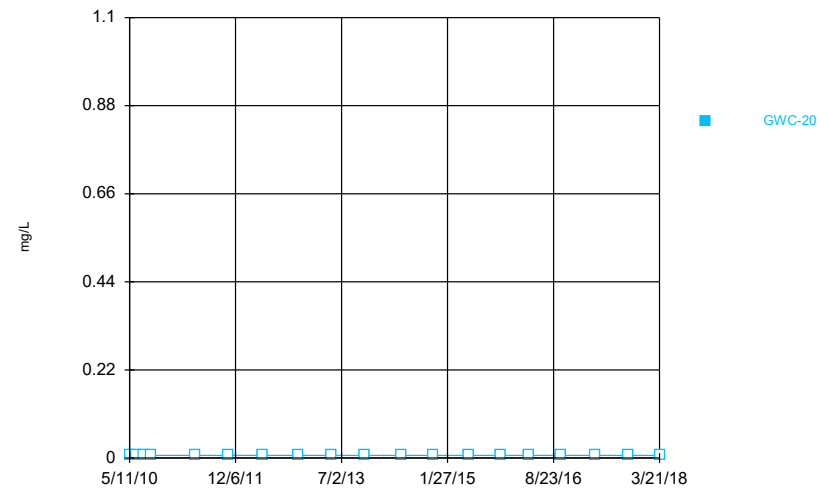
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



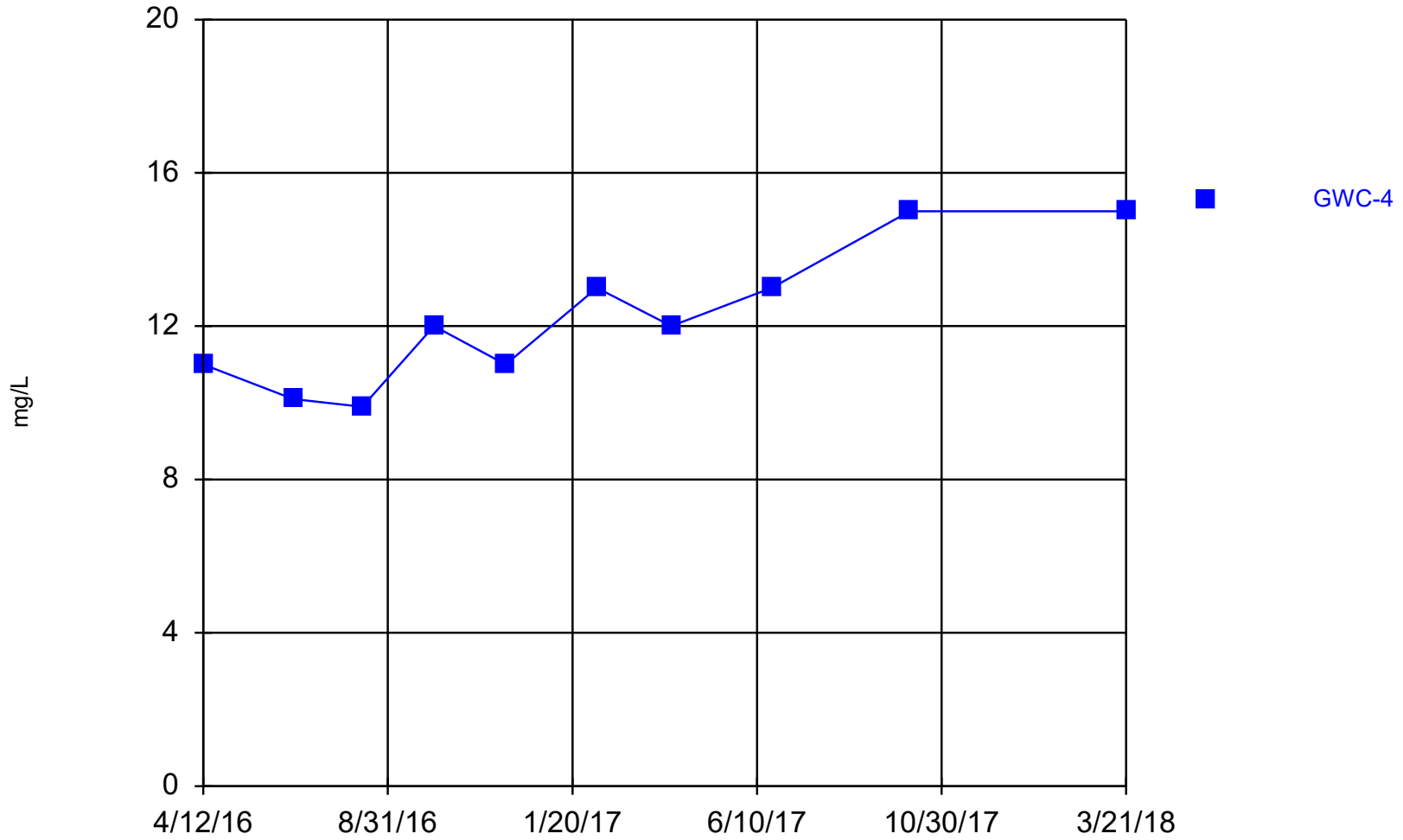
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



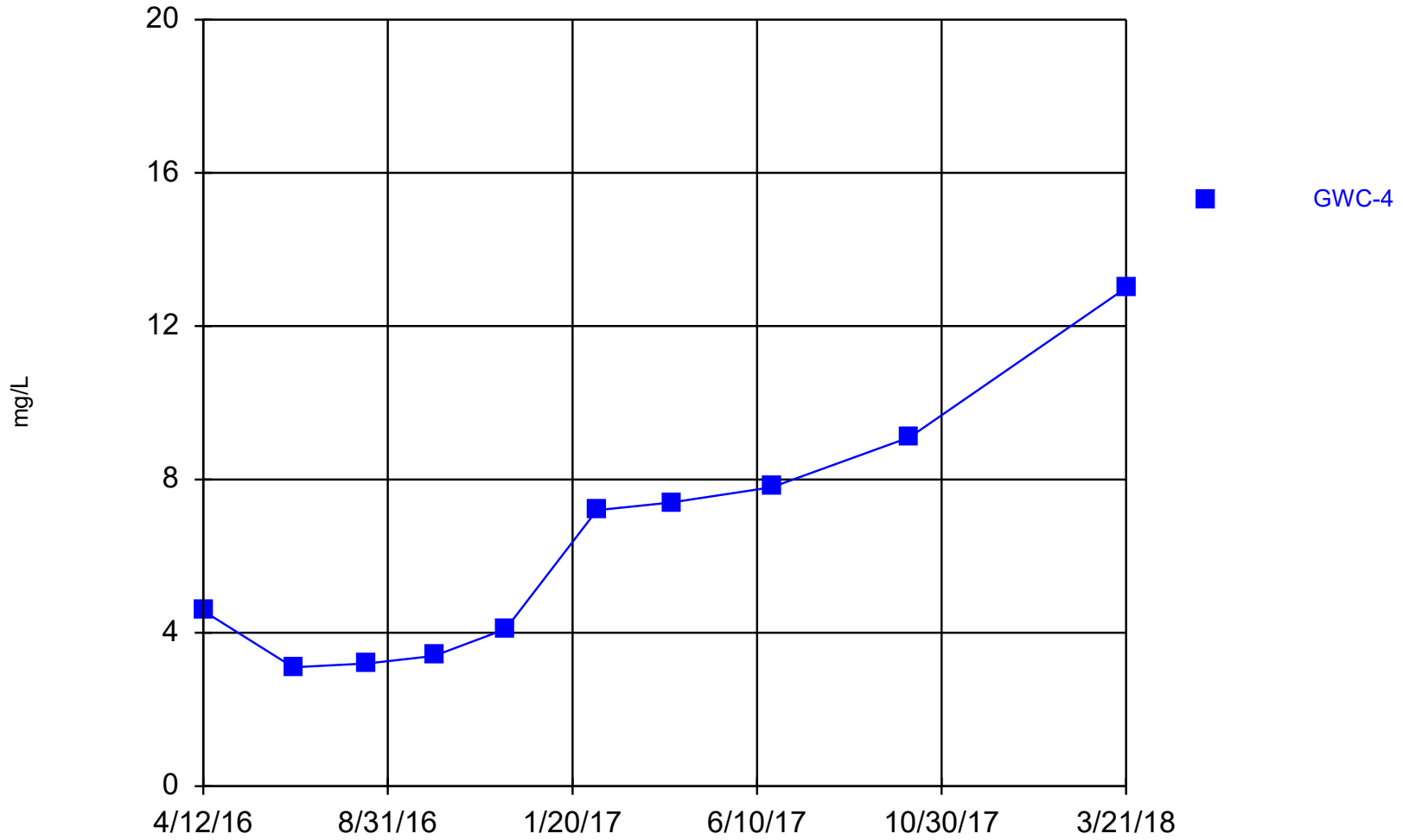
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Time Series



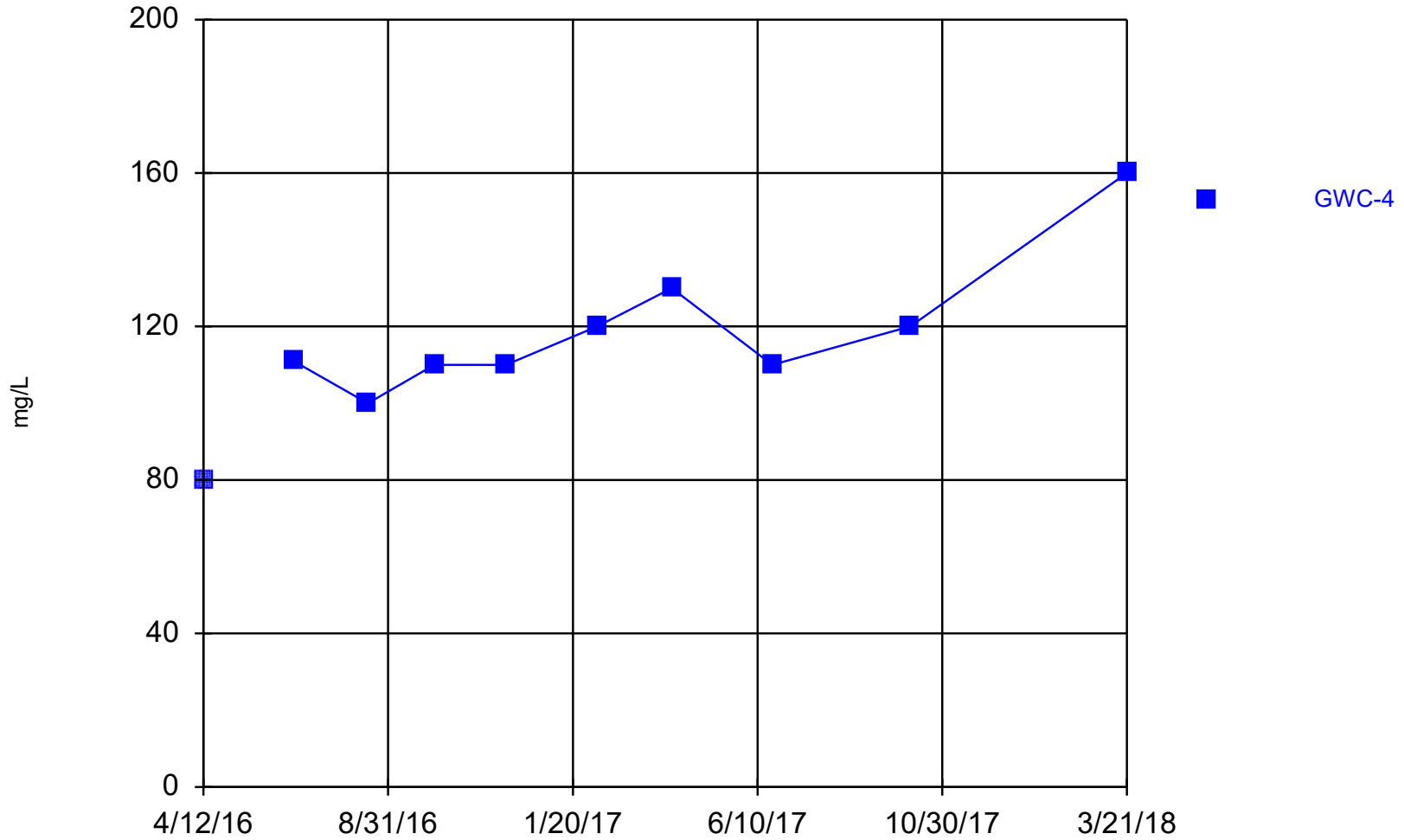
Constituent: Calcium Analysis Run 8/23/2018 1:08 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



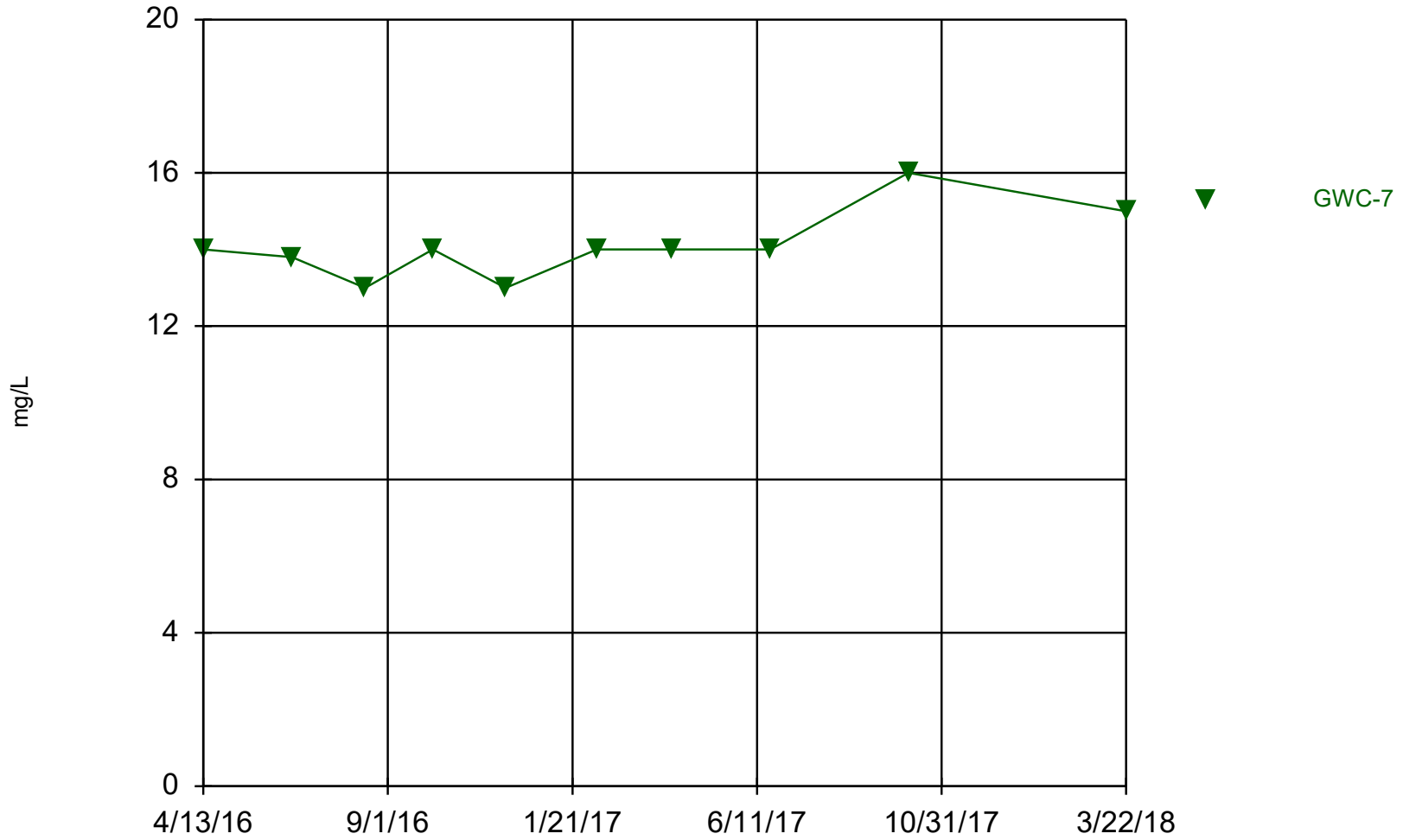
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



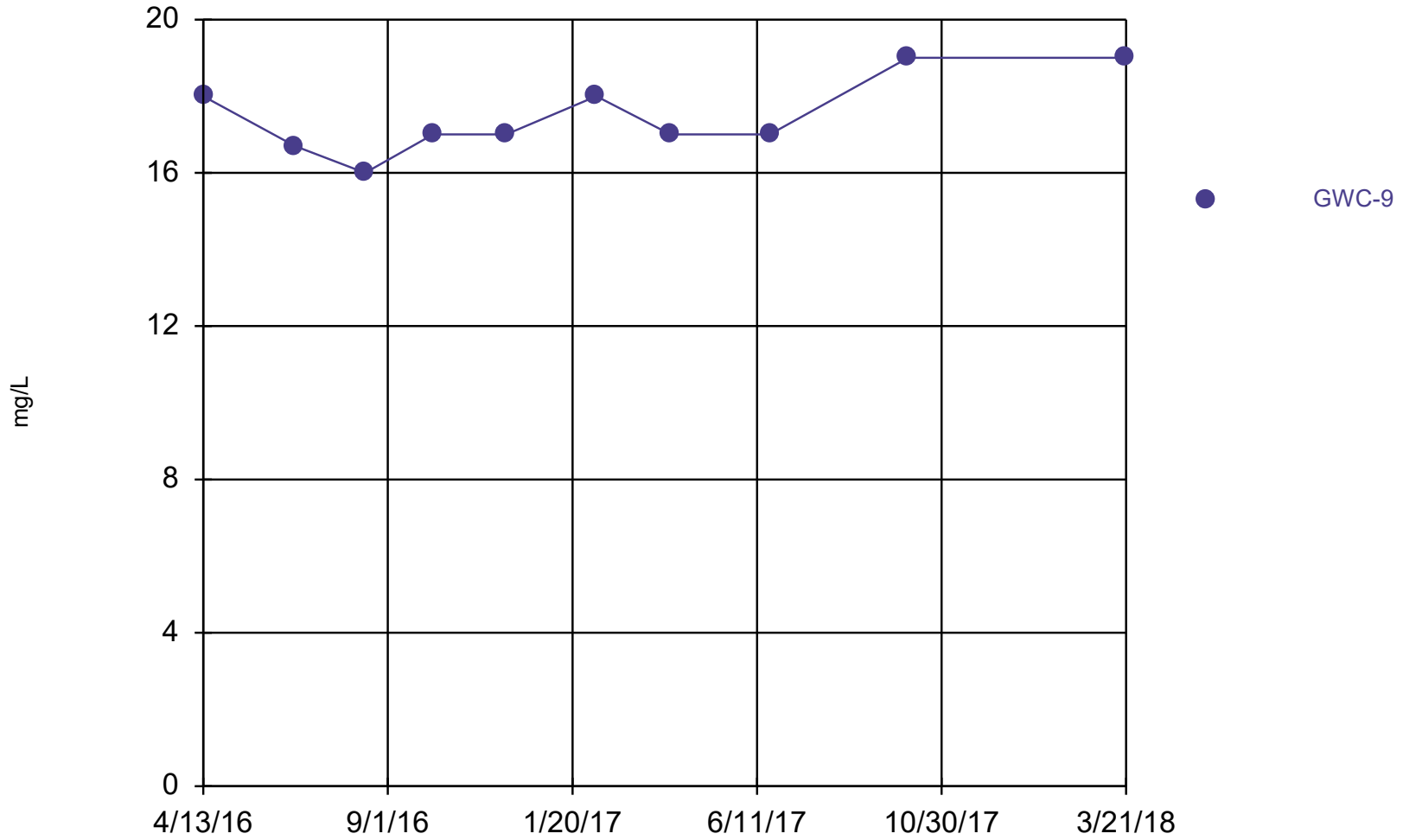
Constituent: Total Dissolved Solids Analysis Run 8/23/2018 1:09 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



Constituent: Calcium Analysis Run 8/23/2018 1:09 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

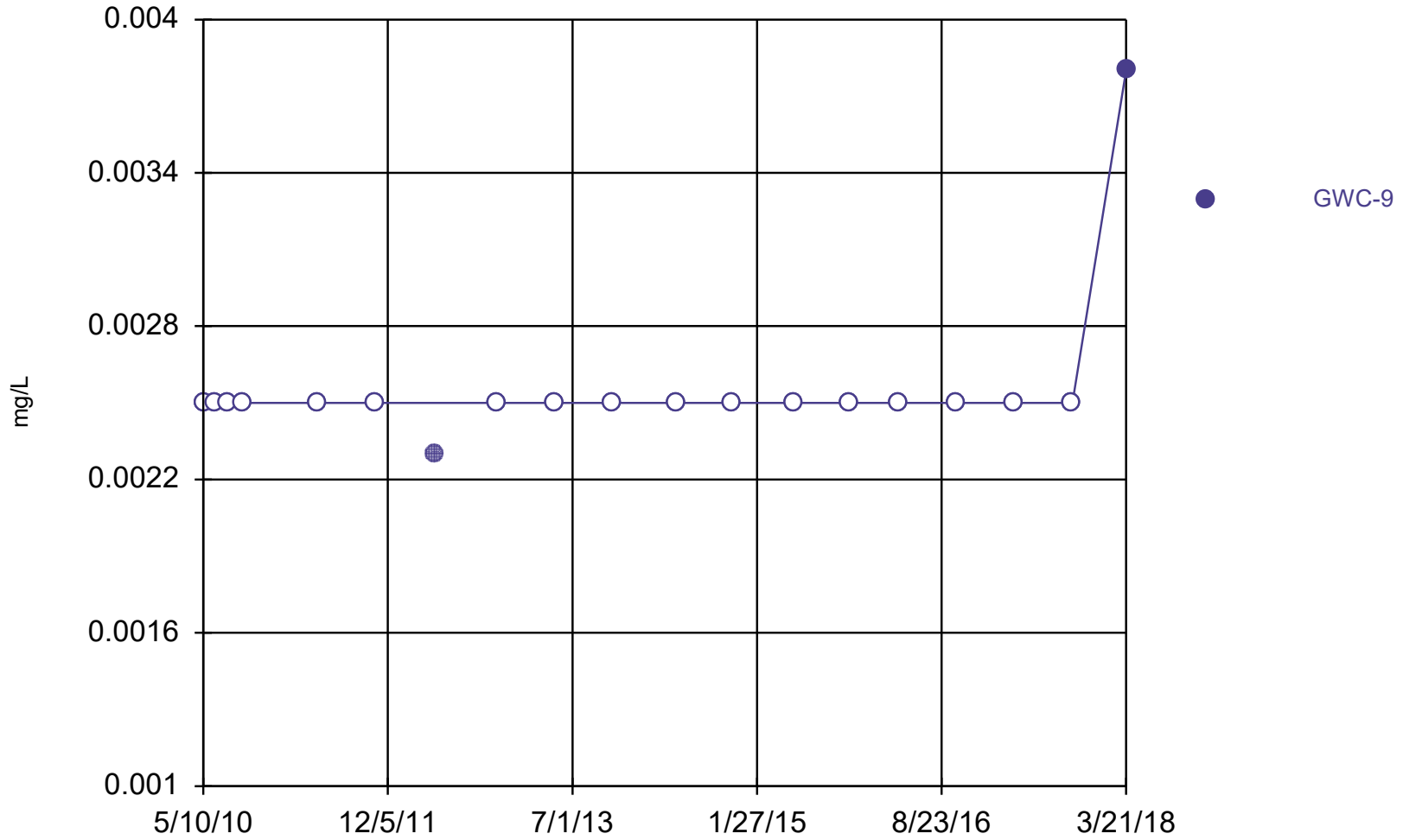
Time Series



Constituent: Calcium Analysis Run 8/23/2018 1:09 PM View: LF Intra-Well PLs

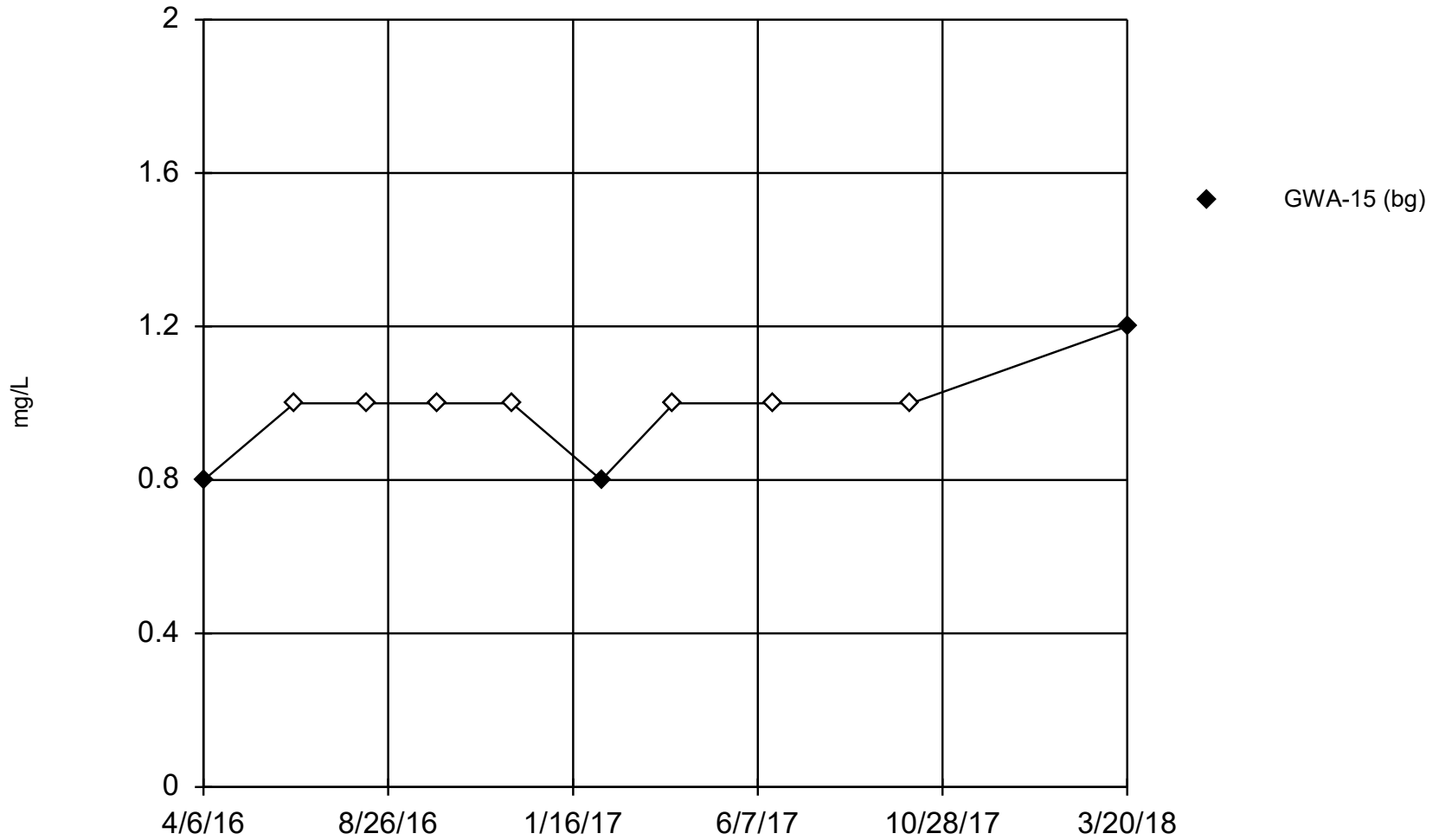
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



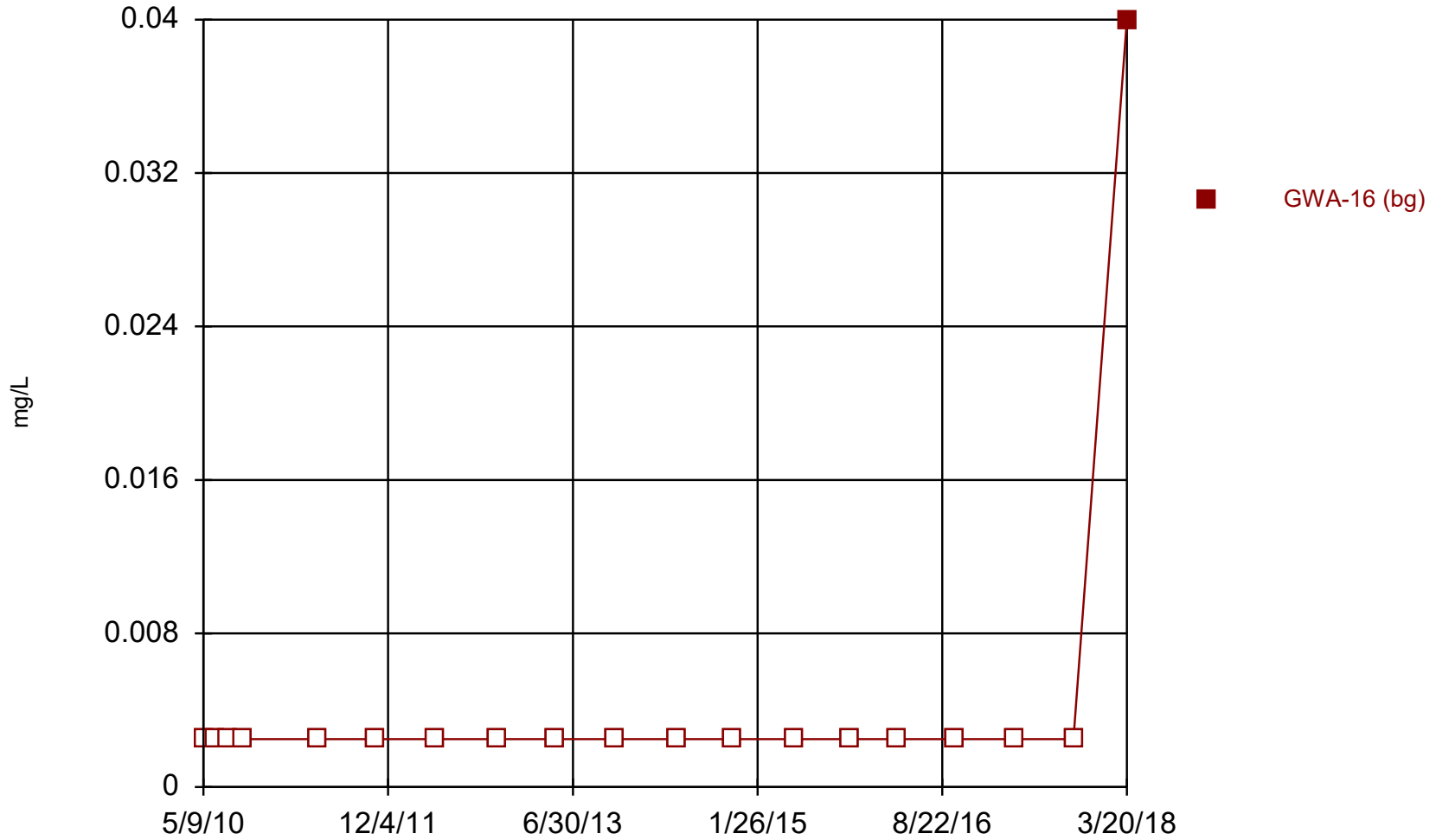
Constituent: Copper Analysis Run 8/23/2018 1:10 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



Constituent: Sulfate Analysis Run 8/23/2018 1:10 PM View: LF Intra-Well PLs
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Time Series

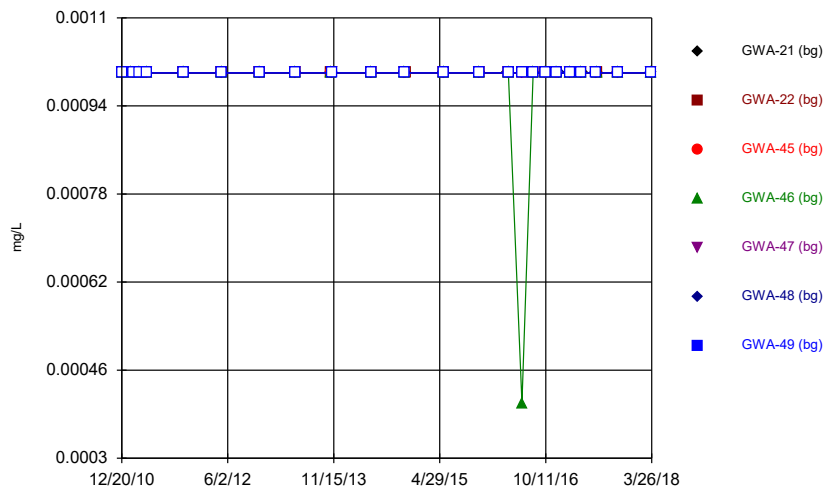


Constituent: Nickel Analysis Run 8/23/2018 1:11 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

MEMORANDUM

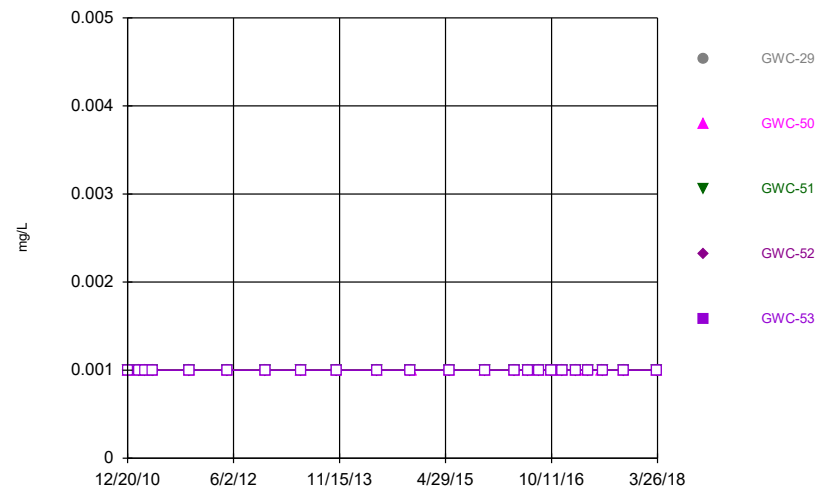
PAC ASH CELL

Time Series



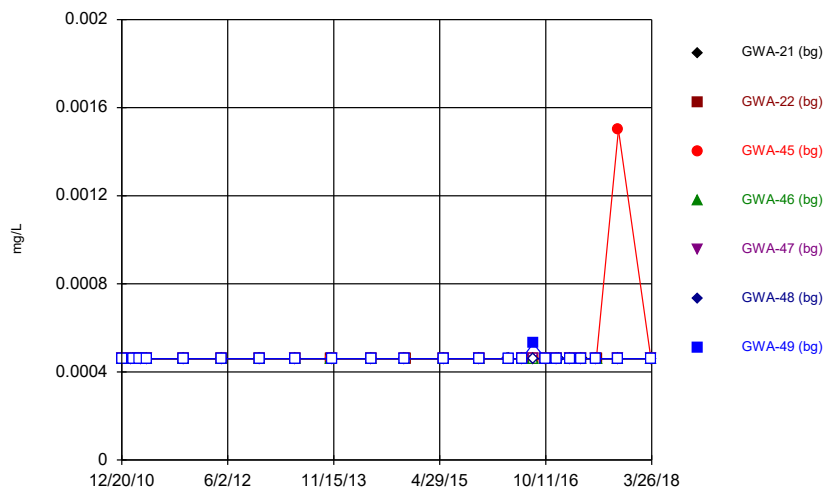
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



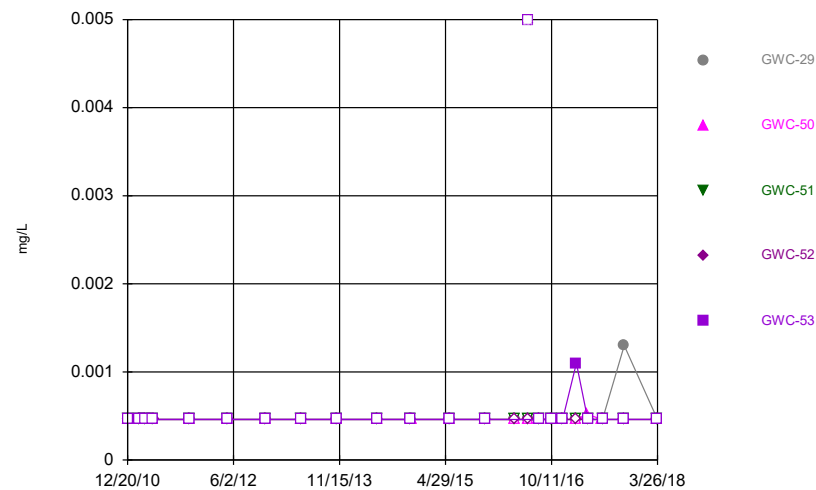
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



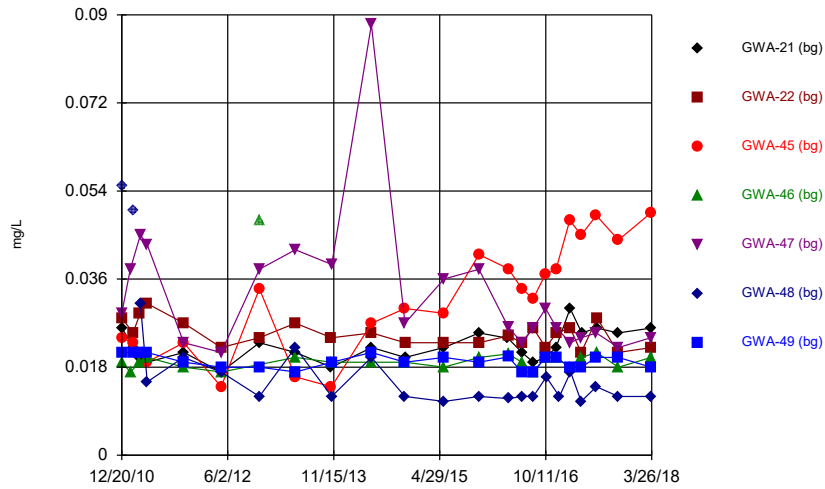
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



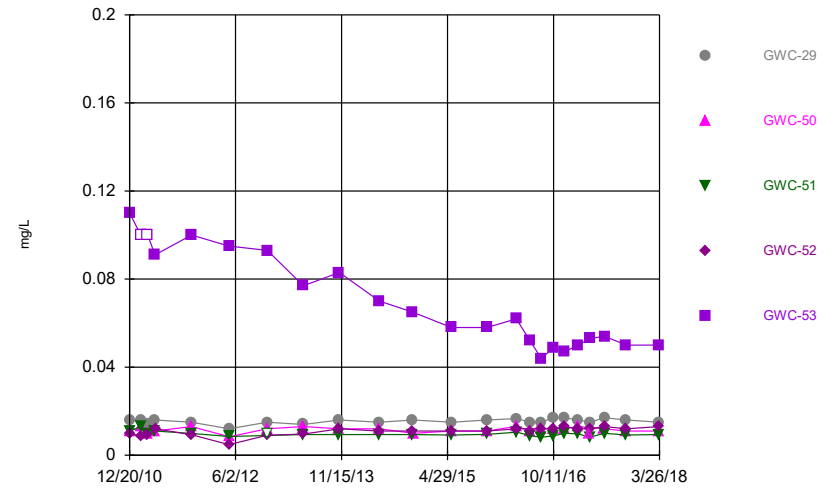
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



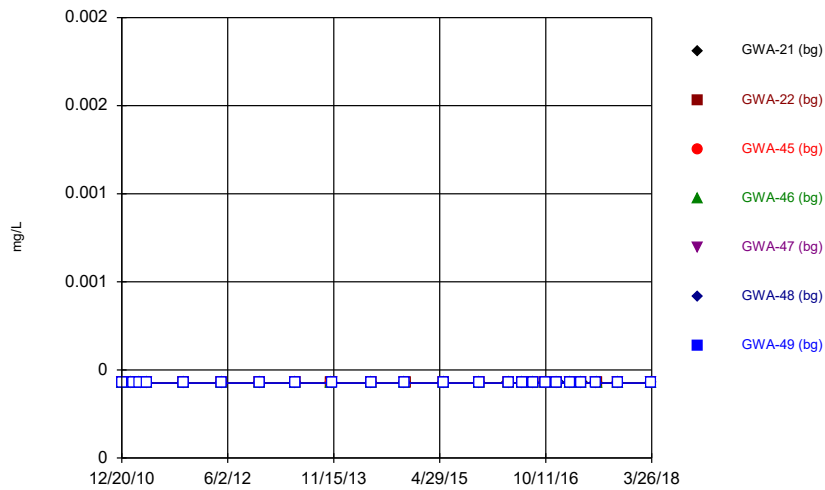
Constituent: Barium, Total Analysis Run 6/29/2018 1:32 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



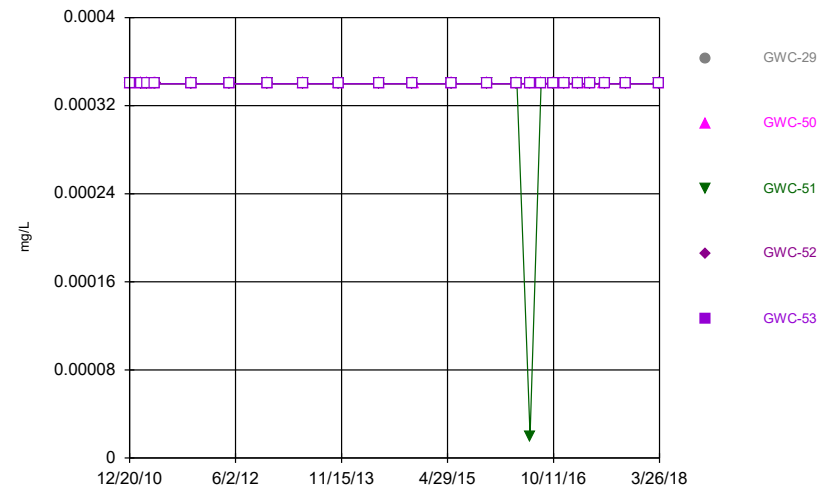
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 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



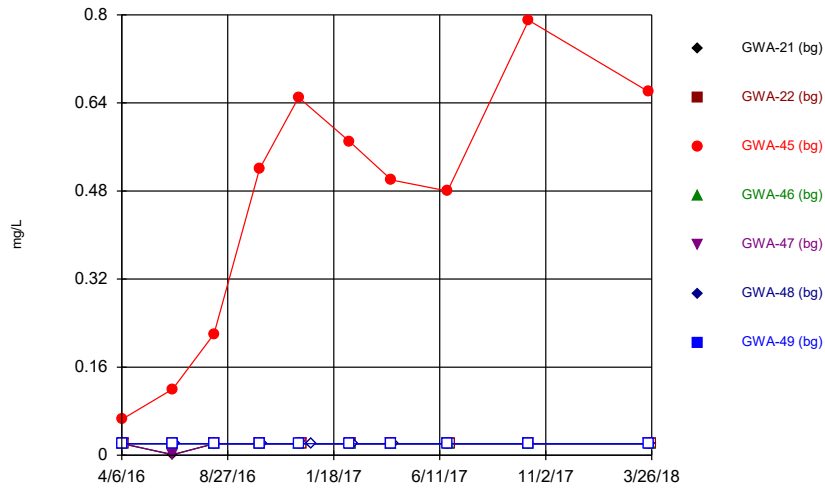
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 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



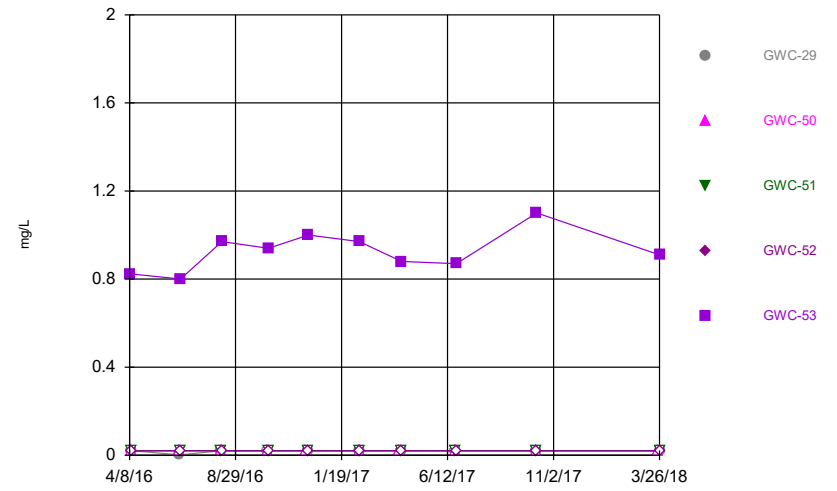
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 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



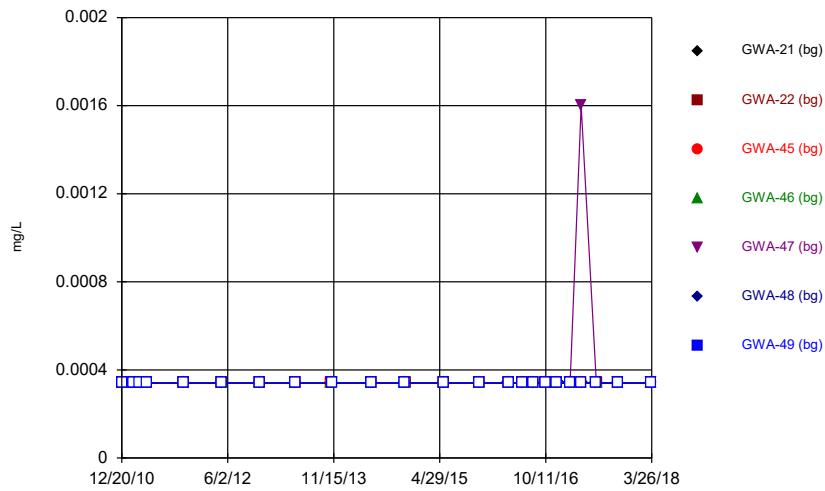
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



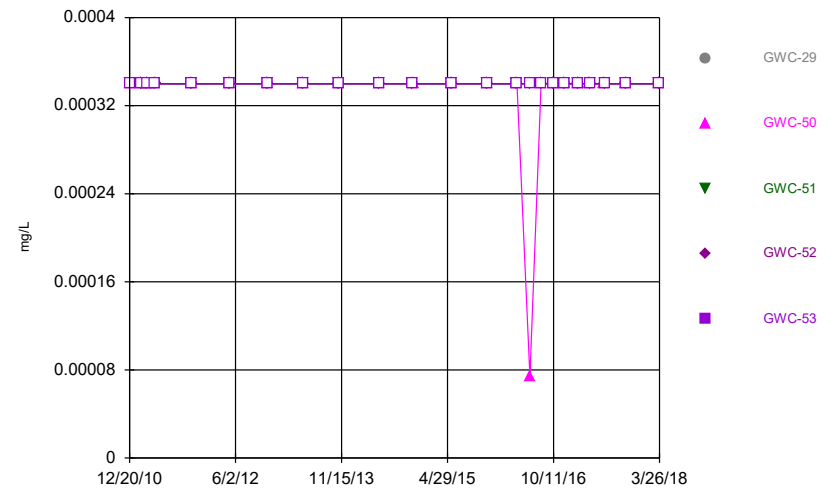
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



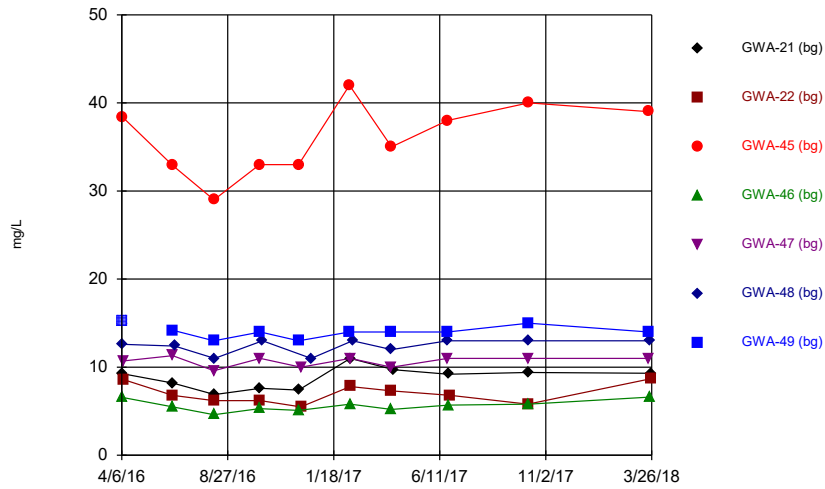
Constituent: Cadmium, Total Analysis Run 6/29/2018 1:32 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



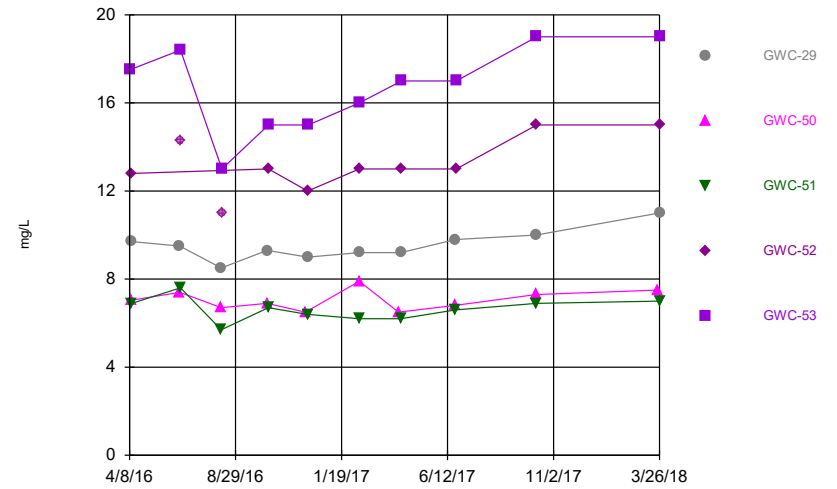
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



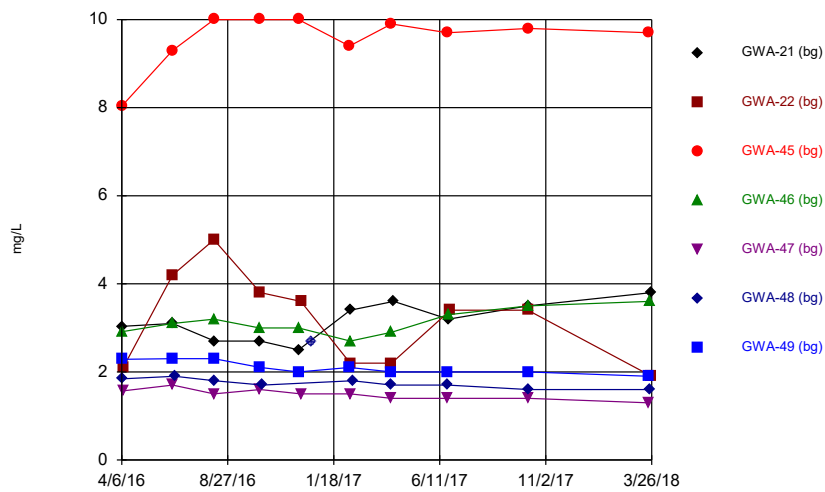
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 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



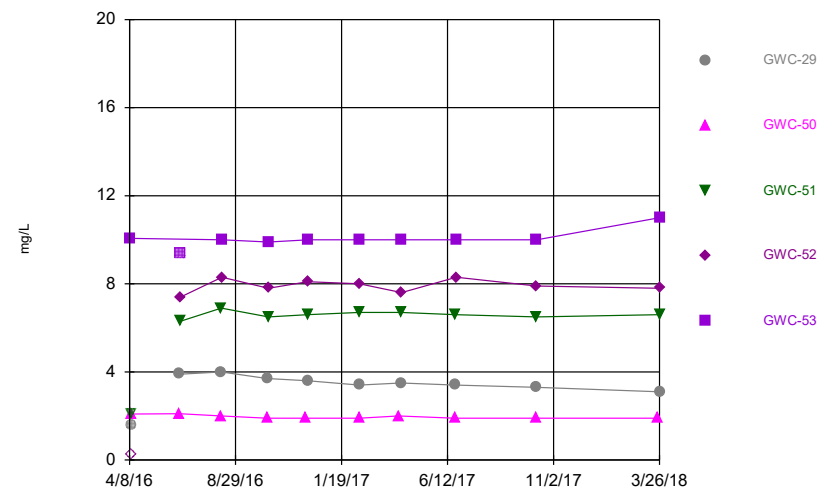
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 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



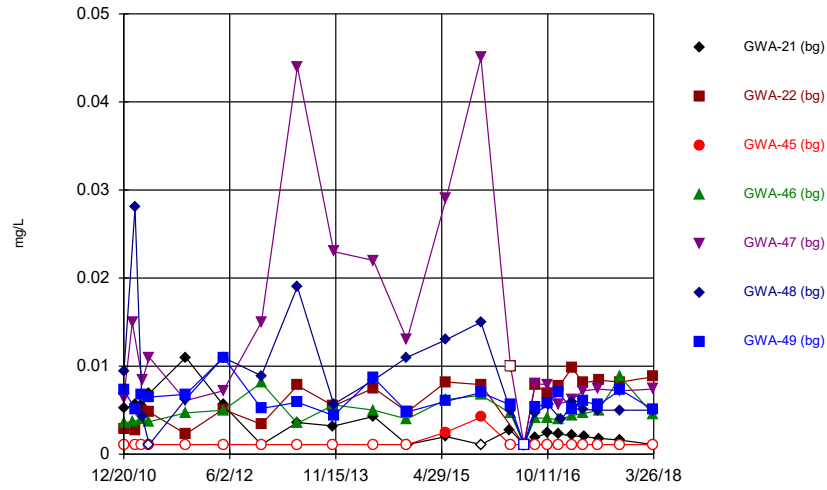
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 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



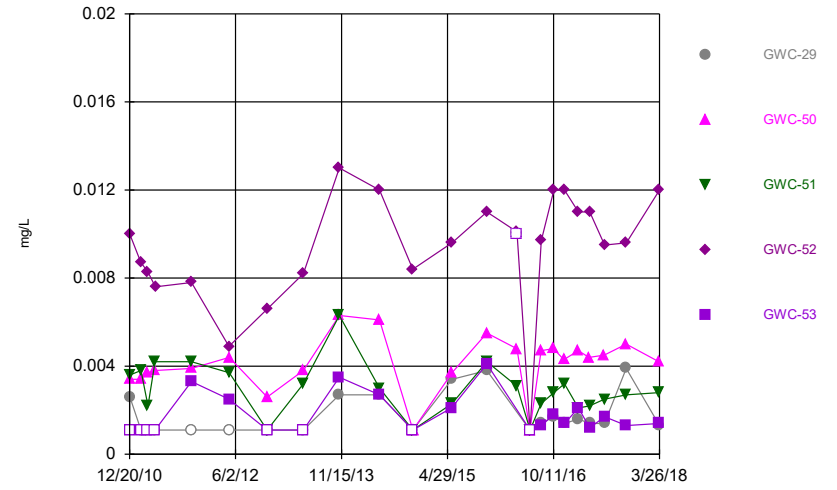
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 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



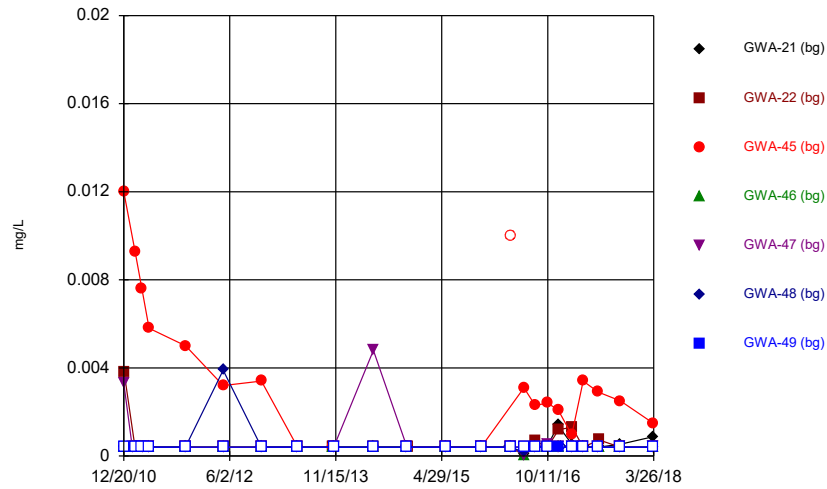
Constituent: Chromium, Total Analysis Run 6/29/2018 1:32 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



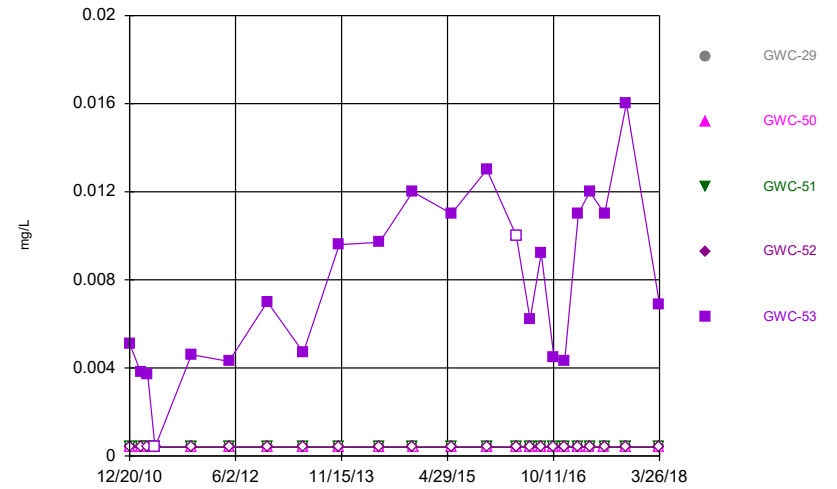
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



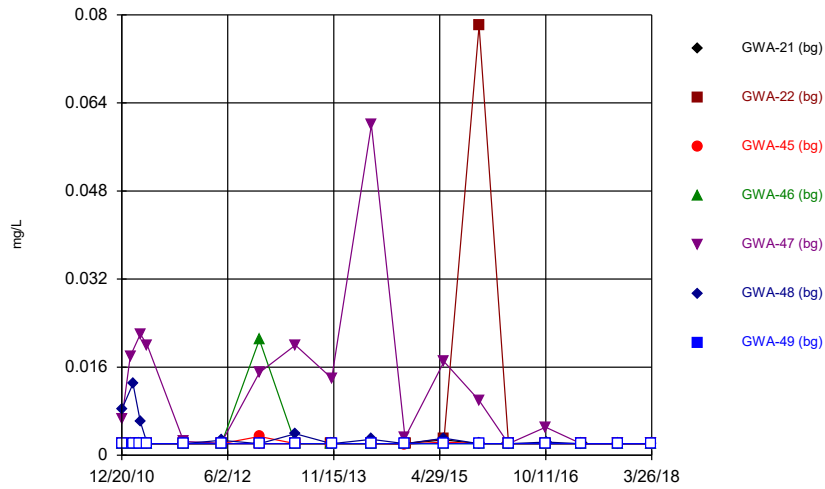
Constituent: Cobalt, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



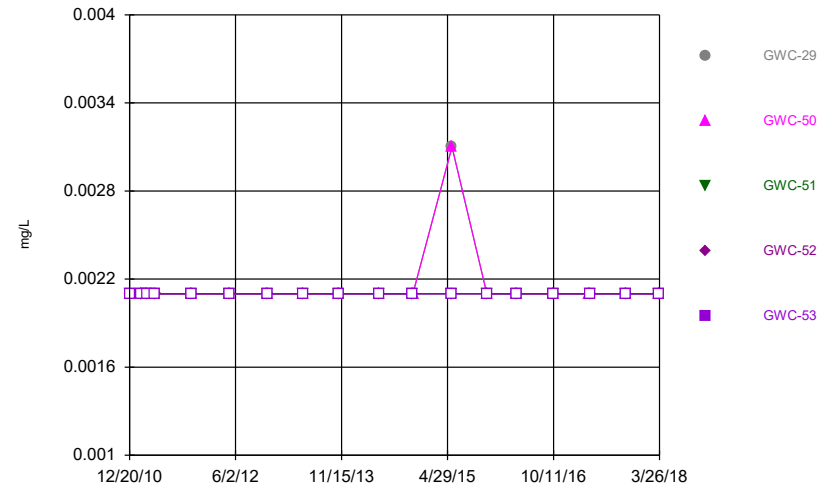
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



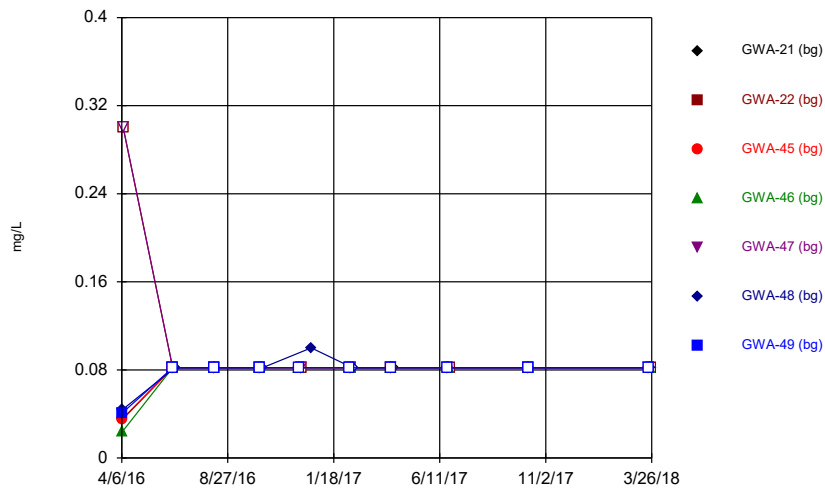
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



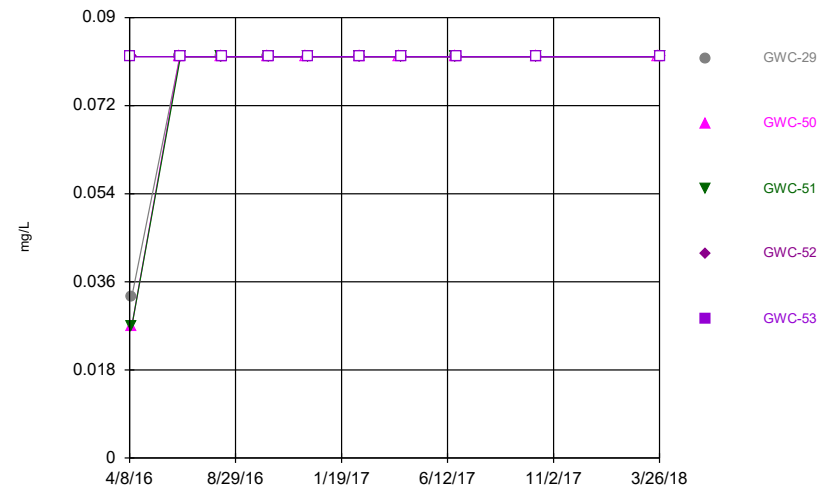
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



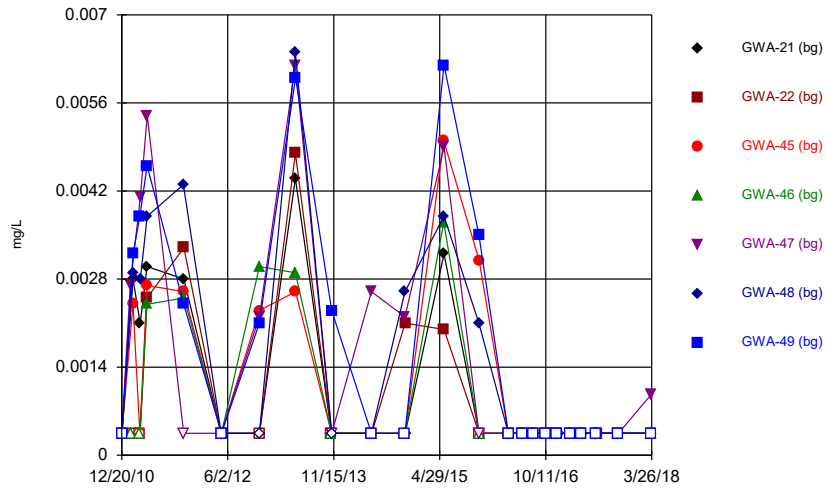
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



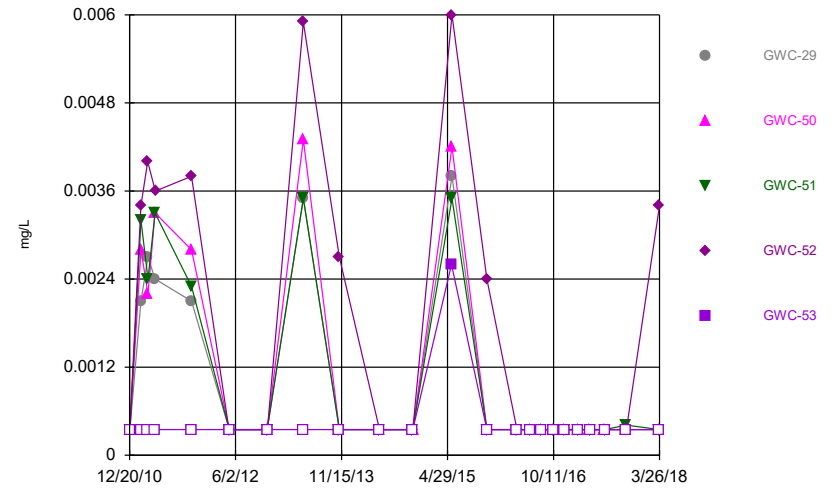
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Time Series



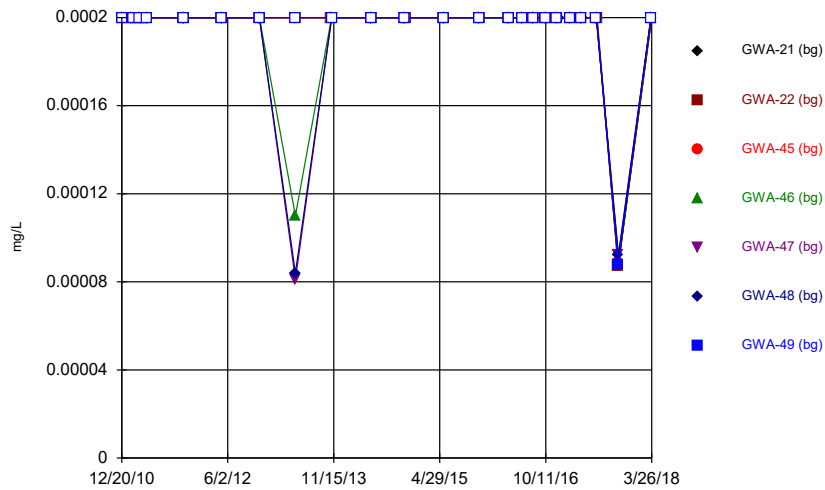
Constituent: Lead, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



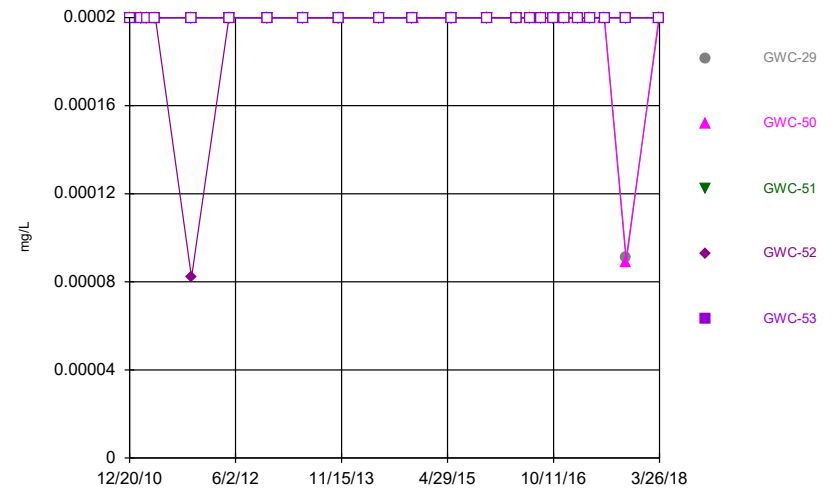
Constituent: Lead, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



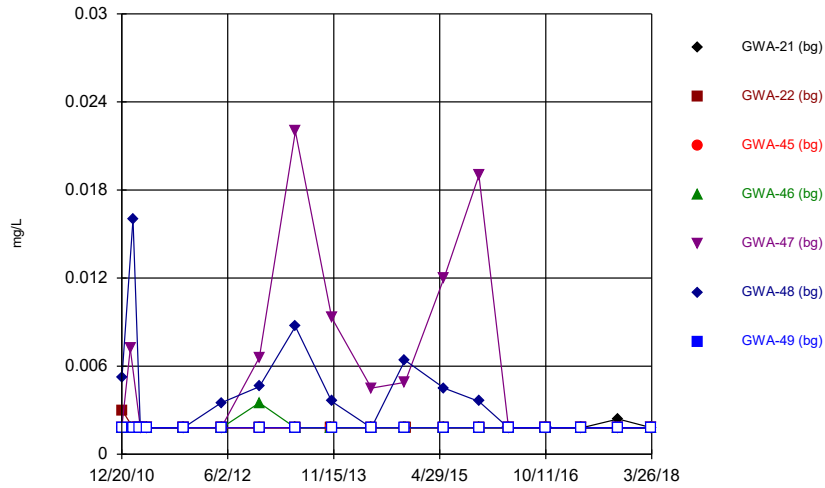
Constituent: Mercury, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



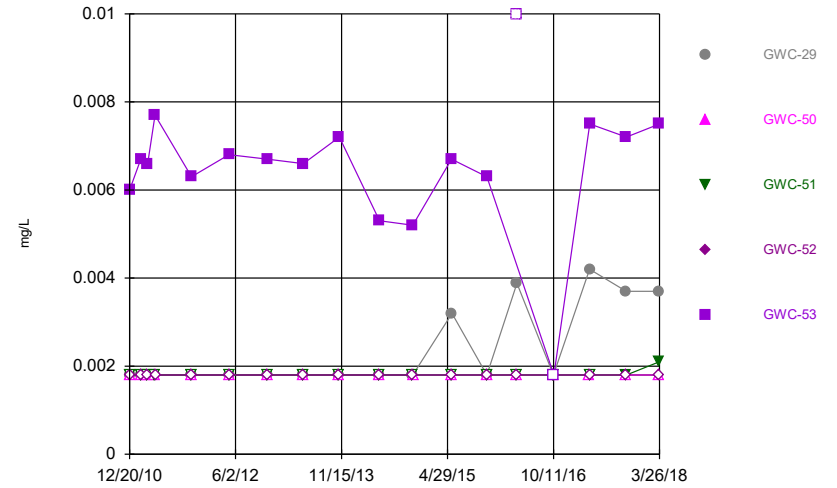
Constituent: Mercury, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



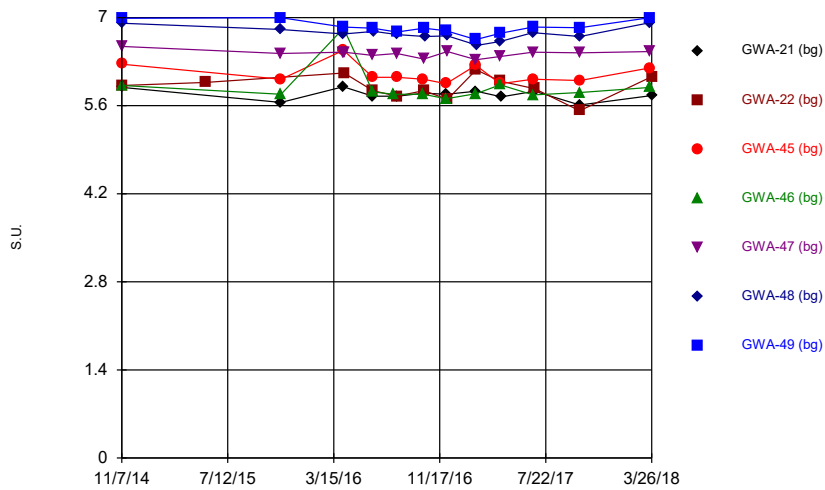
Constituent: Nickel, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



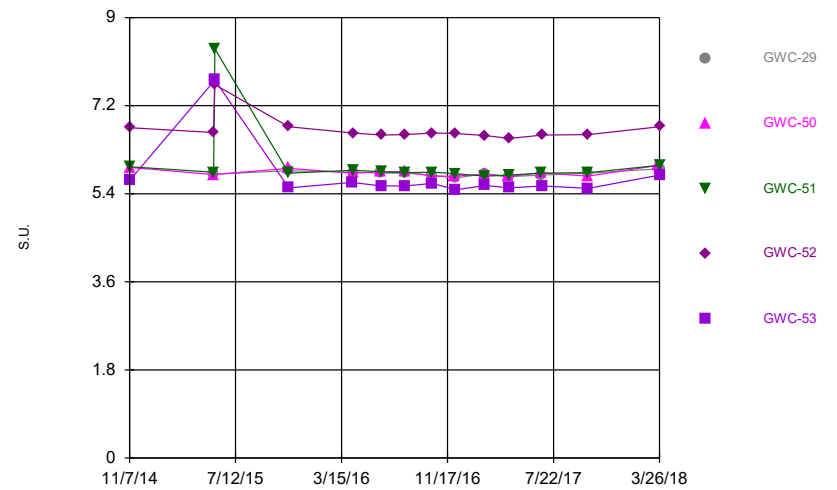
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 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



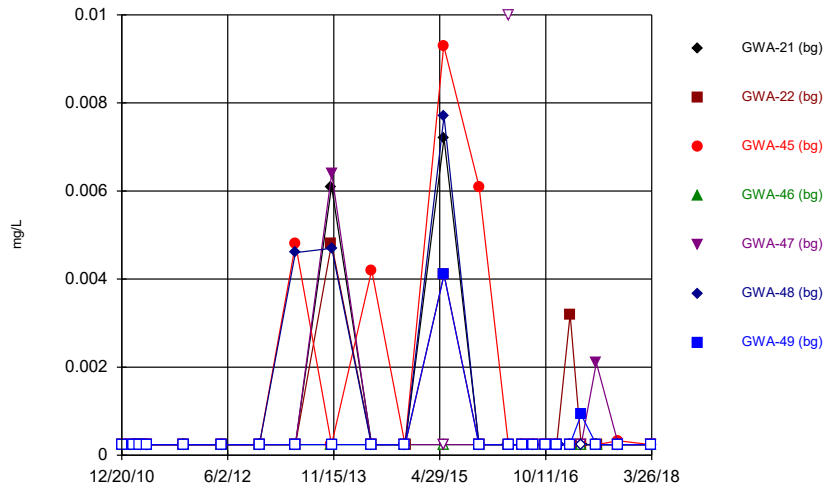
Constituent: pH Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



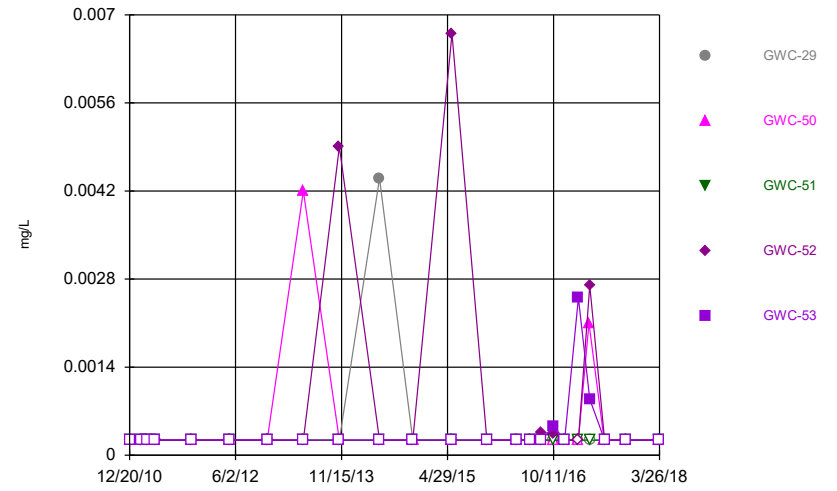
Constituent: pH Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



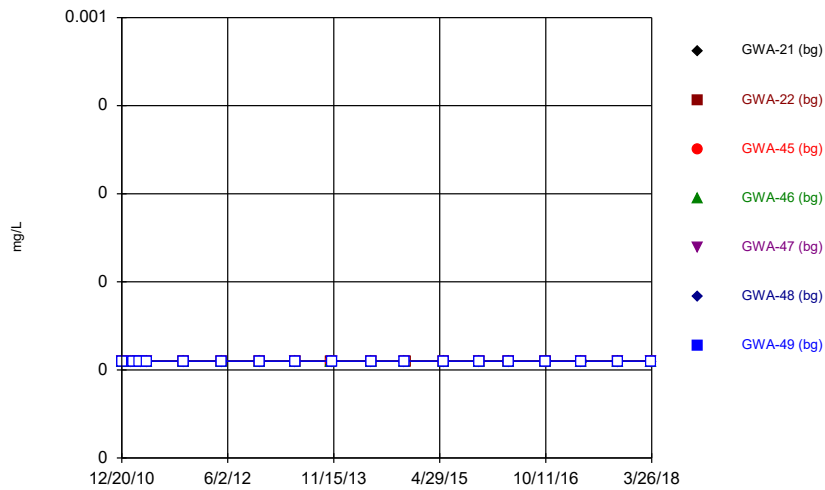
Constituent: Selenium, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



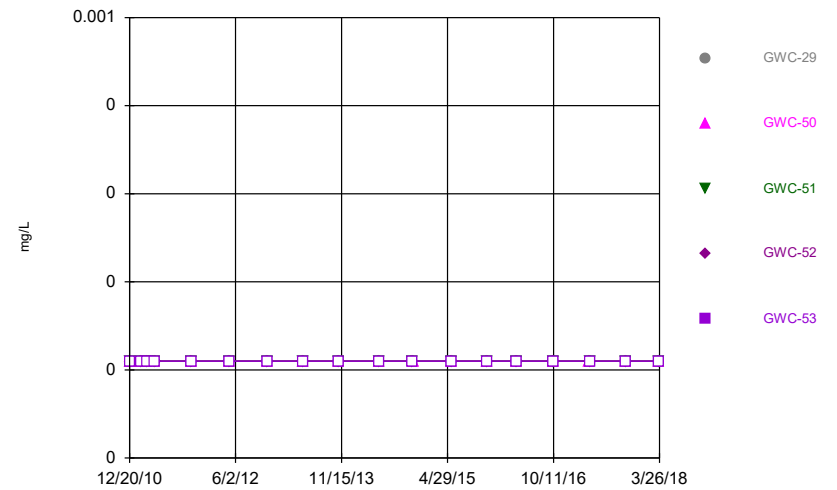
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



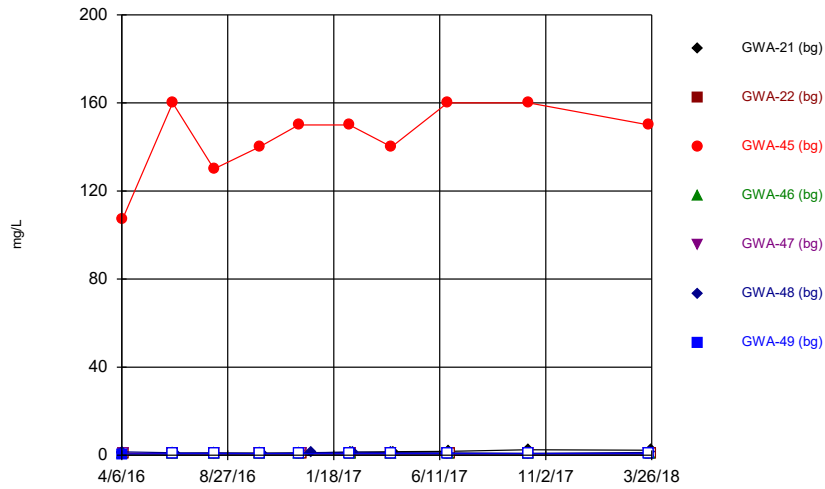
Constituent: Silver, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



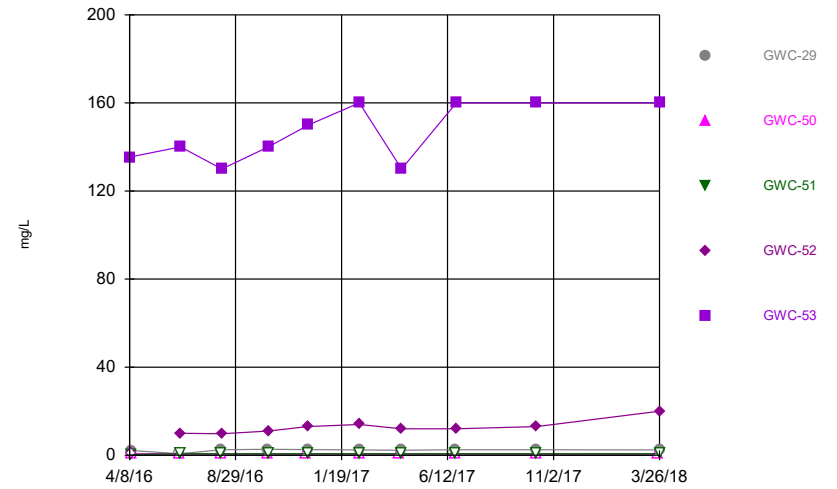
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



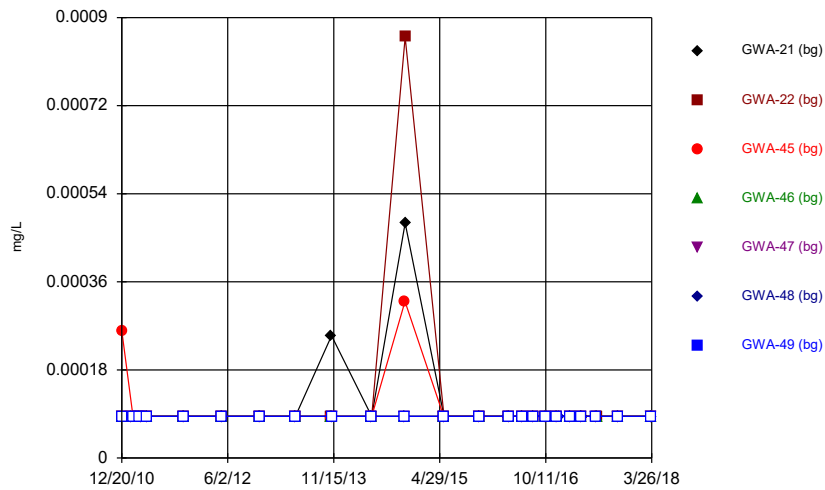
Constituent: Sulfate Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



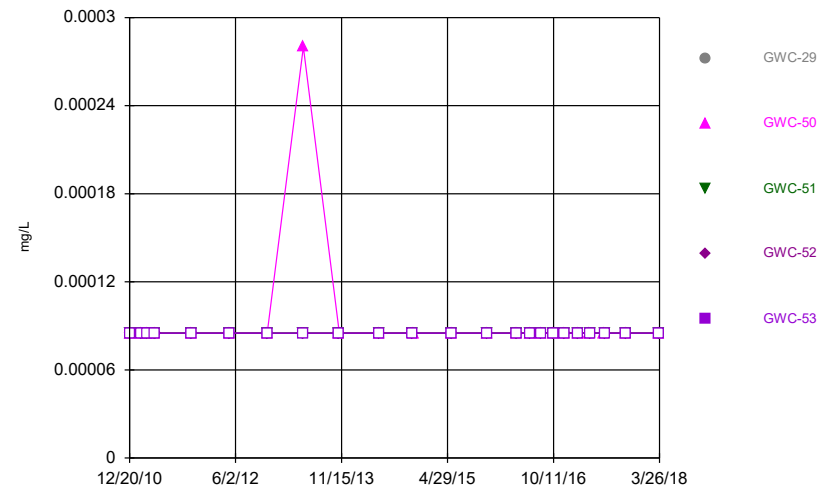
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



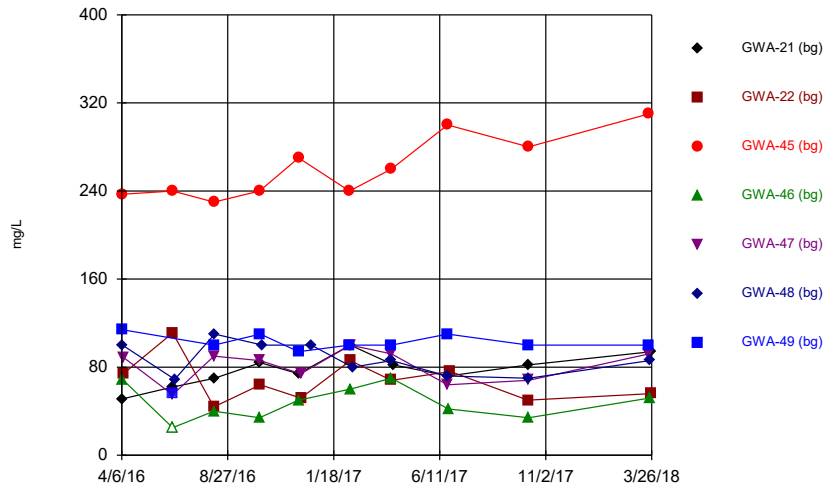
Constituent: Thallium, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



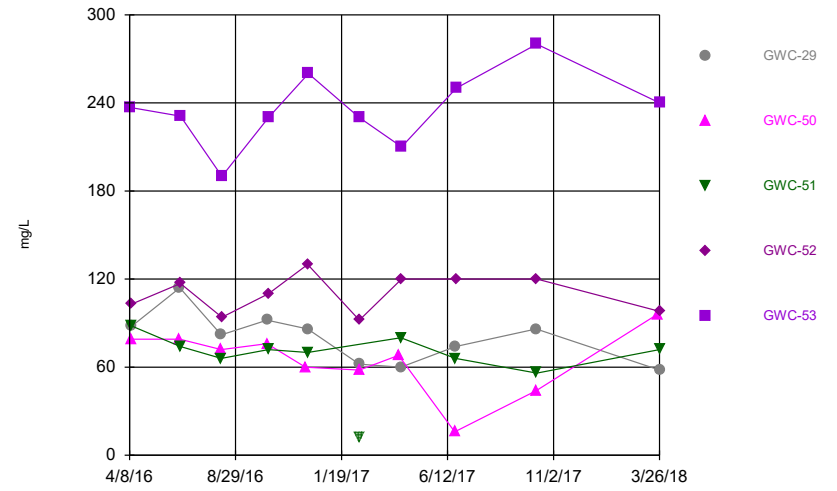
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



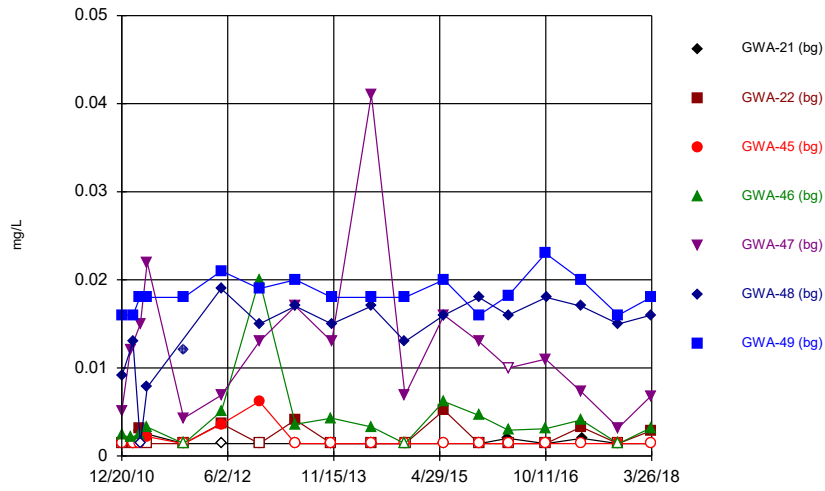
Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



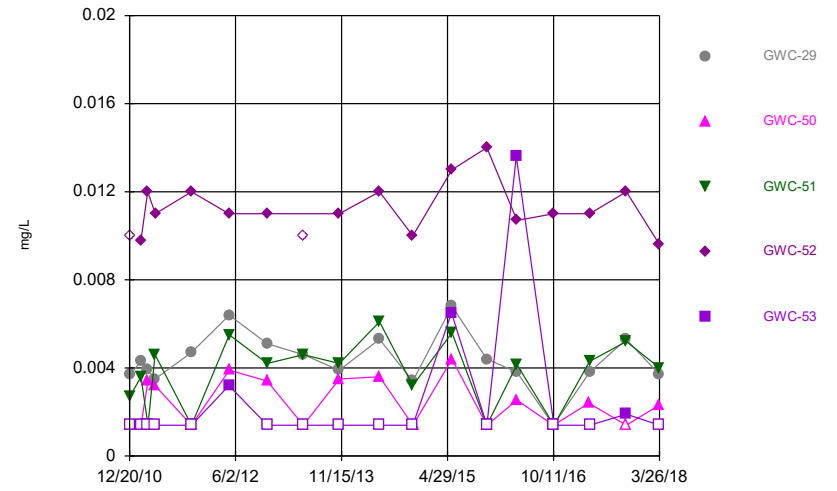
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



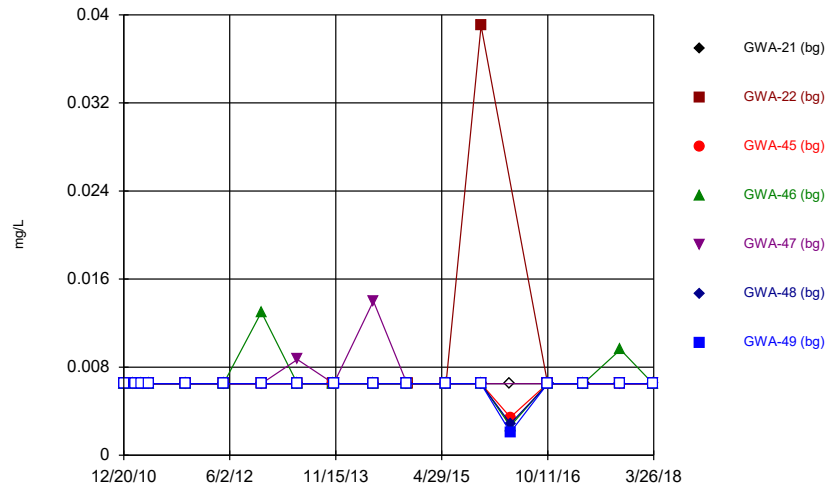
Constituent: Vanadium, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



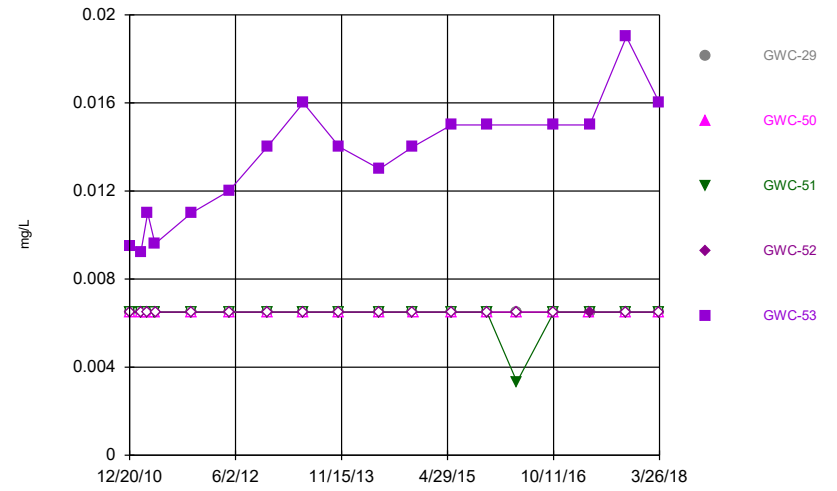
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



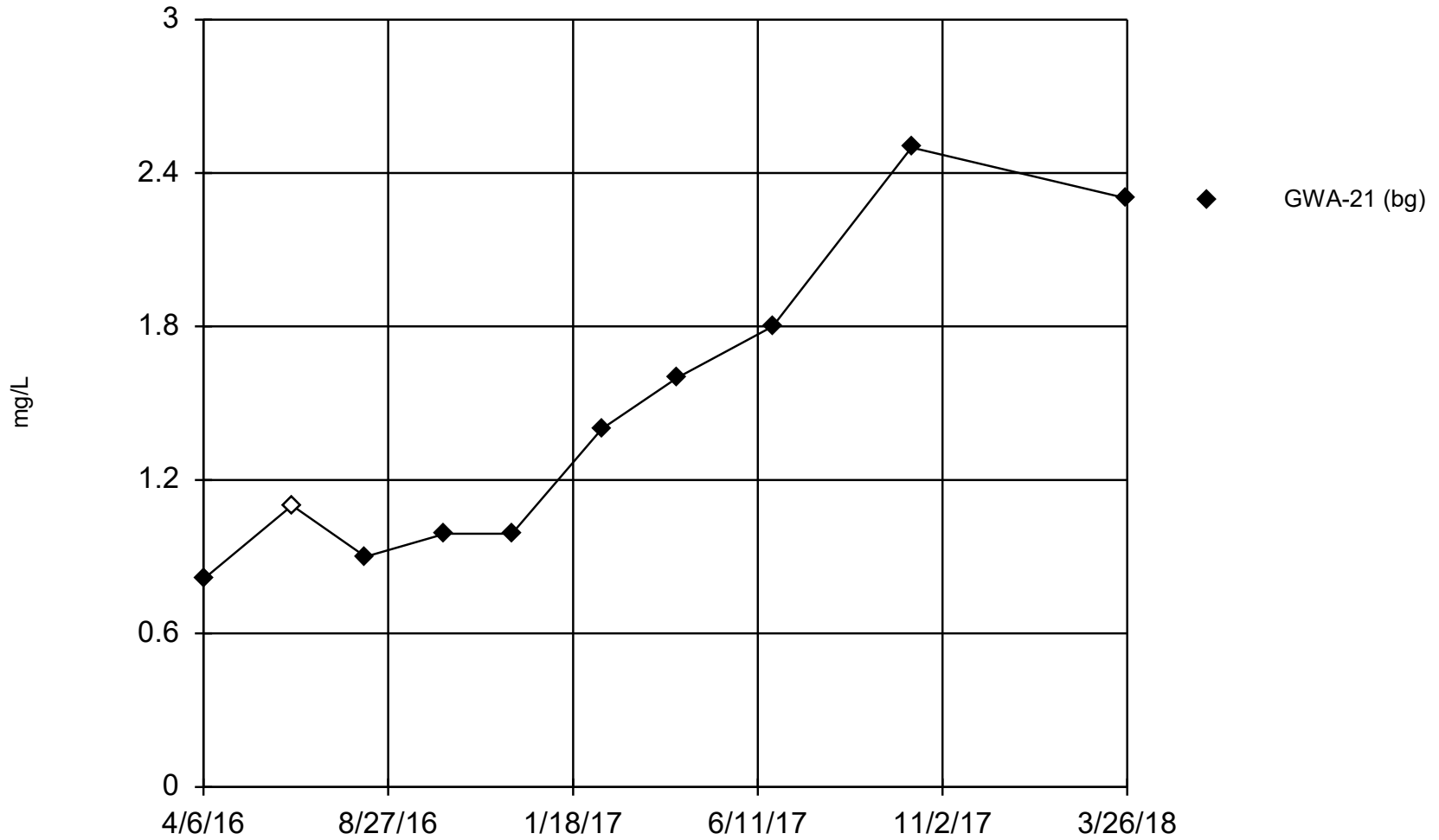
Constituent: Zinc, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



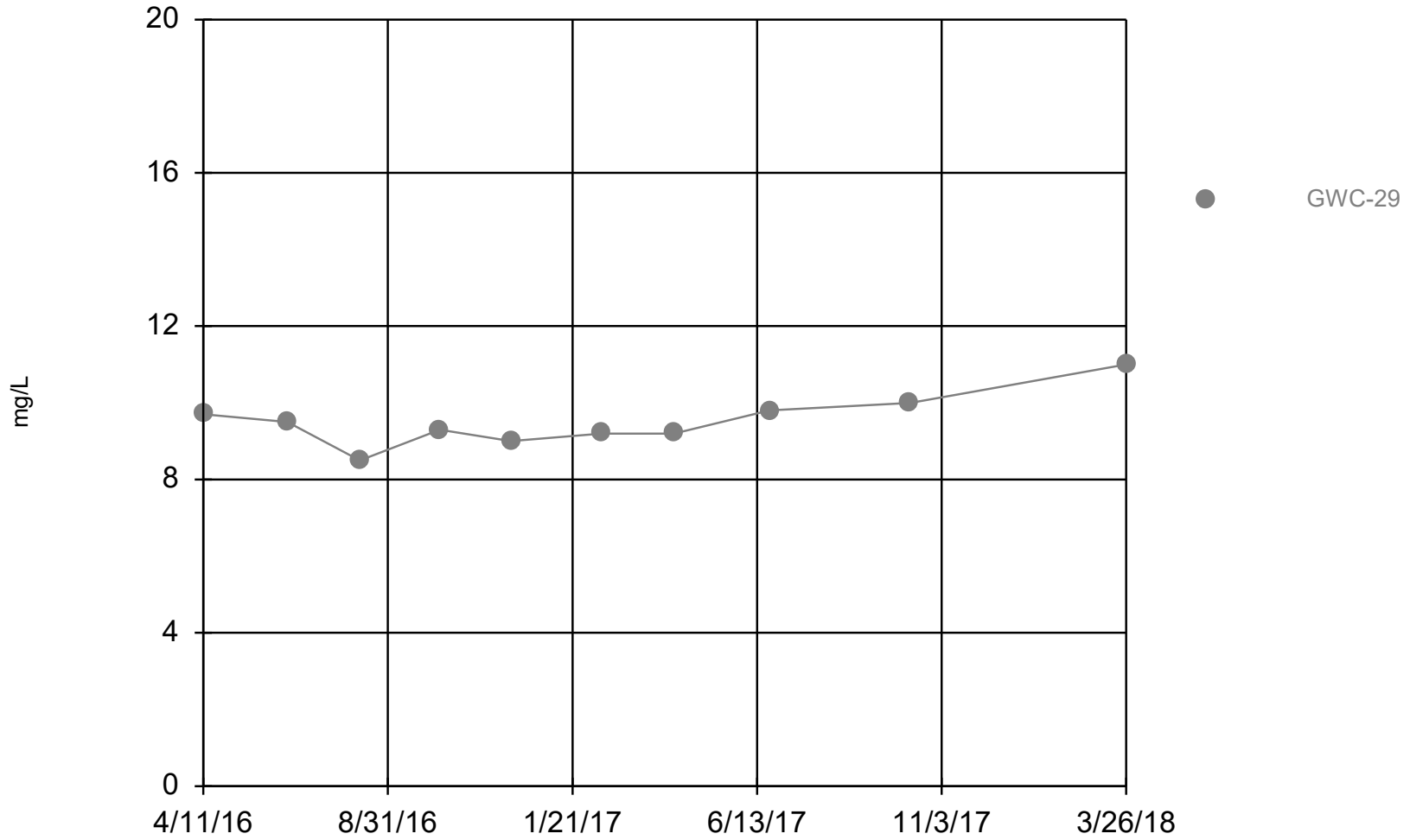
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 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



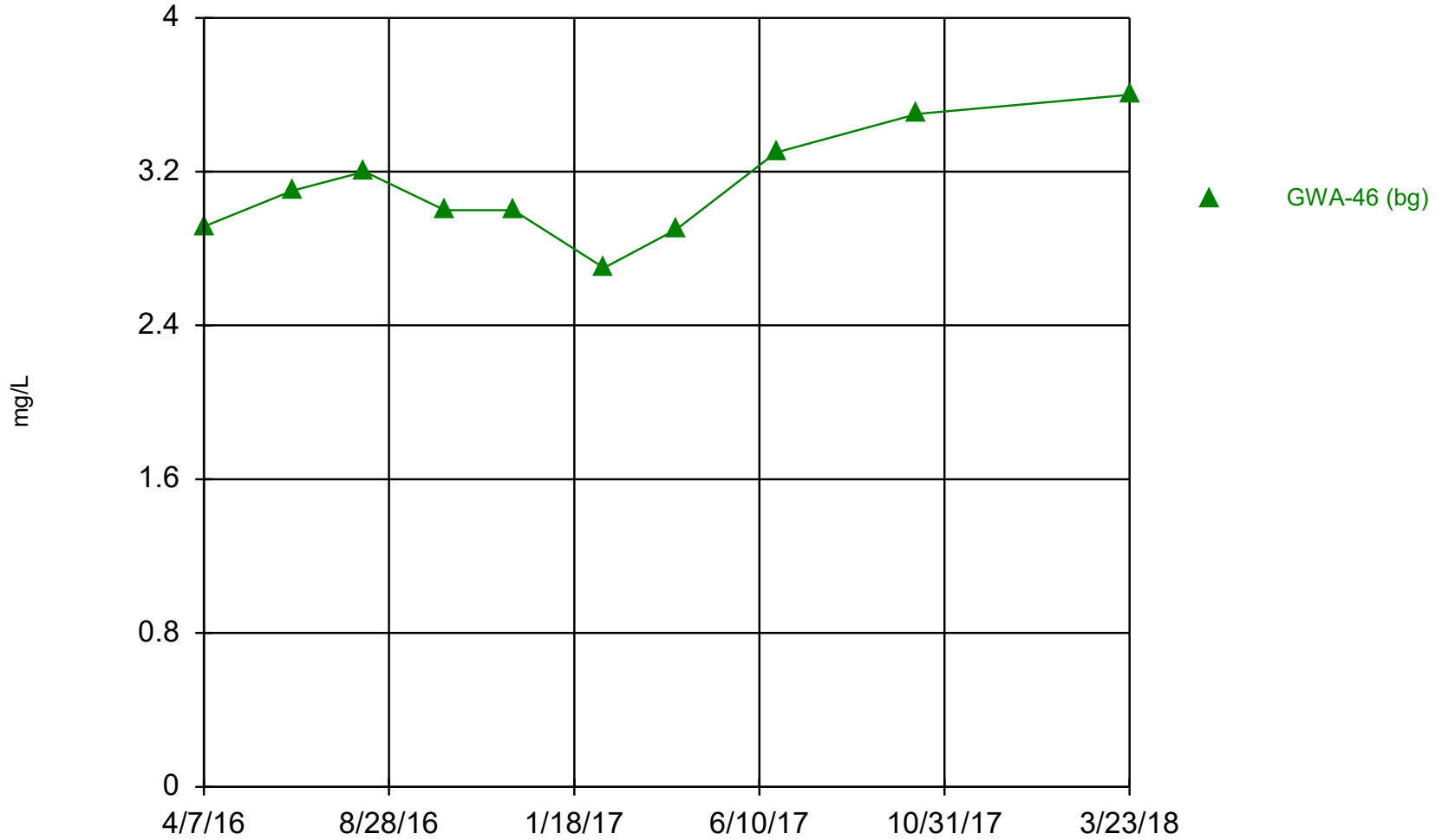
Constituent: Sulfate Analysis Run 8/23/2018 1:14 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



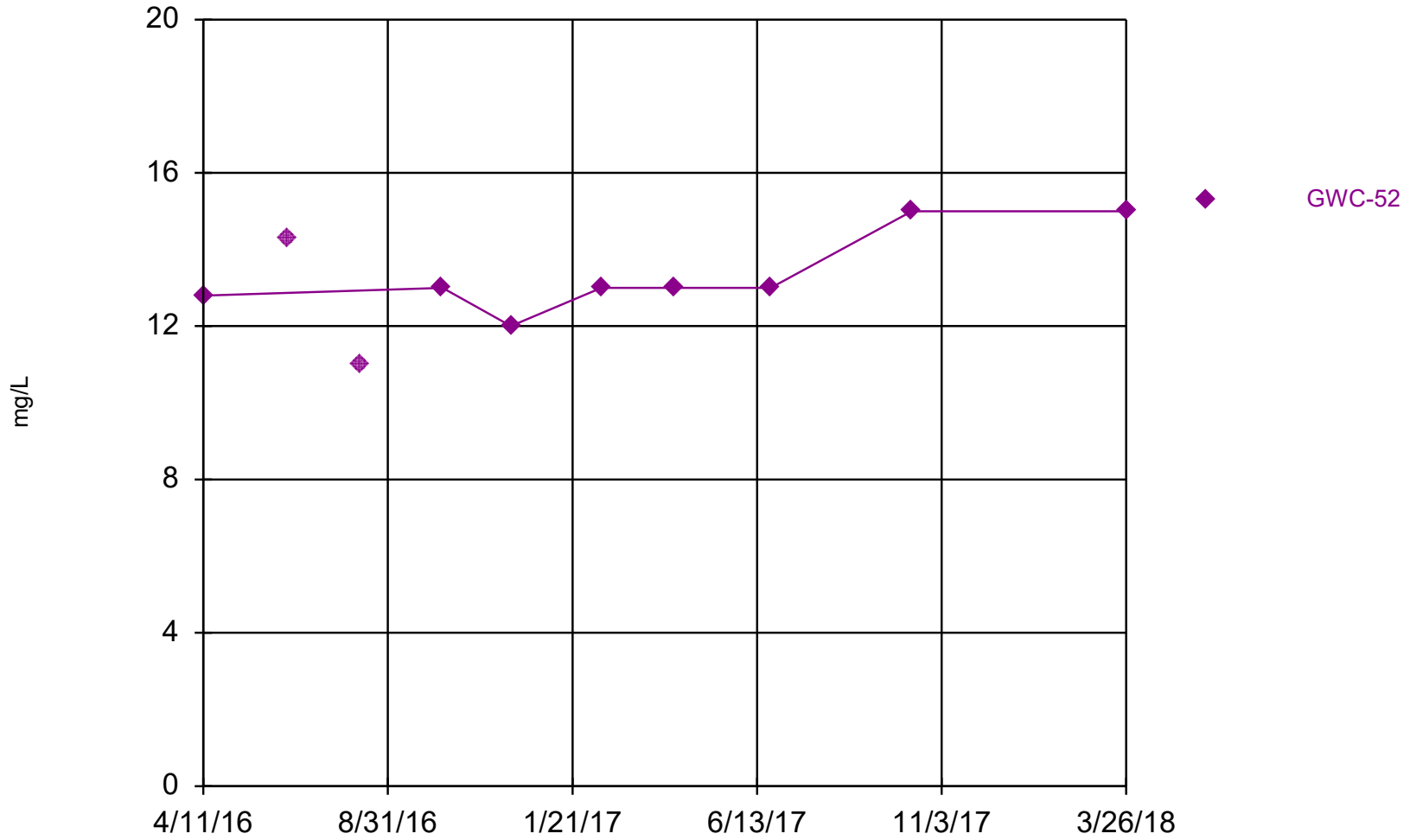
Constituent: Calcium Analysis Run 8/23/2018 1:14 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



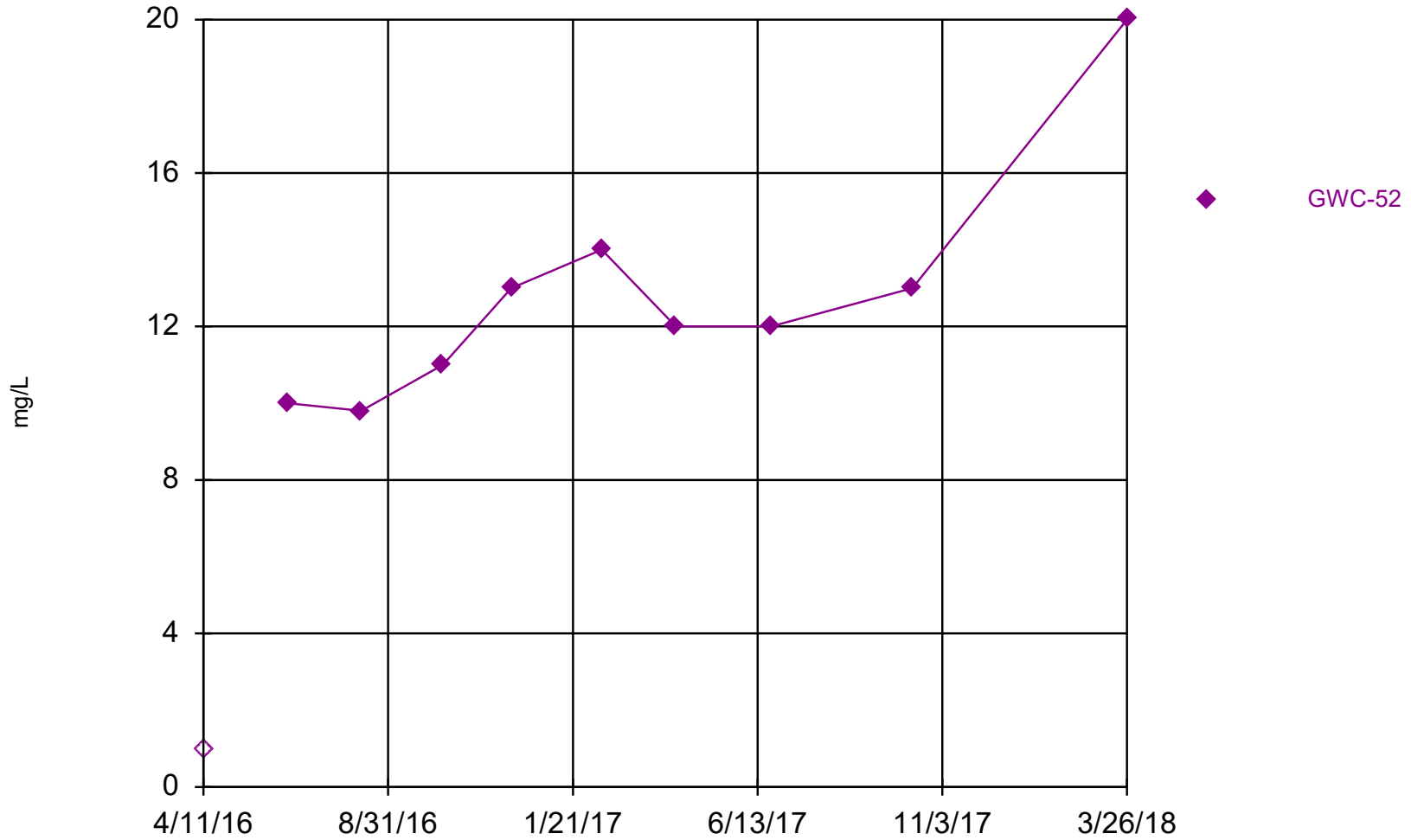
Constituent: Chloride Analysis Run 8/23/2018 1:15 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



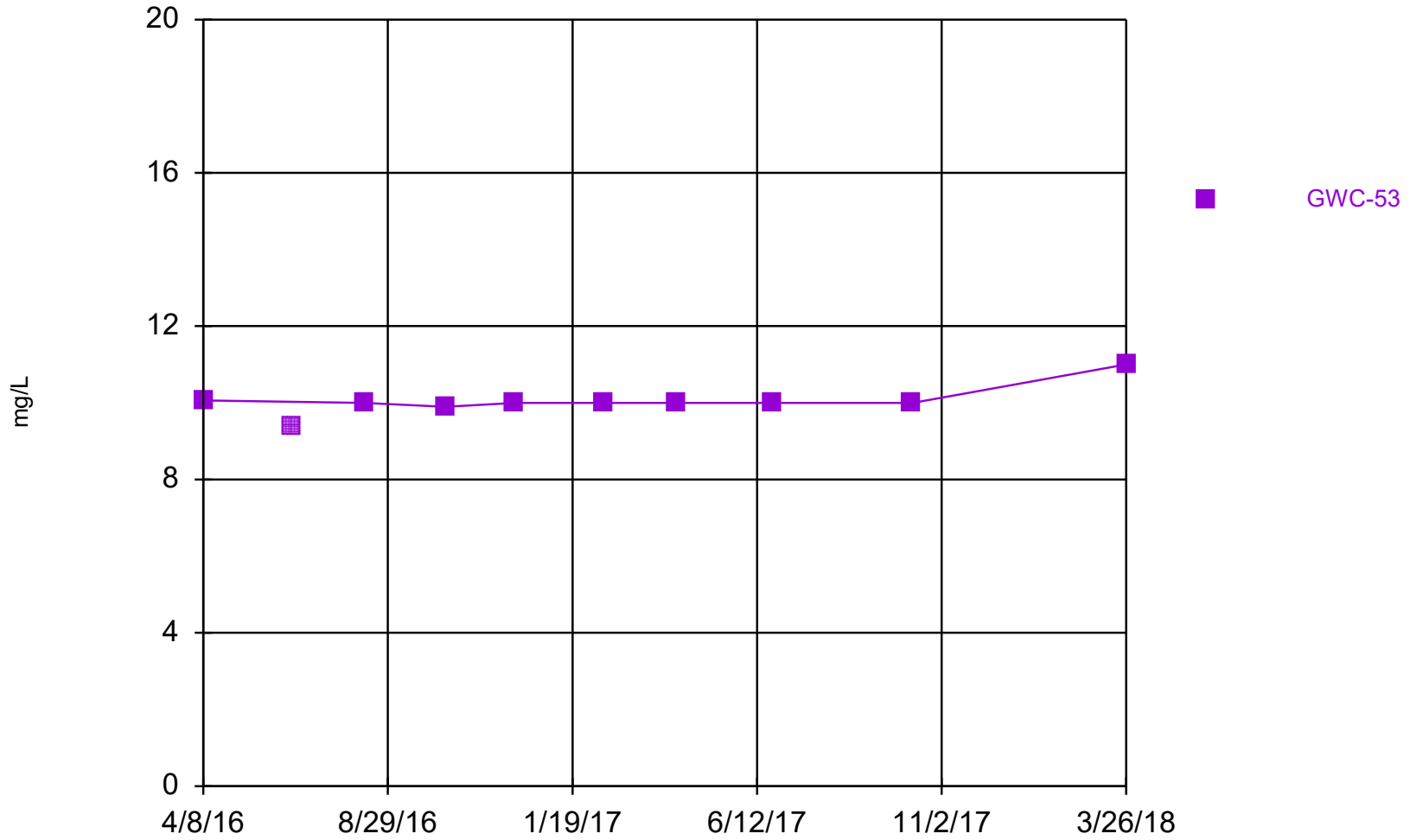
Constituent: Calcium Analysis Run 8/23/2018 1:16 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



Constituent: Sulfate Analysis Run 8/23/2018 1:16 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



Constituent: Chloride Analysis Run 8/23/2018 1:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

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STATISTICAL ANALYSES

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CELL 1

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Calcium (mg/L)	GWC-4	14.96	n/a	3/21/2018	15	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	14	n/a	3/22/2018	15	Yes	8	0	n/a	0.02144	NP Intra (normality) ...
Calcium (mg/L)	GWC-9	18.99	n/a	3/21/2018	19	Yes	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	10.96	n/a	3/21/2018	13	Yes	8	0	No	0.000...	Param Intra 1 of 2
Copper (mg/L)	GWC-9	0.0025	n/a	3/21/2018	0.0038	Yes	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.0025	n/a	3/20/2018	0.04	Yes	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-15	1	n/a	3/20/2018	1.2	Yes	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	140.4	n/a	3/21/2018	160	Yes	7	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony, Total (ug/L)	GWA-15	1	n/a	3/20/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWA-16	1	n/a	3/20/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWA-17	1	n/a	3/20/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-1	1	n/a	3/20/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-2	1	n/a	3/20/2018	1ND	No	19	100	n/a	0.004832	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-3	1	n/a	3/21/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-4	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-6	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-7	1	n/a	3/22/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-8A	1	n/a	3/22/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-9	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-10	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-11	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-12	1	n/a	3/21/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-13	1	n/a	3/22/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-14	1	n/a	3/20/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-18	1	n/a	3/20/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-19	1	n/a	3/20/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-20	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWA-15	0.46	n/a	3/20/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWA-16	0.46	n/a	3/20/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWA-17	0.46	n/a	3/20/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-1	0.79	n/a	3/20/2018	0.46ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-2	0.46	n/a	3/20/2018	0.46ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-3	1.3	n/a	3/21/2018	0.89	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-4	0.46	n/a	3/21/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-6	0.46	n/a	3/21/2018	0.46ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-7	0.46	n/a	3/22/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-8A	1.4	n/a	3/22/2018	0.75	No	22	81.82	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-9	0.46	n/a	3/21/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-10	0.46	n/a	3/21/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-11	0.46	n/a	3/21/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-12	0.46	n/a	3/21/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-13	0.46	n/a	3/22/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-14	0.46	n/a	3/20/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-18	0.46	n/a	3/20/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-19	0.46	n/a	3/20/2018	0.46ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-20	1.3	n/a	3/21/2018	0.78	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Barium, Total (ug/L)	GWA-15	12.88	n/a	3/20/2018	10	No	22	4.545	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWA-16	32.77	n/a	3/20/2018	23	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWA-17	51.02	n/a	3/20/2018	27	No	22	4.545	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-1	60.53	n/a	3/20/2018	42	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-2	54.93	n/a	3/20/2018	45	No	20	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-3	27.93	n/a	3/21/2018	18ND	No	20	0	x^(1/3)	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-4	50.06	n/a	3/21/2018	45	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-6	69.2	n/a	3/21/2018	56	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-7	43.42	n/a	3/22/2018	35	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-8A	123.3	n/a	3/22/2018	19	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-9	37.54	n/a	3/21/2018	21ND	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-10	32.84	n/a	3/21/2018	28ND	No	22	4.545	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Barium, Total (ug/L)	GWC-11	19.17	n/a	3/21/2018	16ND	No	21	4.762	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-12	19.8	n/a	3/21/2018	17ND	No	22	4.545	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-13	44.36	n/a	3/22/2018	34	No	22	0	ln(x)	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-14	11.13	n/a	3/20/2018	9.1	No	20	5	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-18	43.33	n/a	3/20/2018	33	No	22	4.545	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-19	20.15	n/a	3/20/2018	19	No	22	4.545	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-20	37.01	n/a	3/21/2018	30ND	No	22	0	No	0.000...	Param Intra 1 of 2
Beryllium, Total (ug/L)	GWA-15	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWA-16	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWA-17	2.1	n/a	3/20/2018	0.34ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-1	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-2	0.34	n/a	3/20/2018	0.34ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-3	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-4	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-6	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-7	0.34	n/a	3/22/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-8A	0.34	n/a	3/22/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-9	0.34	n/a	3/21/2018	0.34ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-10	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-11	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-12	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-13	0.34	n/a	3/22/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-14	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-18	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-19	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-20	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-15	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-16	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-17	0.021	n/a	3/20/2018	0.021ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-1	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-2	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-3	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-4	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-6	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.021	n/a	3/22/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-8A	0.3593	n/a	3/22/2018	0.25	No	8	0	No	0.000...	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.1437	n/a	3/21/2018	0.089	No	8	0	No	0.000...	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-11	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-12	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-13	0.021	n/a	3/22/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-14	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-18	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-19	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWA-15	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWA-16	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWA-17	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-1	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-2	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Cadmium, Total (ug/L)	GWC-3	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-4	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-6	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-7	0.34	n/a	3/22/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-8A	1.6	n/a	3/22/2018	0.34ND	No	22	68.18	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-9	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-10	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-11	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-12	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-13	0.34	n/a	3/22/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-14	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-18	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-19	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-20	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-15	5.889	n/a	3/20/2018	4.2	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWA-16	15.27	n/a	3/20/2018	12	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWA-17	9.172	n/a	3/20/2018	6.6	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-1	20.91	n/a	3/20/2018	18	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-2	21.36	n/a	3/20/2018	18	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-3	10.32	n/a	3/21/2018	9.3	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-4	14.96	n/a	3/21/2018	15	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	20.84	n/a	3/21/2018	19	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	14	n/a	3/22/2018	15	Yes	8	0	n/a	0.02144	NP Intra (normality) ...
Calcium (mg/L)	GWC-8A	39.47	n/a	3/22/2018	30	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	18.99	n/a	3/21/2018	19	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	18.83	n/a	3/21/2018	17	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-11	15.18	n/a	3/21/2018	13	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-12	1.371	n/a	3/21/2018	1.3	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-13	6.805	n/a	3/22/2018	6.8	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-14	7.363	n/a	3/20/2018	6.6	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	12.34	n/a	3/20/2018	11	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	12.87	n/a	3/20/2018	12	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	16.3	n/a	3/21/2018	14	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-15	5.716	n/a	3/20/2018	5.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-16	2.222	n/a	3/20/2018	1.5	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-17	2.026	n/a	3/20/2018	1.4	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-1	4.71	n/a	3/20/2018	3.9	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-2	2.613	n/a	3/20/2018	2	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-3	3.786	n/a	3/21/2018	3.4	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	10.96	n/a	3/21/2018	13	Yes	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	8.831	n/a	3/21/2018	5.4	No	7	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	1.8	n/a	3/22/2018	1.6	No	6	0	n/a	0.03391	NP Intra (normality) ...
Chloride (mg/L)	GWC-8A	8.25	n/a	3/22/2018	7	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	4.524	n/a	3/21/2018	3.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	2.453	n/a	3/21/2018	2.3	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-11	2.099	n/a	3/21/2018	1.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-12	2.096	n/a	3/21/2018	1.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-13	2.118	n/a	3/22/2018	1.4	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-14	3.378	n/a	3/20/2018	2.7	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	2.69	n/a	3/20/2018	2.3	No	8	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chloride (mg/L)	GWC-19	1.9	n/a	3/20/2018	1.6	No	8	0	n/a	0.02144	NP Intra (normality) ...
Chloride (mg/L)	GWC-20	2.328	n/a	3/21/2018	1.8	No	7	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWA-15	3.6	n/a	3/20/2018	1.1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Chromium, Total (ug/L)	GWA-16	9.391	n/a	3/20/2018	4.4	No	21	4.762	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWA-17	11.81	n/a	3/20/2018	6	No	22	4.545	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-1	19.71	n/a	3/20/2018	13	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-2	14.31	n/a	3/20/2018	9.9	No	21	4.762	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-3	22	n/a	3/21/2018	9.3ND	No	21	0	n/a	0.003999	NP Intra (normality) ...
Chromium, Total (ug/L)	GWC-4	11.36	n/a	3/21/2018	6.2ND	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-6	14.36	n/a	3/21/2018	12ND	No	22	4.545	ln(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-7	17.83	n/a	3/22/2018	8.6	No	22	0	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-8A	41.74	n/a	3/22/2018	7.9	No	22	27.27	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-9	13.11	n/a	3/21/2018	4.6ND	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-10	21.47	n/a	3/21/2018	17	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-11	12	n/a	3/21/2018	8.1ND	No	22	0	n/a	0.003707	NP Intra (normality) ...
Chromium, Total (ug/L)	GWC-12	3.202	n/a	3/21/2018	2.5ND	No	21	42.86	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-13	8.978	n/a	3/22/2018	28	No	22	0	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-14	3.6	n/a	3/20/2018	1.1ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Chromium, Total (ug/L)	GWC-18	20	n/a	3/20/2018	14	No	22	0	n/a	0.003707	NP Intra (normality) ...
Chromium, Total (ug/L)	GWC-19	16	n/a	3/20/2018	9.7	No	22	4.545	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-20	15.75	n/a	3/21/2018	8.5ND	No	22	4.545	No	0.000...	Param Intra 1 of 2
Cobalt, Total (ug/L)	GWA-15	2.5	n/a	3/20/2018	1.8	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWA-16	3	n/a	3/20/2018	0.4ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWA-17	0.4	n/a	3/20/2018	0.4ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-1	0.4	n/a	3/20/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-2	0.4	n/a	3/20/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-3	3.7	n/a	3/21/2018	0.4ND	No	22	77.27	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-4	0.68	n/a	3/21/2018	0.4ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-6	0.4	n/a	3/21/2018	0.4ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-7	0.4	n/a	3/22/2018	0.4ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-8A	6.8	n/a	3/22/2018	0.4ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-9	0.4	n/a	3/21/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-10	0.4	n/a	3/21/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-11	0.4	n/a	3/21/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-12	0.49	n/a	3/21/2018	0.4ND	No	22	81.82	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-13	0.4	n/a	3/22/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-14	0.4	n/a	3/20/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-18	3.2	n/a	3/20/2018	0.4ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-19	0.4	n/a	3/20/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-20	0.5	n/a	3/21/2018	0.4ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-15	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-16	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-17	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-1	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-2	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-3	0.012	n/a	3/21/2018	0.0021ND	No	17	76.47	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-4	0.0037	n/a	3/21/2018	0.0021ND	No	17	47.06	n/a	0.005914	NP Intra (normality) ...
Copper (mg/L)	GWC-6	0.0037	n/a	3/21/2018	0.0021ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.008	n/a	3/22/2018	0.0021ND	No	17	76.47	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8A	0.2355	n/a	3/22/2018	0.0021ND	No	17	5.882	sqrt(x)	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Copper (mg/L)	GWC-9	0.0025	n/a	3/21/2018	0.0038	Yes	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.0021	n/a	3/21/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.0021	n/a	3/21/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-12	0.0021	n/a	3/21/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.0024	n/a	3/22/2018	0.0021ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14	0.0021	n/a	3/20/2018	0.0021ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.0025	n/a	3/20/2018	0.0021ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.0021	n/a	3/21/2018	0.0021ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-15	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-16	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-17	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-1	0.1087	n/a	3/20/2018	0.082ND	No	8	37.5	x^3	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-2	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-3	0.082	n/a	3/21/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-4	0.1871	n/a	3/21/2018	0.094	No	8	0	No	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-6	0.082	n/a	3/21/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-7	0.12	n/a	3/22/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-8A	0.2403	n/a	3/22/2018	0.091	No	8	0	No	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-9	0.083	n/a	3/21/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-10	0.082	n/a	3/21/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-11	0.082	n/a	3/21/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-12	0.082	n/a	3/21/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-13	0.082	n/a	3/22/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-14	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.082	n/a	3/21/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWA-15	0.35	n/a	3/20/2018	0.35ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWA-16	5.1	n/a	3/20/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWA-17	3.4	n/a	3/20/2018	0.35ND	No	22	72.73	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-1	8.5	n/a	3/20/2018	0.35ND	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-2	6.3	n/a	3/20/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-3	11	n/a	3/21/2018	0.35ND	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-4	6.2	n/a	3/21/2018	0.35ND	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-6	6.7	n/a	3/21/2018	0.35ND	No	22	68.18	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-7	6.4	n/a	3/22/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-8A	23	n/a	3/22/2018	0.35ND	No	22	45.45	n/a	0.003707	NP Intra (normality) ...
Lead, Total (ug/L)	GWC-9	6.9	n/a	3/21/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-10	7	n/a	3/21/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-11	5.1	n/a	3/21/2018	0.35ND	No	21	66.67	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-12	0.35	n/a	3/21/2018	0.35ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-13	3.6	n/a	3/22/2018	0.35ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-14	2.8	n/a	3/20/2018	0.35ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-18	5.2	n/a	3/20/2018	0.35ND	No	22	68.18	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-19	5.6	n/a	3/20/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-20	5.6	n/a	3/21/2018	0.35ND	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-15	0.0002	n/a	3/20/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-16	0.00014	n/a	3/20/2018	0.00007ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-17	0.0002	n/a	3/20/2018	0.0002ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Mercury (mg/L)	GWC-1	0.0002	n/a	3/20/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-2	0.0002	n/a	3/20/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-3	0.00014	n/a	3/21/2018	0.00007ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-4	0.0002	n/a	3/21/2018	0.0002ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.0002	n/a	3/21/2018	0.0002ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-7	0.0002	n/a	3/22/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-8A	0.0002	n/a	3/22/2018	0.0002ND	No	22	81.82	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-9	0.000088	n/a	3/21/2018	0.00007ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-10	0.00011	n/a	3/21/2018	0.00007ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-11	0.00019	n/a	3/21/2018	0.00007ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-12	0.00007	n/a	3/21/2018	0.00007ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-13	0.0002	n/a	3/22/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-14	0.00016	n/a	3/20/2018	0.00007ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.000089	n/a	3/20/2018	0.00007ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19	0.0002	n/a	3/20/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20	0.0001	n/a	3/21/2018	0.00007ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-15	0.00202	n/a	3/20/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.0025	n/a	3/20/2018	0.04	Yes	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-17	0.0018	n/a	3/20/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-1	0.0086	n/a	3/20/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-2	0.0033	n/a	3/20/2018	0.0018ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-3	0.0093	n/a	3/21/2018	0.0022	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-4	0.0021	n/a	3/21/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.0053	n/a	3/21/2018	0.0018ND	No	17	76.47	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.0044	n/a	3/22/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8A	0.0093	n/a	3/22/2018	0.0018ND	No	17	41.18	n/a	0.005914	NP Intra (normality) ...
Nickel (mg/L)	GWC-9	0.0018	n/a	3/21/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.00271	n/a	3/21/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0018	n/a	3/21/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.0018	n/a	3/21/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13	0.0018	n/a	3/22/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-14	0.0018	n/a	3/20/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.0045	n/a	3/20/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.01	n/a	3/20/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.0063	n/a	3/21/2018	0.0018ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-15	5.807	5.203	3/20/2018	5.48	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWA-16	6.627	6.136	3/20/2018	6.36	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWA-17	6.446	5.482	3/20/2018	5.97	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-1	6.798	6.212	3/20/2018	6.63	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-2	7	6.36	3/20/2018	6.52	No	11	0	n/a	0.02553	NP Intra (normality) ...
pH (S.U.)	GWC-3	6.149	5.684	3/21/2018	5.96	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-4	6.542	6.069	3/21/2018	6.23	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-6	6.371	5.996	3/21/2018	6.21	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-7	6.473	6.162	3/22/2018	6.34	No	11	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-8A	7.11	6.24	3/22/2018	7.05	No	15	0	n/a	0.01507	NP Intra (normality) ...
pH (S.U.)	GWC-9	6.938	6.202	3/21/2018	6.76	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-10	6.661	5.969	3/21/2018	6.56	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-11	6.414	5.919	3/21/2018	6.21	No	11	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-12	5.48	4.77	3/21/2018	5.33	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-13	6.138	5.588	3/22/2018	5.88	No	13	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
pH (S.U.)	GWC-14	5.869	5.296	3/20/2018	5.73	No	11	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-18	6.488	6.11	3/20/2018	6.34	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-19	6.51	6.35	3/20/2018	6.37	No	11	0	n/a	0.02553	NP Intra (normality) ...
pH (S.U.)	GWC-20	6.734	6.281	3/21/2018	6.5	No	12	0	No	0.000...	Param Intra 1 of 2
Selenium, Total (ug/L)	GWA-15	1.3	n/a	3/20/2018	1.3ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWA-16	4.3	n/a	3/20/2018	0.24ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWA-17	4.4	n/a	3/20/2018	0.24ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-1	5.3	n/a	3/20/2018	1.3ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-2	4.5	n/a	3/20/2018	1.3ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-3	0.36	n/a	3/21/2018	0.24ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-4	1.3	n/a	3/21/2018	1.3ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-6	7	n/a	3/21/2018	1.3ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-7	5.3	n/a	3/22/2018	0.24ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-8A	4.5	n/a	3/22/2018	0.32	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-9	6.5	n/a	3/21/2018	1.3ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-10	4.6	n/a	3/21/2018	0.24ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-11	5	n/a	3/21/2018	0.24ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-12	4	n/a	3/21/2018	0.24ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-13	0.24	n/a	3/22/2018	0.24ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-14	5.2	n/a	3/20/2018	0.24ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-18	4.1	n/a	3/20/2018	0.24ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-19	4.4	n/a	3/20/2018	0.24ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-20	0.24	n/a	3/21/2018	0.24ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-15	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-16	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-17	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.00012	n/a	3/20/2018	0.00011ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-2	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-3	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-4	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.00012	n/a	3/21/2018	0.00011ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-7	0.00011	n/a	3/22/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-8A	0.00011	n/a	3/22/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-9	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-10	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-11	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-12	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-13	0.00011	n/a	3/22/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-14	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-18	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-19	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-20	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-15	1	n/a	3/20/2018	1.2	Yes	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-16	0.7	n/a	3/20/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-17	0.7	n/a	3/20/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-1	1	n/a	3/20/2018	0.95	No	8	50	n/a	0.02144	NP Intra (normality) ...
Sulfate (mg/L)	GWC-2	0.7	n/a	3/20/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	3/21/2018	0.7ND	No	8	62.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.614	n/a	3/21/2018	4.9	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	18.51	n/a	3/21/2018	9.5	No	8	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Sulfate (mg/L)	GWC-7	0.7	n/a	3/22/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-8A	46.61	n/a	3/22/2018	39	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	19.63	n/a	3/21/2018	12	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	1.355	n/a	3/21/2018	1.1	No	8	37.5	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-11	0.7	n/a	3/21/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-12	0.7	n/a	3/21/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-13	0.7	n/a	3/22/2018	0.7ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-14	0.7	n/a	3/20/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	0.7	n/a	3/20/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	0.7	n/a	3/20/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-20	0.7	n/a	3/21/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWA-15	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWA-16	0.3	n/a	3/20/2018	0.085ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWA-17	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-1	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-2	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-3	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-4	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-6	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-7	0.27	n/a	3/22/2018	0.085ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-8A	0.085	n/a	3/22/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-9	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-10	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-11	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-12	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-13	0.085	n/a	3/22/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-14	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-18	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-19	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-20	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWA-15	73.77	n/a	3/20/2018	20	No	8	12.5	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-16	171.2	n/a	3/20/2018	110	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-17	150.6	n/a	3/20/2018	90	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-1	170.8	n/a	3/20/2018	110	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-2	207.6	n/a	3/20/2018	120	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-3	110.3	n/a	3/21/2018	98	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	140.4	n/a	3/21/2018	160	Yes	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-6	174.7	n/a	3/21/2018	170	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-7	160.7	n/a	3/22/2018	130	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-8A	220.3	n/a	3/22/2018	220	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	217.1	n/a	3/21/2018	160	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-10	170.5	n/a	3/21/2018	120	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-11	361.1	n/a	3/21/2018	100	No	8	0	x^(1/3)	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-12	207.8	n/a	3/21/2018	28	No	8	50	ln(x)	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-13	98.85	n/a	3/22/2018	76	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-14	98.65	n/a	3/20/2018	42	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	114	n/a	3/20/2018	92	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-19	165	n/a	3/20/2018	100	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	129.9	n/a	3/21/2018	100	No	8	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWA-15	0.0035	n/a	3/20/2018	0.0014ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2

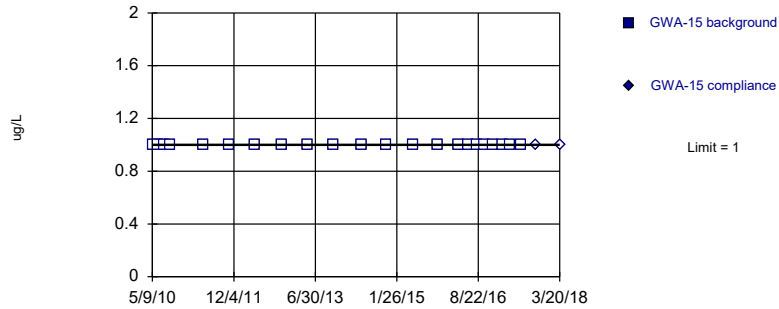
Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Vanadium (mg/L)	GWA-16	0.01365	n/a	3/20/2018	0.0067	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWA-17	0.009845	n/a	3/20/2018	0.0041	No	17	23.53	sqrt(x)	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-1	0.02566	n/a	3/20/2018	0.016	No	17	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-2	0.02028	n/a	3/20/2018	0.014	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-3	0.01144	n/a	3/21/2018	0.0097	No	16	6.25	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-4	0.01268	n/a	3/21/2018	0.0058	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-6	0.01045	n/a	3/21/2018	0.0077	No	14	7.143	x^2	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-7	0.0161	n/a	3/22/2018	0.012	No	15	6.667	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-8A	0.1115	n/a	3/22/2018	0.0043	No	17	0	sqrt(x)	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-9	0.02519	n/a	3/21/2018	0.018	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-10	0.01799	n/a	3/21/2018	0.012	No	17	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-11	0.0139	n/a	3/21/2018	0.0098	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-12	0.0032	n/a	3/21/2018	0.0014ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.004	n/a	3/22/2018	0.0014ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14	0.0026	n/a	3/20/2018	0.0014ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.01207	n/a	3/20/2018	0.0064	No	17	5.882	ln(x)	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-19	0.01125	n/a	3/20/2018	0.0072	No	17	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-20	0.02409	n/a	3/21/2018	0.021	No	17	5.882	No	0.000...	Param Intra 1 of 2
Zinc (mg/L)	GWA-15	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-16	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-17	0.0073	n/a	3/20/2018	0.0065ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-1	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-2	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-3	0.018	n/a	3/21/2018	0.0065ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-4	0.0065	n/a	3/21/2018	0.0065ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.0065	n/a	3/21/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.0065	n/a	3/22/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8A	0.2896	n/a	3/22/2018	0.0065ND	No	17	11.76	sqrt(x)	0.000...	Param Intra 1 of 2
Zinc (mg/L)	GWC-9	0.0065	n/a	3/21/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.0065	n/a	3/21/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.02	n/a	3/21/2018	0.007	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.0065	n/a	3/21/2018	0.0065ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-13	0.0065	n/a	3/22/2018	0.0065ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.0085	n/a	3/20/2018	0.0065ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.0065	n/a	3/21/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2

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Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

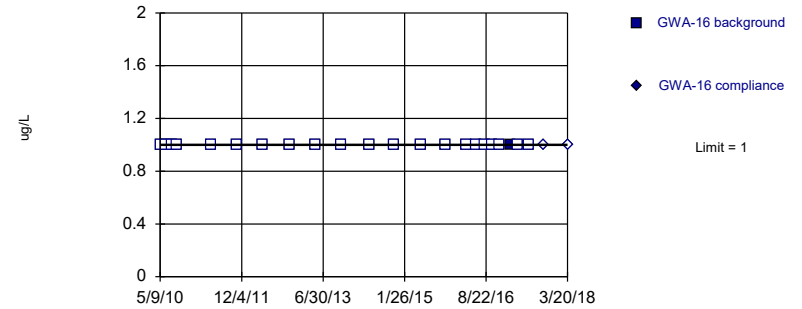


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

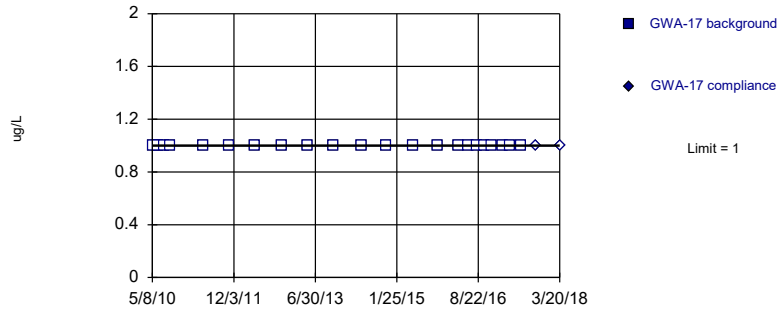


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Within Limit Prediction Limit
Intrawell Non-parametric

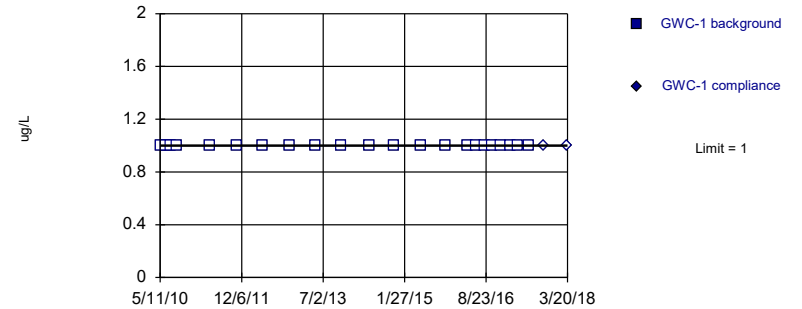


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
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Within Limit Prediction Limit
Intrawell Non-parametric

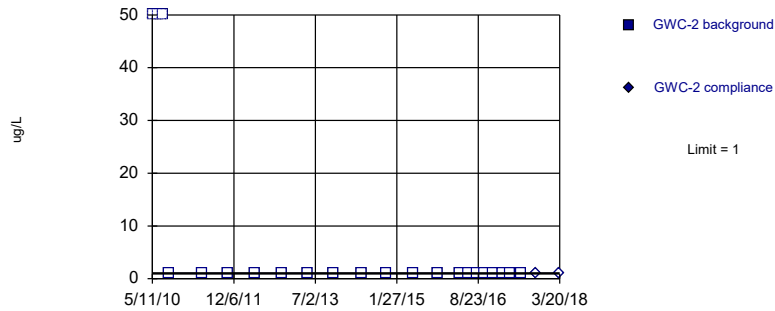


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

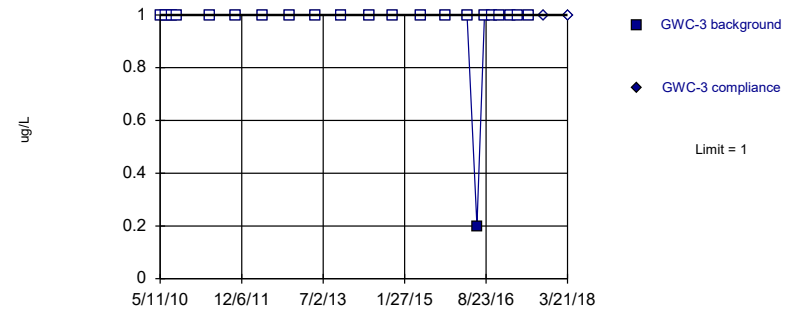


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

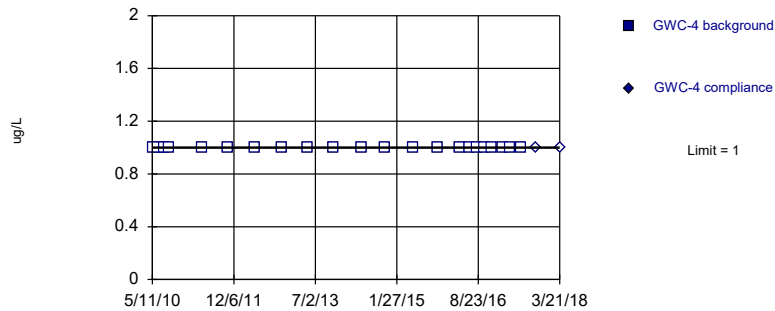


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

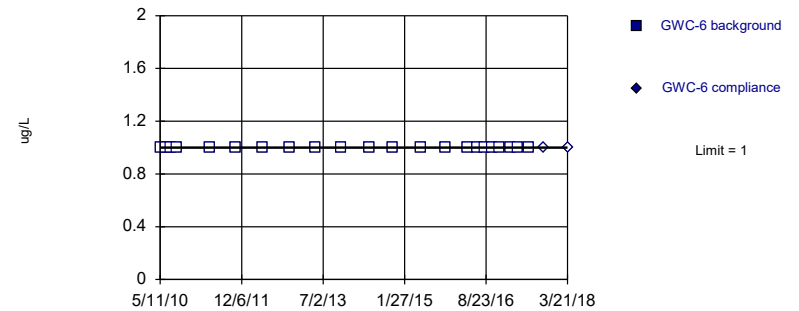


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric



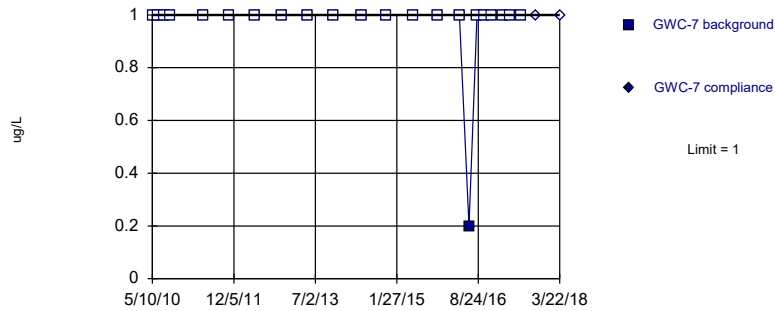
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



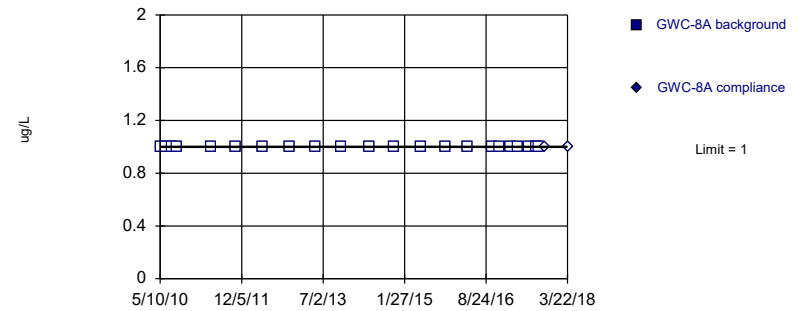
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



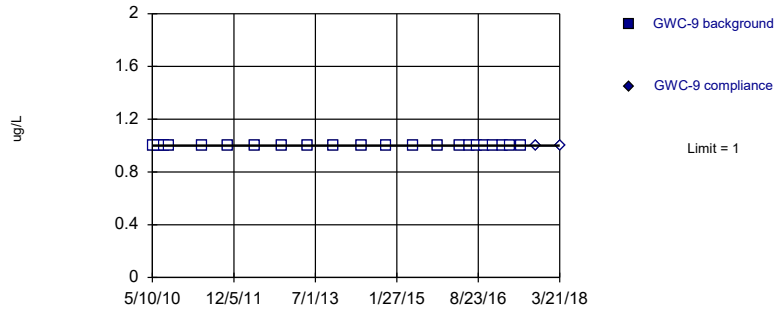
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

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Within Limit

Prediction Limit
Intrawell Non-parametric



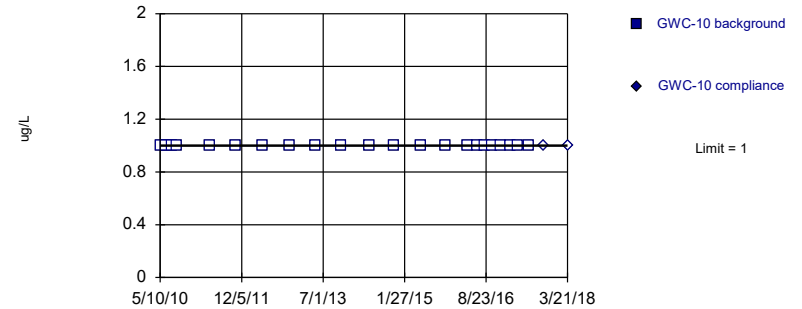
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Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
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Within Limit

Prediction Limit
Intrawell Non-parametric



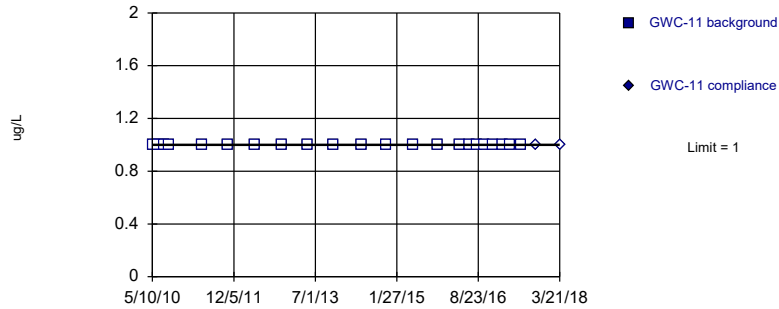
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Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Within Limit

Prediction Limit
Intrawell Non-parametric



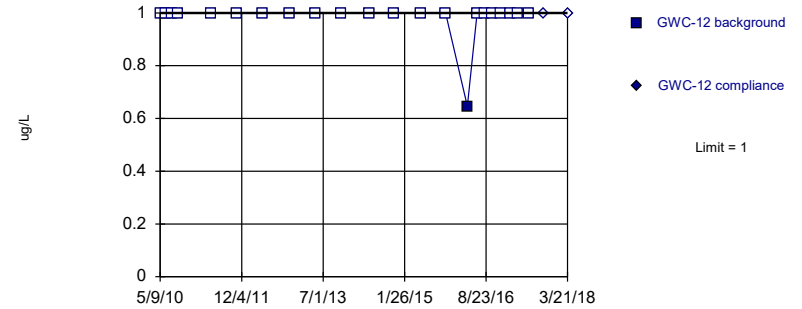
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Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



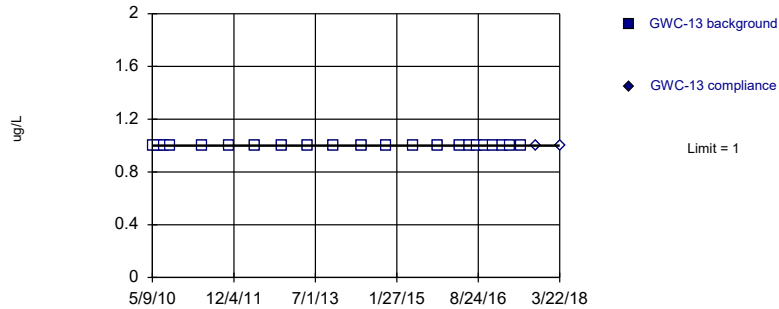
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Within Limit

Prediction Limit
Intrawell Non-parametric



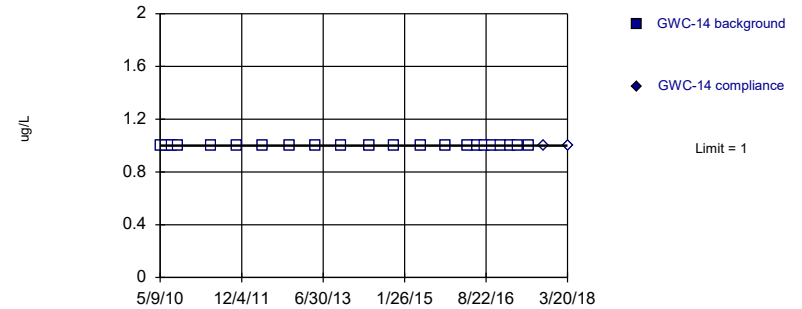
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Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



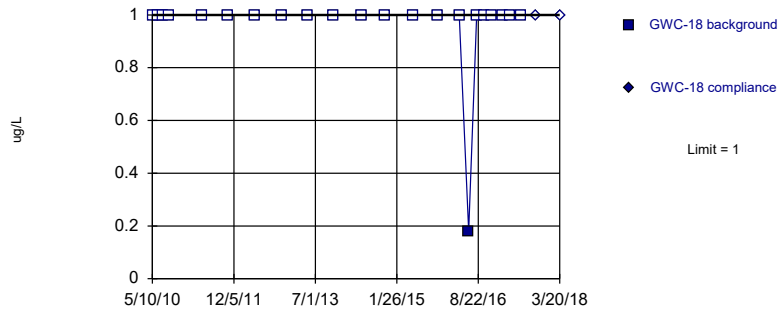
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



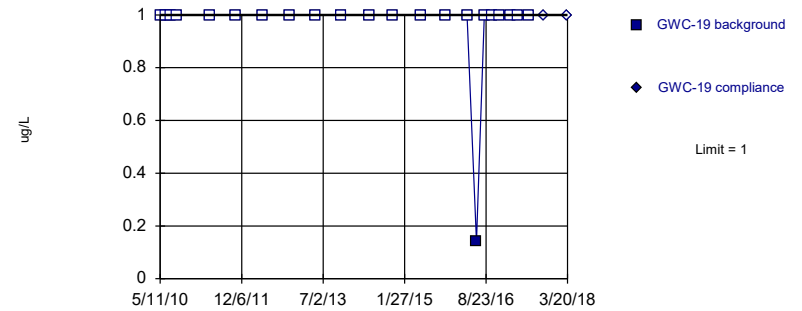
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



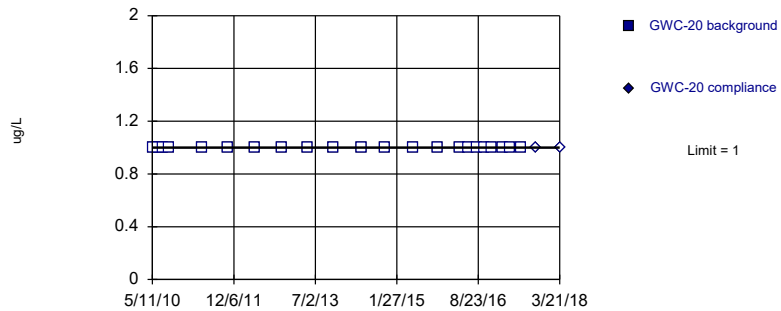
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



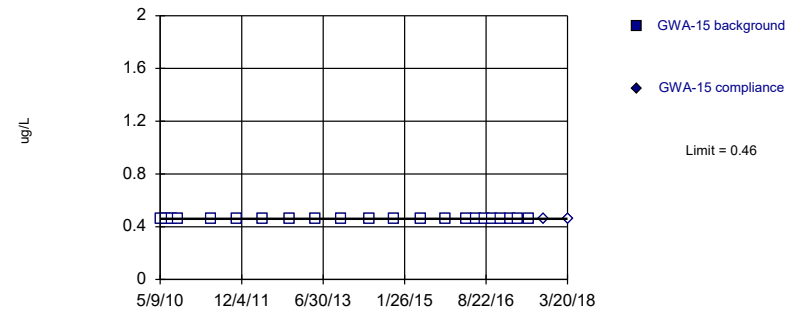
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

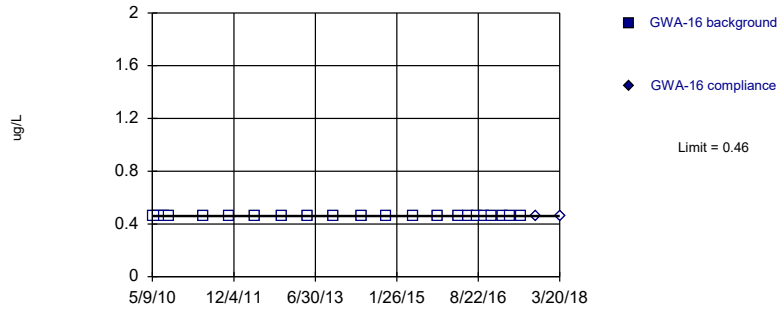


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

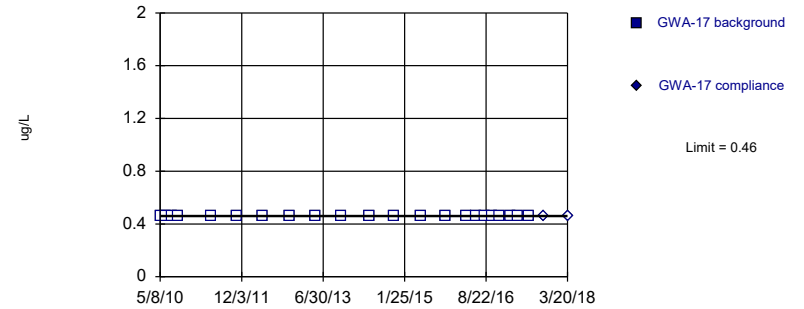


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

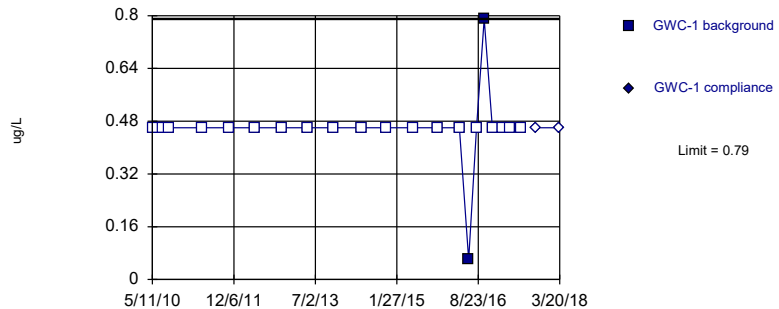


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

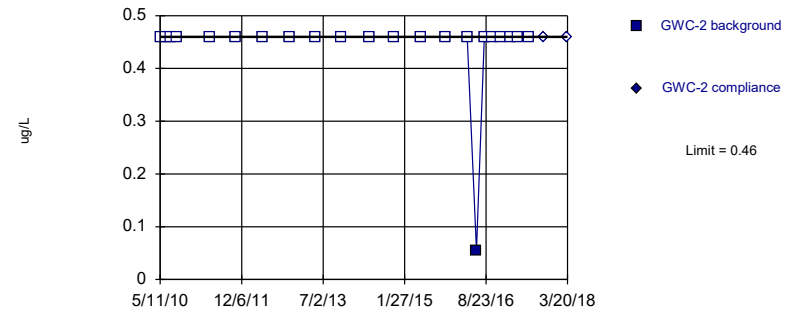


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Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



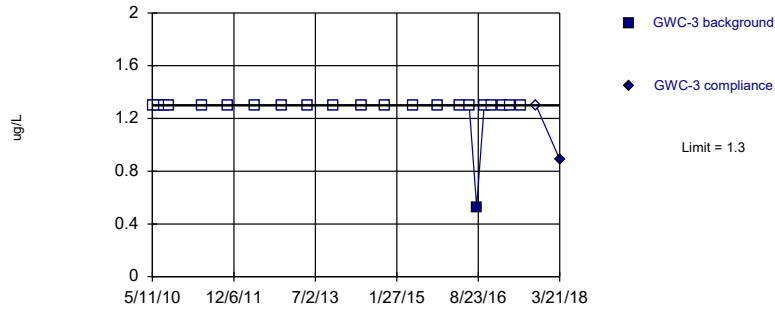
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Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Within Limit

Prediction Limit
Intrawell Non-parametric



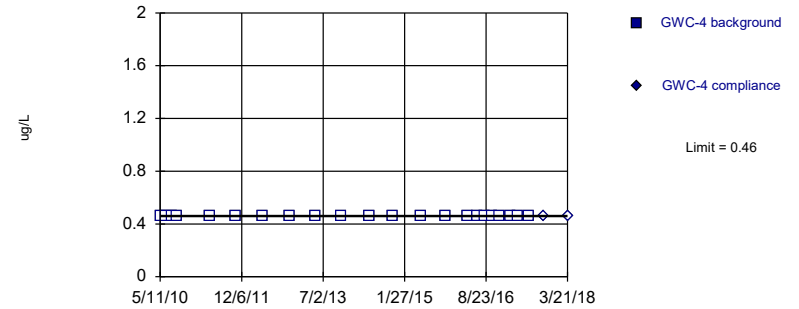
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Within Limit

Prediction Limit
Intrawell Non-parametric



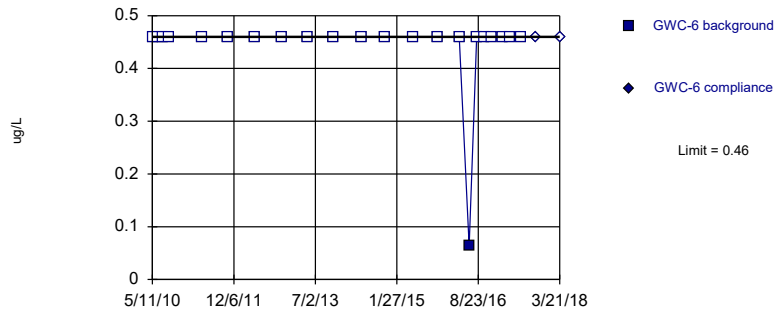
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Within Limit

Prediction Limit
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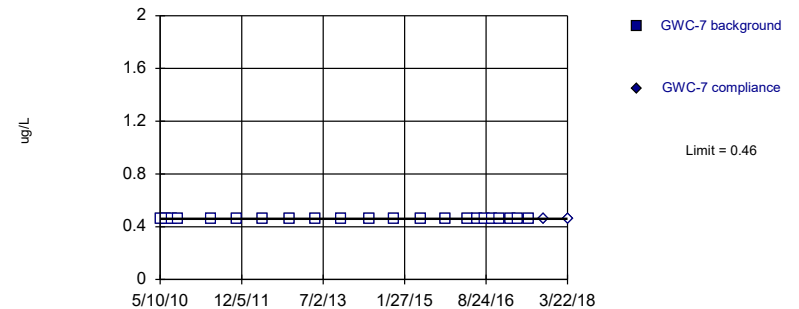
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Within Limit

Prediction Limit
Intrawell Non-parametric



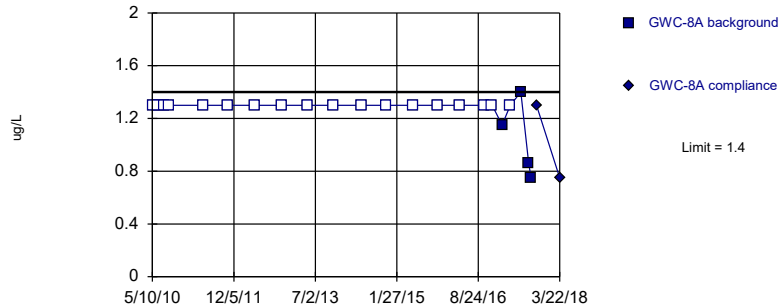
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



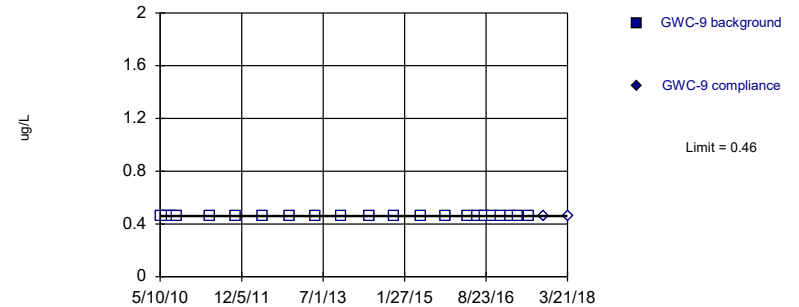
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Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
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Within Limit

Prediction Limit
Intrawell Non-parametric



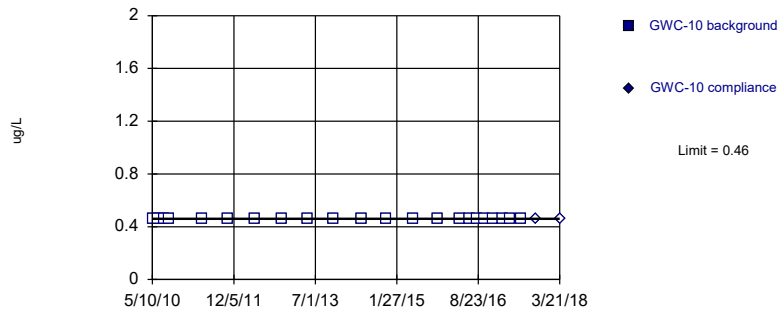
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Within Limit

Prediction Limit
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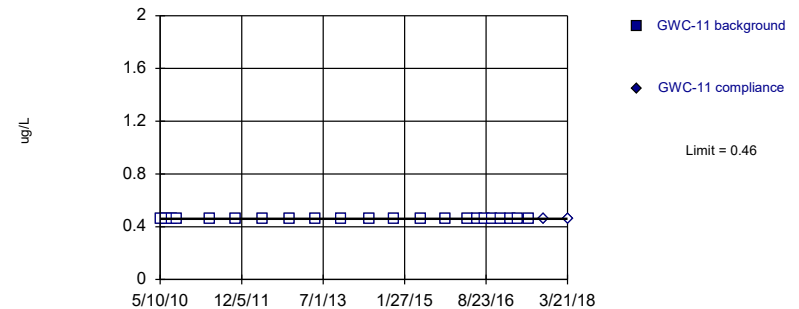
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Within Limit

Prediction Limit
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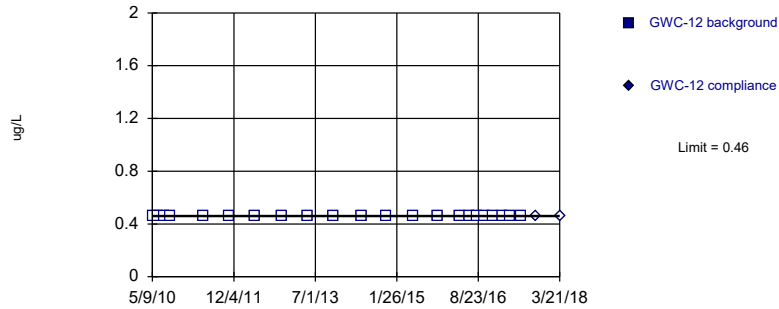
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Within Limit

Prediction Limit
Intrawell Non-parametric



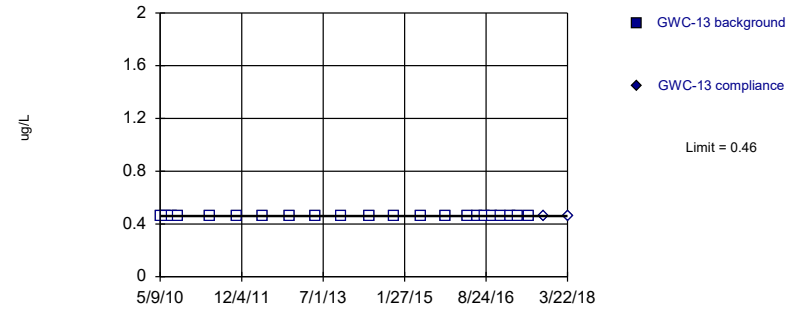
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

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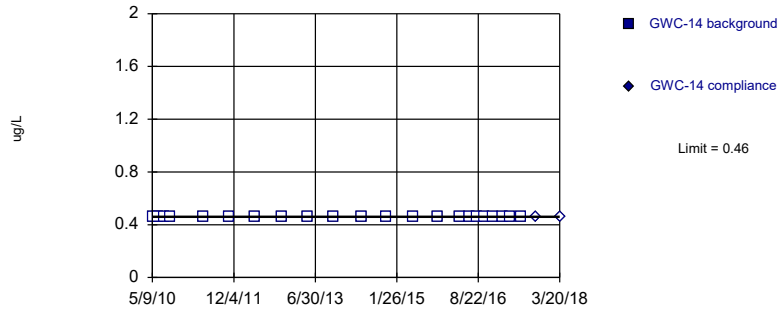
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Within Limit

Prediction Limit
Intrawell Non-parametric



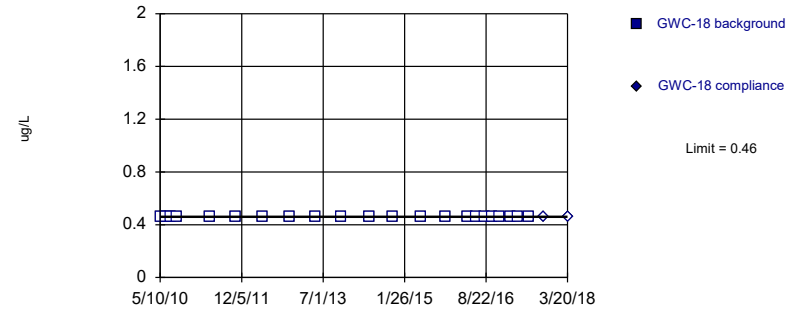
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Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
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Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
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Within Limit

Prediction Limit
Intrawell Non-parametric

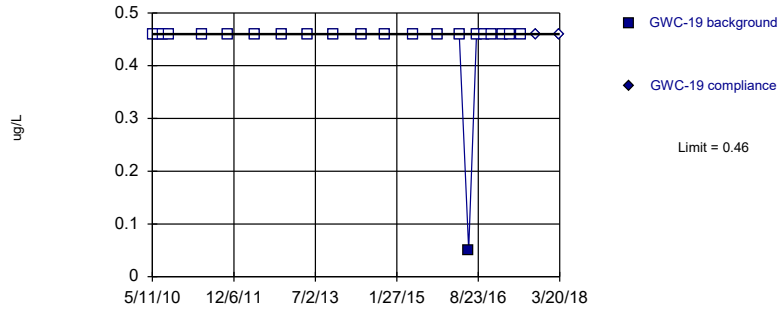


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

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Within Limit

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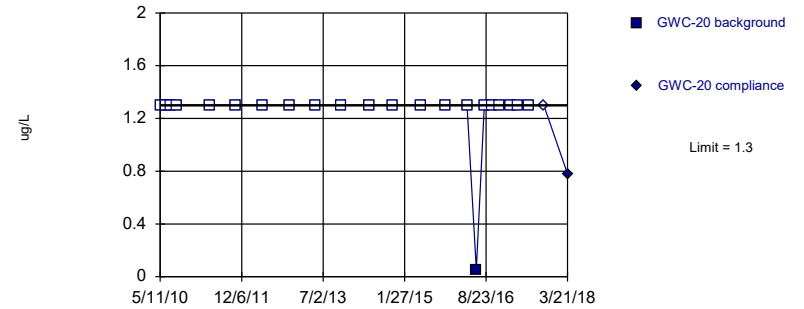


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

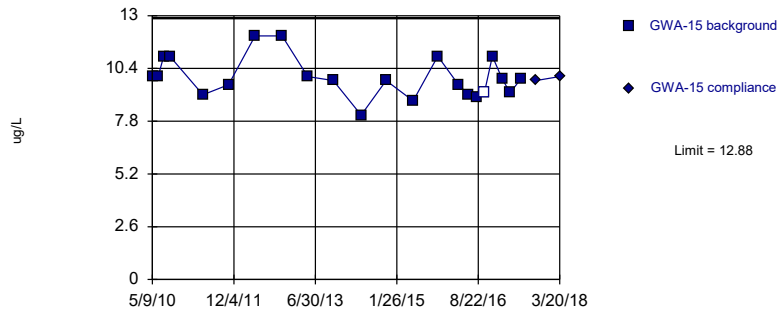


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

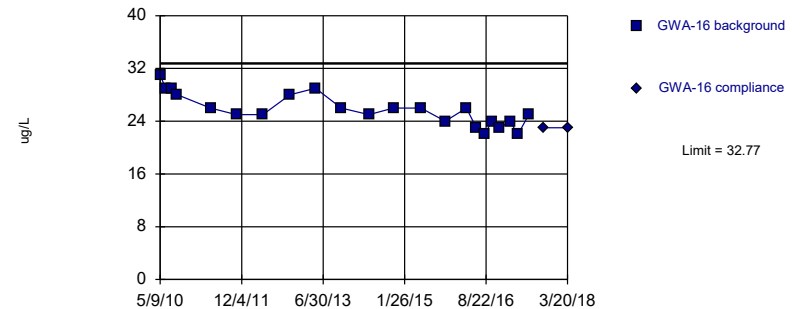


Background Data Summary: Mean=9.959, Std. Dev.=1.008, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.937, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

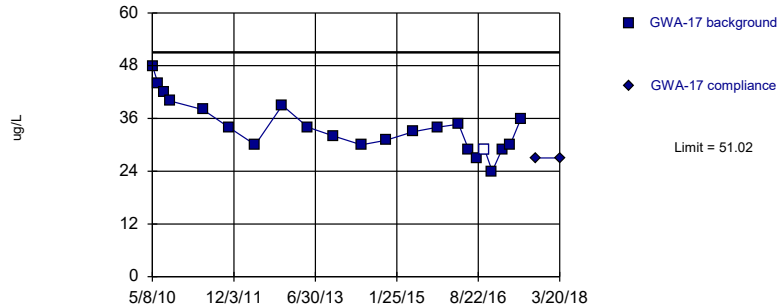


Background Data Summary: Mean=25.73, Std. Dev.=2.434, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9506, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
 Intrawell Parametric

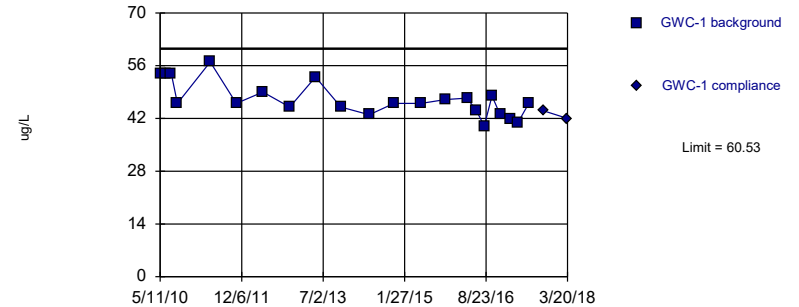


Background Data Summary: Mean=33.99, Std. Dev.=5.886, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9551, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
 Intrawell Parametric

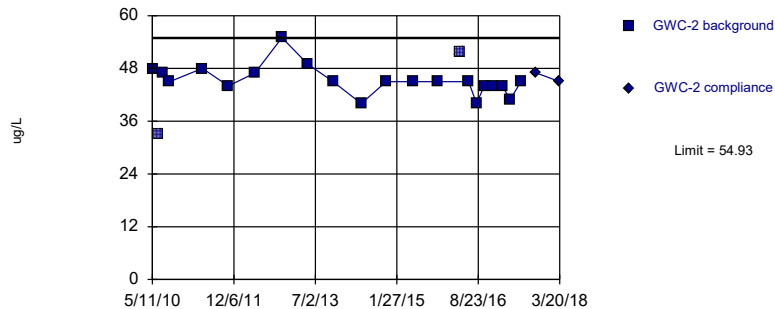


Background Data Summary: Mean=47.11, Std. Dev.=4.639, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9244, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
 Intrawell Parametric

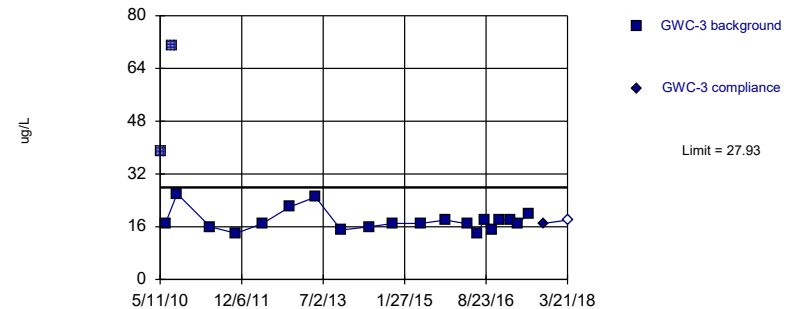


Background Data Summary: Mean=45.3, Std. Dev.=3.326, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8835, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

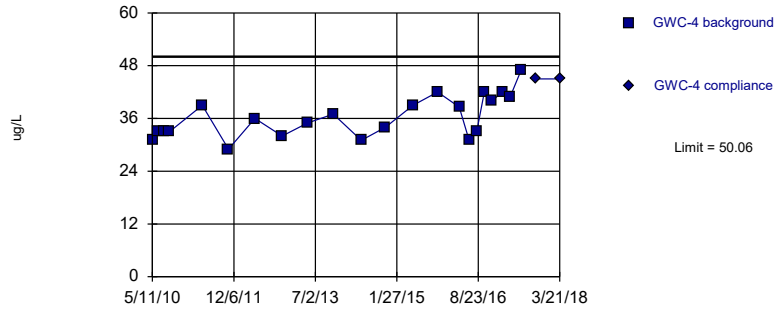
Prediction Limit
 Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=2.605, Std. Dev.=0.1482, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8735, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

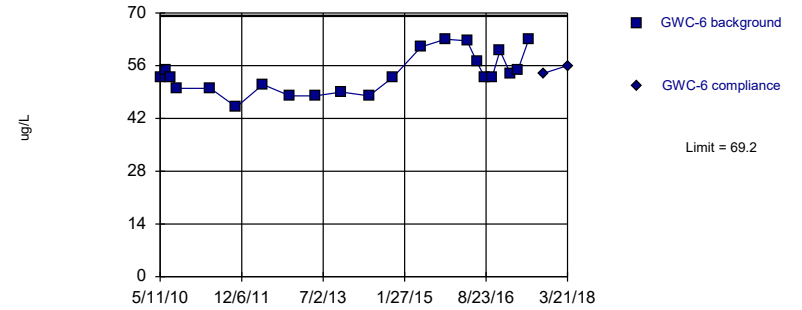
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=36.3, Std. Dev.=4.755, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9456, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

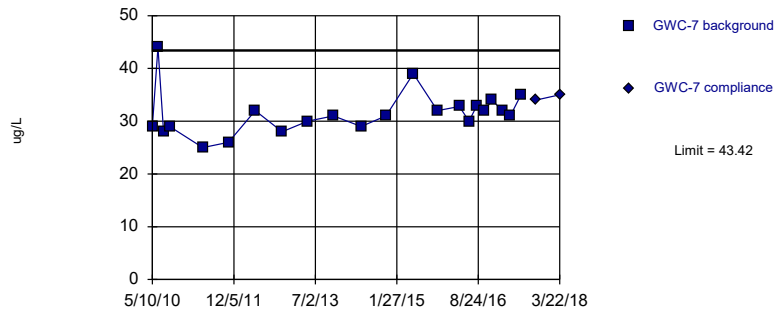
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=53.85, Std. Dev.=5.307, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9304, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

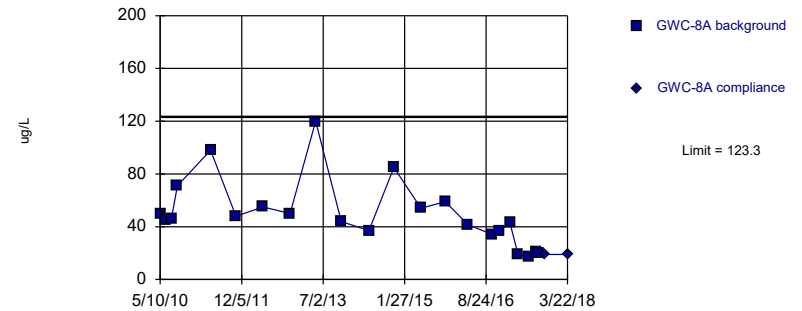
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=31.49, Std. Dev.=4.123, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8914, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Parametric



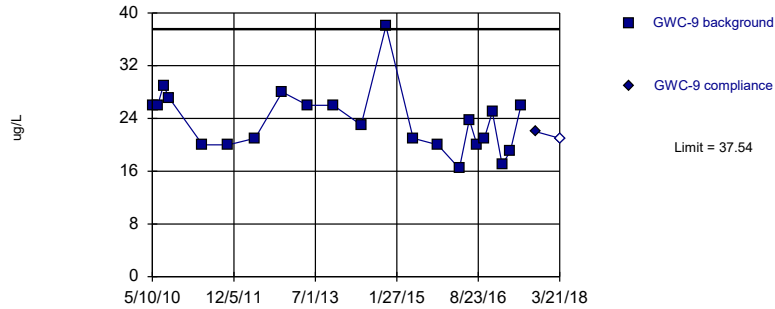
Background Data Summary: Mean=49.75, Std. Dev.=25.43, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8892, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



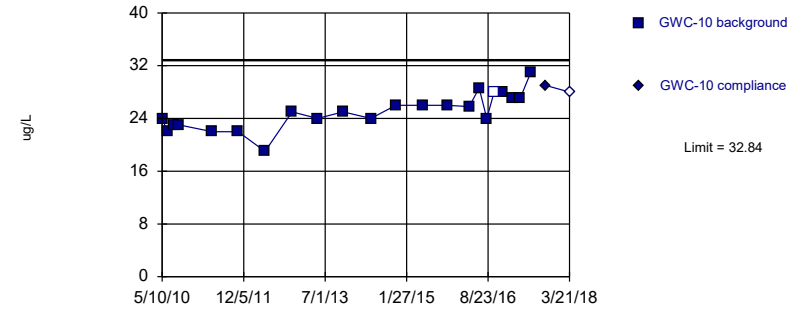
Background Data Summary: Mean=23.6, Std. Dev.=4.817, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9073, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



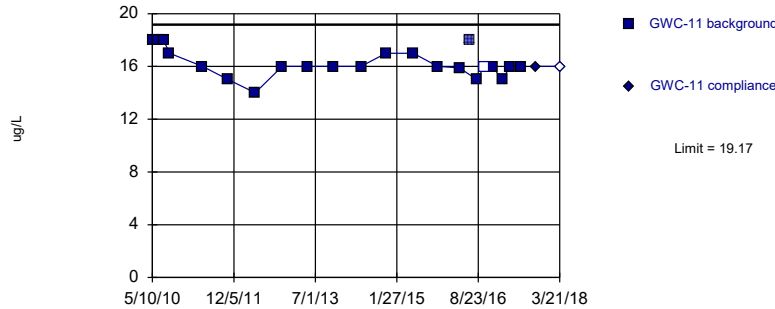
Background Data Summary: Mean=25.02, Std. Dev.=2.704, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9835, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



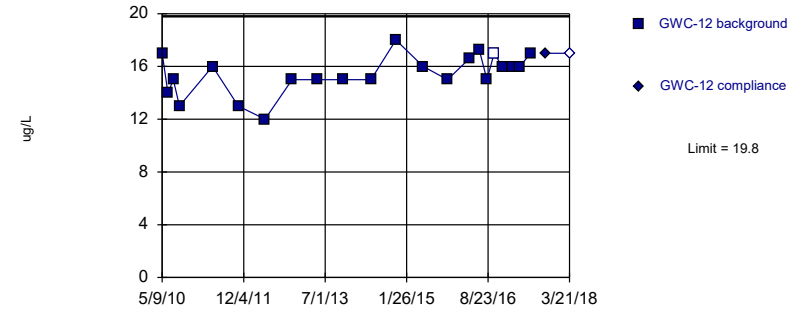
Background Data Summary: Mean=16.19, Std. Dev.=1.032, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8852, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric

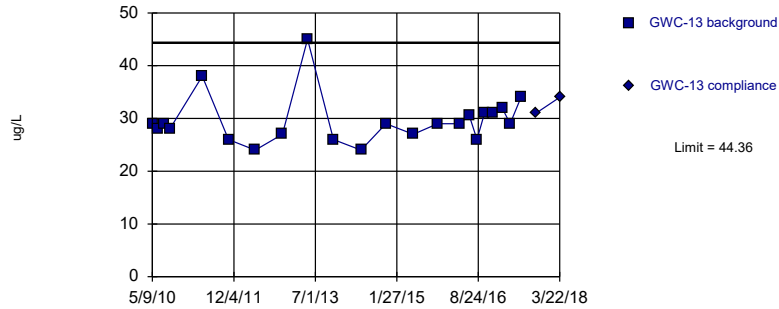


Background Data Summary: Mean=15.45, Std. Dev.=1.502, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9404, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

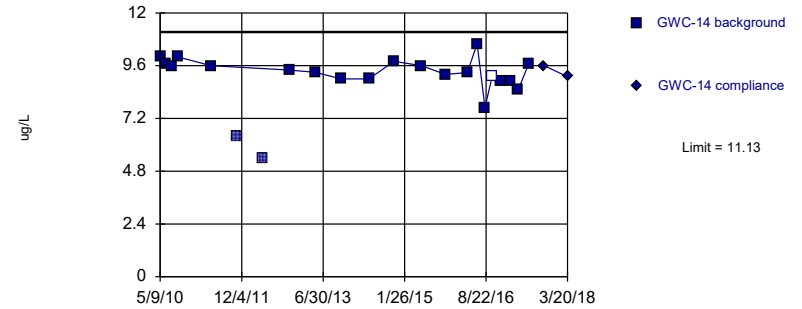


Background Data Summary (based on natural log transformation): Mean=3.378, Std. Dev.=0.1432, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8855, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

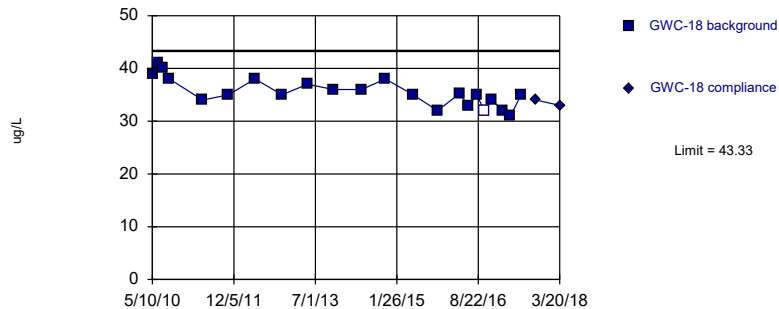


Background Data Summary: Mean=9.345, Std. Dev.=0.6169, n=20, 5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9561, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

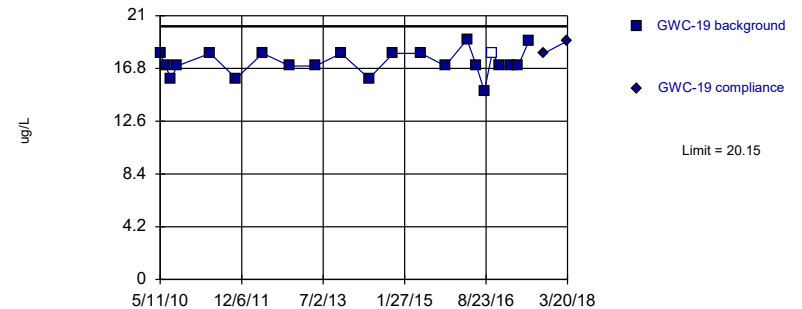


Background Data Summary: Mean=35.51, Std. Dev.=2.702, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9634, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric



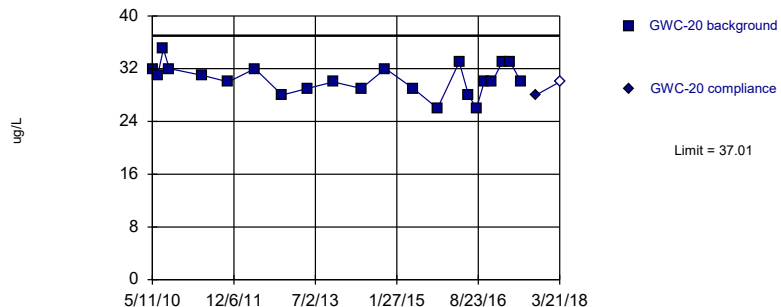
Background Data Summary: Mean=17.28, Std. Dev.=0.9933, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9152, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



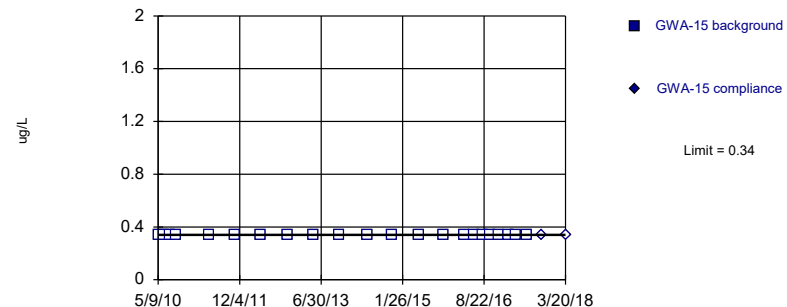
Background Data Summary: Mean=30.41, Std. Dev.=2.282, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9653, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



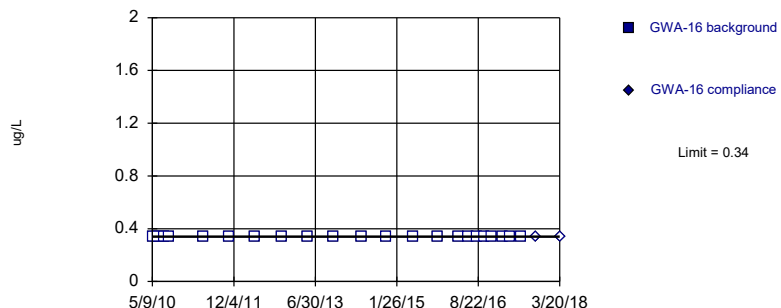
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



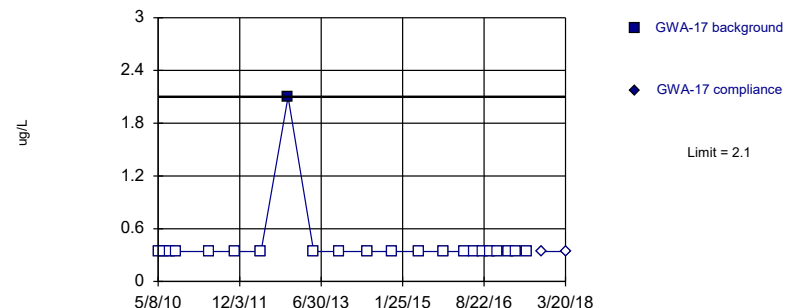
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



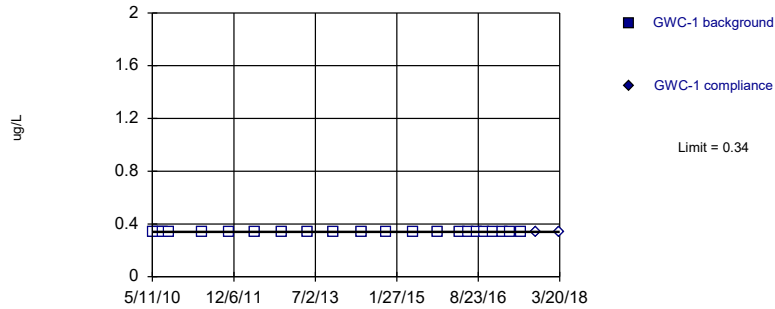
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



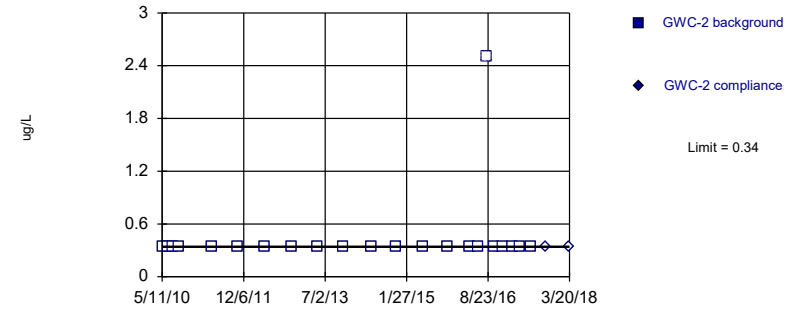
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



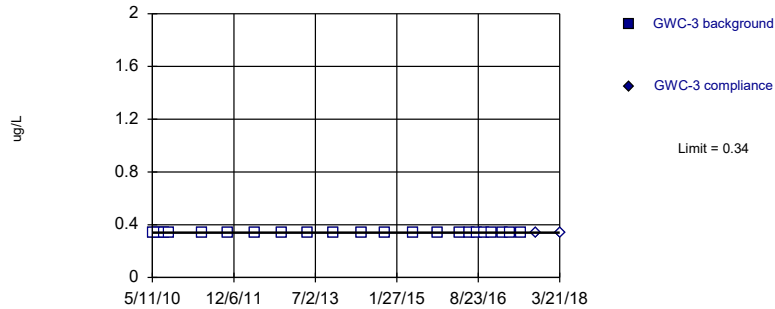
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



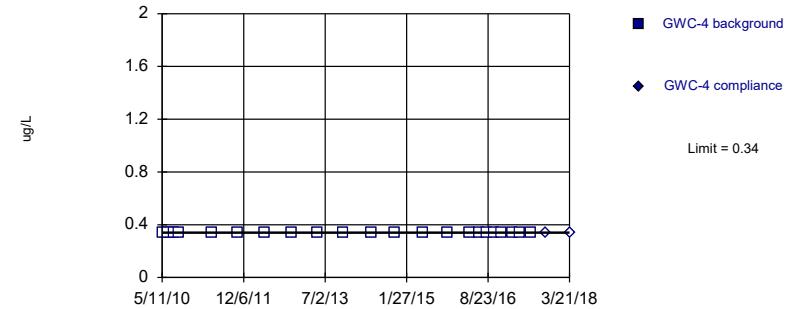
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



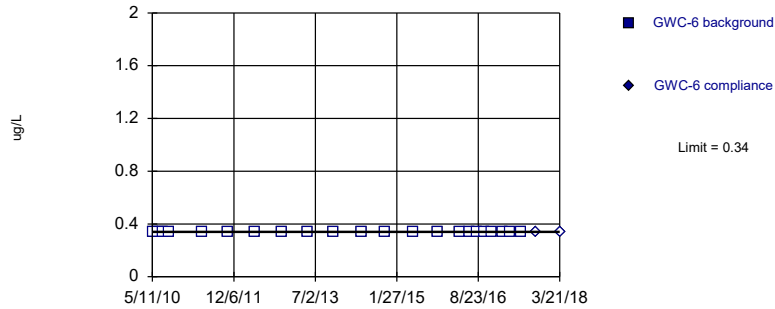
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



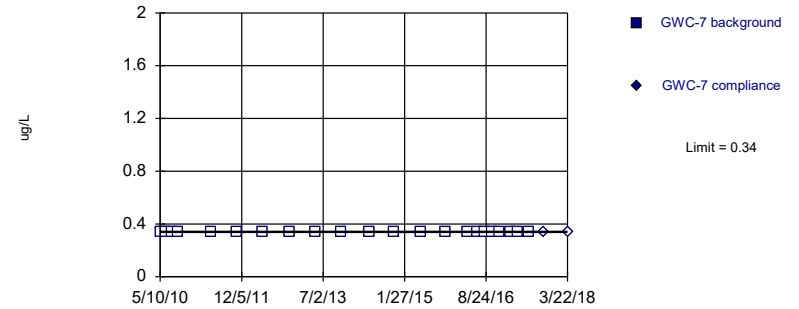
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



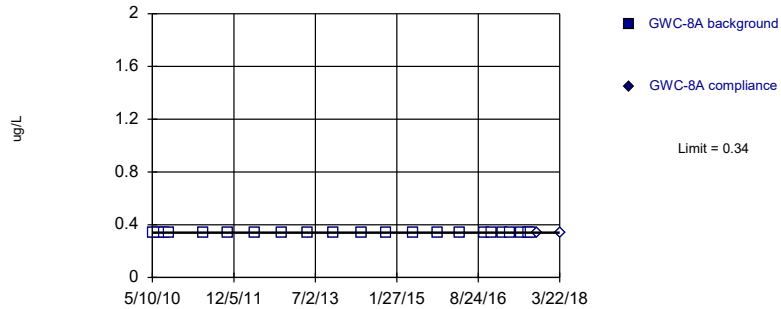
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



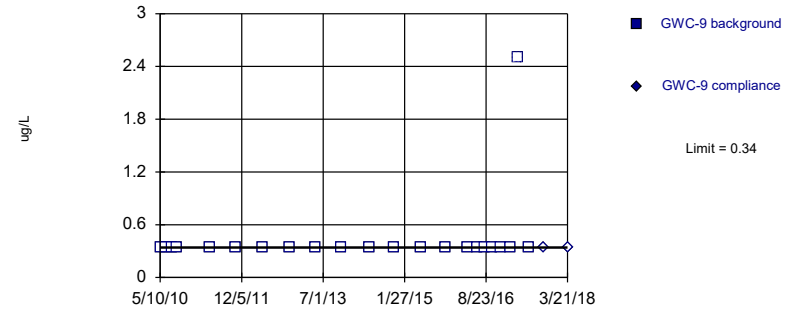
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

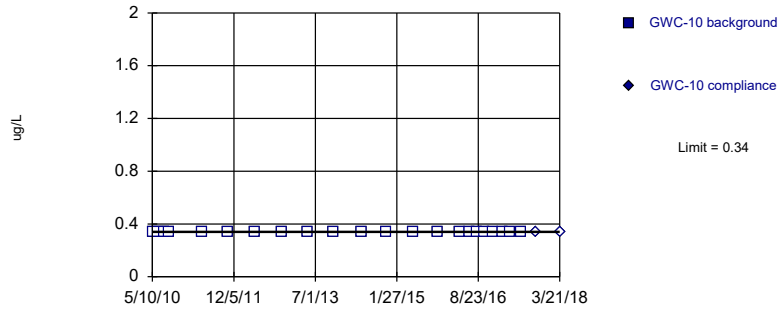


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

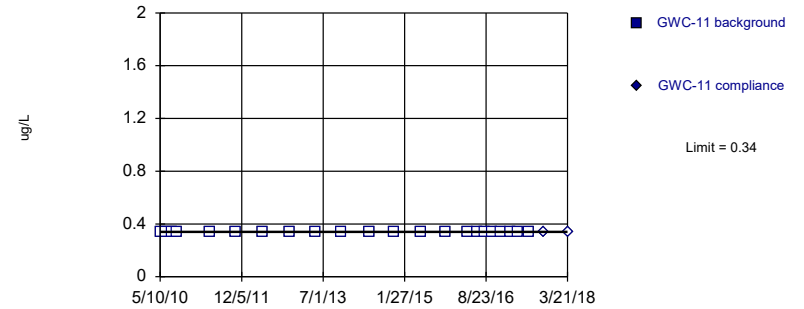


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

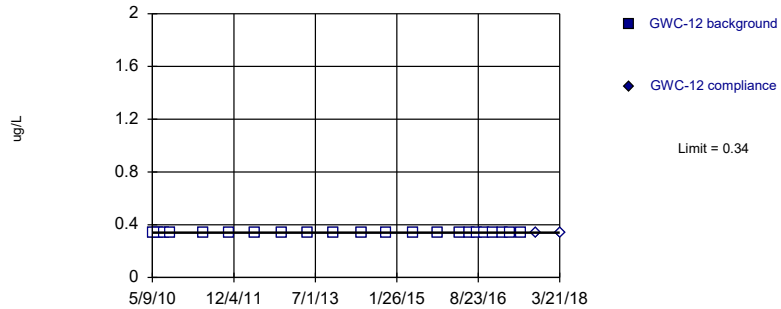


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

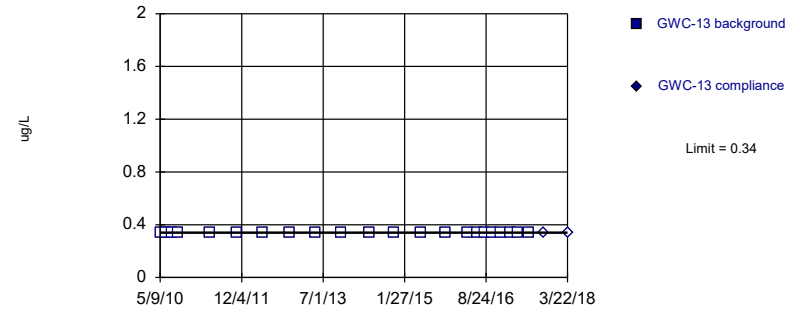


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



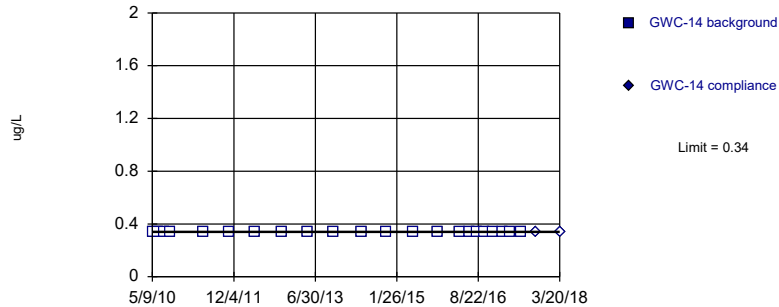
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



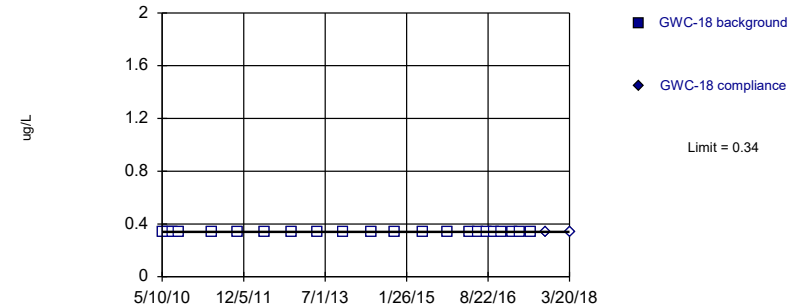
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



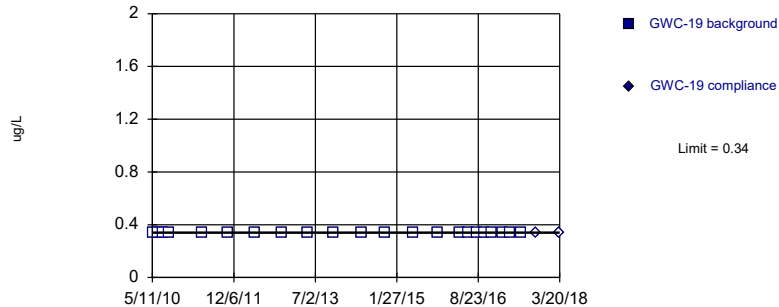
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



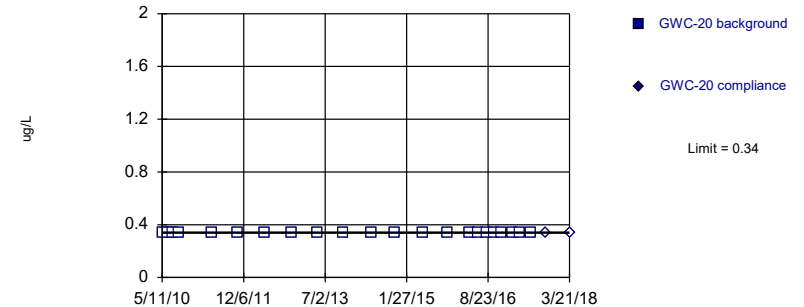
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

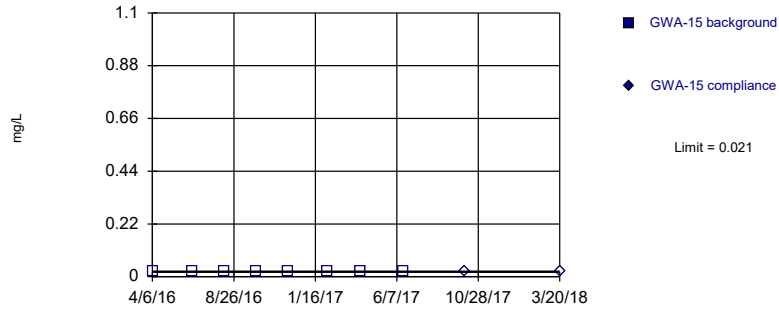


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

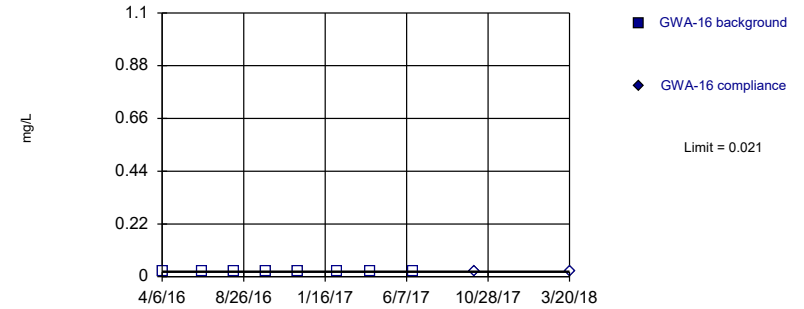


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

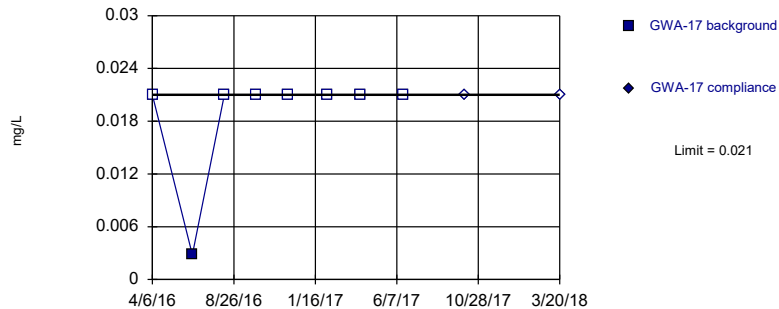


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

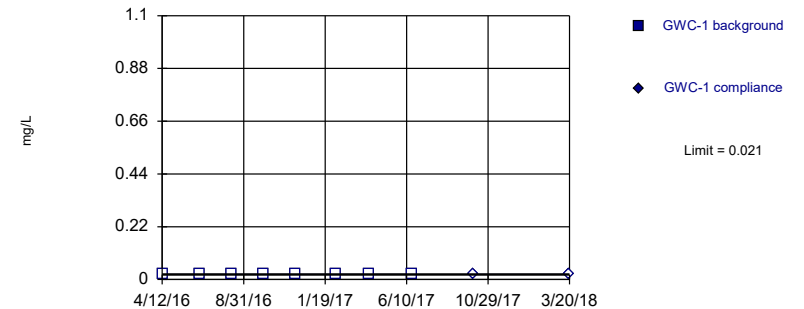


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

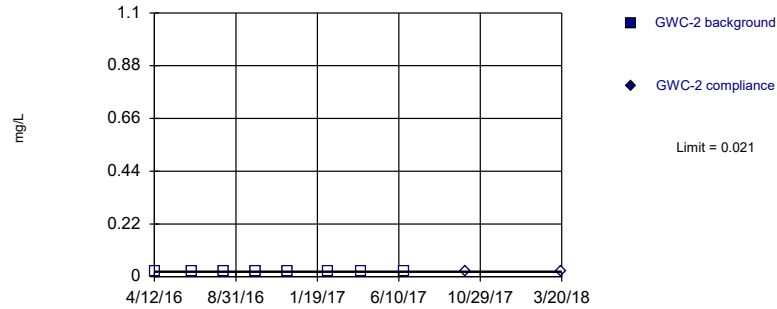
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

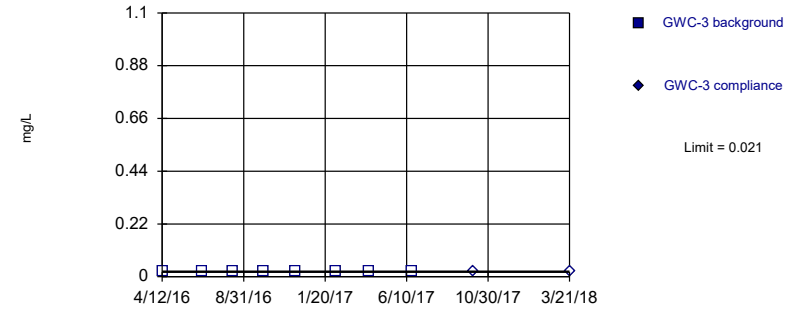
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

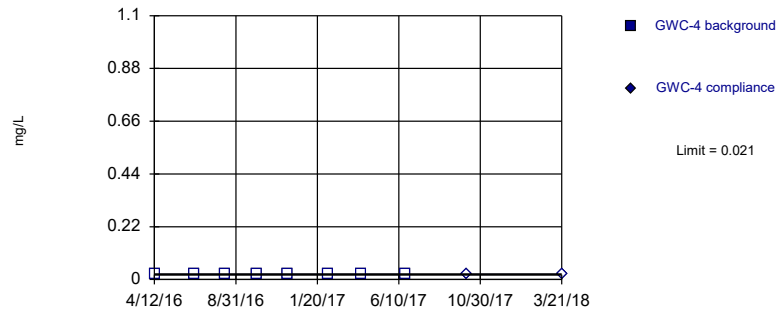
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

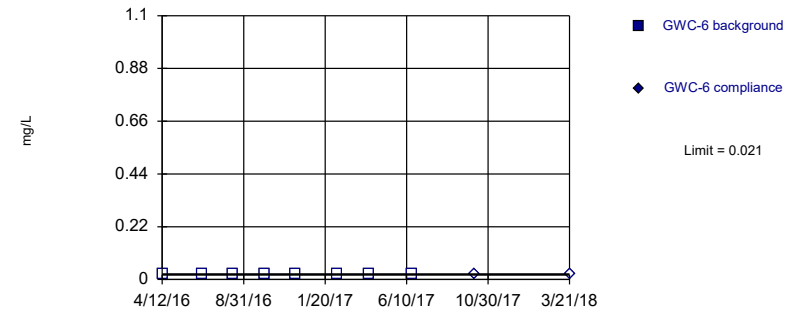
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

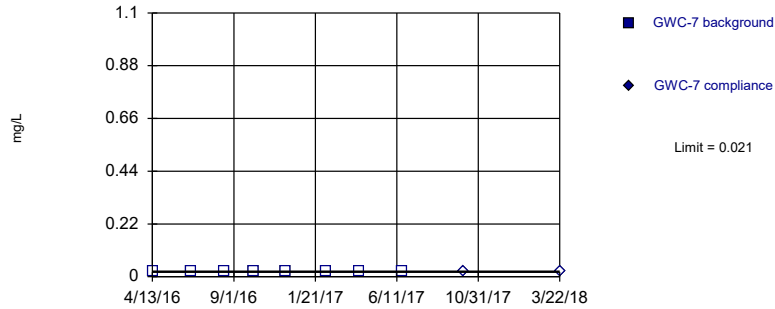
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

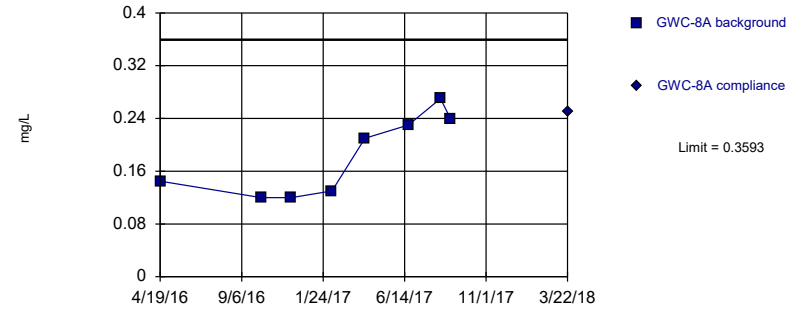
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

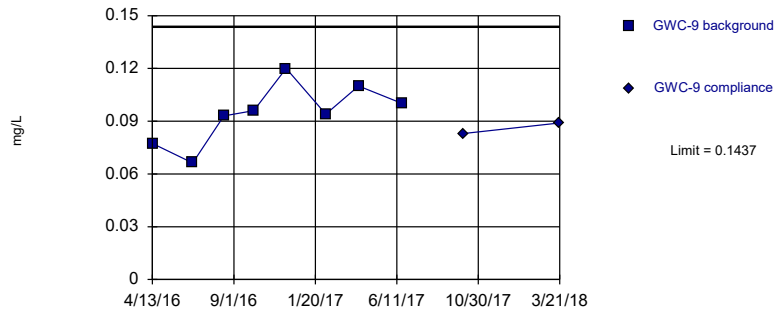
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.1831, Std. Dev.=0.06088, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8651, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

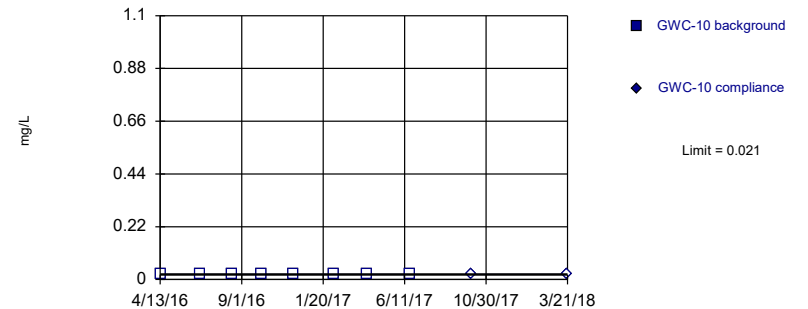
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.09459, Std. Dev.=0.01696, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9681, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

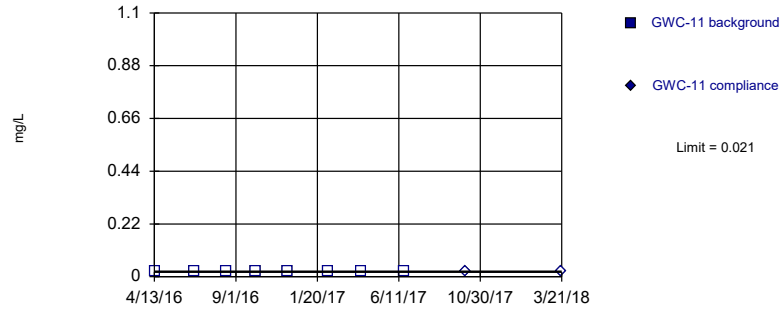


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

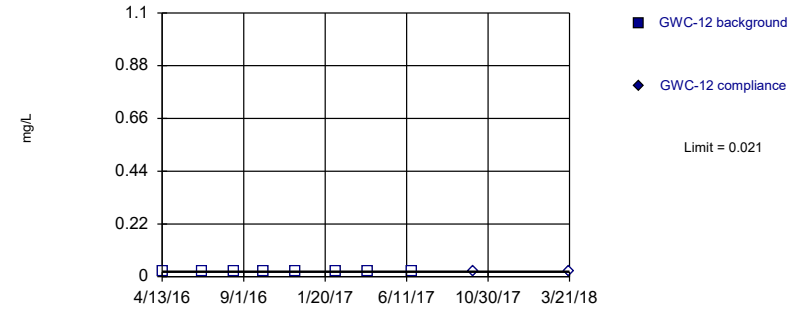


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Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

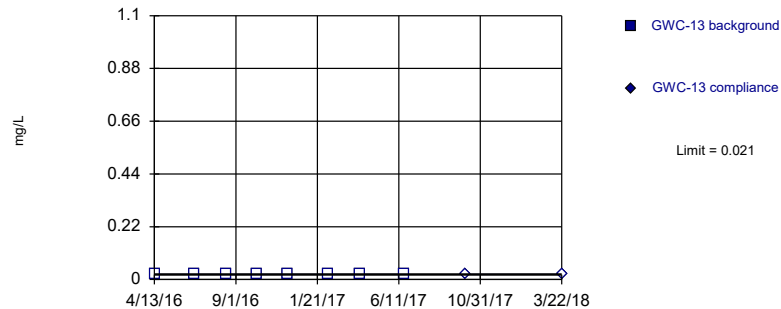


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Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

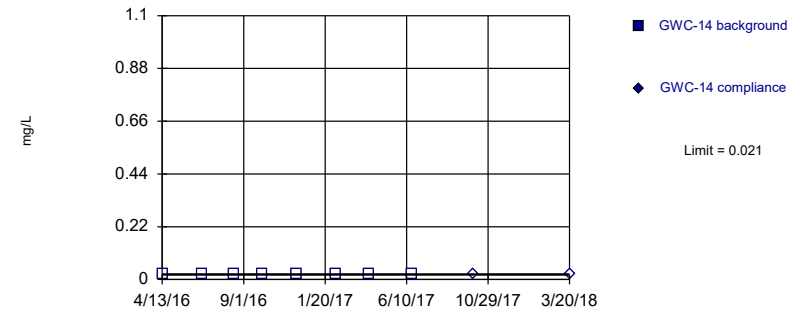


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Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

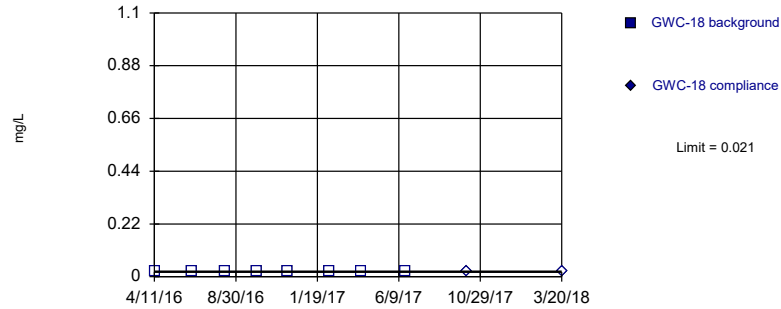


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Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

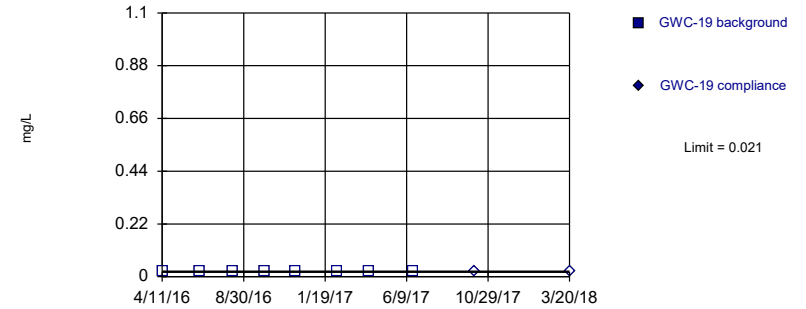


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
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Within Limit Prediction Limit
Intrawell Non-parametric

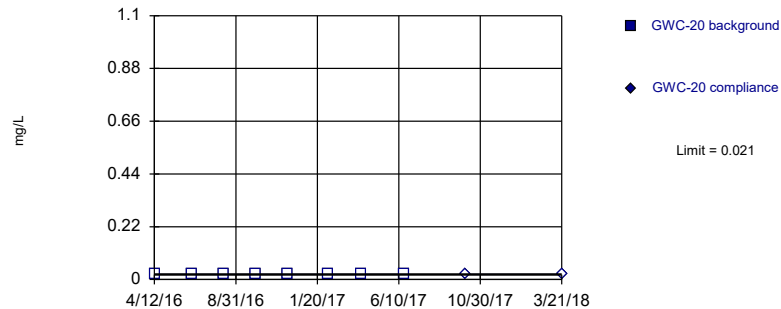


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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
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Within Limit Prediction Limit
Intrawell Non-parametric

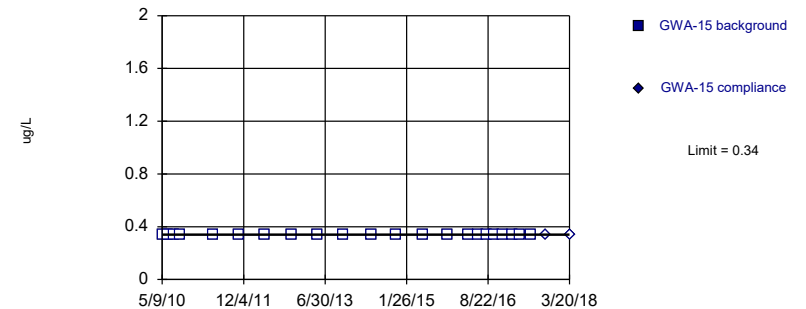


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Constituent: Boron Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
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Within Limit Prediction Limit
Intrawell Non-parametric



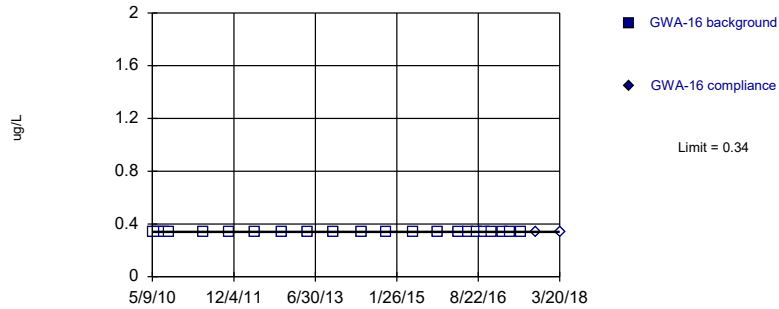
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



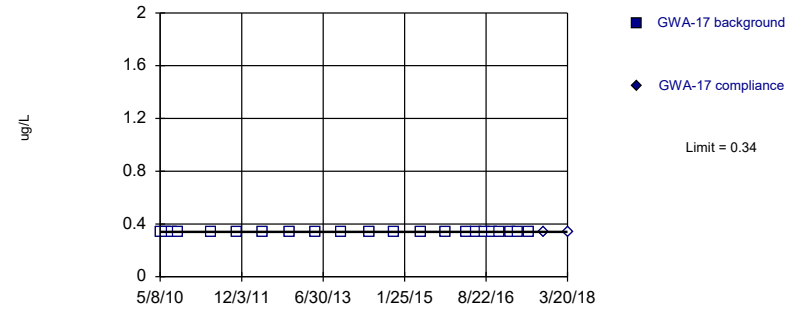
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



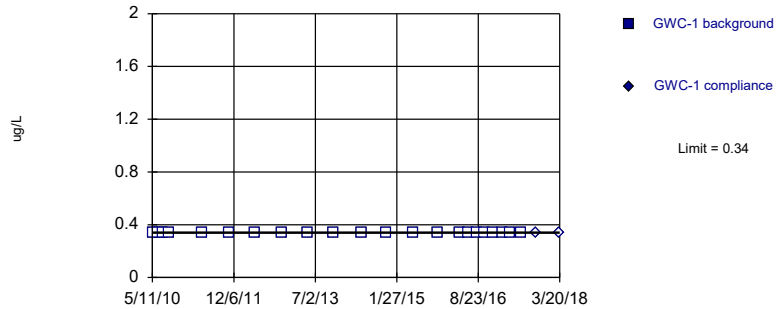
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
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Within Limit

Prediction Limit
Intrawell Non-parametric



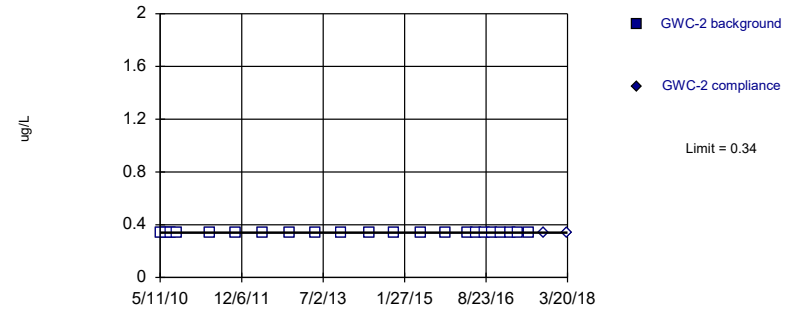
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Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

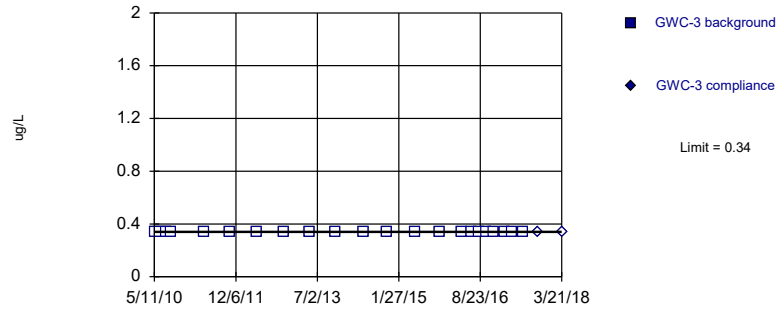


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Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

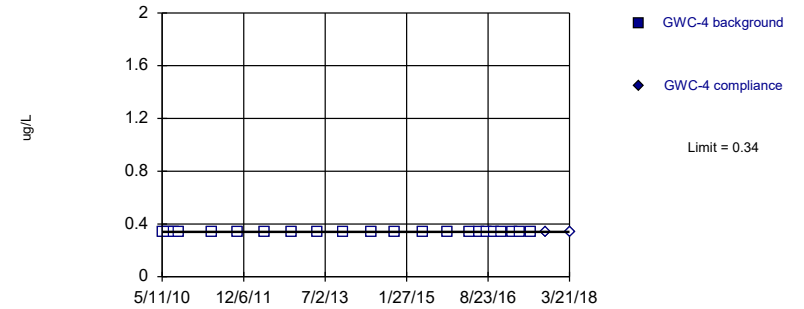


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

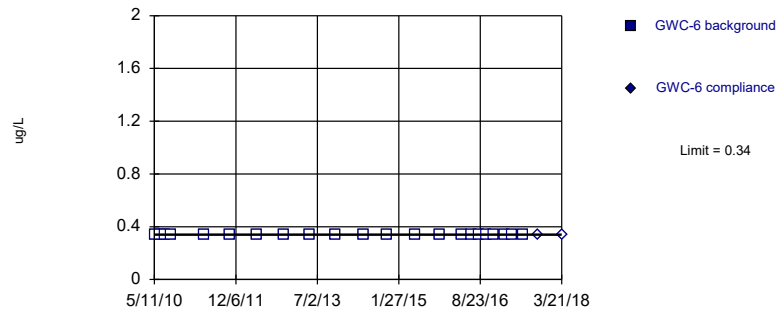


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Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

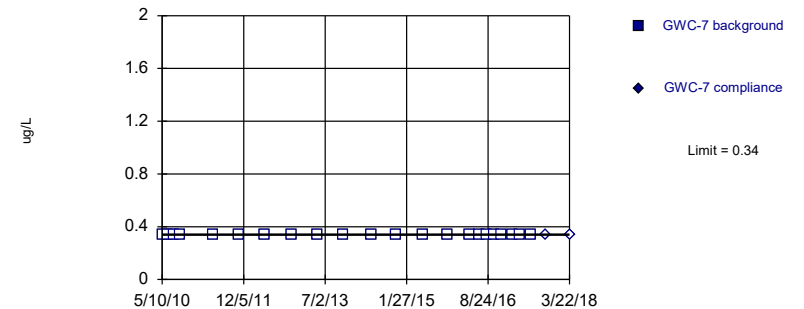


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Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



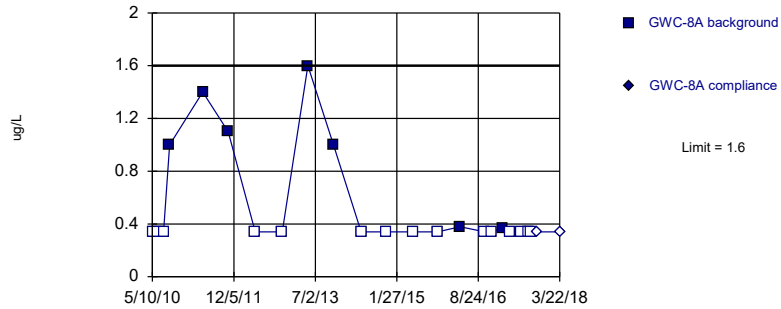
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Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



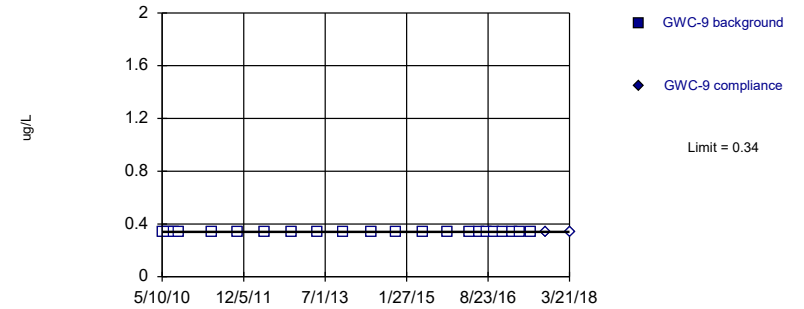
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Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
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Within Limit

Prediction Limit
Intrawell Non-parametric



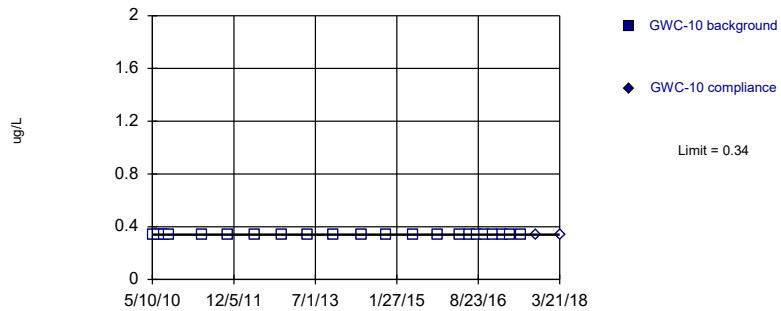
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Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



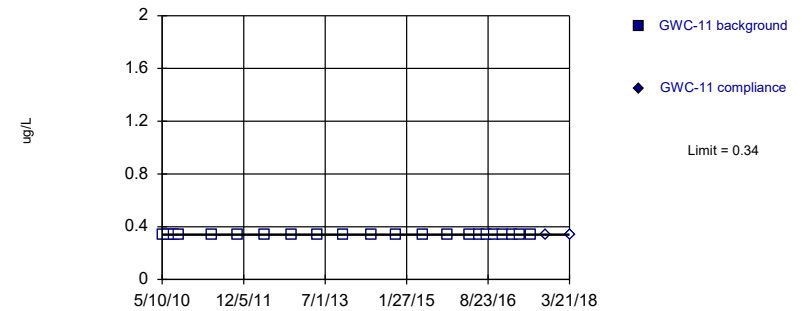
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Within Limit

Prediction Limit
Intrawell Non-parametric



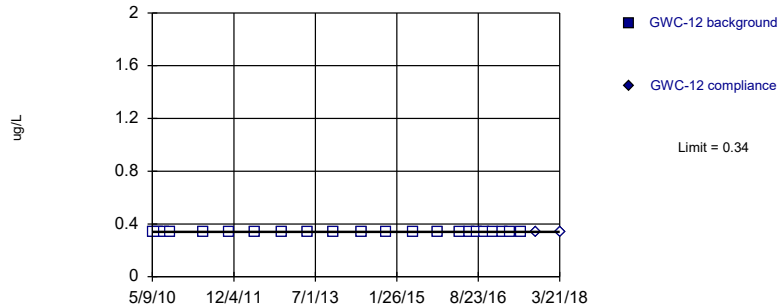
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Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



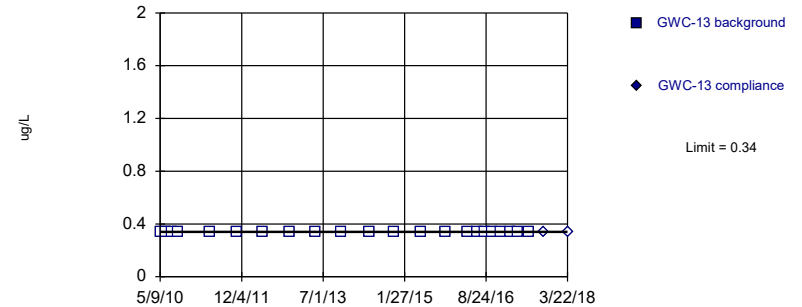
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



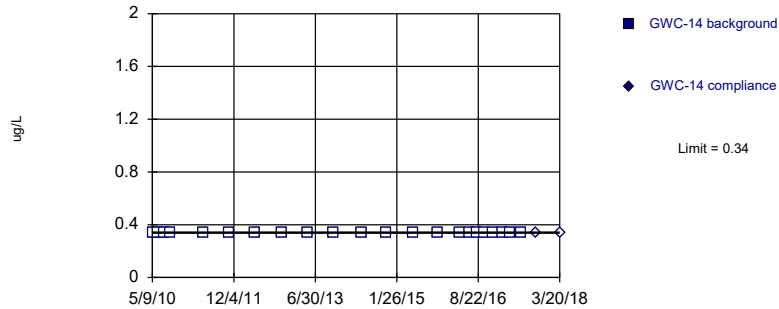
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Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
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Within Limit

Prediction Limit
Intrawell Non-parametric



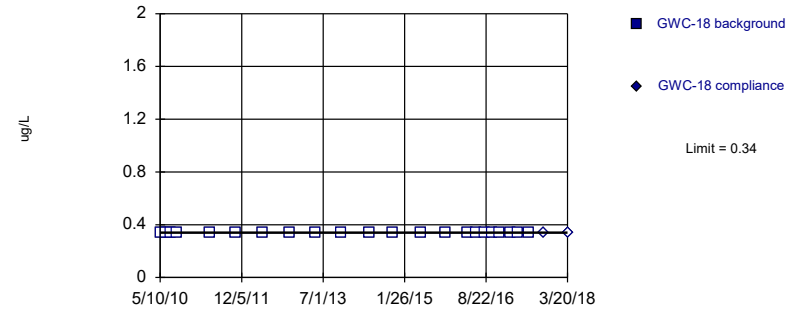
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Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

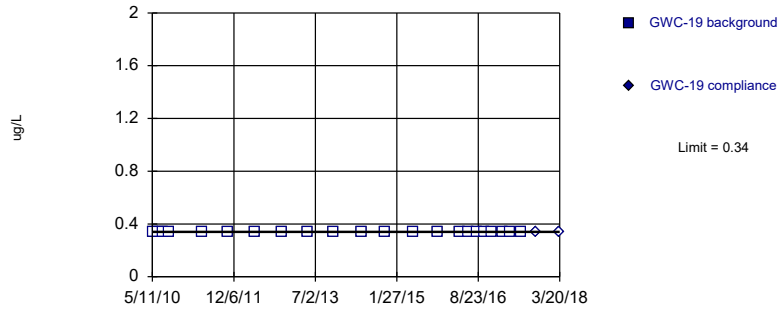
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

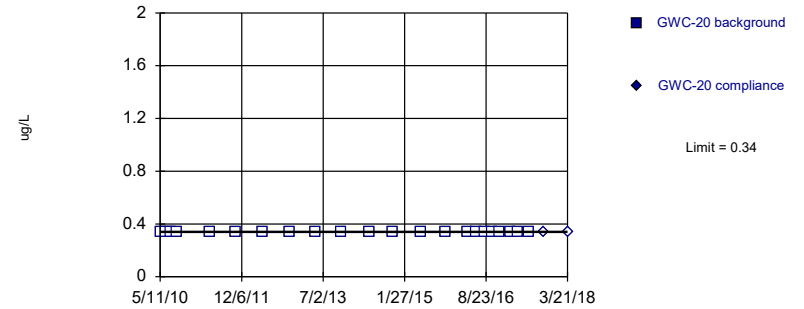
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

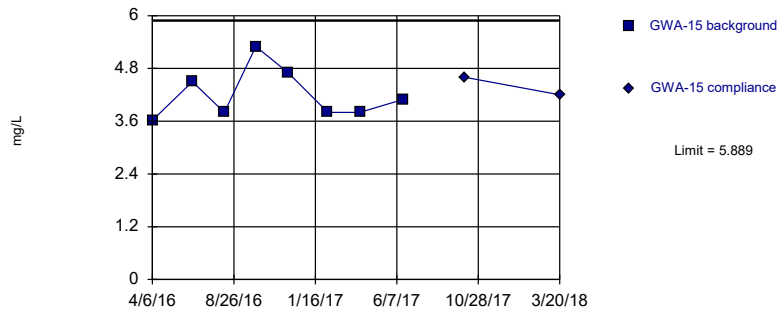
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

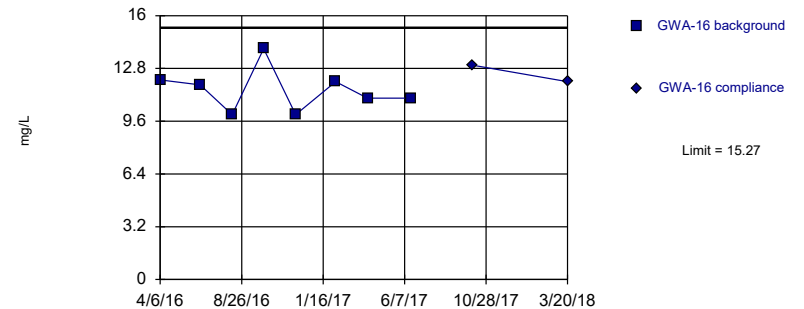
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=4.203, Std. Dev.=0.5826, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.873, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

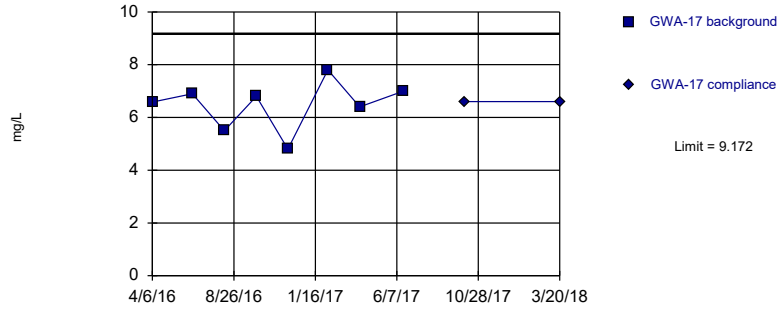
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=11.49, Std. Dev.=1.307, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9138, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

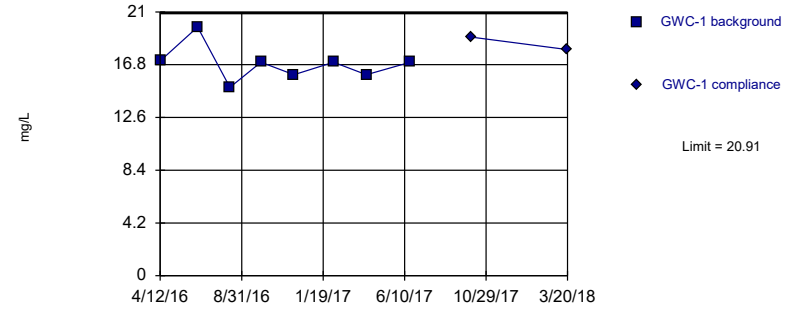
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.473, Std. Dev.=0.9328, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9377, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

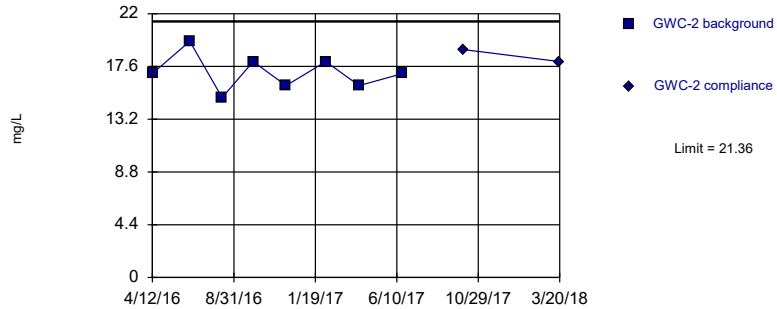
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=16.86, Std. Dev.=1.399, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8575, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

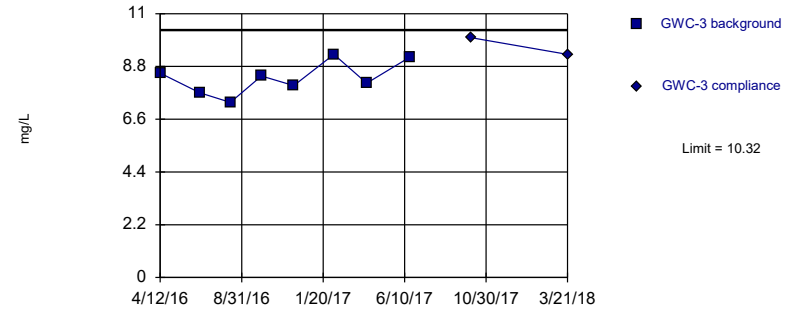
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=17.09, Std. Dev.=1.475, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9611, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Parametric

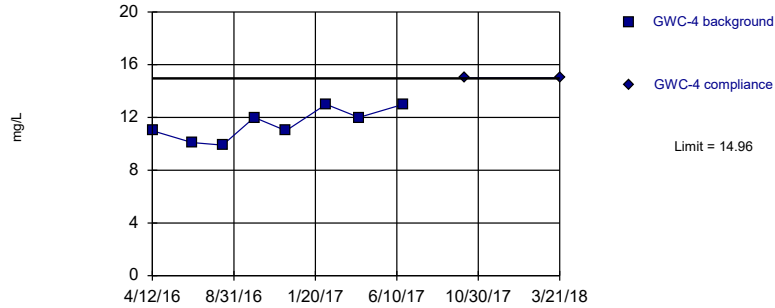


Background Data Summary: Mean=8.315, Std. Dev.=0.6925, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9572, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

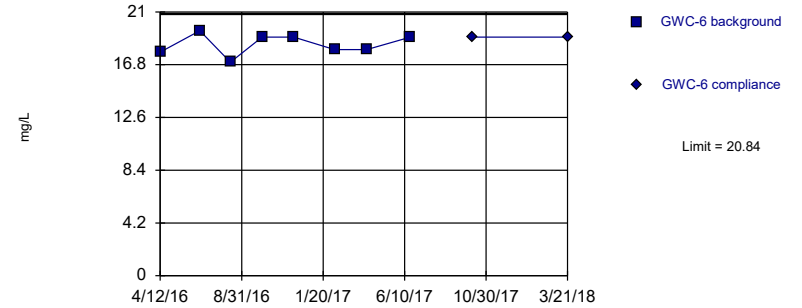


Background Data Summary: Mean=11.5, Std. Dev.=1.196, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9127, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

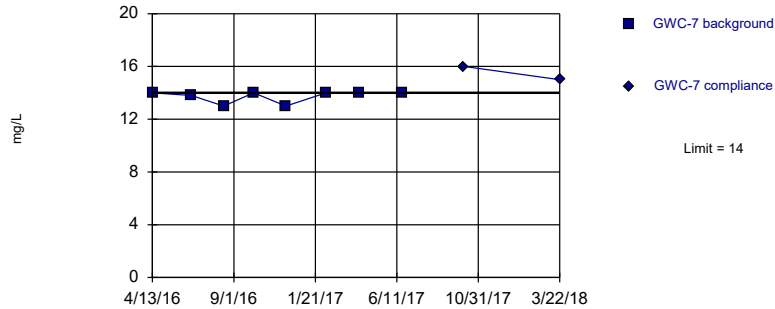


Background Data Summary: Mean=18.41, Std. Dev.=0.8391, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9145, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

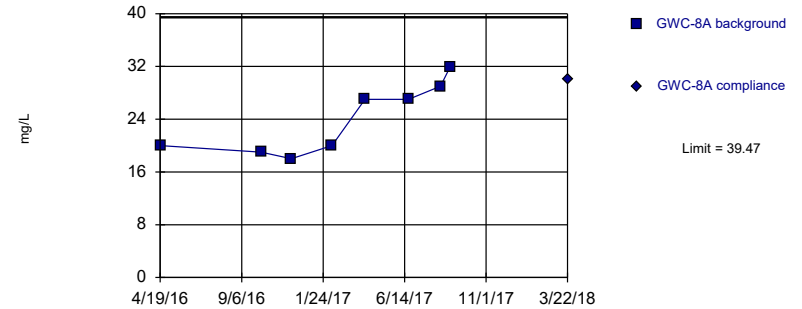


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

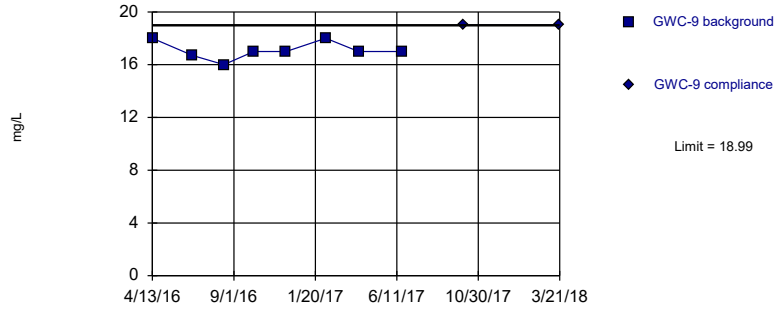


Background Data Summary: Mean=24, Std. Dev.=5.345, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8778, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

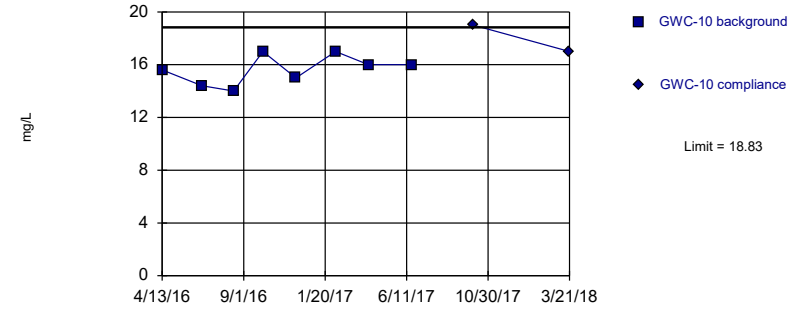


Background Data Summary: Mean=17.09, Std. Dev.=0.6578, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8683, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

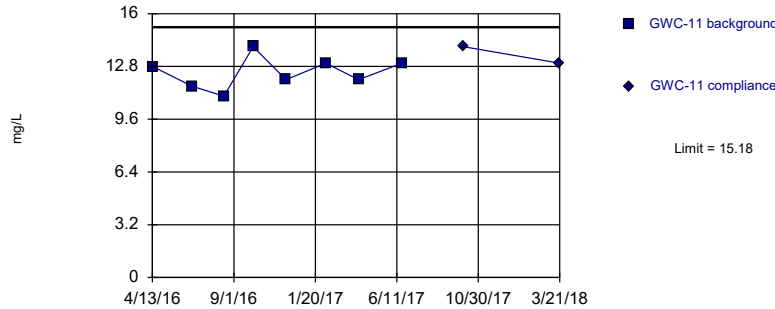


Background Data Summary: Mean=15.63, Std. Dev.=1.108, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9351, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

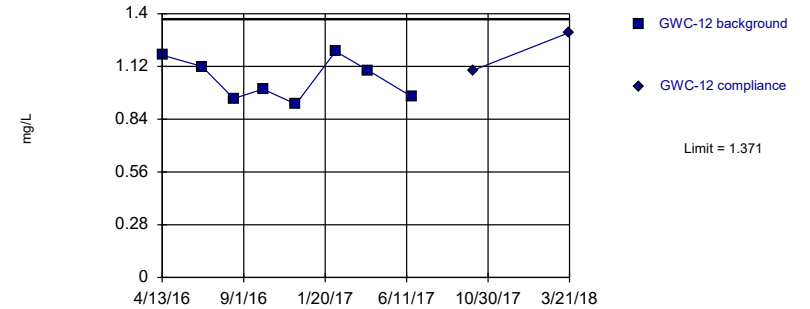


Background Data Summary: Mean=12.43, Std. Dev.=0.9528, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.966, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

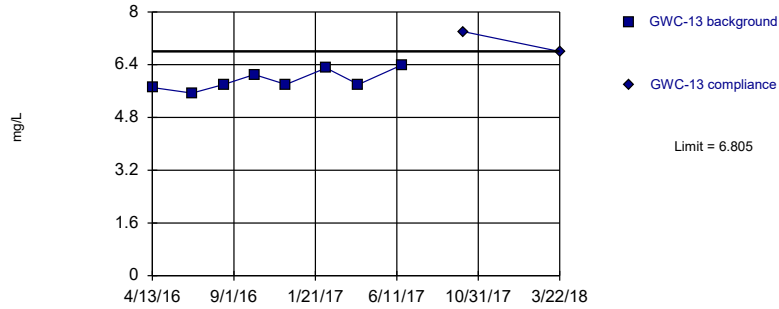


Background Data Summary: Mean=1.054, Std. Dev.=0.1097, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.903, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

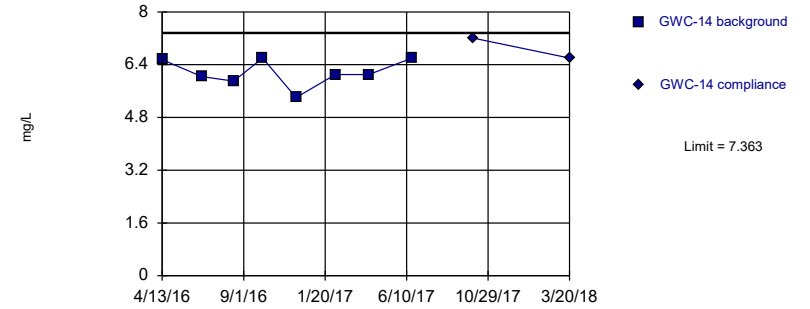


Background Data Summary: Mean=5.931, Std. Dev.=0.3019, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9042, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

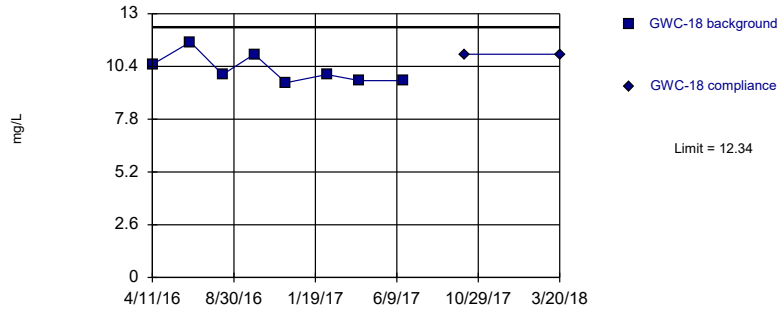


Background Data Summary: Mean=6.161, Std. Dev.=0.4151, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.891, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

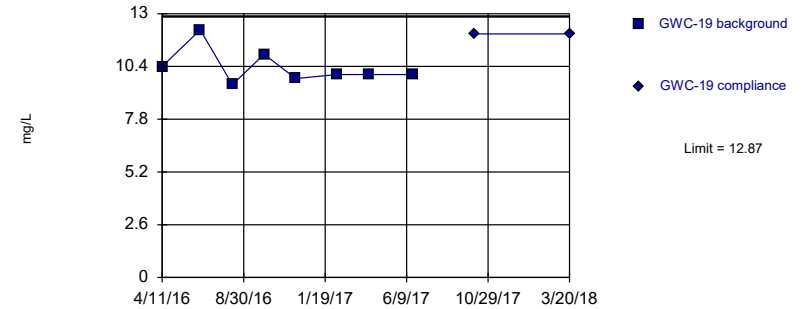


Background Data Summary: Mean=10.26, Std. Dev.=0.717, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8619, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

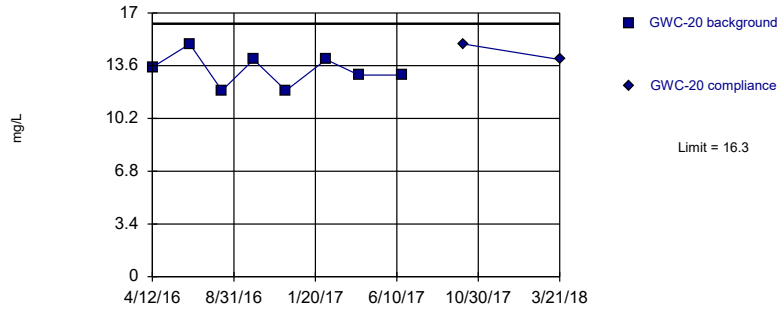
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=10.36, Std. Dev.=0.8651, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8286, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

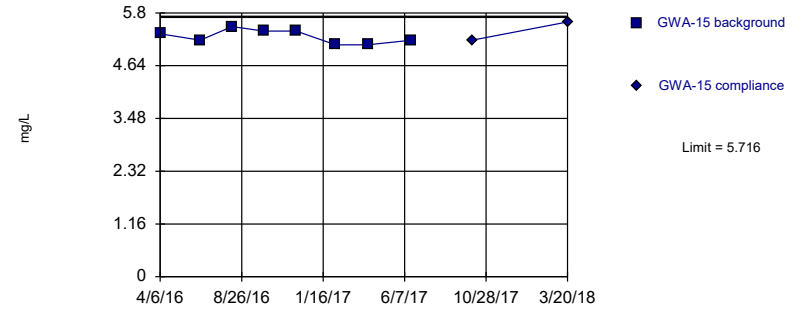
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=13.31, Std. Dev.=1.033, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9408, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

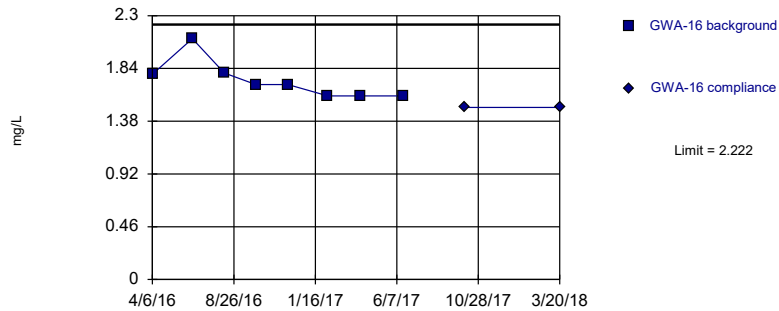
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=5.28, Std. Dev.=0.1505, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9094, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

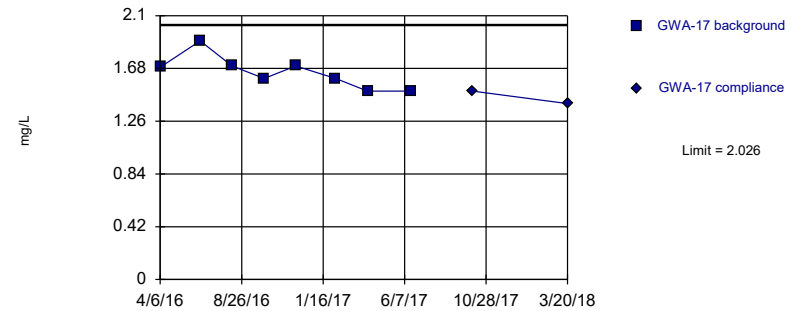
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.736, Std. Dev.=0.168, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8054, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

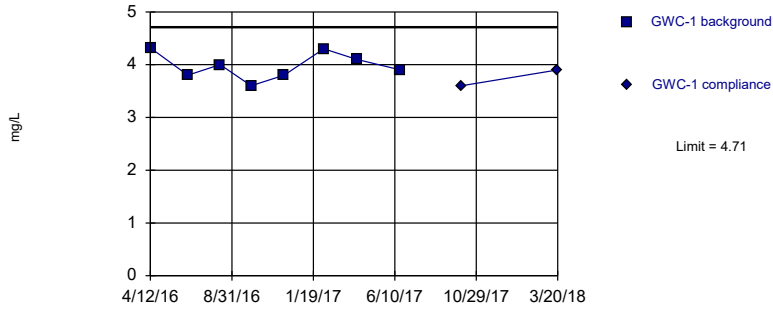
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.649, Std. Dev.=0.1304, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9025, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

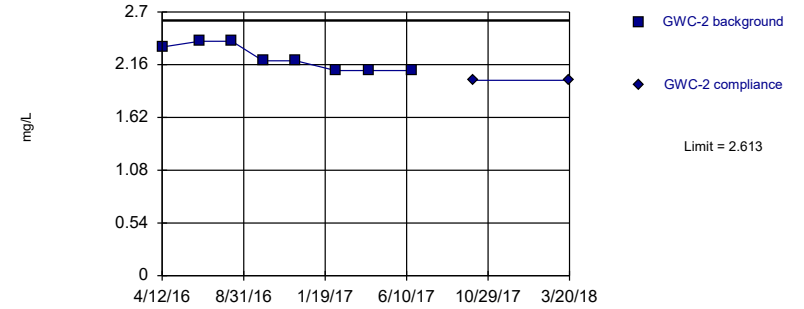
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.978, Std. Dev.=0.2531, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9477, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

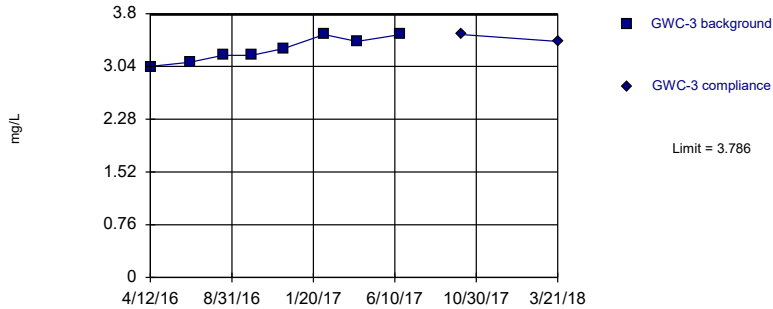
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.23, Std. Dev.=0.1322, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8278, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

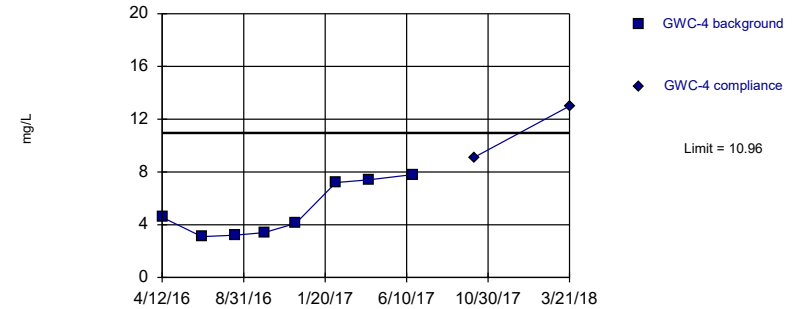
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.28, Std. Dev.=0.175, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9254, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

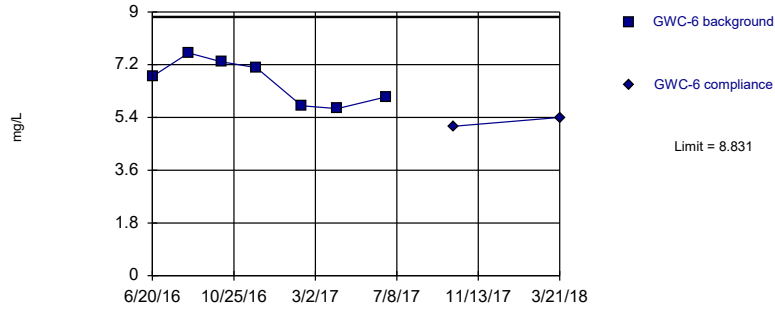
Exceeds Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=5.096, Std. Dev.=2.027, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8216, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

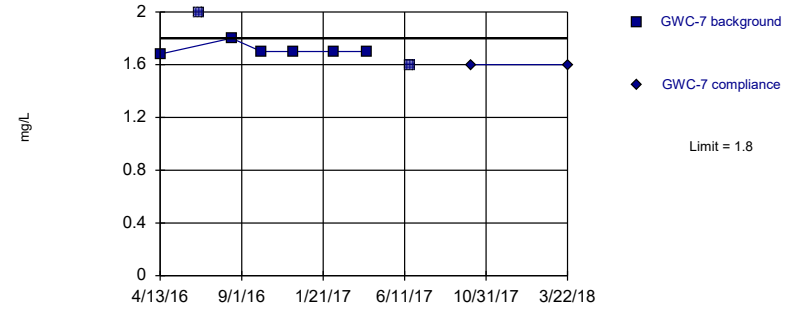
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.629, Std. Dev.=0.761, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.911, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

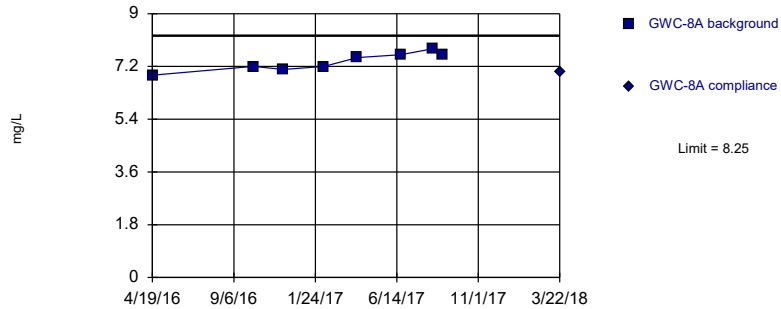
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 6 background values. Well-constituent pair annual alpha = 0.06667. Individual comparison alpha = 0.03391 (1 of 2).

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

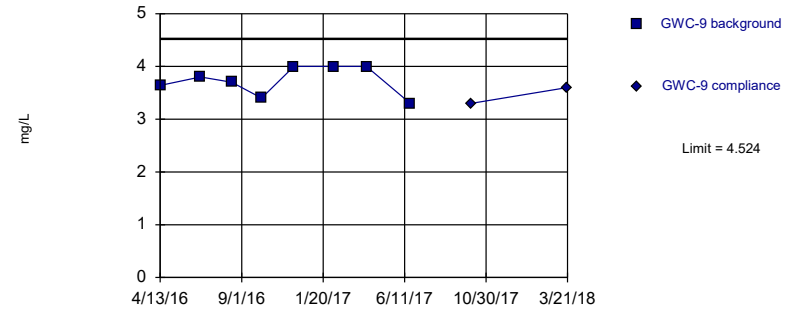
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=7.363, Std. Dev.=0.3068, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.946, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

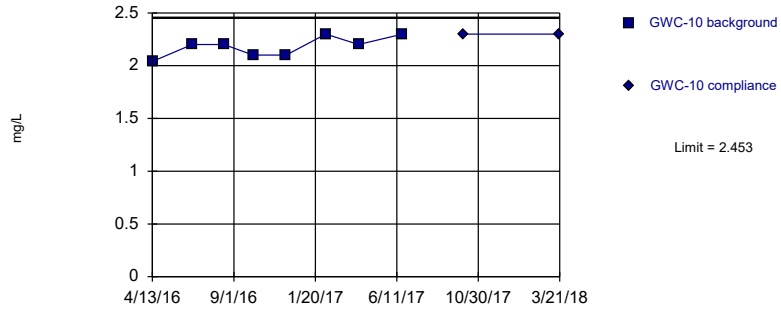
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.73, Std. Dev.=0.2742, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8832, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

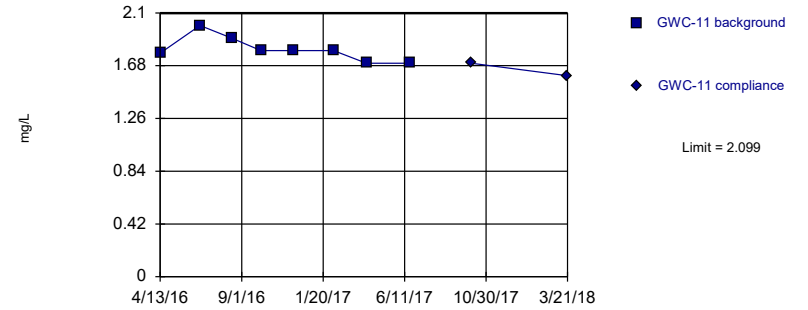
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.18, Std. Dev.=0.09442, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9082, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

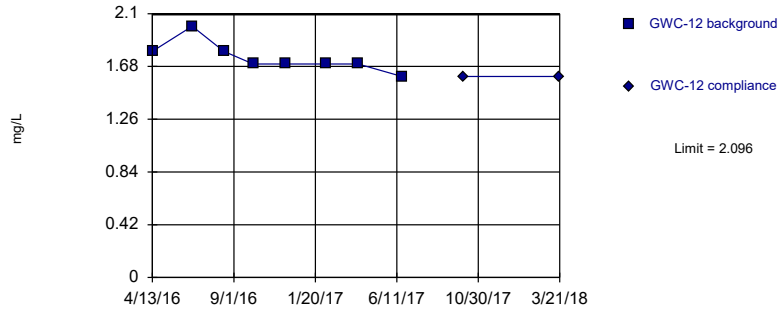
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.81, Std. Dev.=0.09971, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.886, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

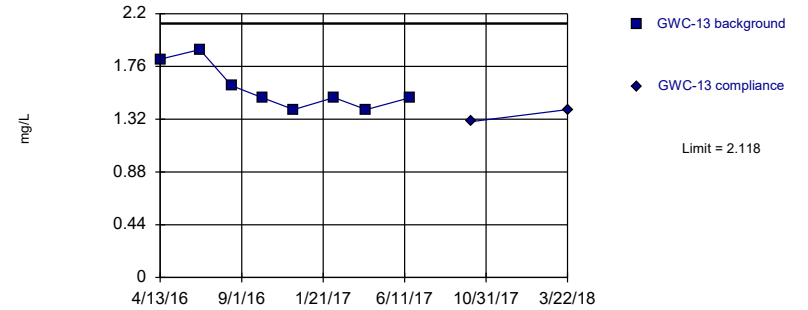
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.75, Std. Dev.=0.1195, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8477, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

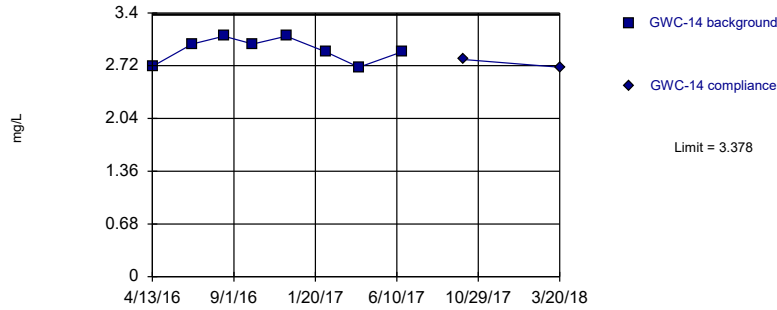
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.578, Std. Dev.=0.1868, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8395, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

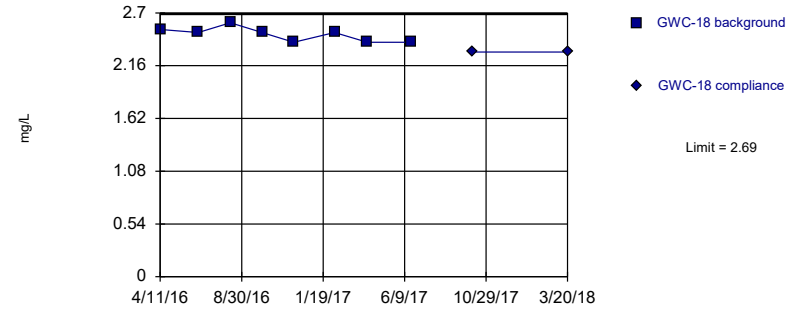
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.926, Std. Dev.=0.1561, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8849, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

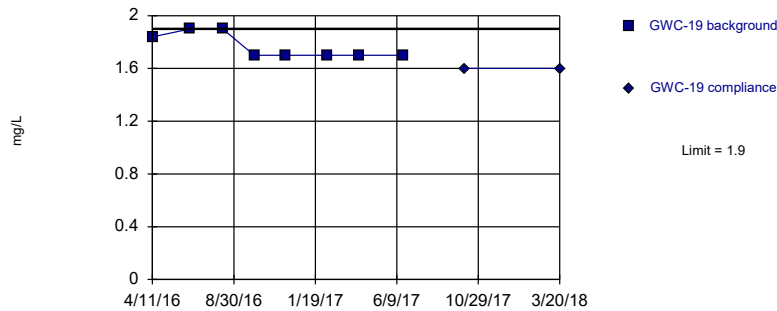
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.479, Std. Dev.=0.07298, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8651, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

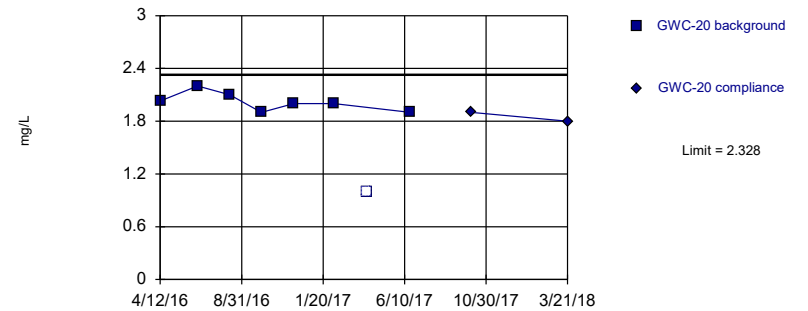
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Parametric

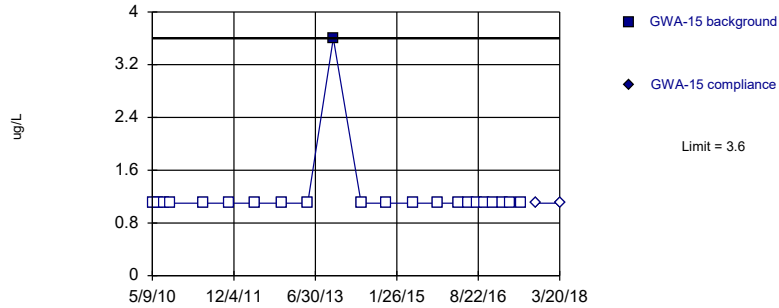


Background Data Summary: Mean=2.019, Std. Dev.=0.1068, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9259, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

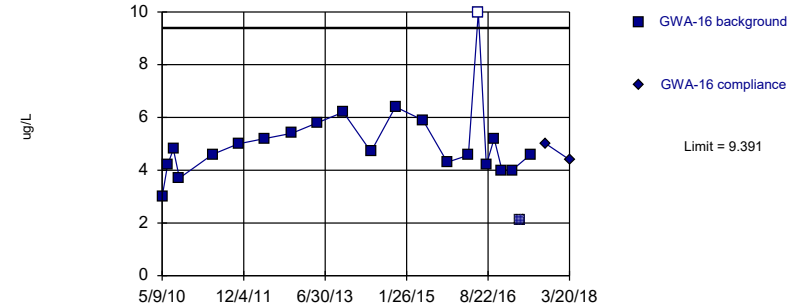


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Parametric

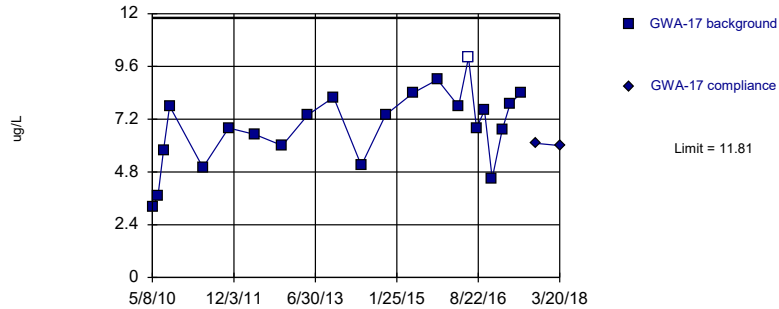


Background Data Summary (based on square root transformation): Mean=2.226, Std. Dev.=0.2896, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8803, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Parametric

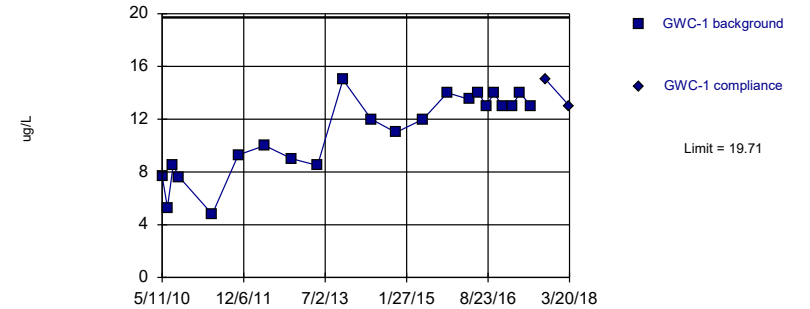


Background Data Summary: Mean=6.818, Std. Dev.=1.724, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9686, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG

Within Limit Prediction Limit
Intrawell Parametric



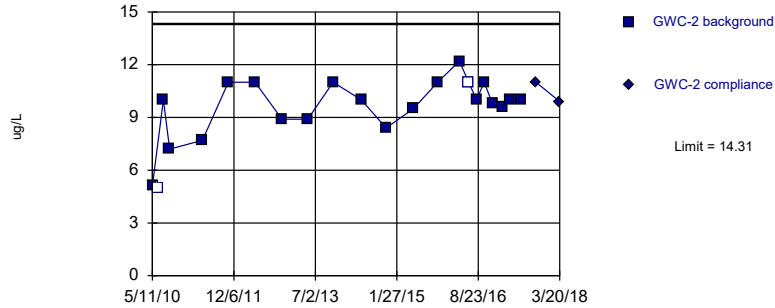
Background Data Summary: Mean=11.01, Std. Dev.=3.008, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9102, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



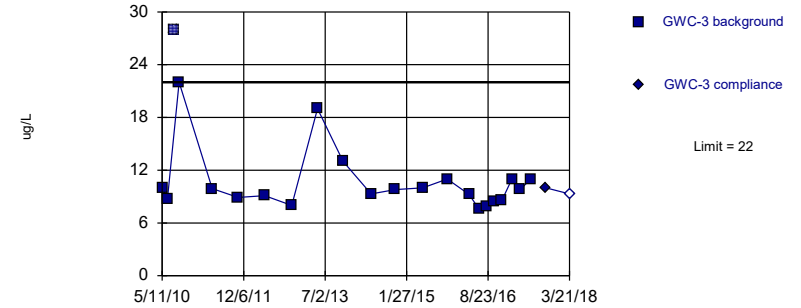
Background Data Summary: Mean=9.681, Std. Dev.=1.601, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8948, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



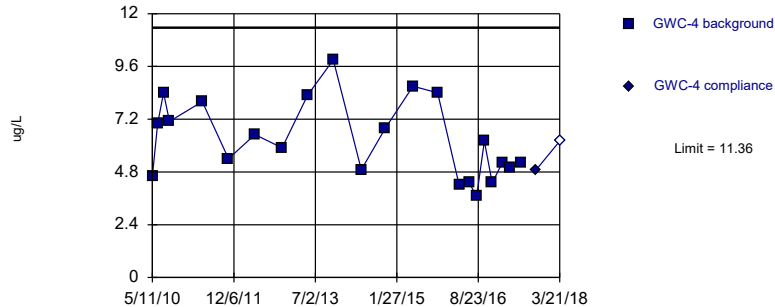
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



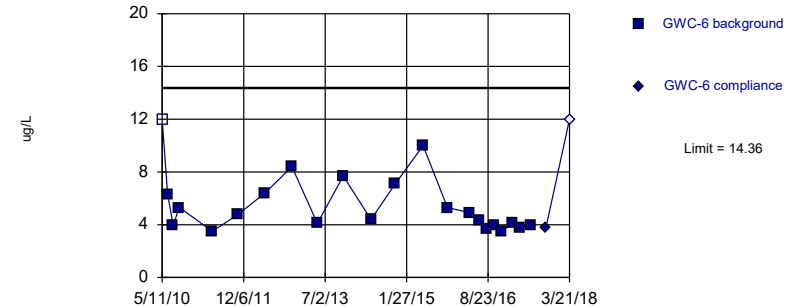
Background Data Summary: Mean=6.272, Std. Dev.=1.759, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9457, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric

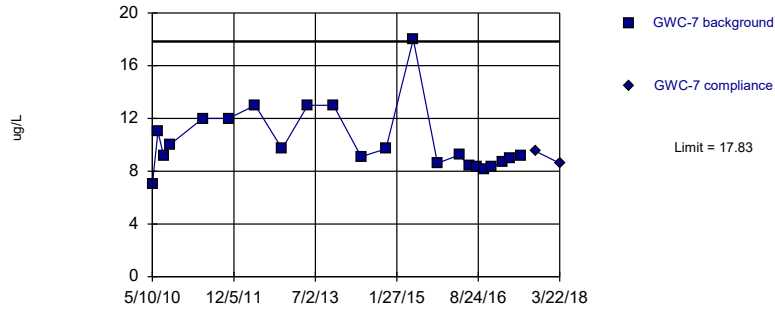


Background Data Summary (based on natural log transformation): Mean=1.645, Std. Dev.=0.3525, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8902, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

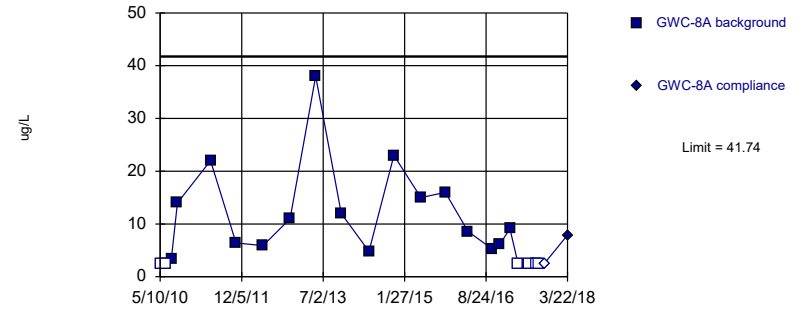


Background Data Summary (based on square root transformation): Mean=3.175, Std. Dev.=0.362, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8791, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

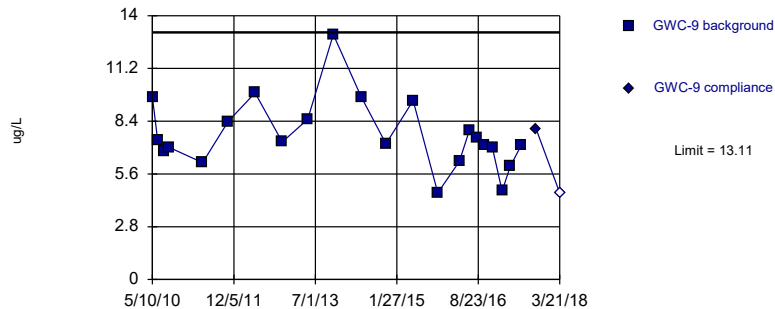


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=2.875, Std. Dev.=1.239, n=22, 27.27% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8951, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

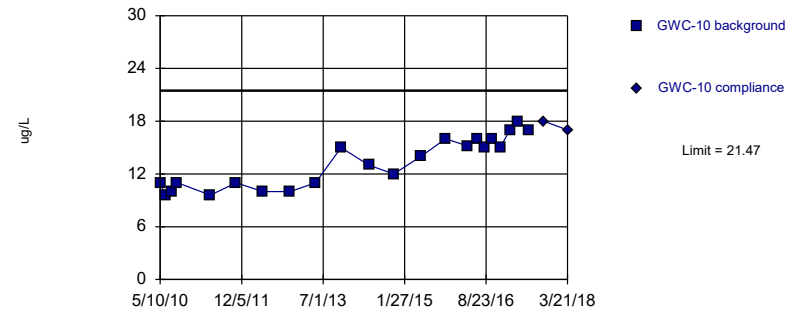


Background Data Summary: Mean=7.671, Std. Dev.=1.879, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9257, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

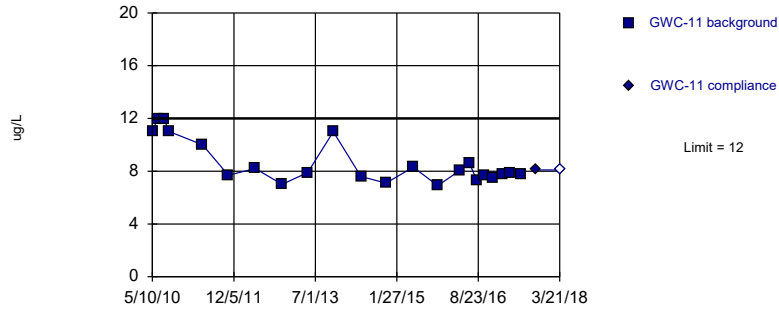


Background Data Summary: Mean=13.29, Std. Dev.=2.827, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9012, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

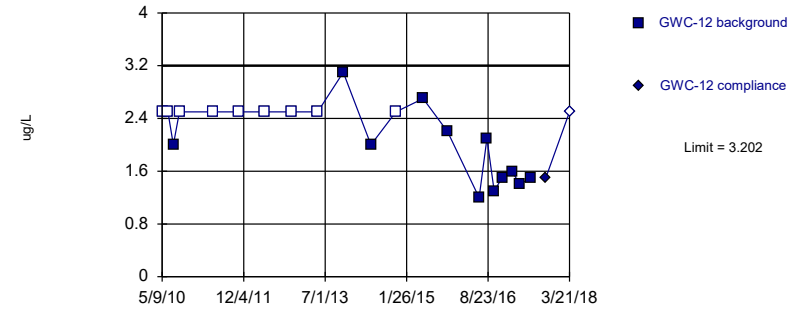


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

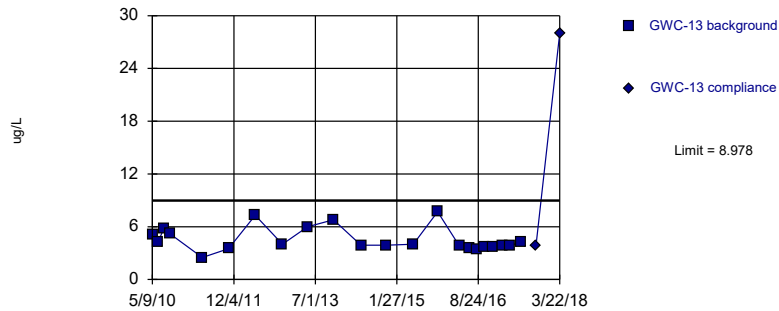


Background Data Summary (after Kaplan-Meier Adjustment): Mean=1.722, Std. Dev.=0.5112, n=21, 42.86% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8869, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

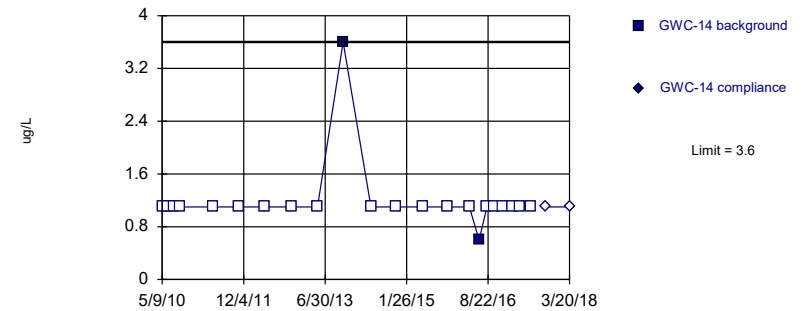


Background Data Summary (based on square root transformation): Mean=2.111, Std. Dev.=0.3059, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8876, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

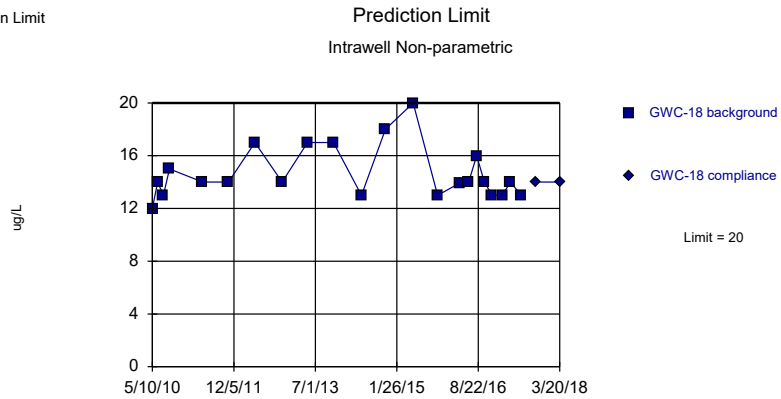
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

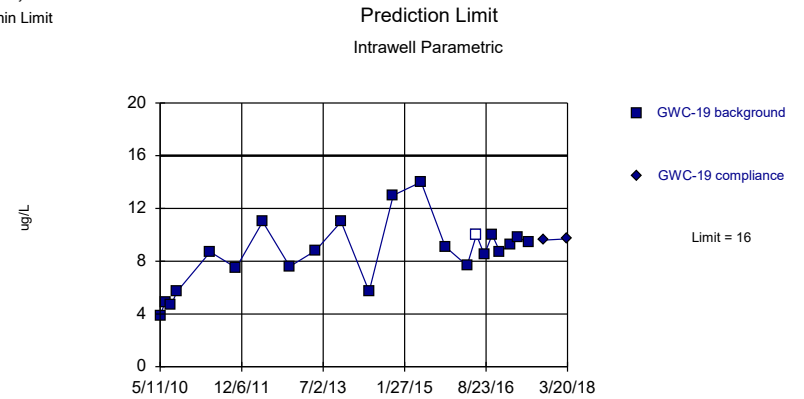
Within Limit



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

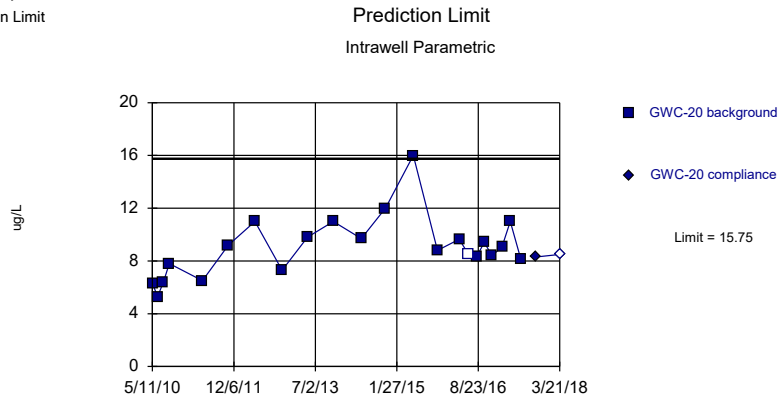


Background Data Summary: Mean=8.59, Std. Dev.=2.561, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9673, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

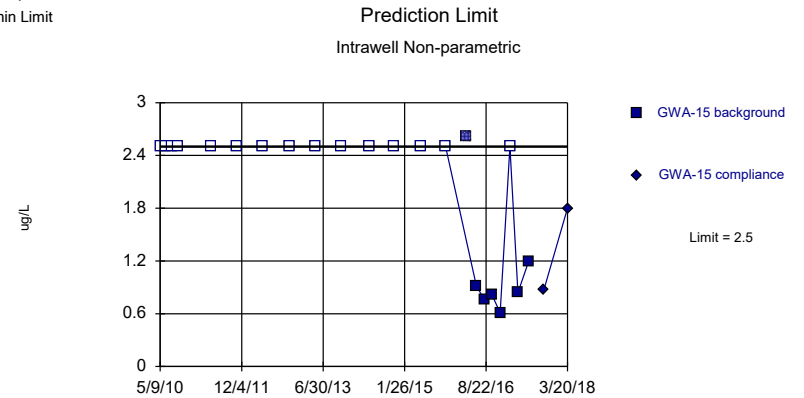


Background Data Summary: Mean=9.07, Std. Dev.=2.309, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9272, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit



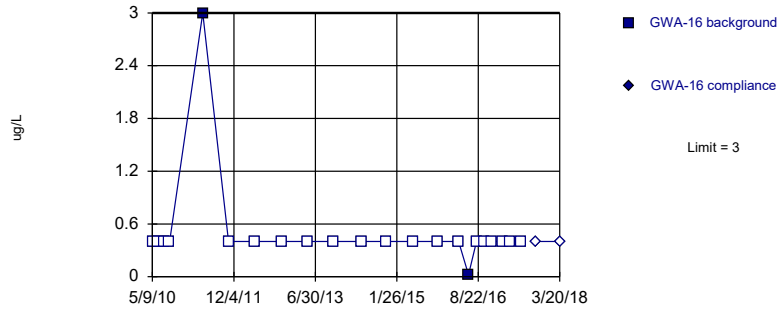
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



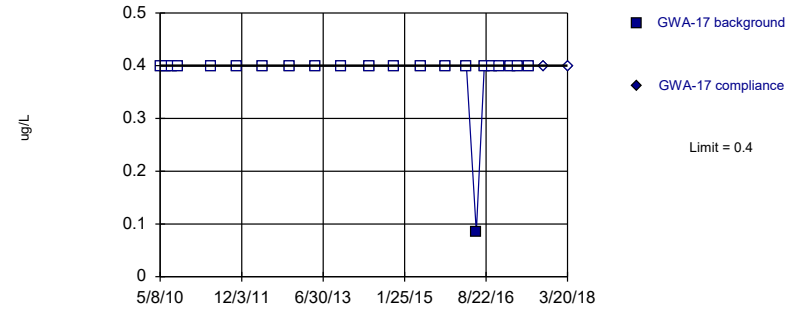
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



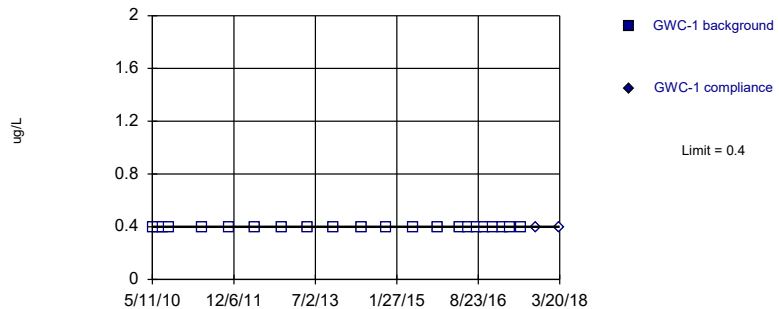
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



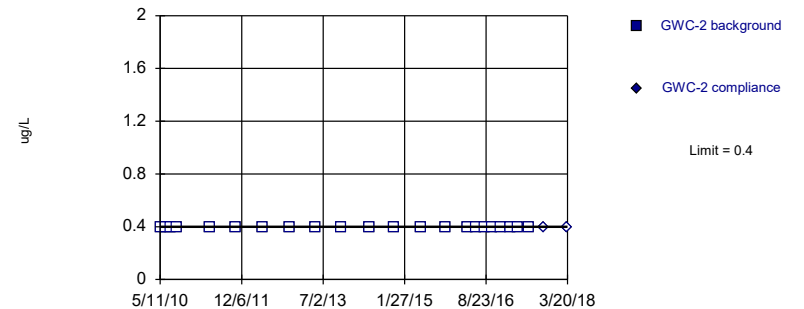
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

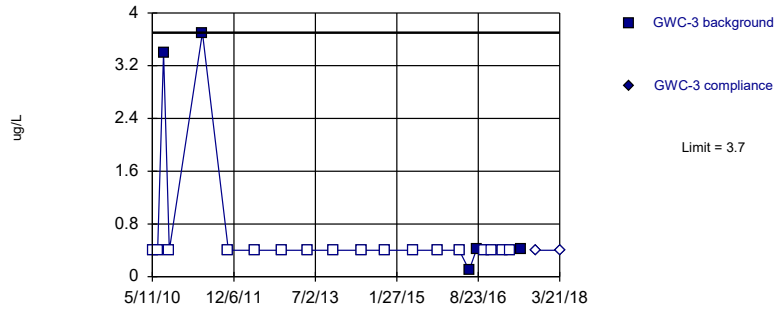


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

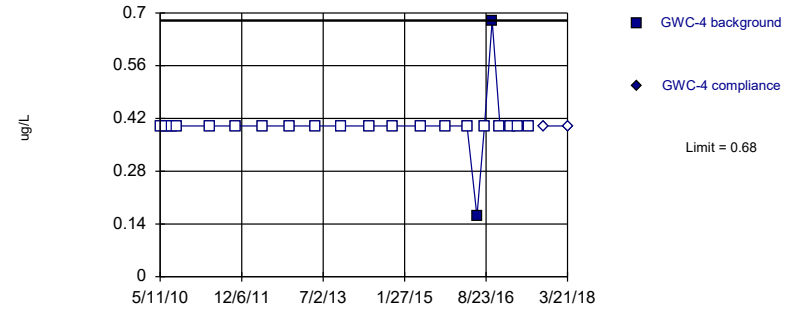


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 77.27% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

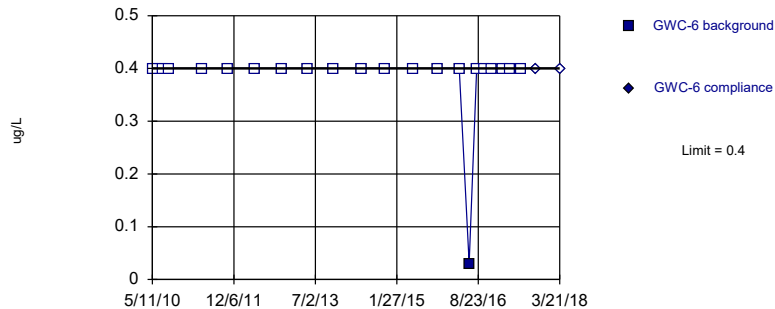


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

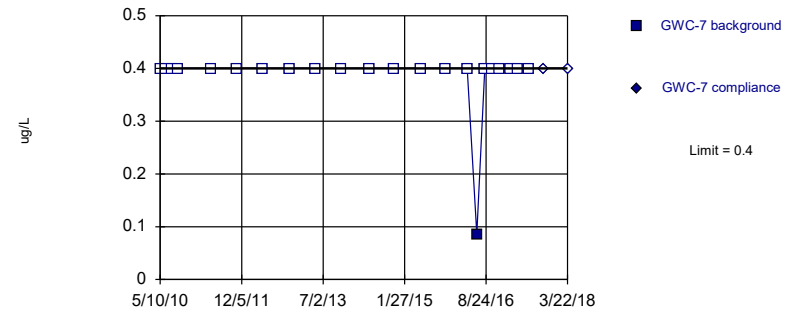


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



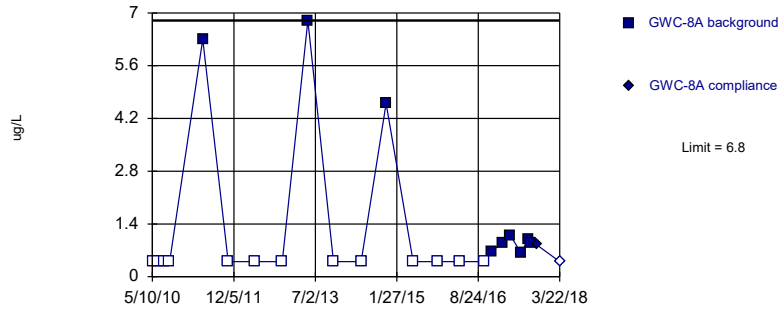
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



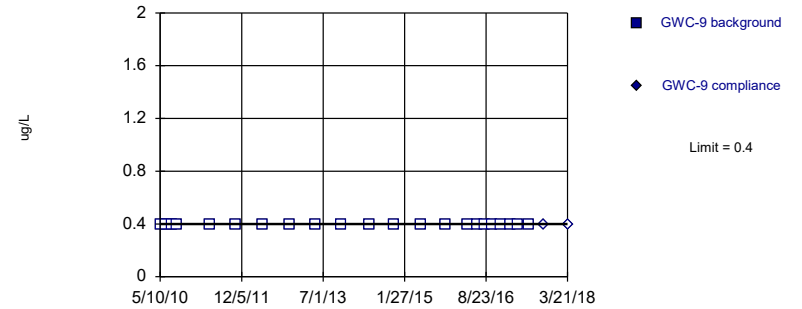
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



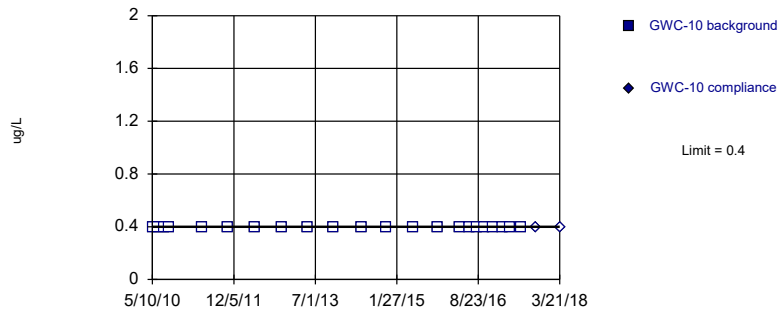
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



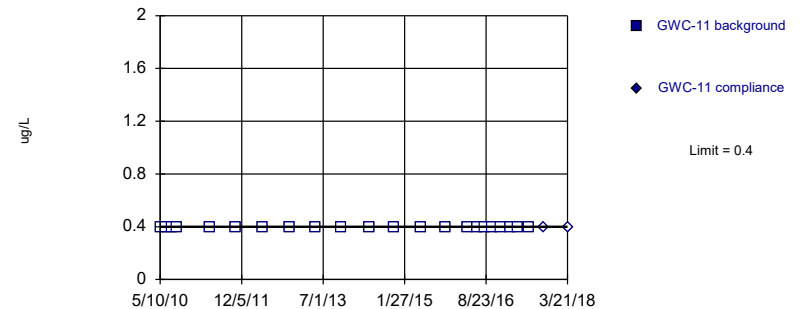
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

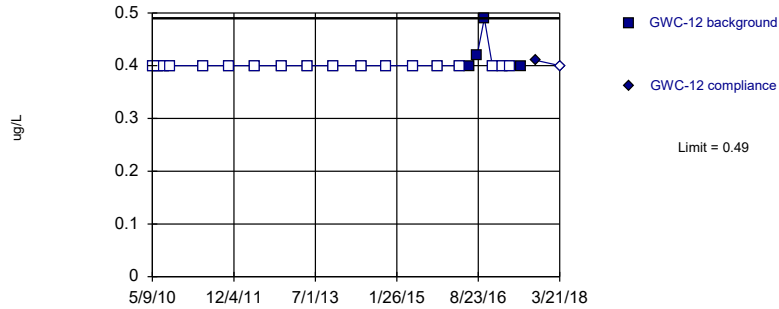


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

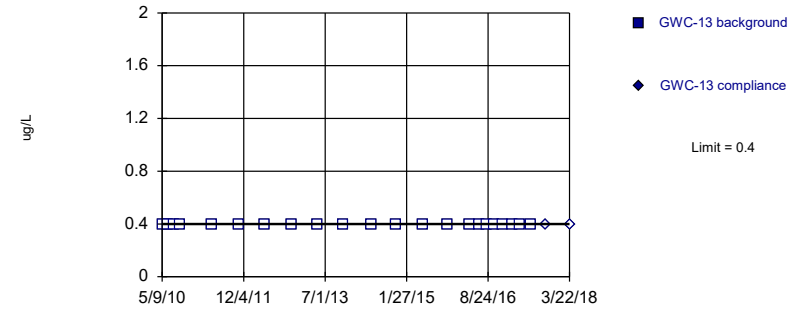


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

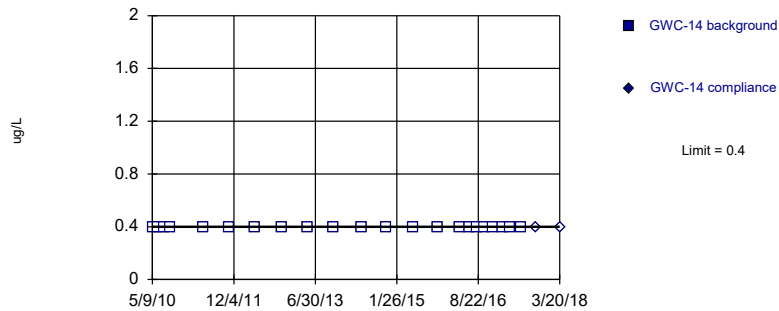


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

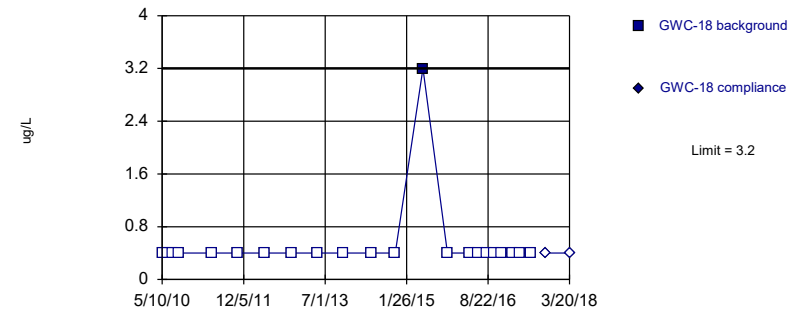


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



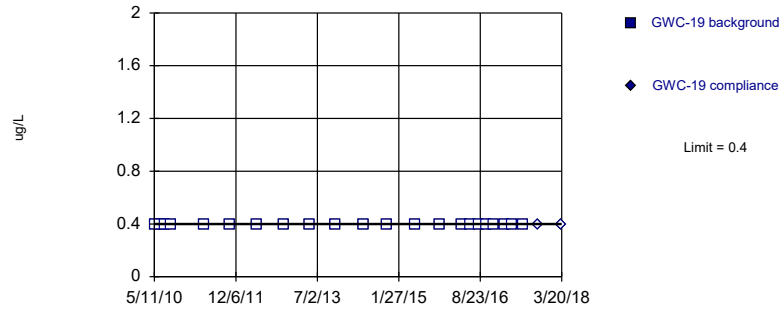
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



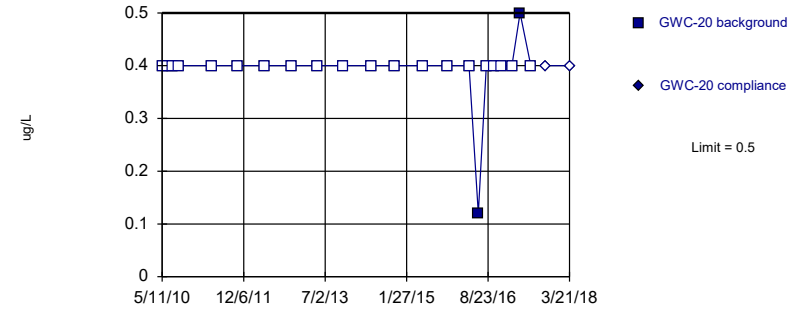
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



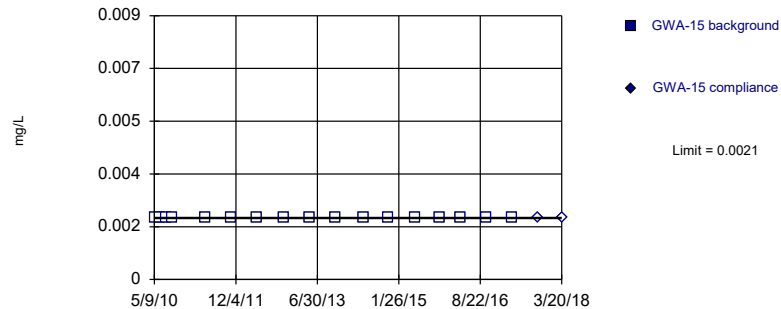
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



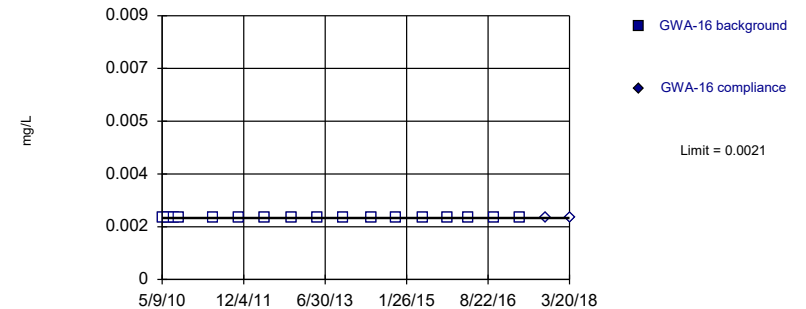
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



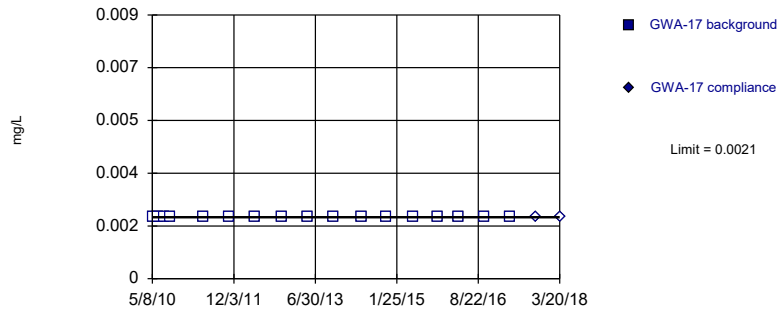
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



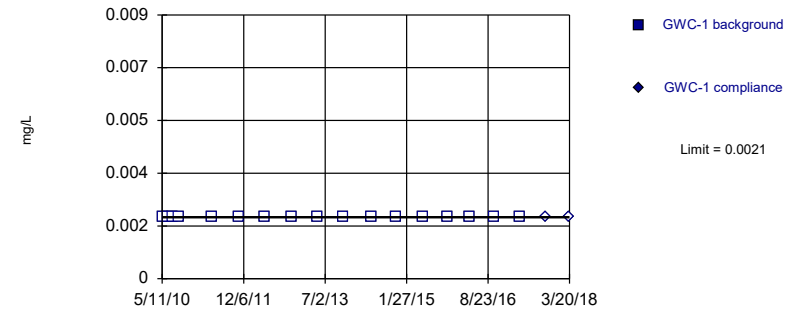
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



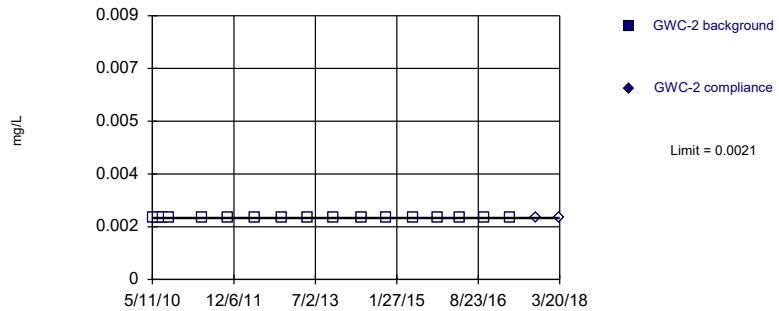
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



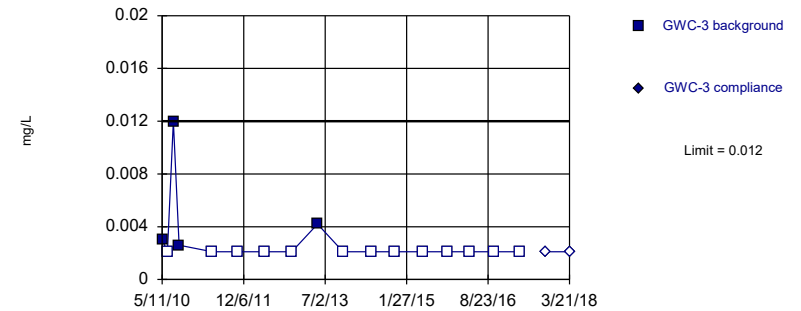
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

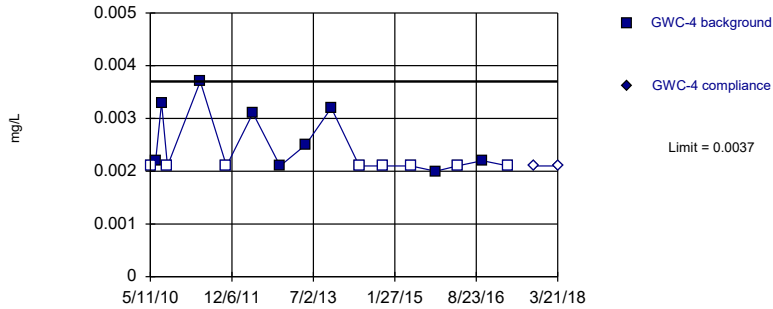


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

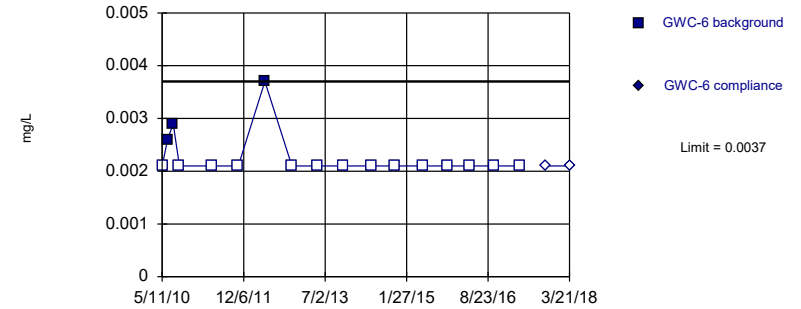


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 47.06% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

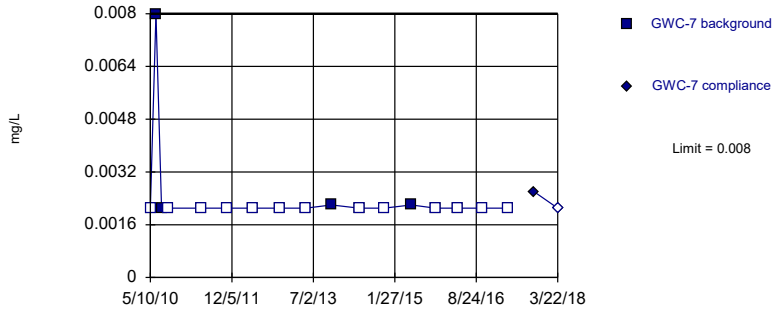


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

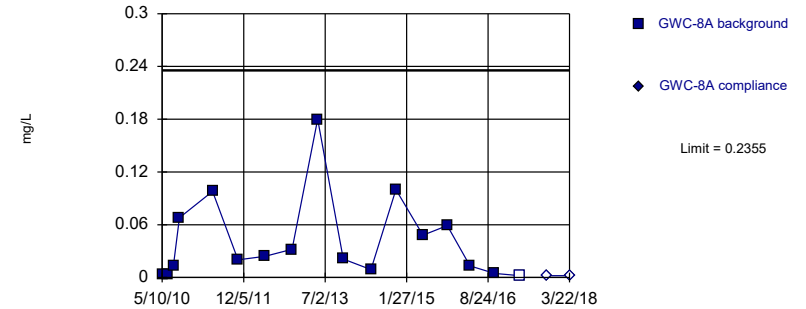


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

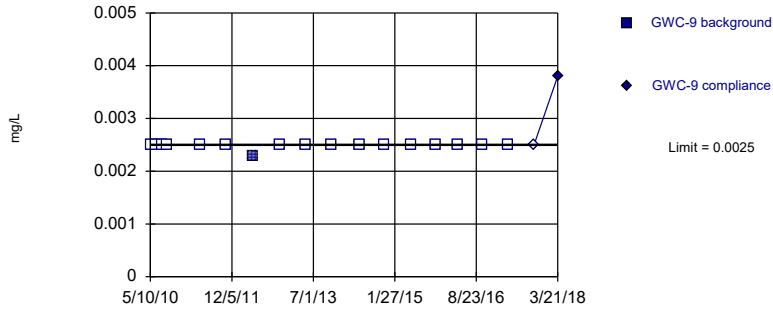


Background Data Summary (based on square root transformation): Mean=0.1739, Std. Dev.=0.1076, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9213, critical = 0.851. Kappa overridden to 2.894.

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

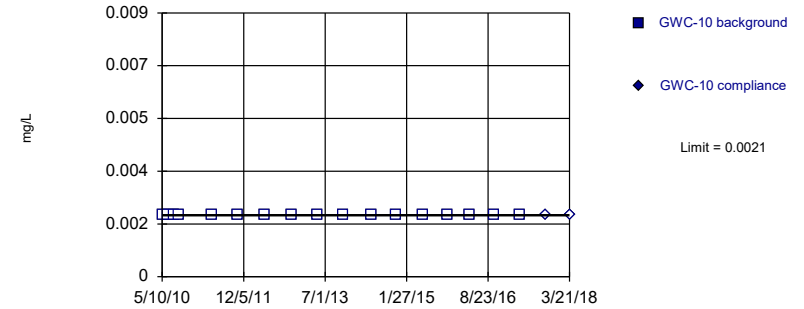


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

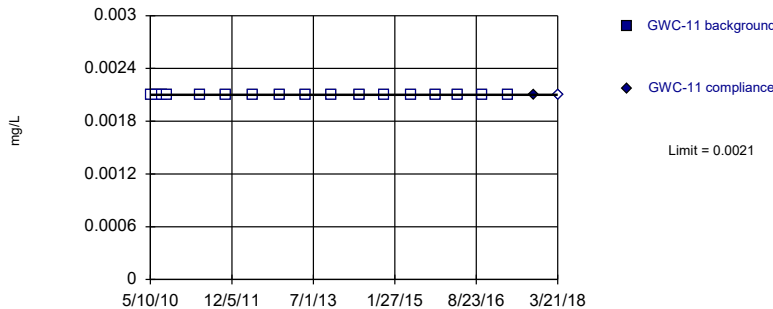


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

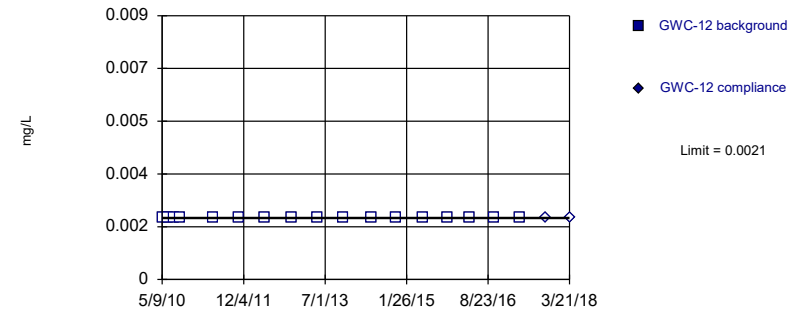


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

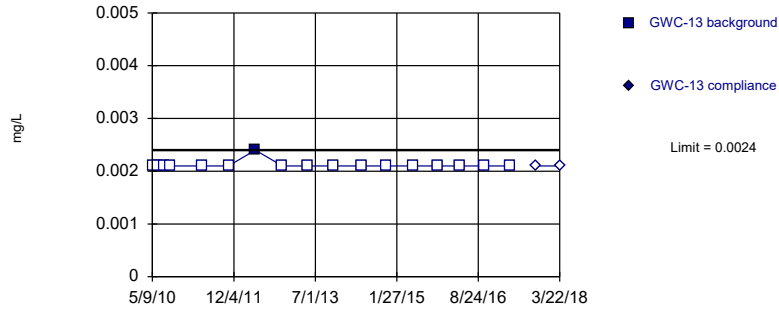


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

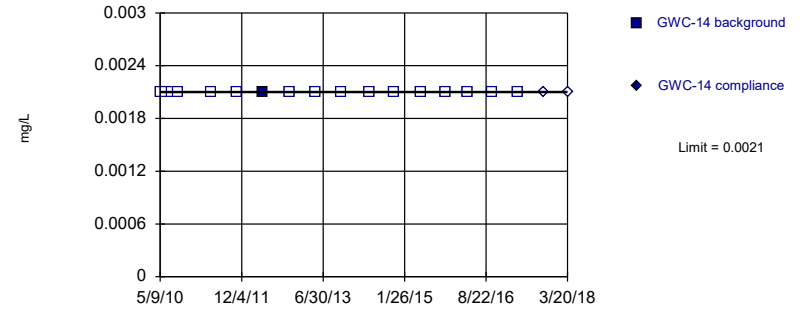


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

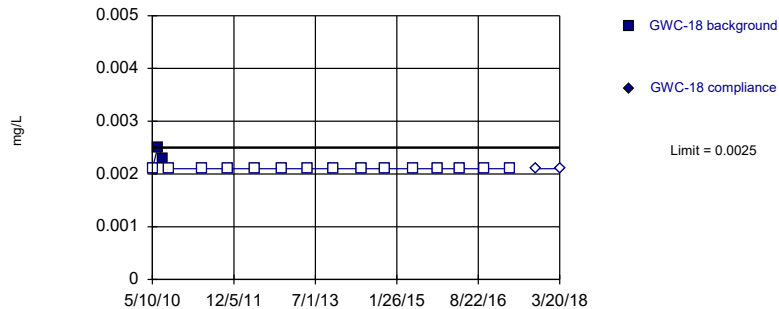


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

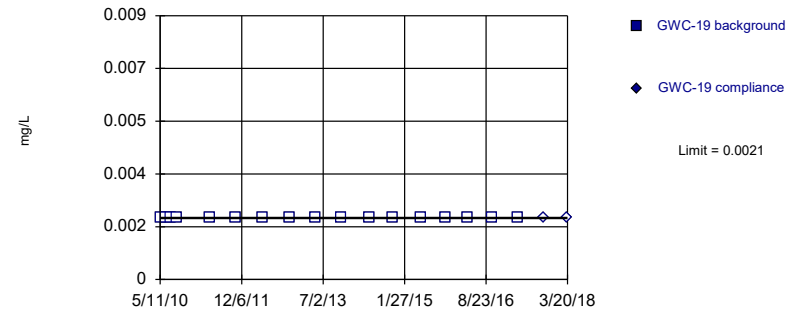


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

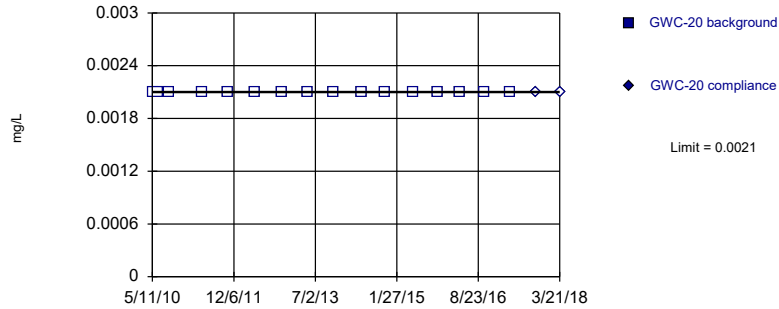


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

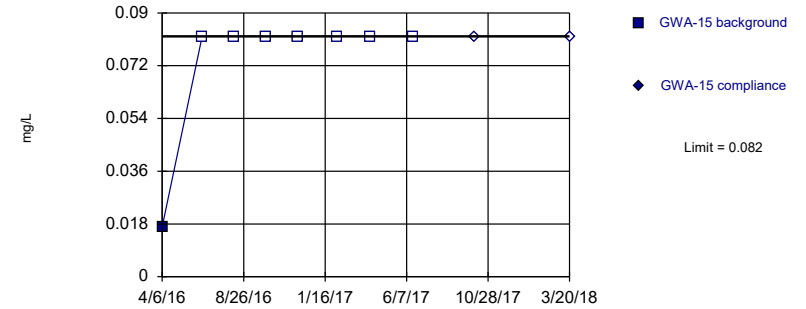


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

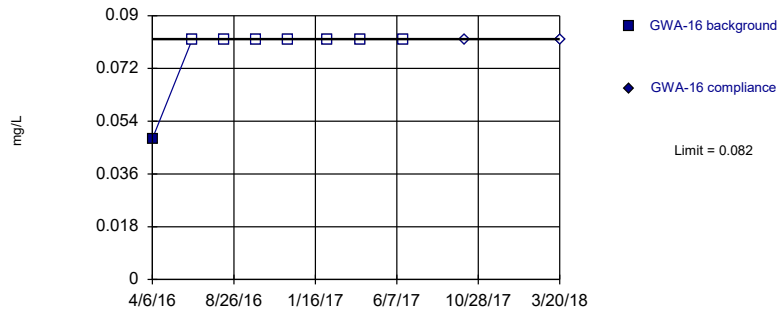


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

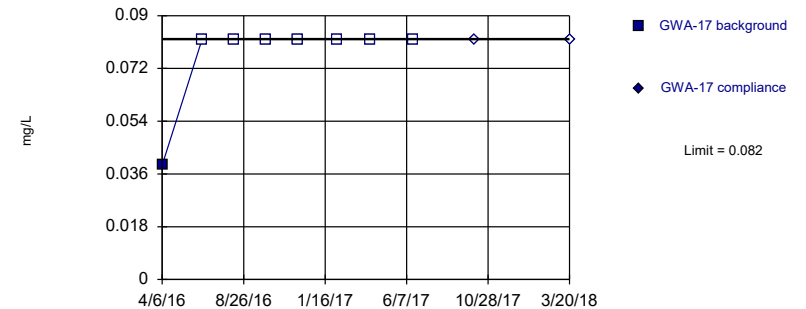


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

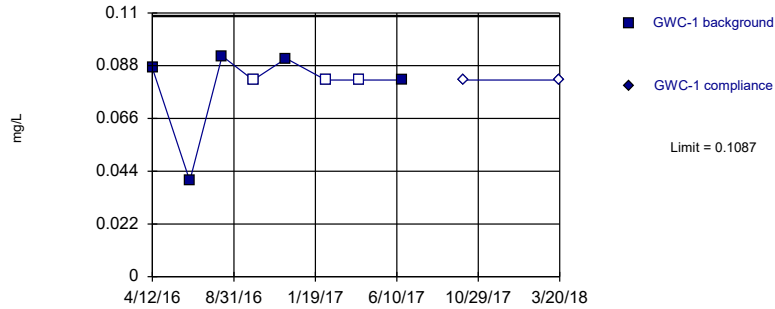


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

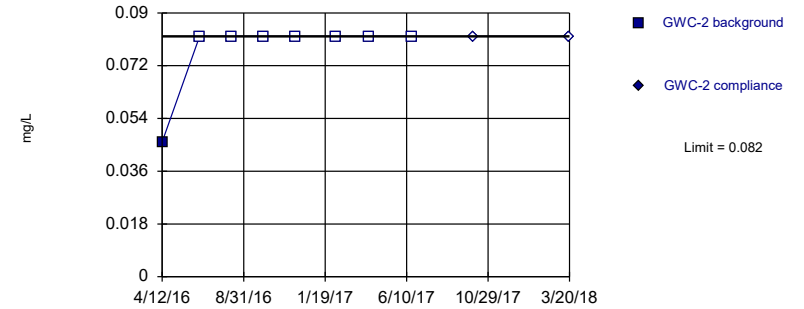


Background Data Summary (based on cube transformation) (after Kaplan-Meier Adjustment): Mean=0.0004661, Std. Dev.=0.0002828, n=8, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7777, critical = 0.749. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

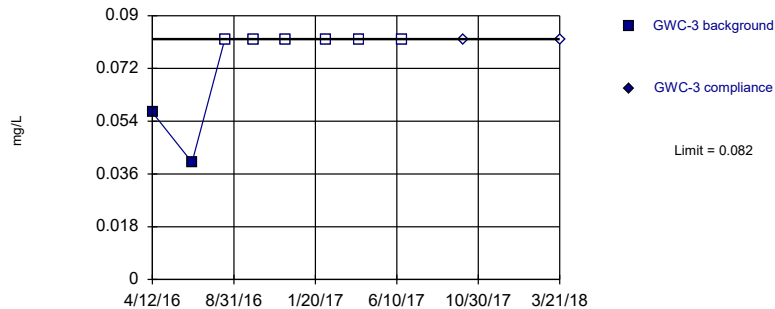


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

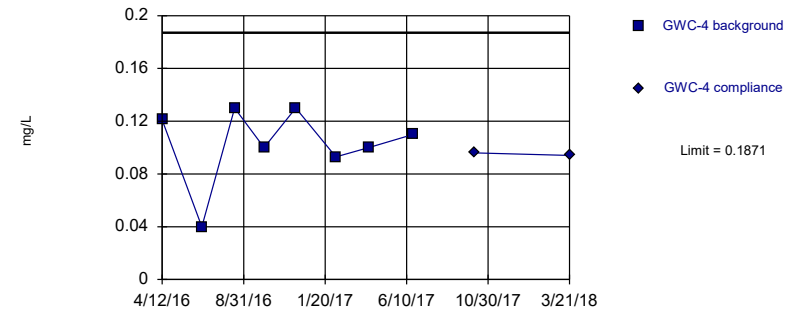


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

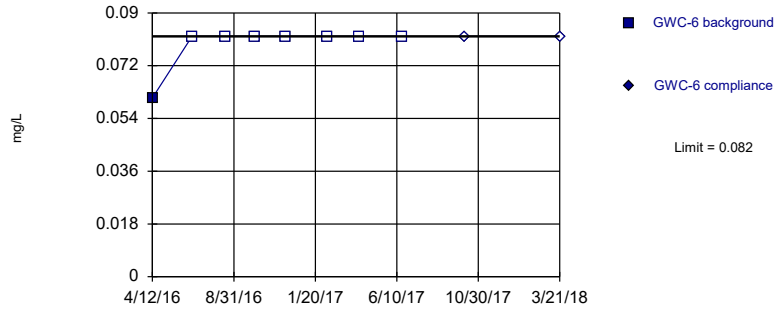
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.103, Std. Dev.=0.02908, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8374, critical = 0.749. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

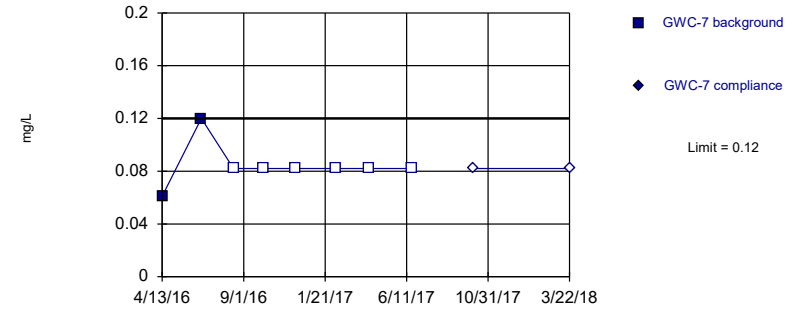
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

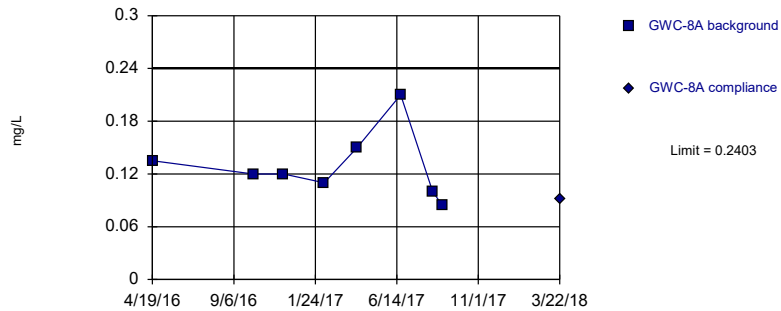
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

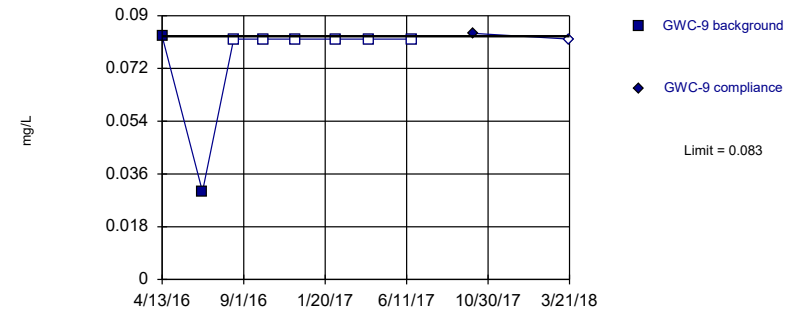
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.1286, Std. Dev.=0.03859, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8919, critical = 0.749. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

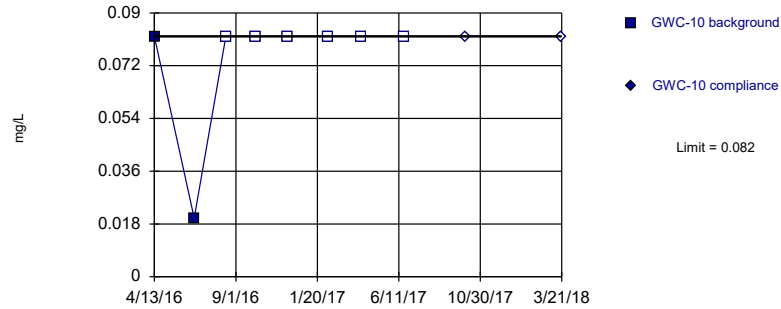


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

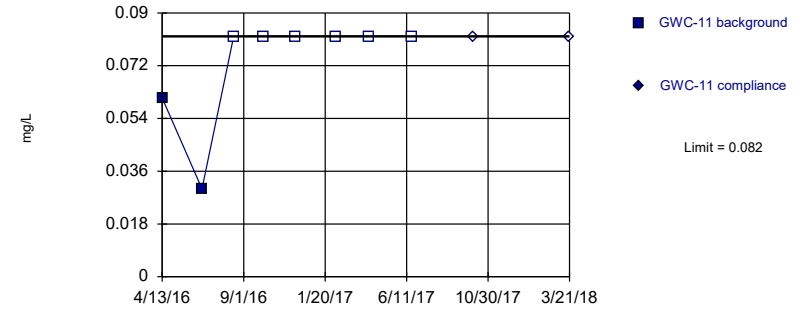


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

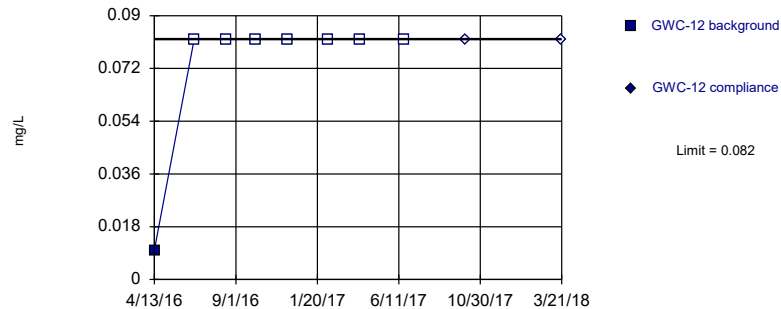


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

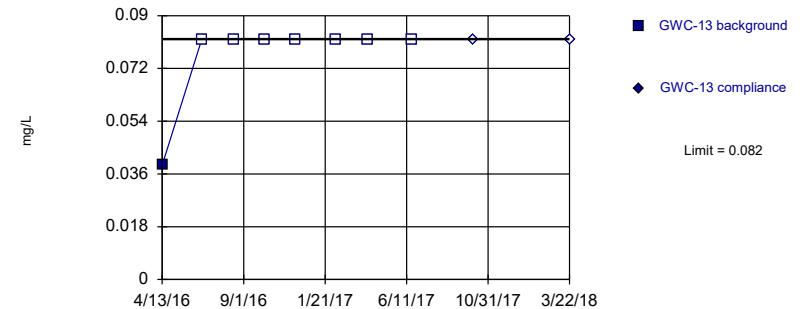


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

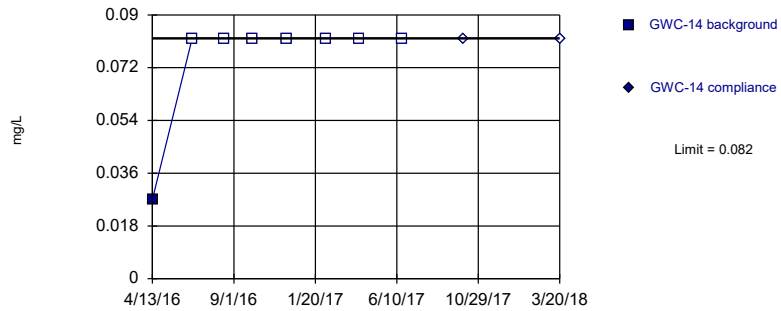


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

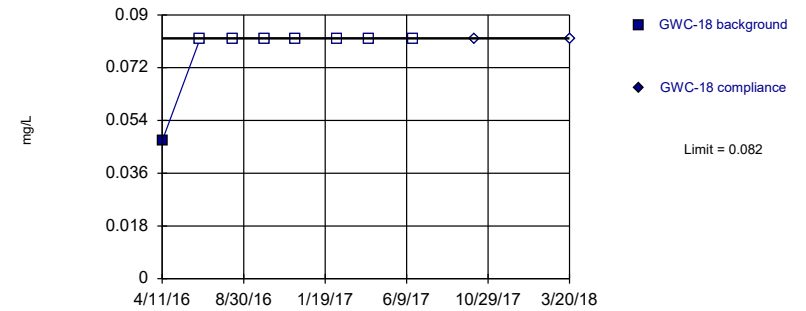


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

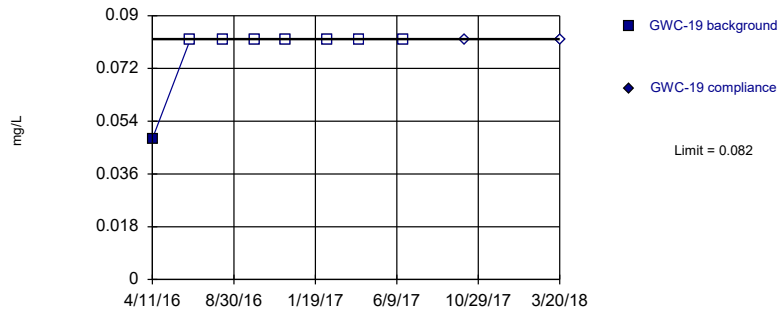


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

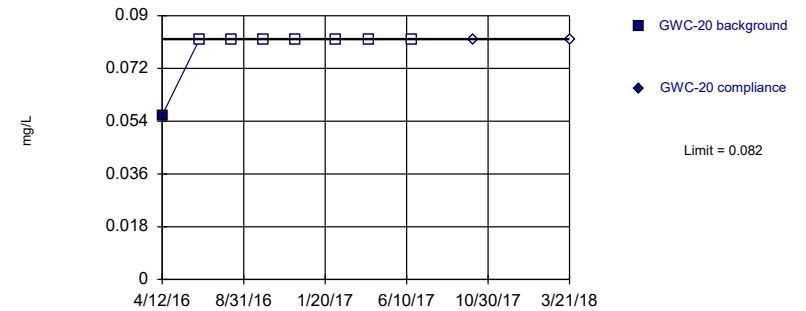


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

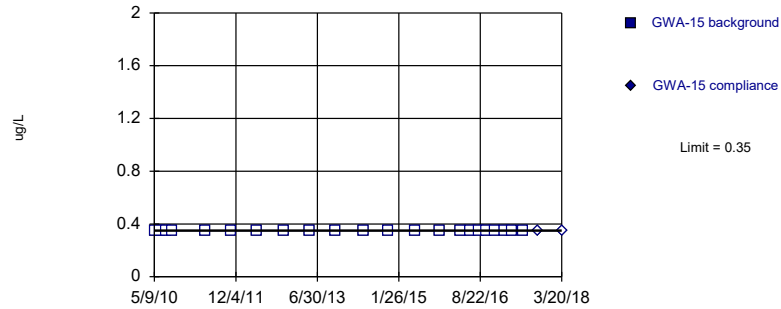


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

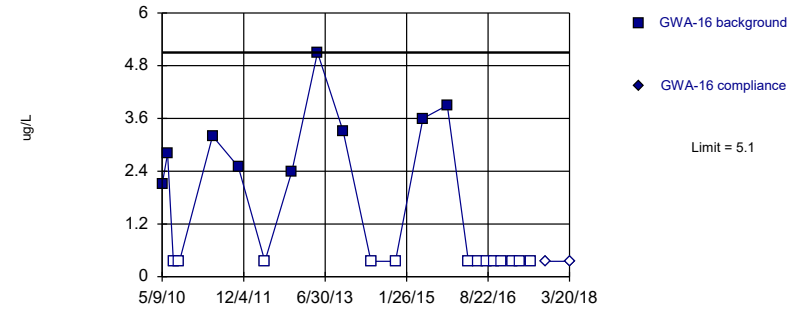


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

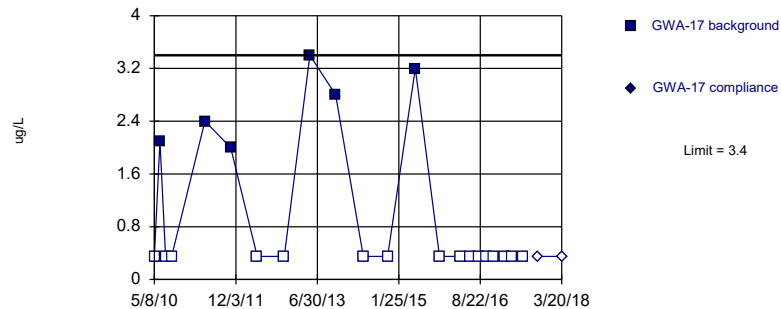


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

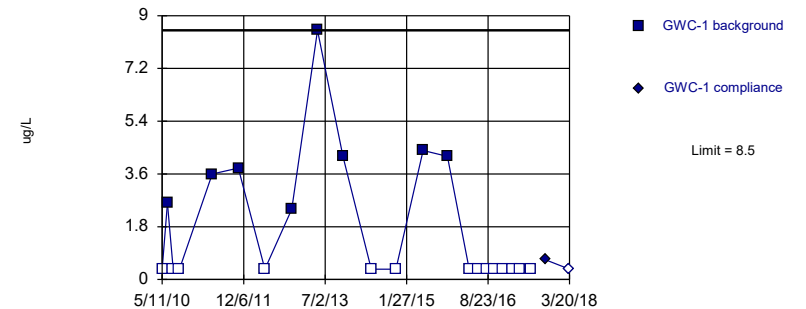


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 72.73% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

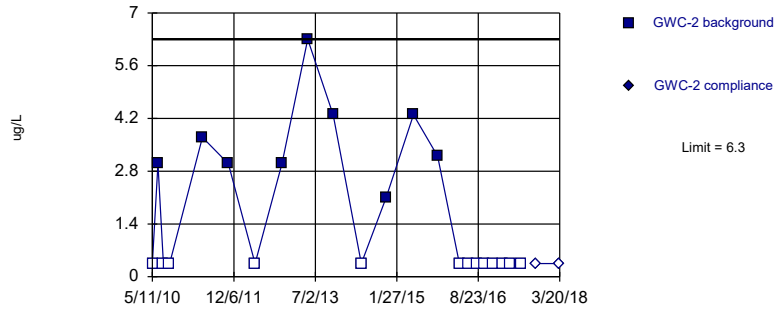


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

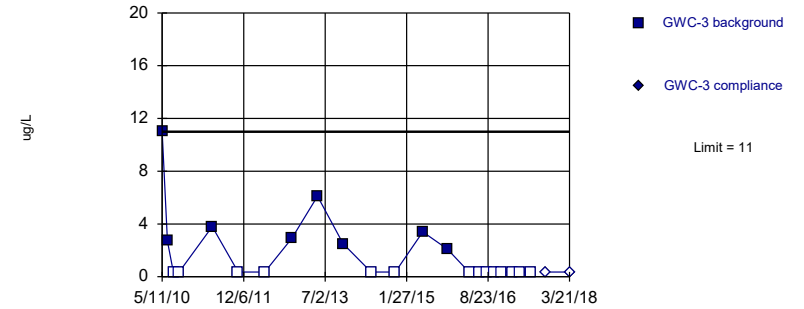


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

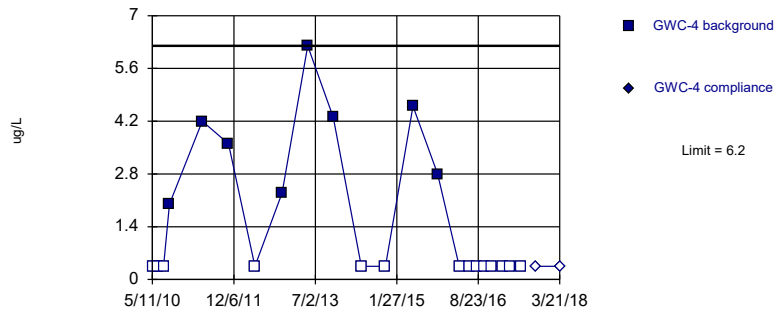


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

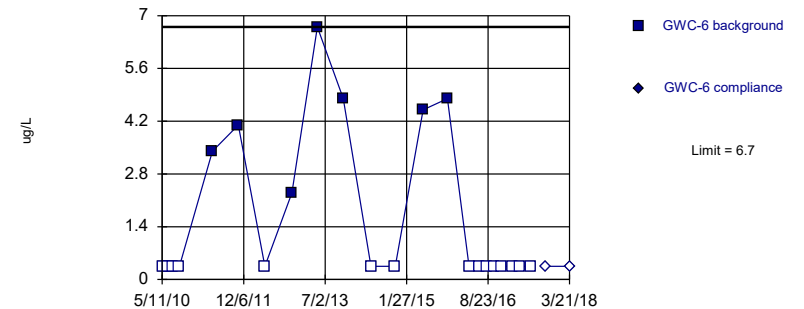


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

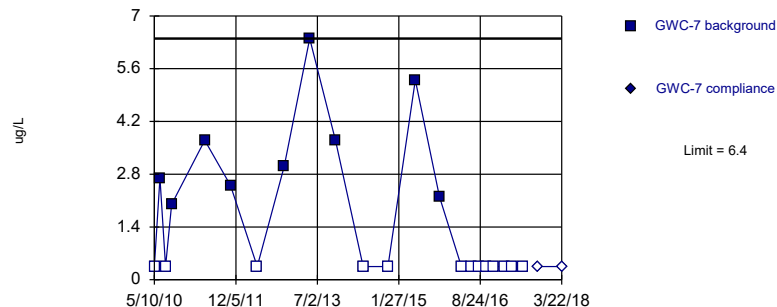


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 68.18% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

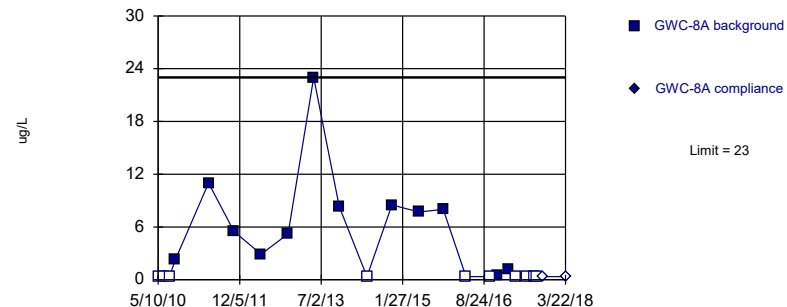


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

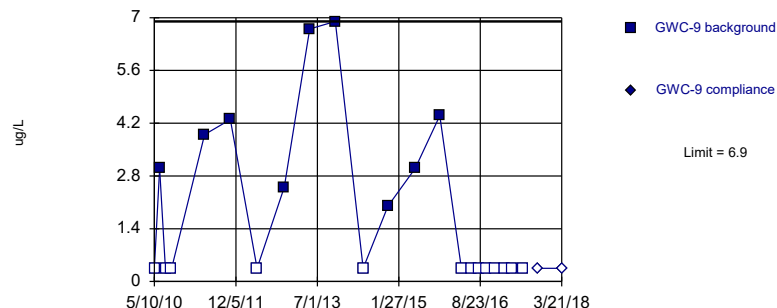


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. 45.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

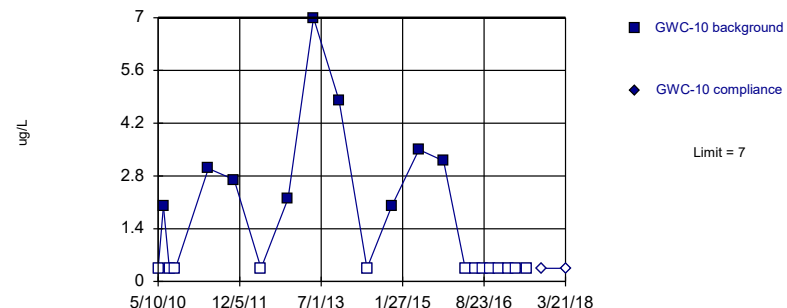


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



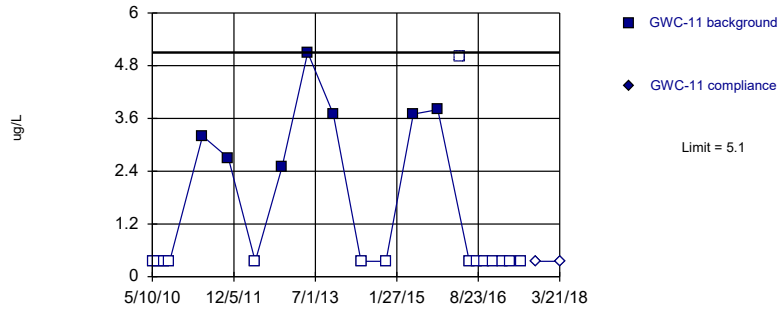
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



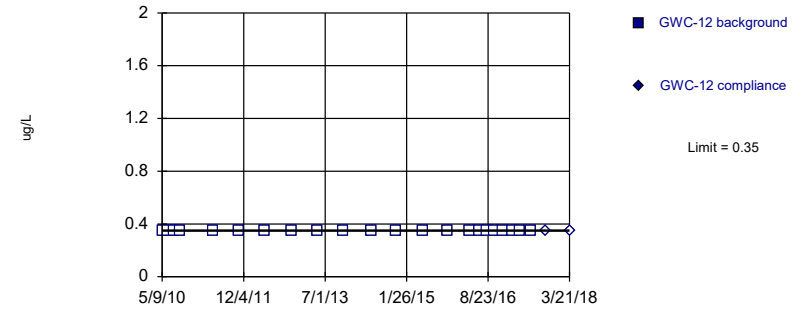
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



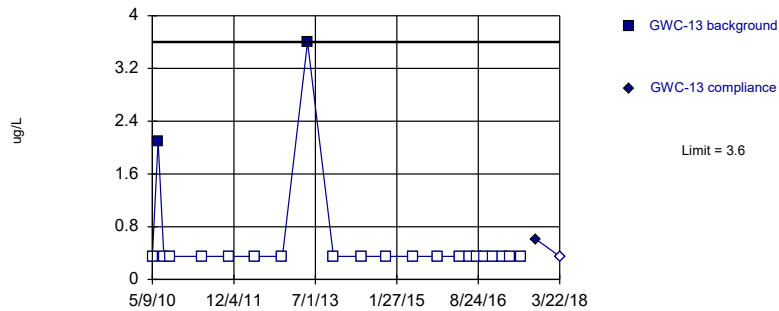
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



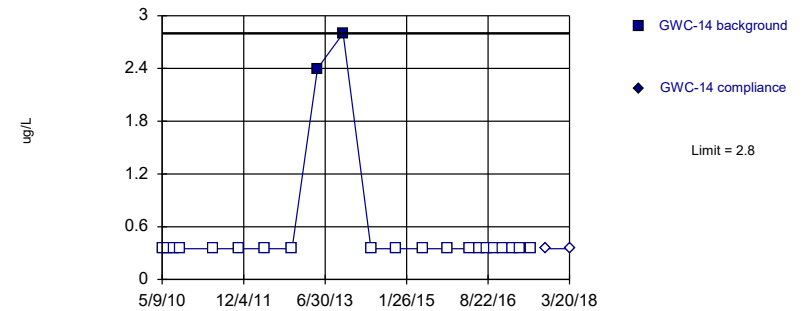
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

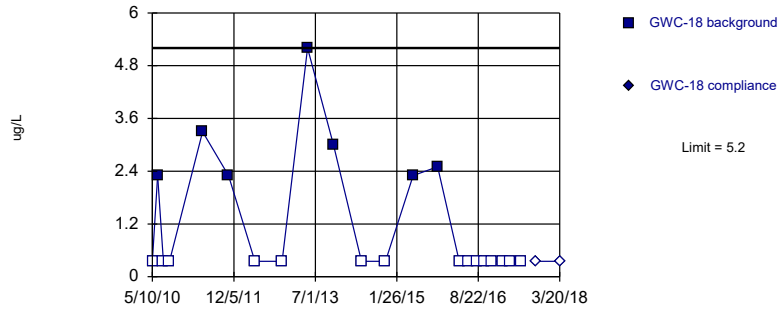
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

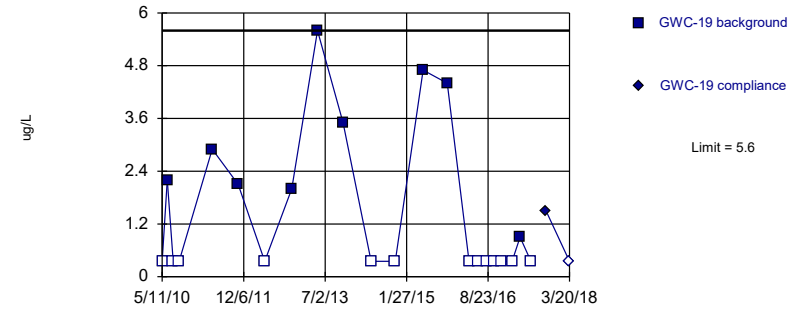
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 68.18% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

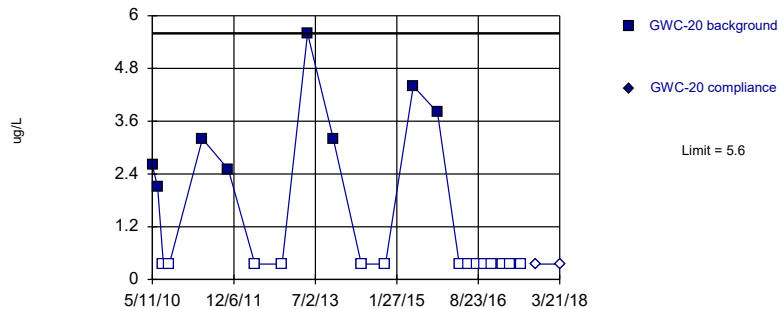
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

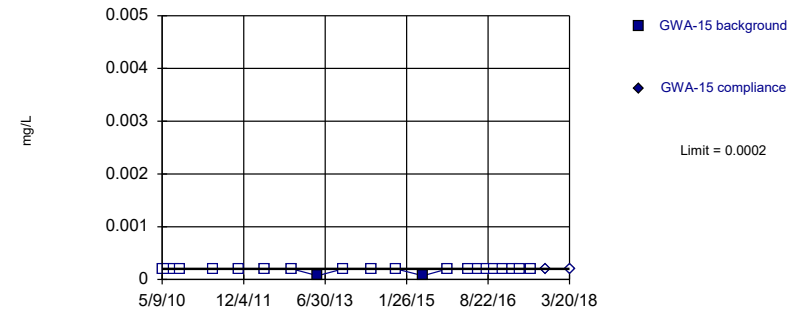
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

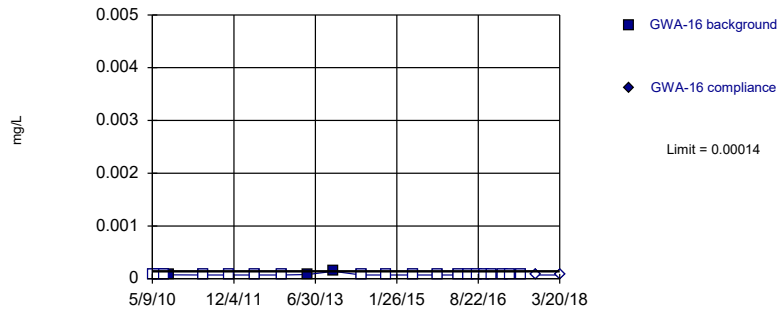


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

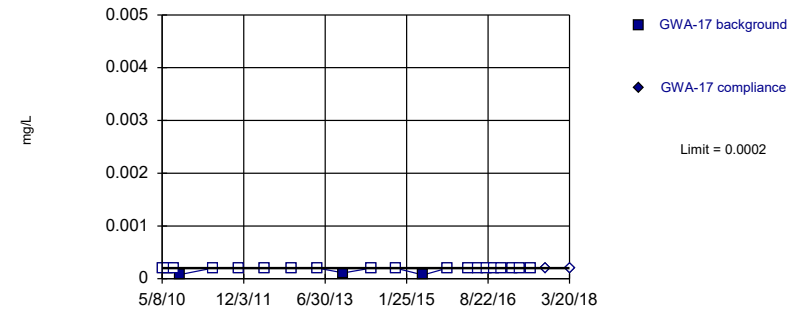


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

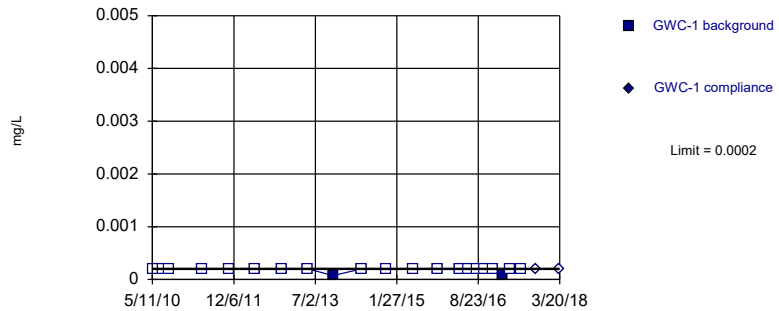


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

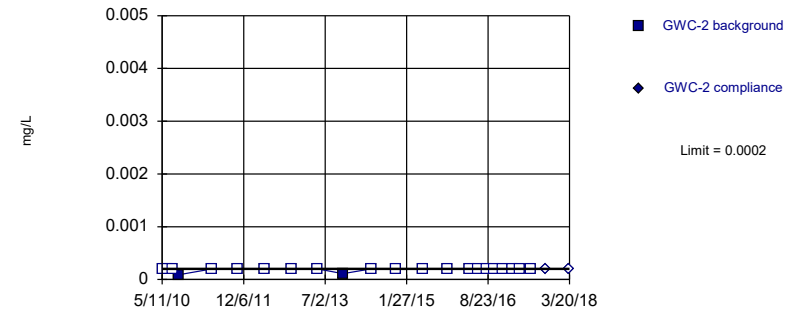


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



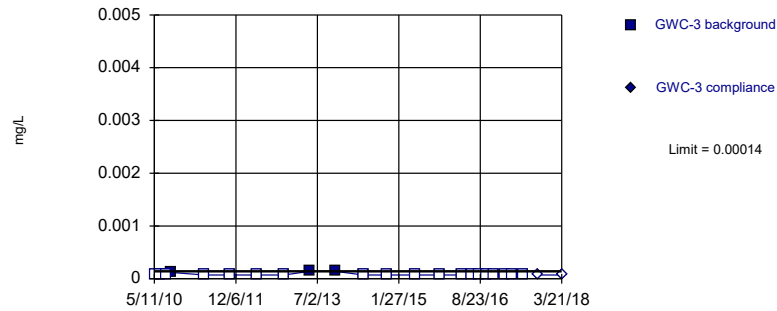
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



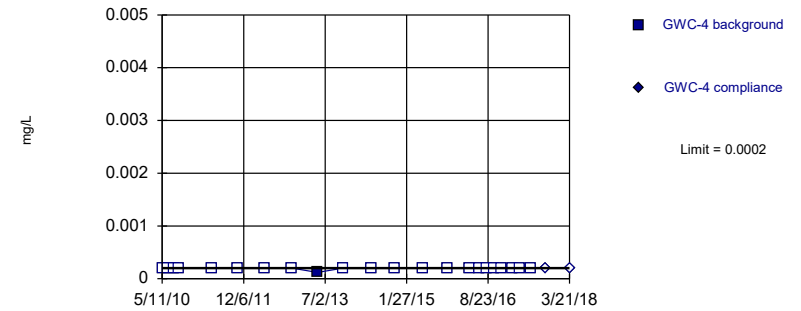
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



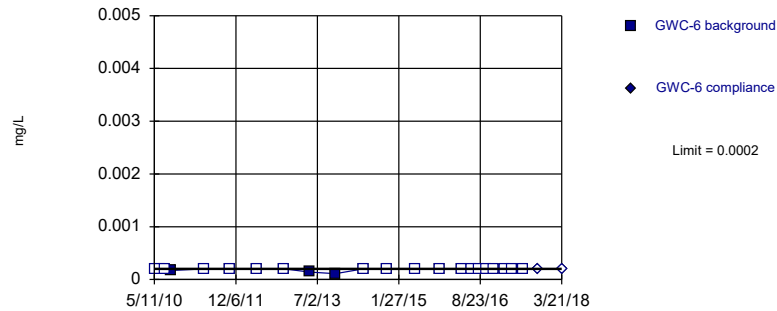
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



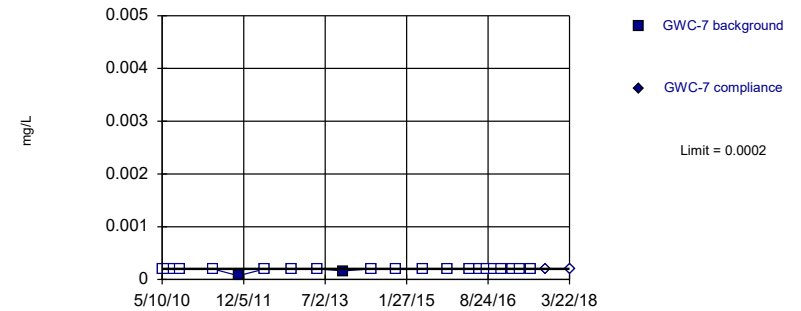
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

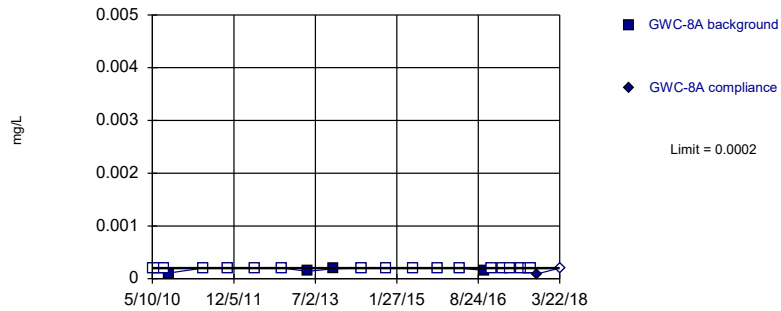


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

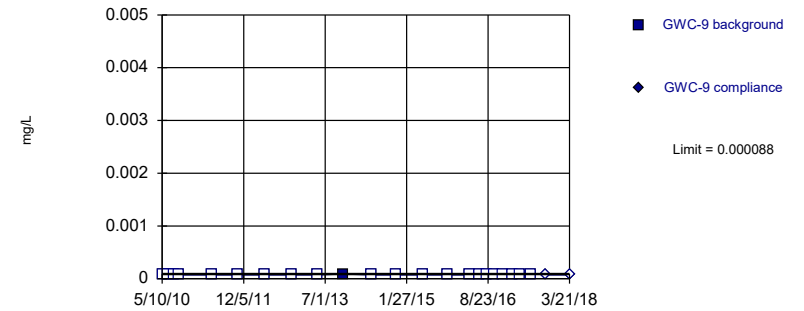


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

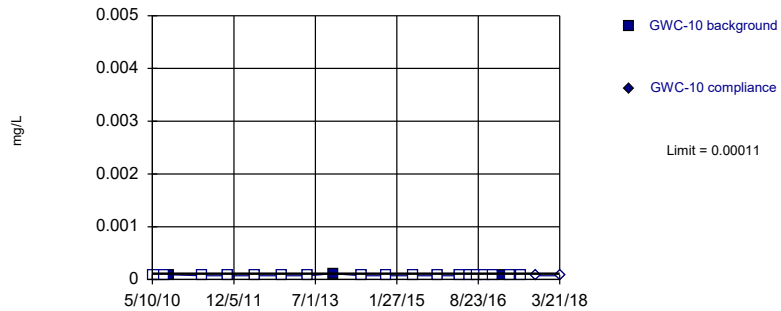


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

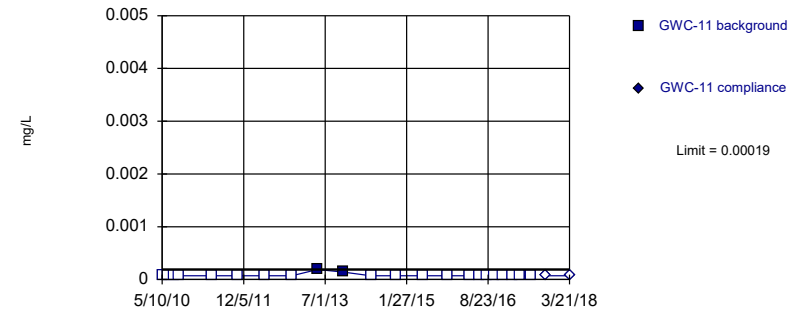


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

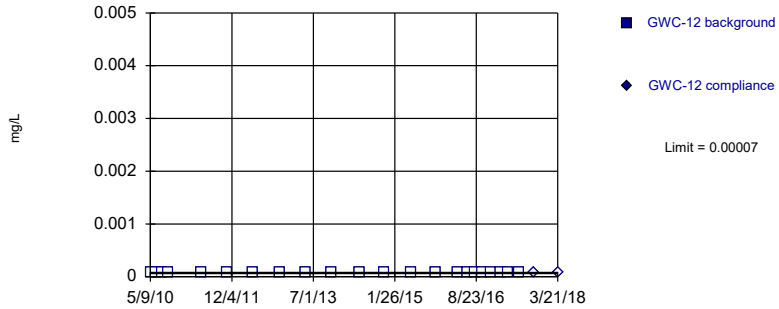
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

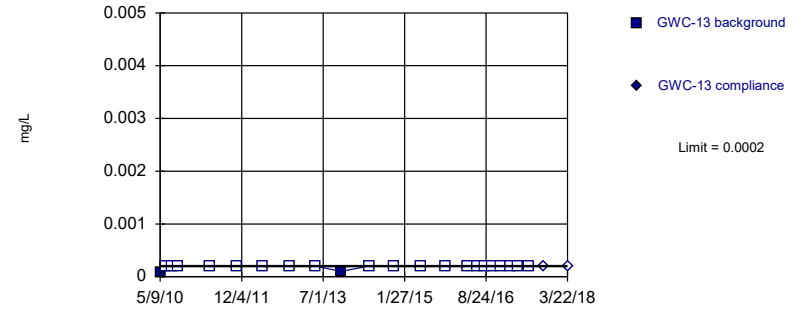
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

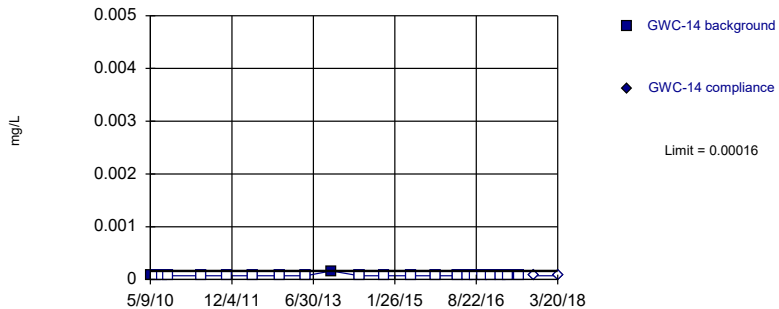
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

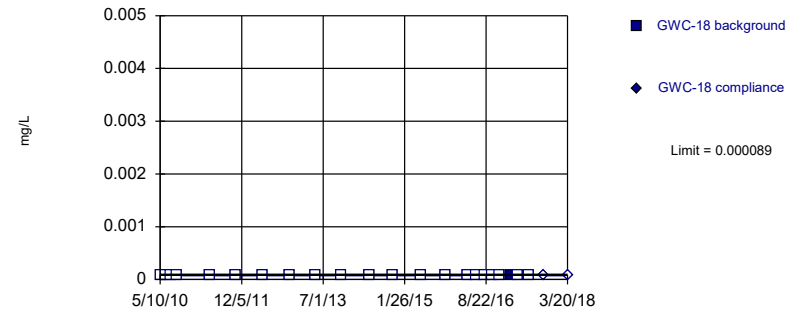
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

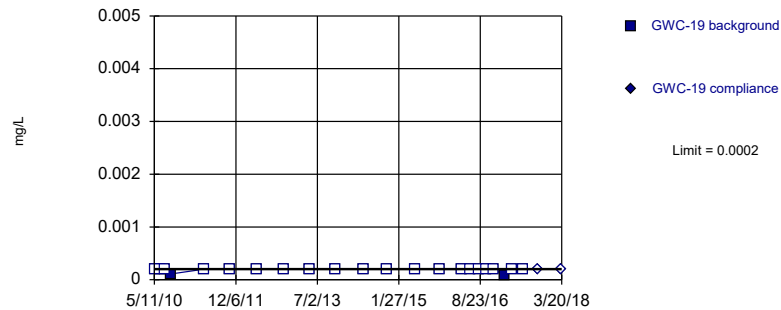


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

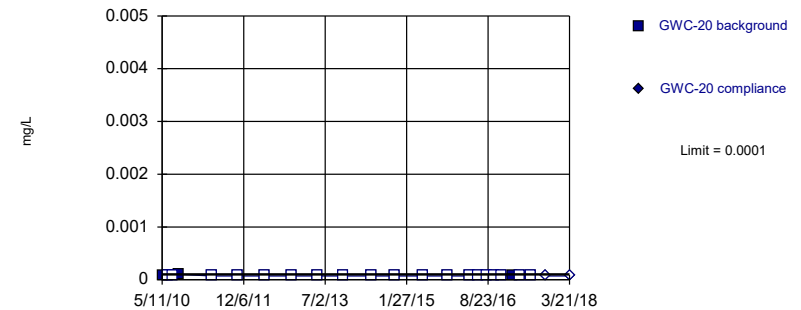


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

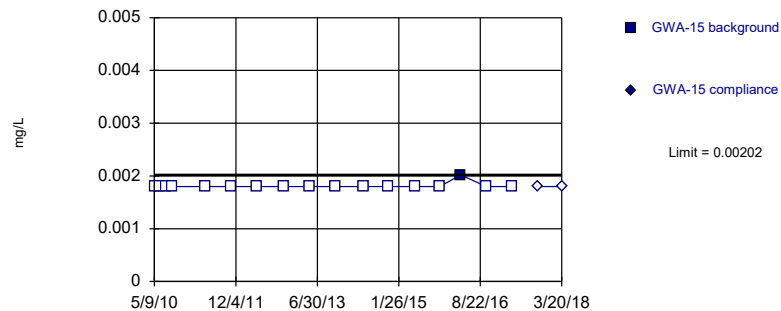


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

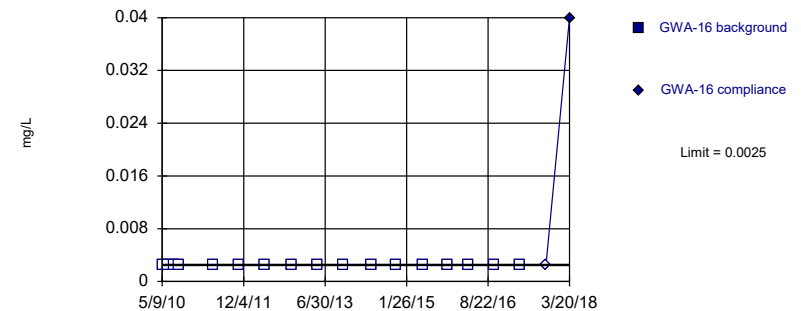


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Exceeds Limit Prediction Limit
Intrawell Non-parametric

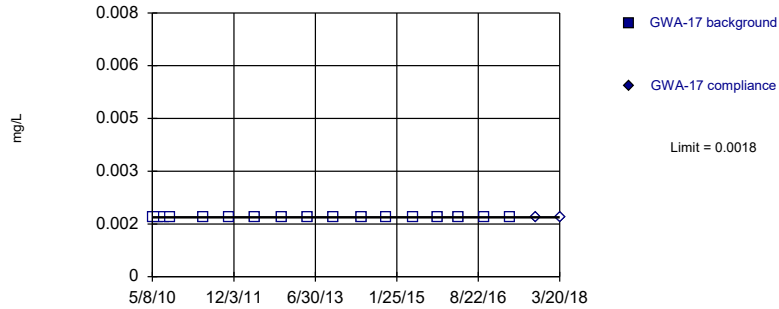


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

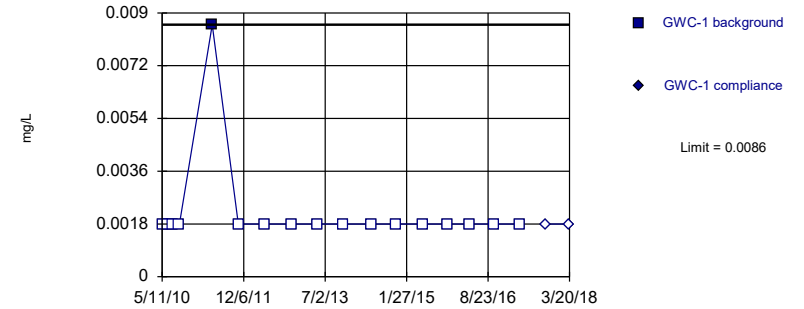


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

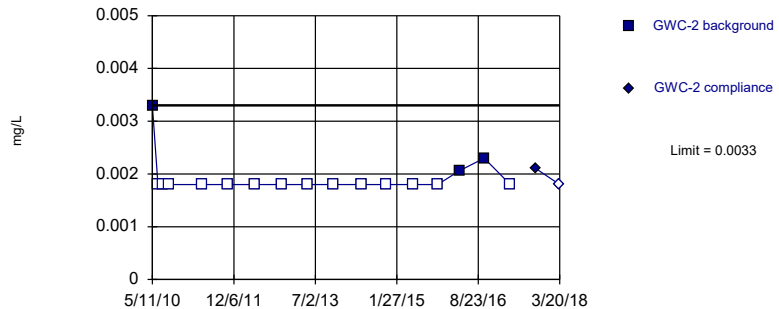


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

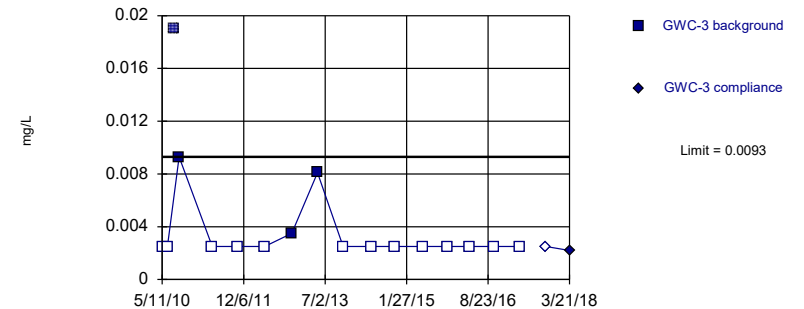


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



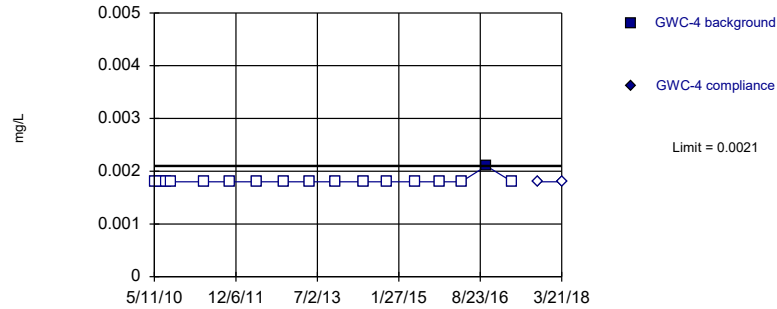
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



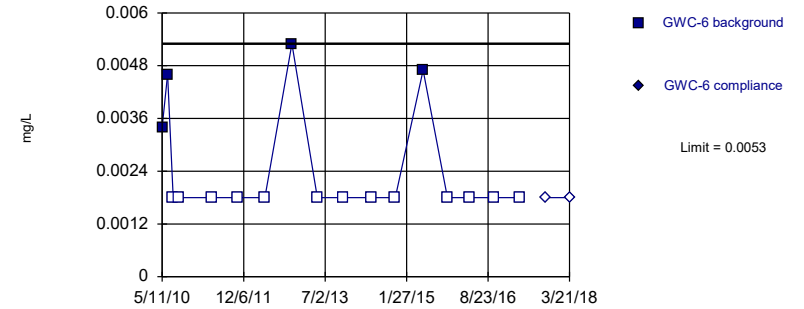
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



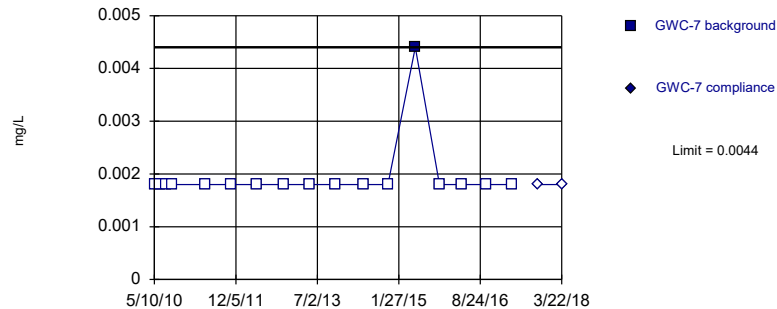
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



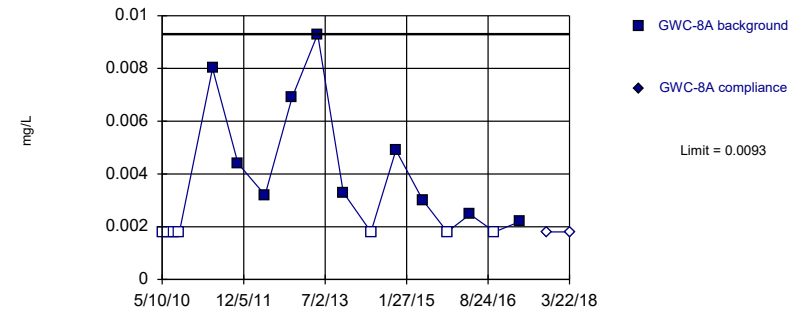
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



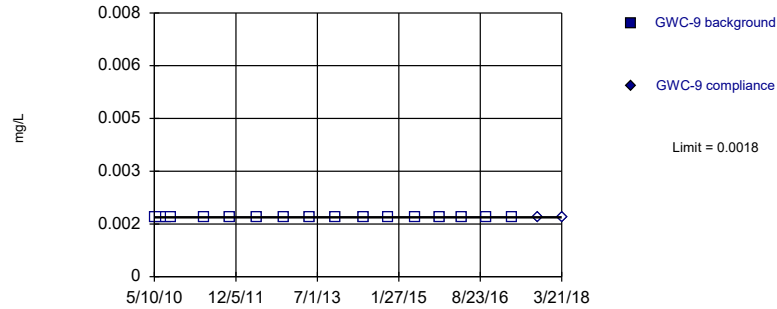
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 41.18% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



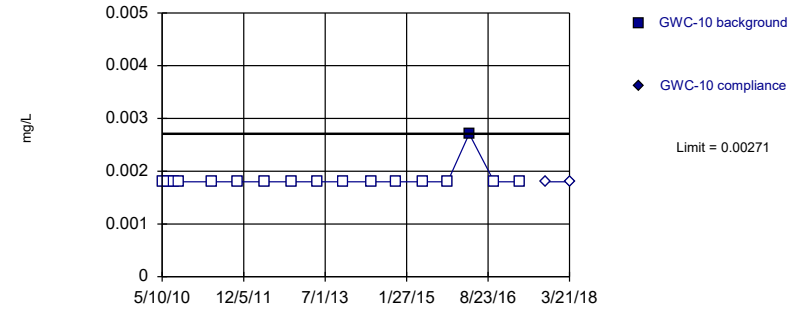
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



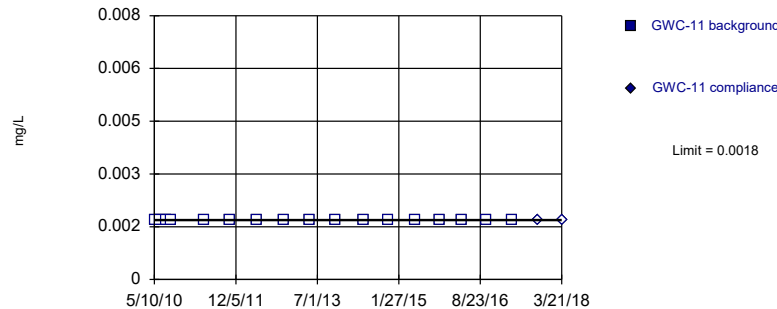
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



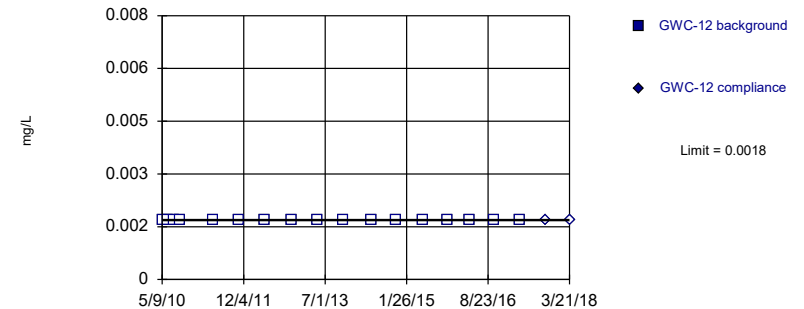
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



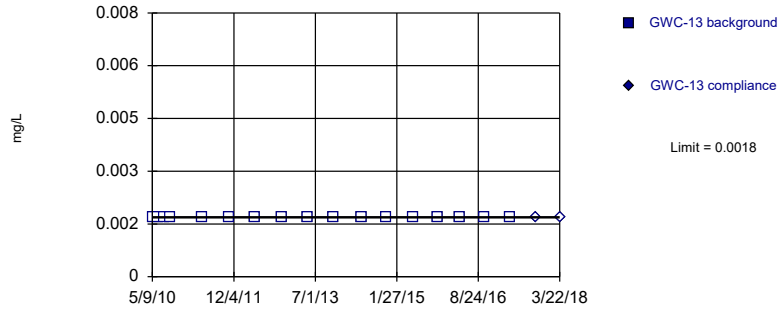
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



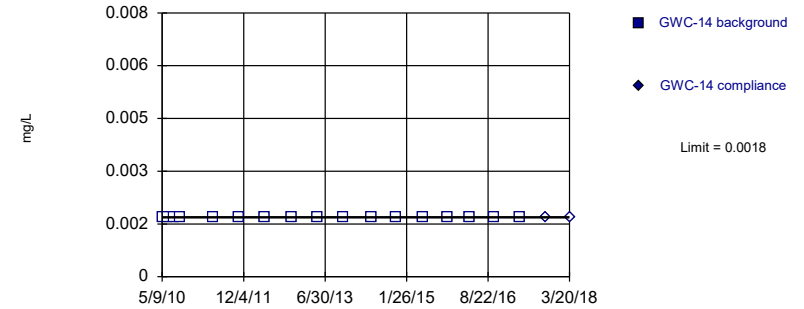
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



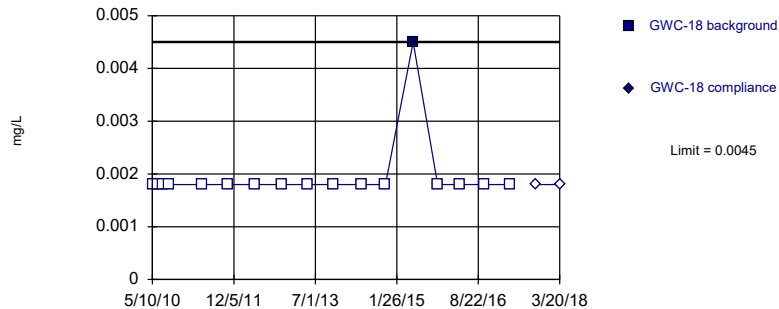
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



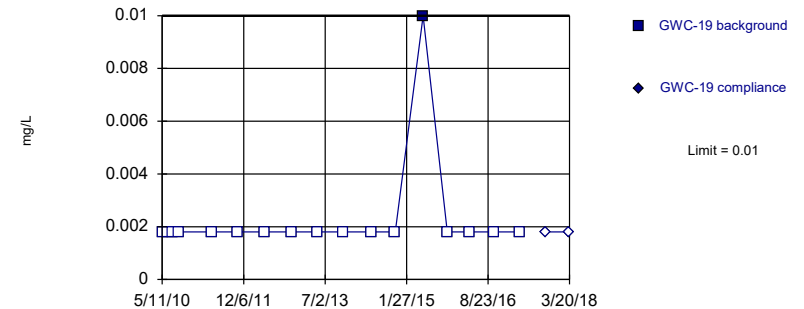
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

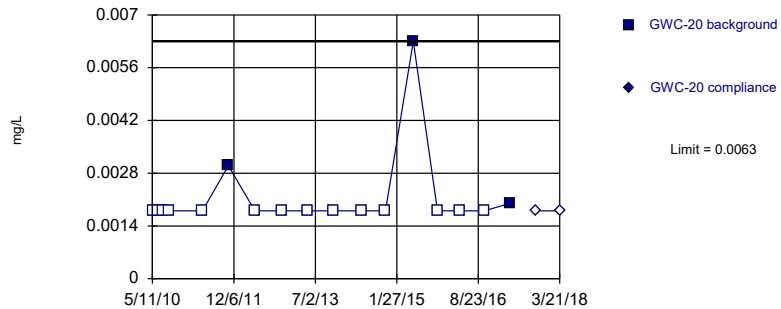


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

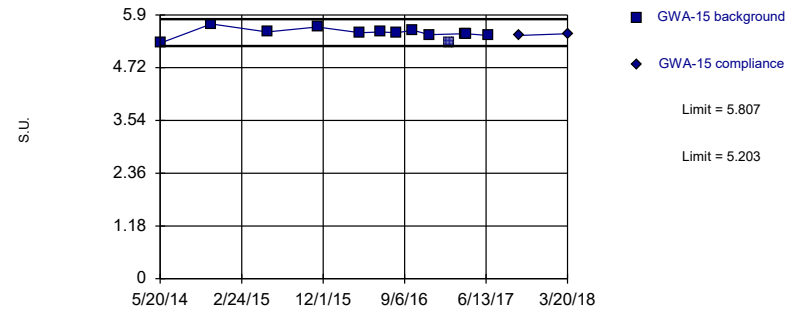


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

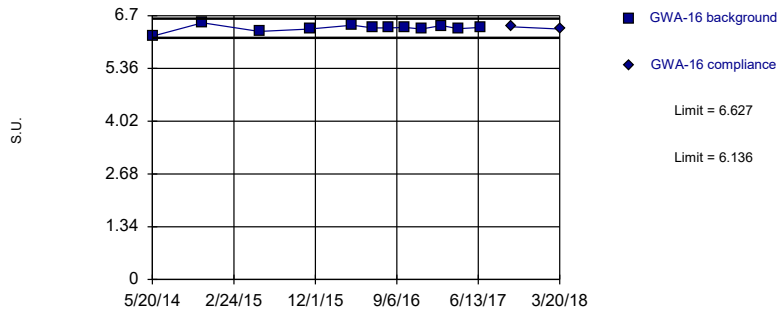


Background Data Summary: Mean=5.505, Std. Dev.=0.1044, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9199, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

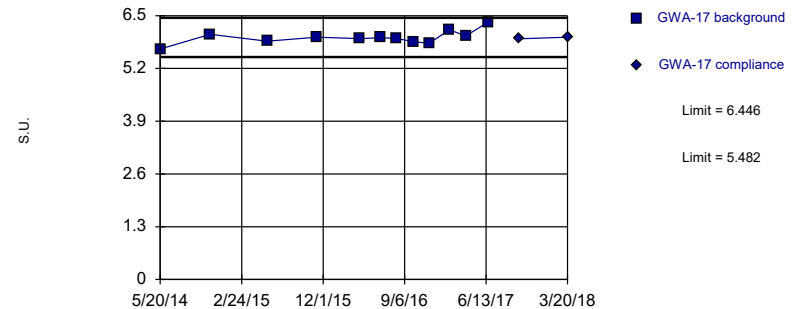


Background Data Summary: Mean=6.382, Std. Dev.=0.08483, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.918, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

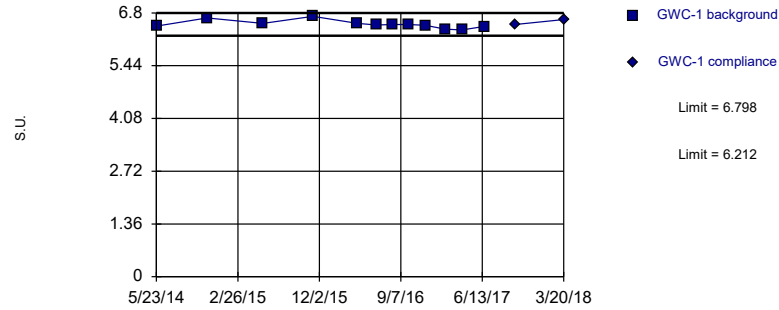


Background Data Summary: Mean=5.964, Std. Dev.=0.1666, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9462, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit Intrawell Parametric

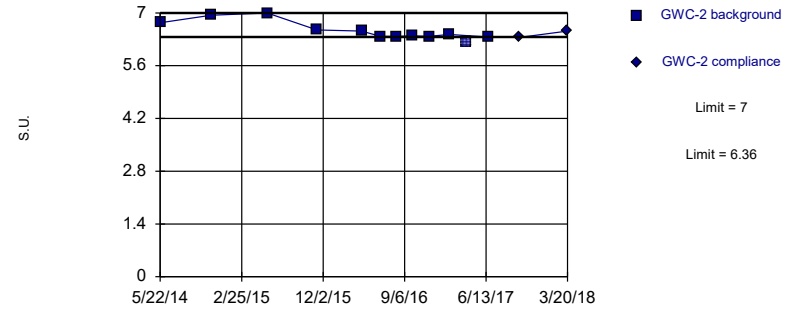


Background Data Summary: Mean=6.505, Std. Dev.=0.1014, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9058, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit Intrawell Non-parametric

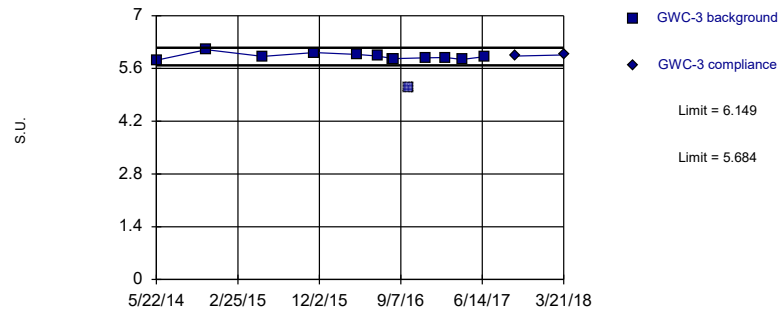


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 11 background values. Well-constituent pair annual alpha = 0.05073. Individual comparison alpha = 0.02553 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit Intrawell Parametric

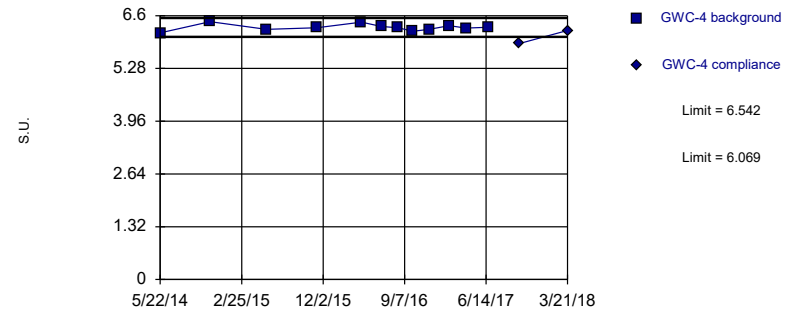


Background Data Summary: Mean=5.917, Std. Dev.=0.08038, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9104, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit Intrawell Parametric

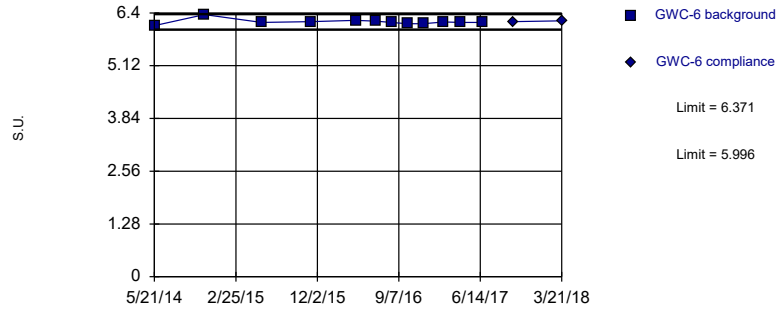


Background Data Summary: Mean=6.306, Std. Dev.=0.08174, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9472, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

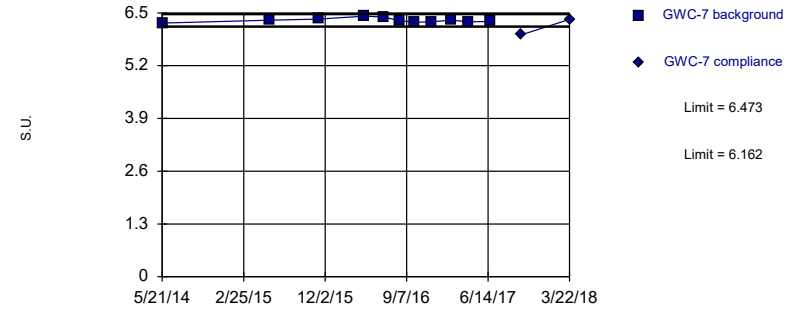


Background Data Summary: Mean=6.183, Std. Dev.=0.06471, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8052, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

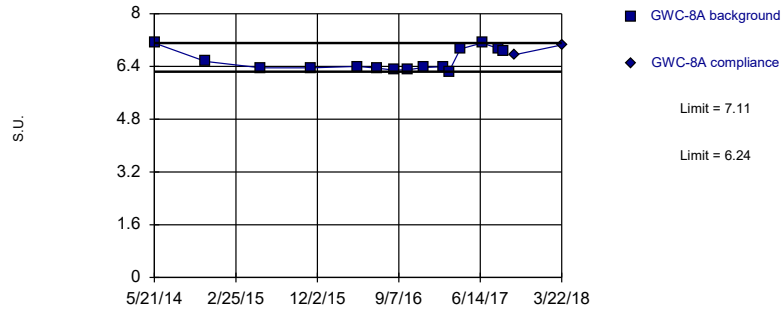


Background Data Summary: Mean=6.317, Std. Dev.=0.05368, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9099, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

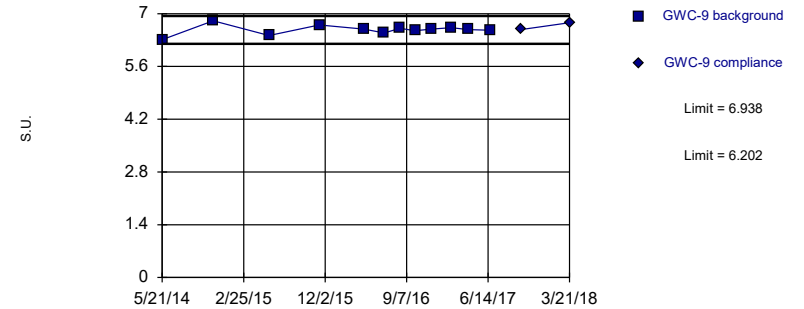


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

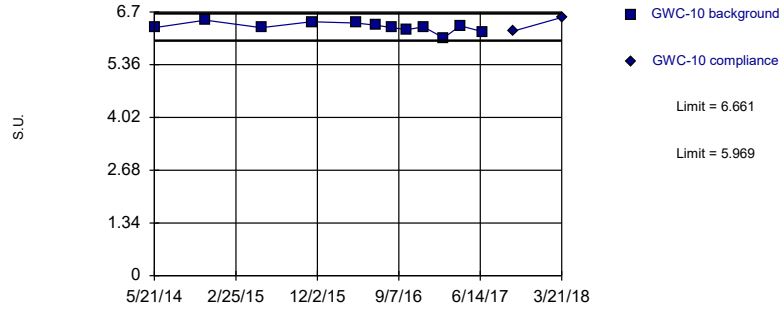


Background Data Summary: Mean=6.57, Std. Dev.=0.1271, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9571, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

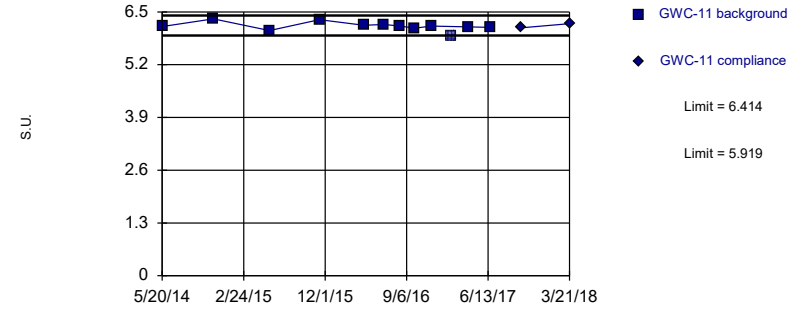


Background Data Summary: Mean=6.315, Std. Dev.=0.1194, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9405, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

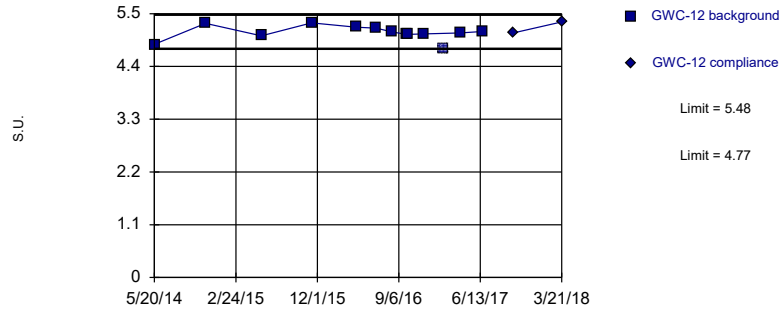


Background Data Summary: Mean=6.166, Std. Dev.=0.08547, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.885, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

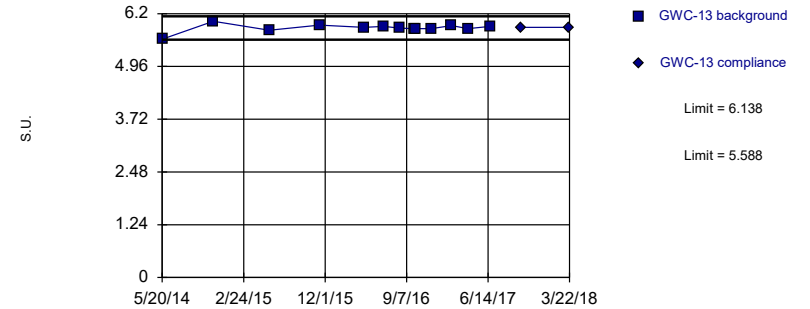


Background Data Summary: Mean=5.125, Std. Dev.=0.1227, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9362, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

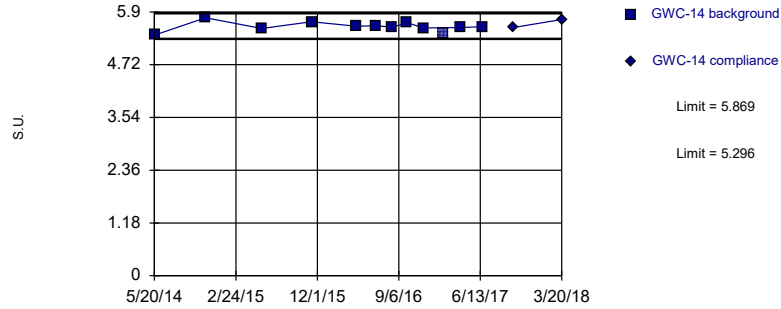


Background Data Summary: Mean=5.863, Std. Dev.=0.0949, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.819, critical = 0.814. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

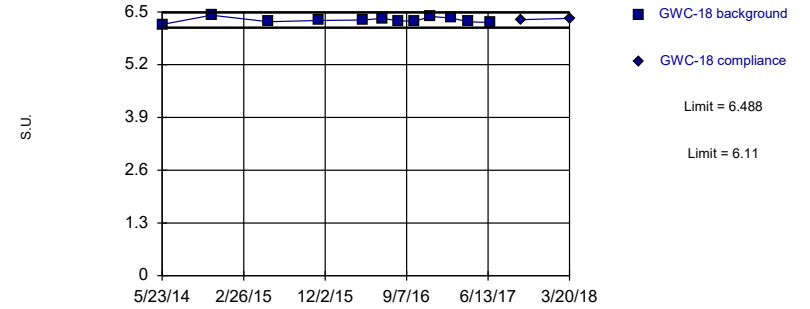


Background Data Summary: Mean=5.583, Std. Dev.=0.099, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9329, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

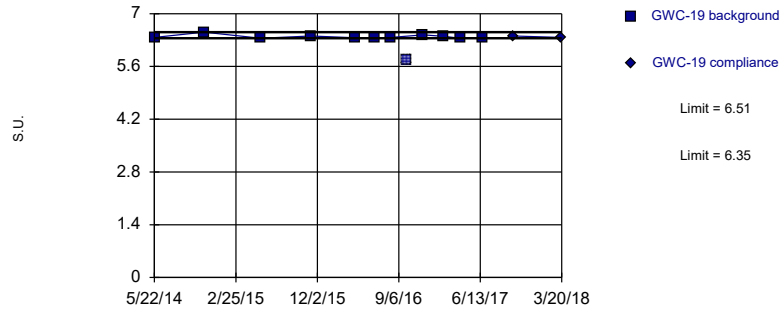


Background Data Summary: Mean=6.299, Std. Dev.=0.06529, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9646, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

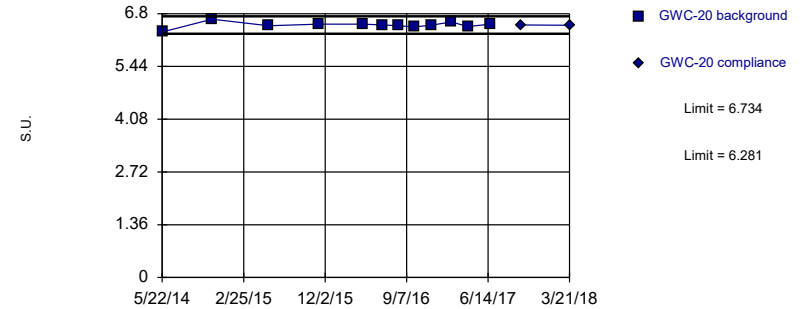


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 11 background values. Well-constituent pair annual alpha = 0.05073. Individual comparison alpha = 0.02553 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric



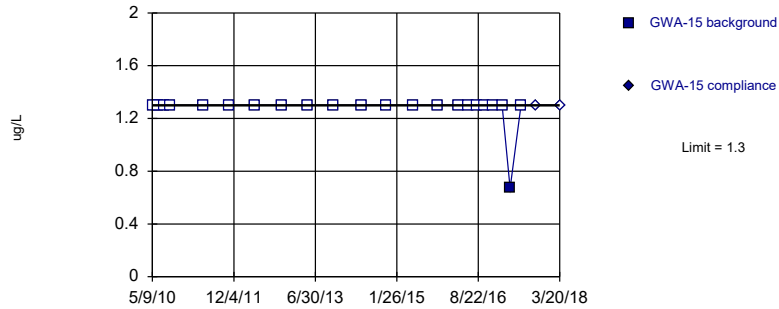
Background Data Summary: Mean=6.508, Std. Dev.=0.07829, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9145, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



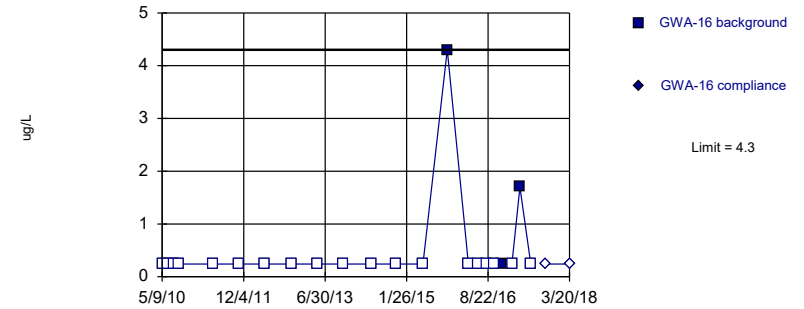
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



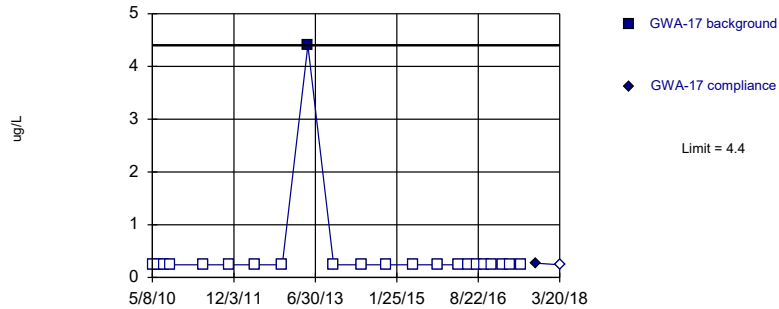
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



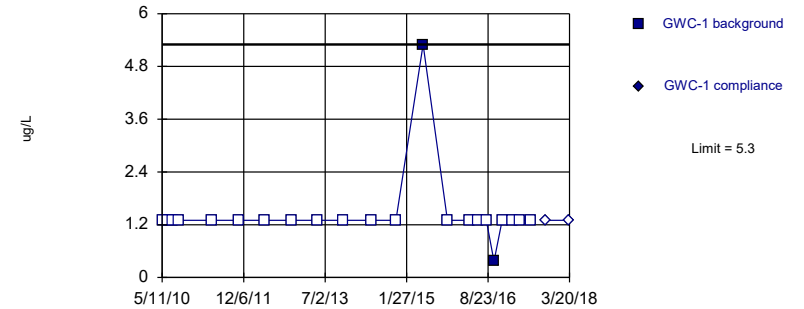
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

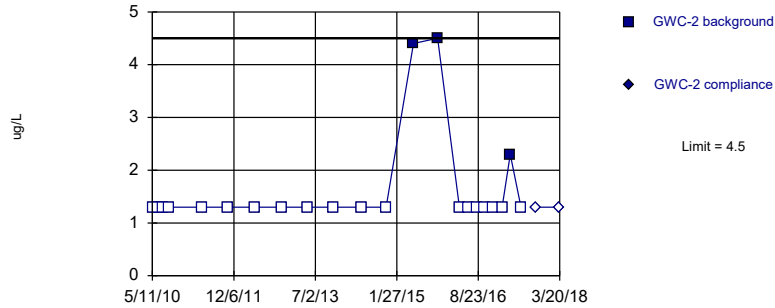


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

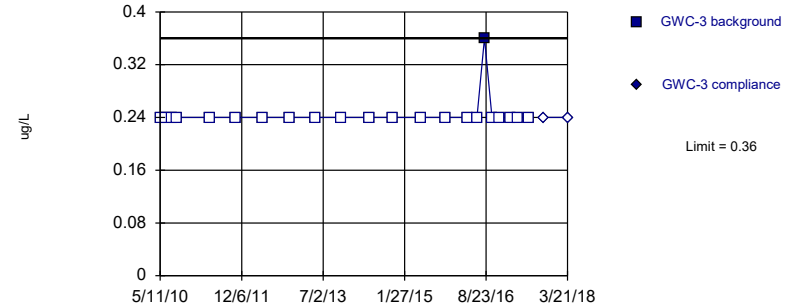


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

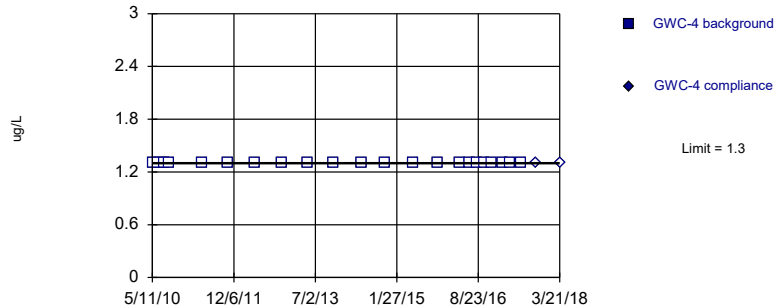


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

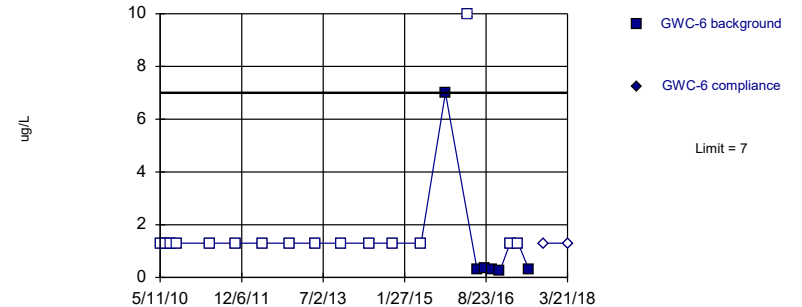


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

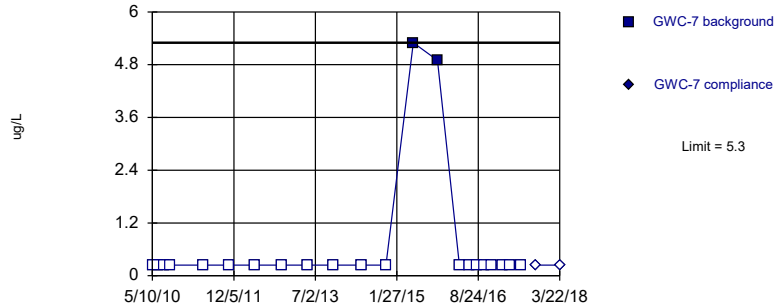


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

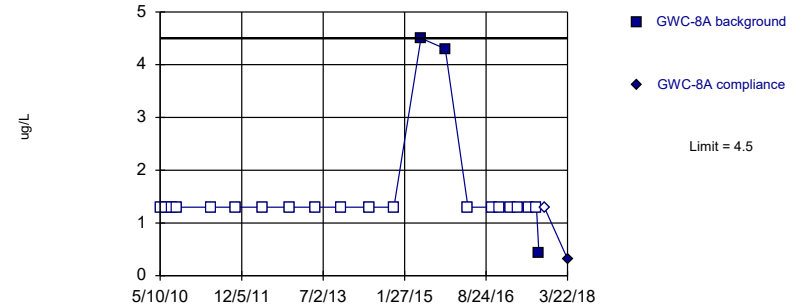


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

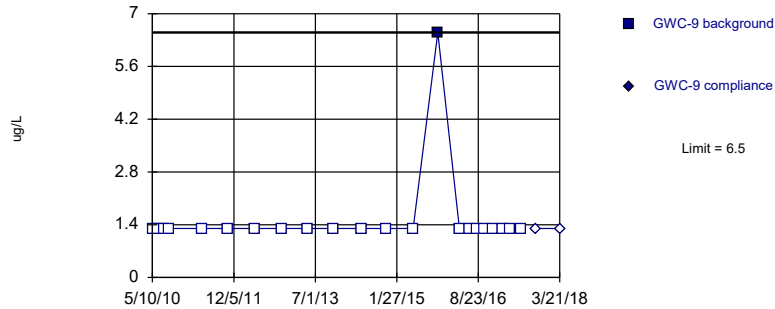


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

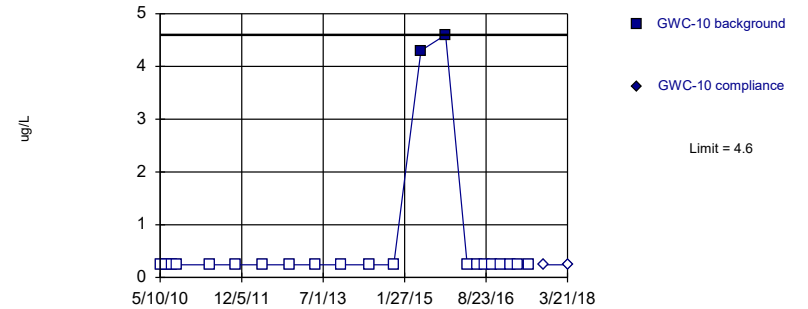


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



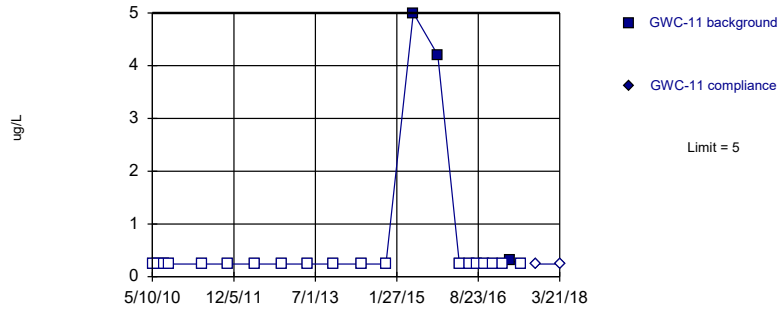
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



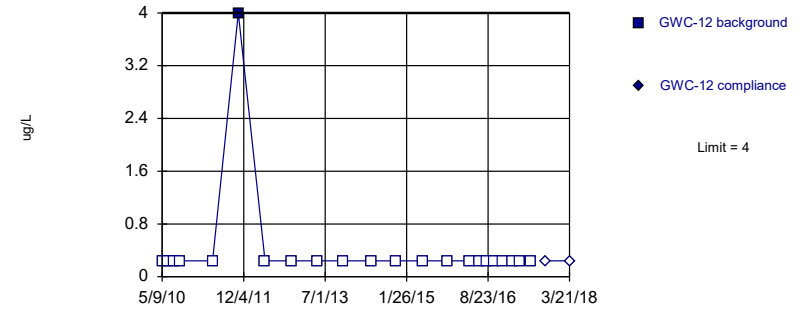
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



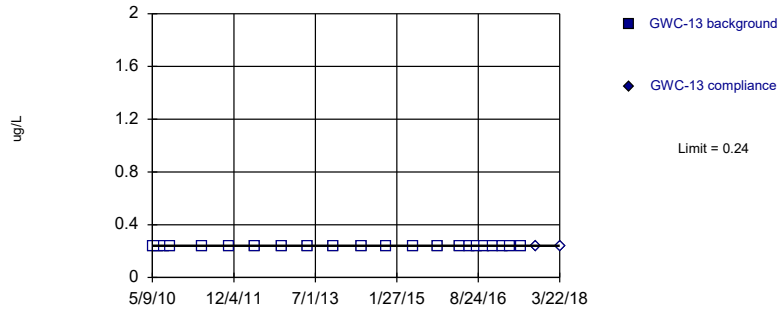
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



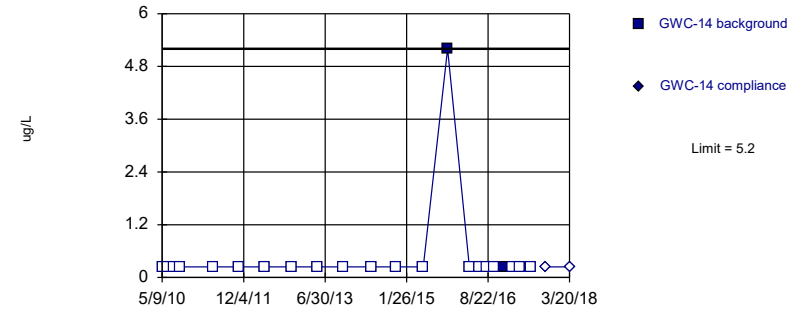
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



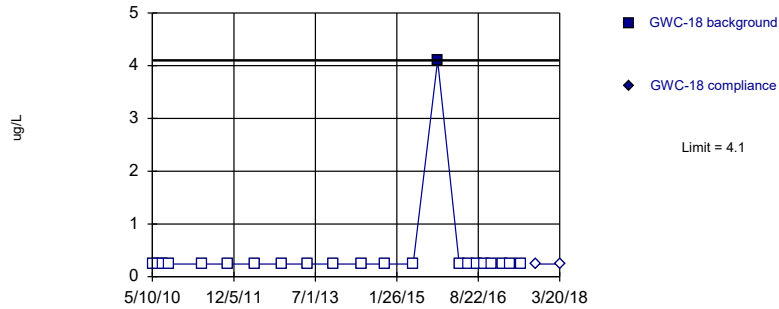
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



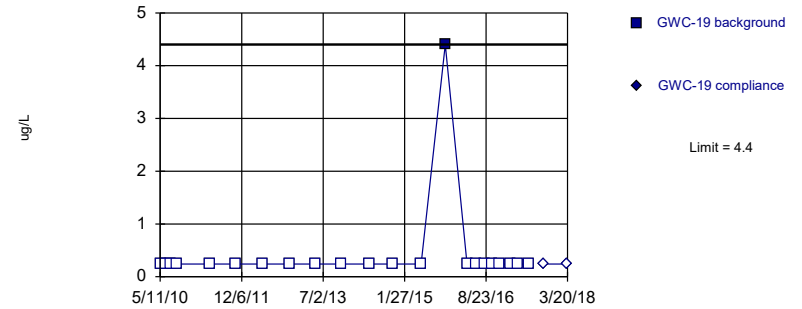
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



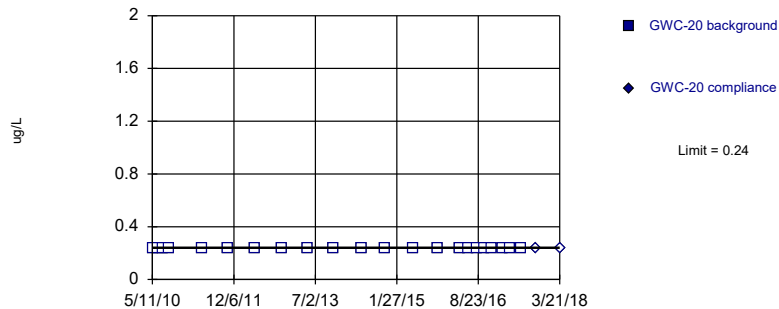
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



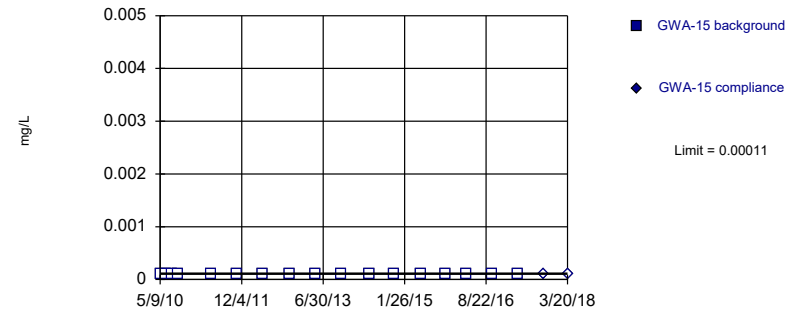
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

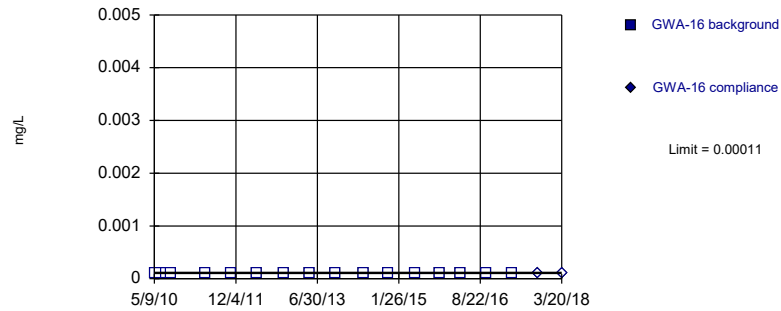


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

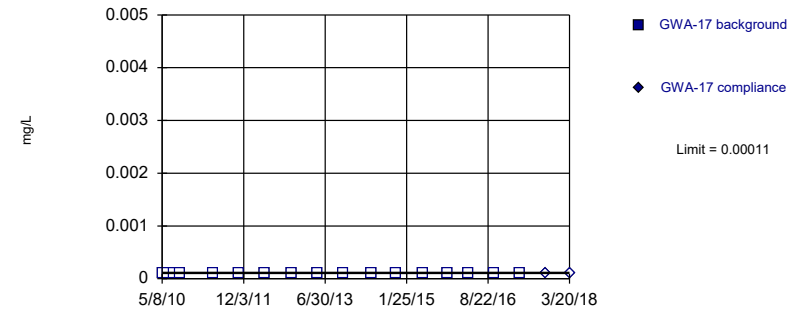


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

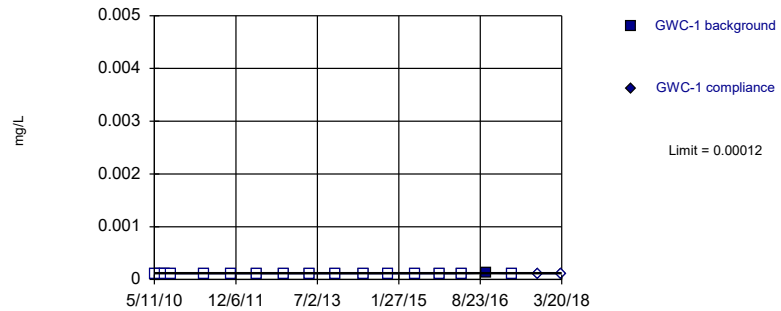


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

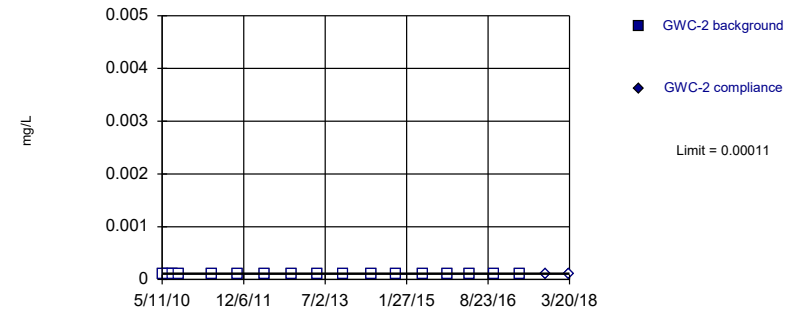


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

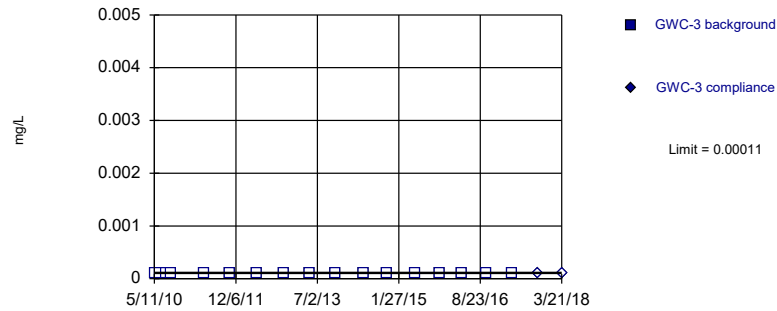
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

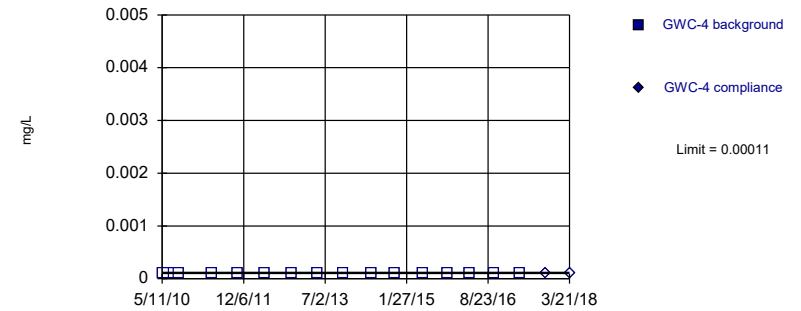
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

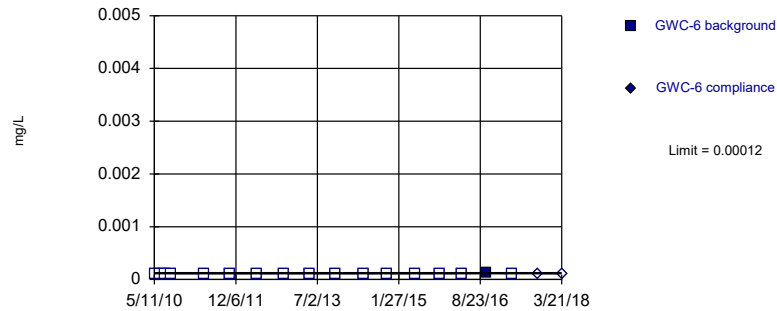
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

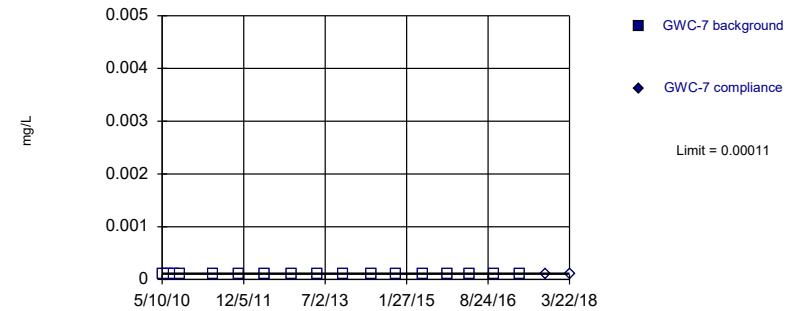
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

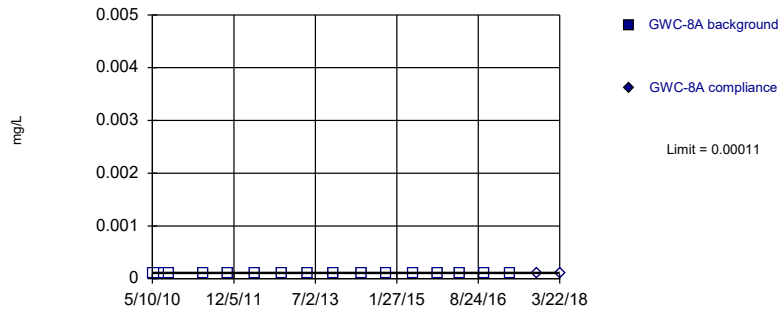


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

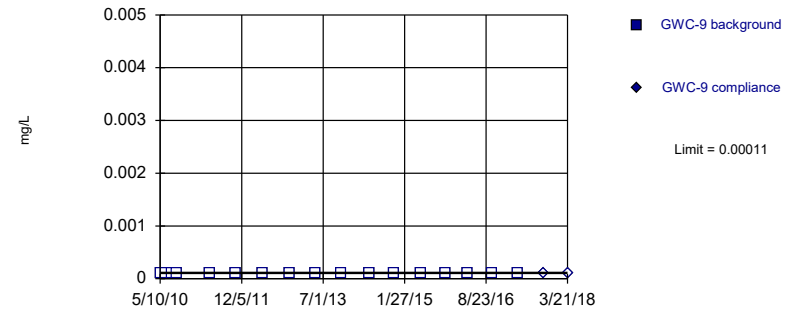


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

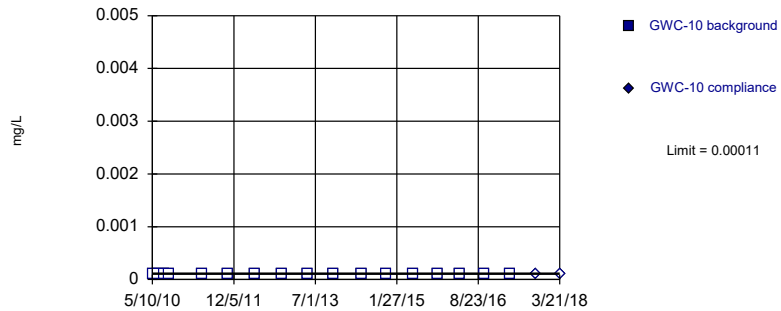


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

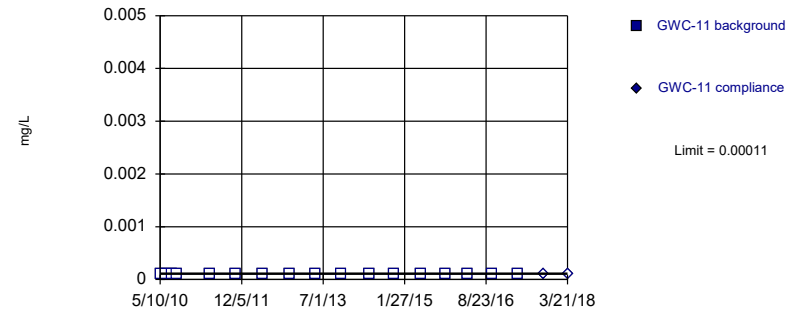


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



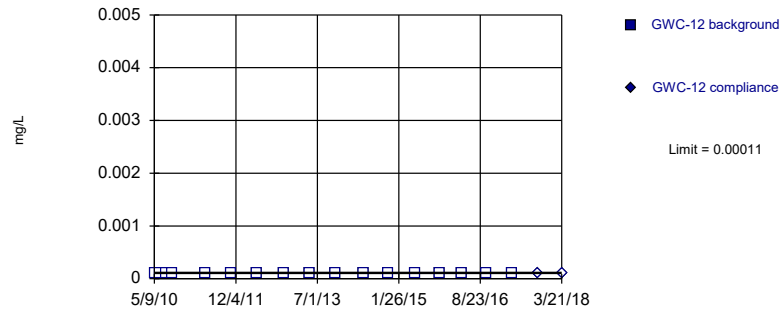
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



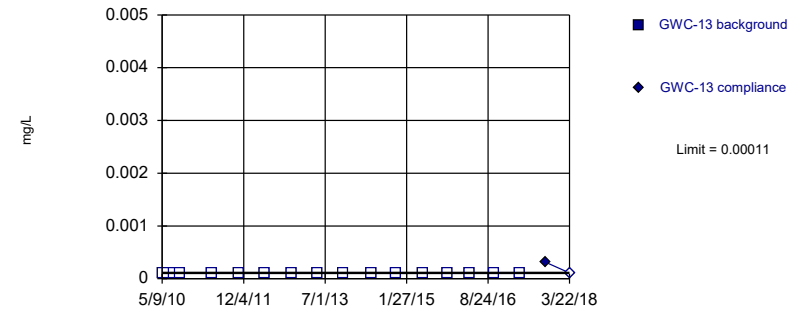
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



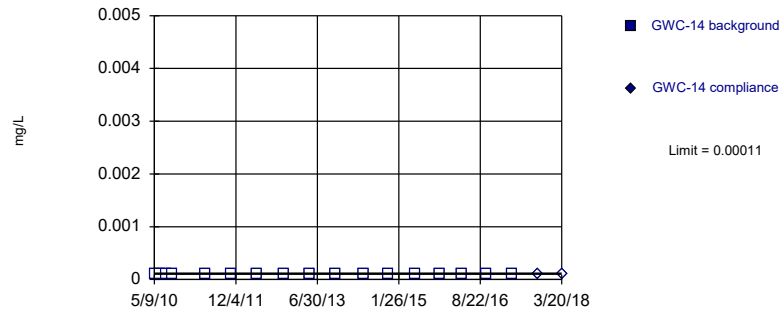
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



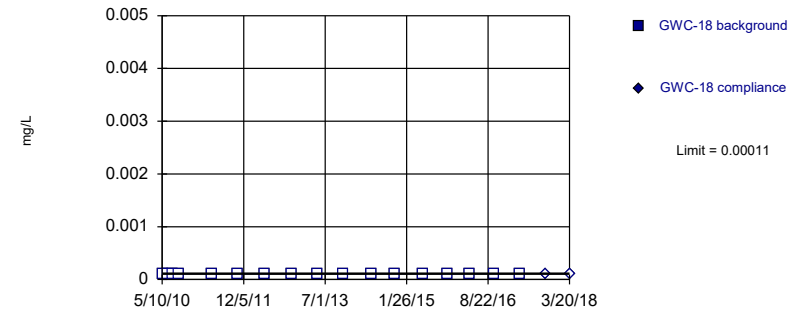
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

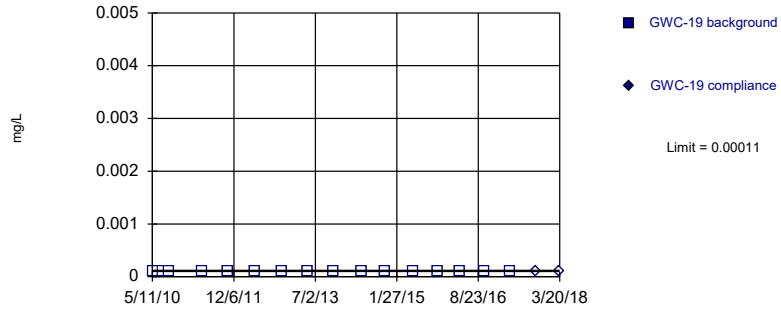


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

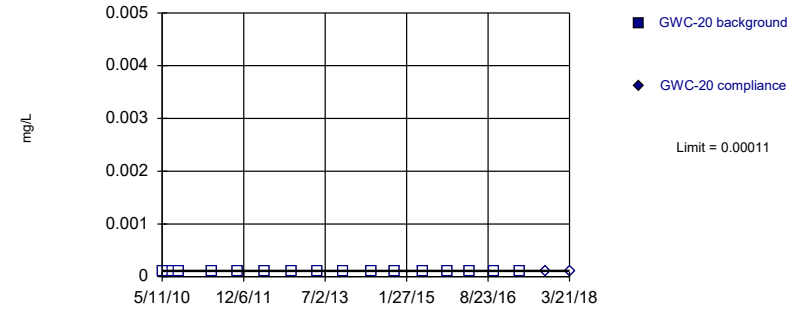


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

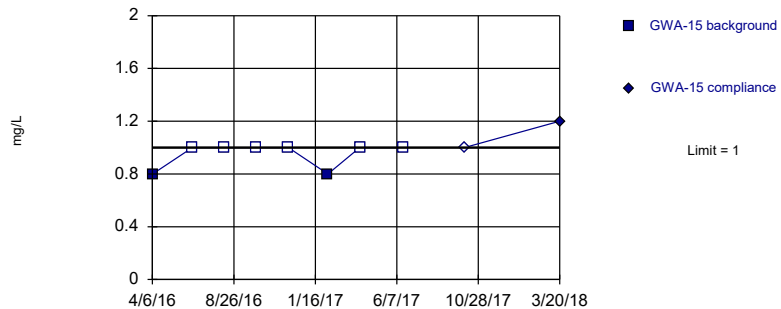


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Exceeds Limit Prediction Limit
Intrawell Non-parametric

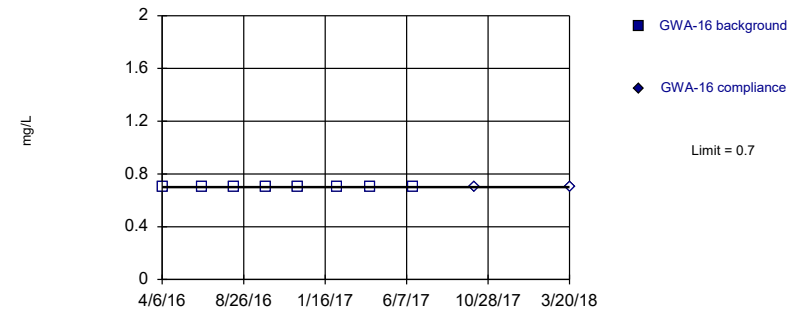


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

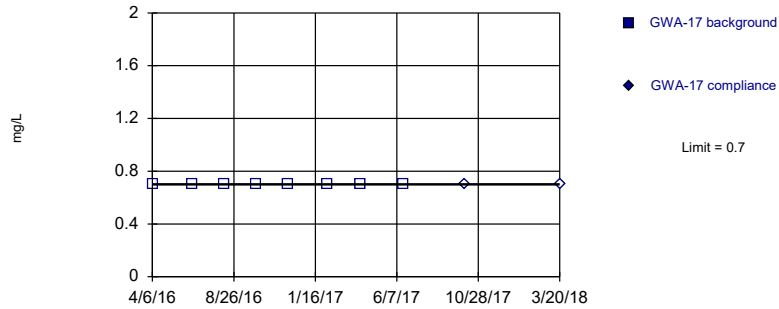


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

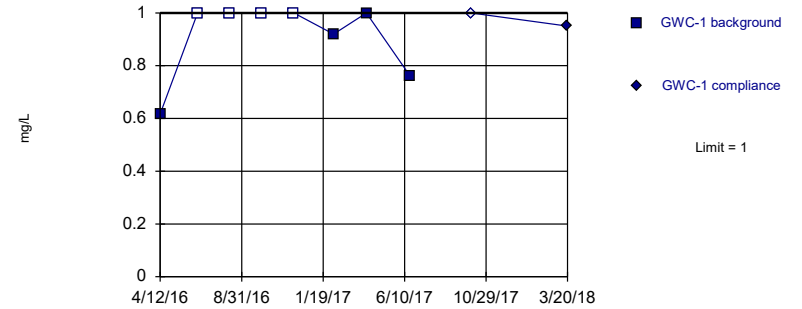


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

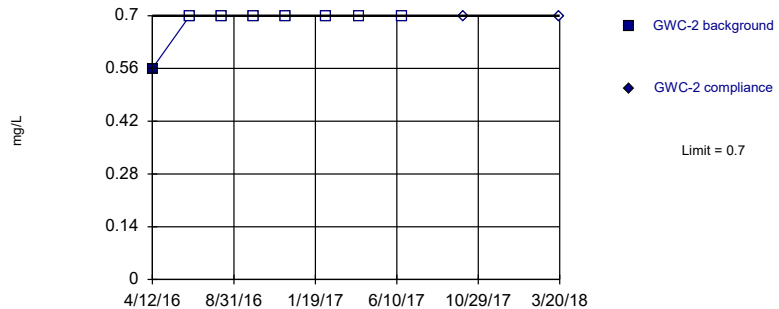


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. 50% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

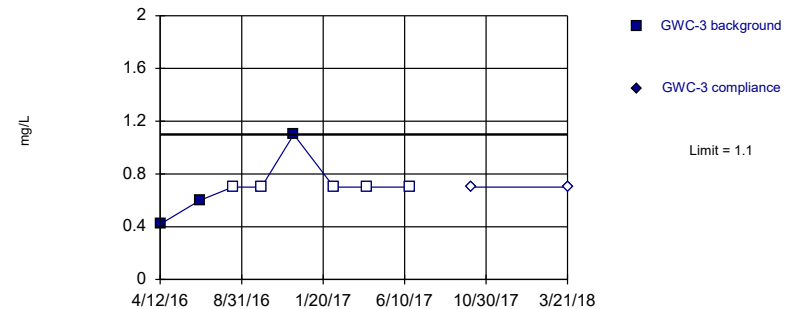


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

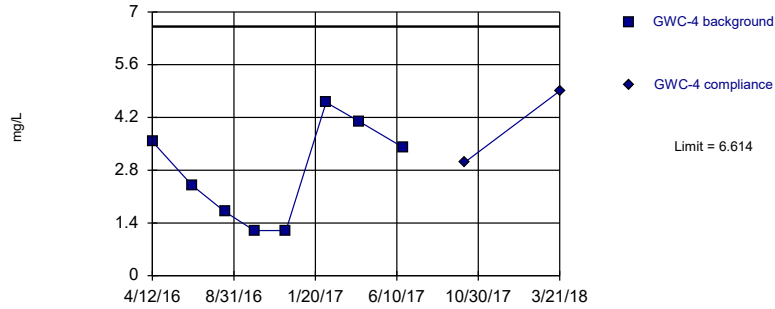


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

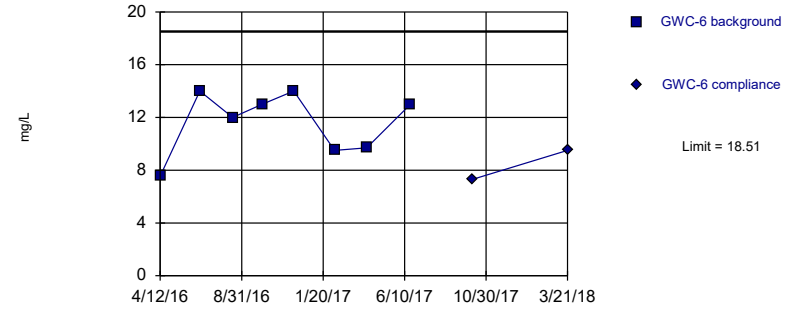


Background Data Summary: Mean=2.77, Std. Dev.=1.328, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9117, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

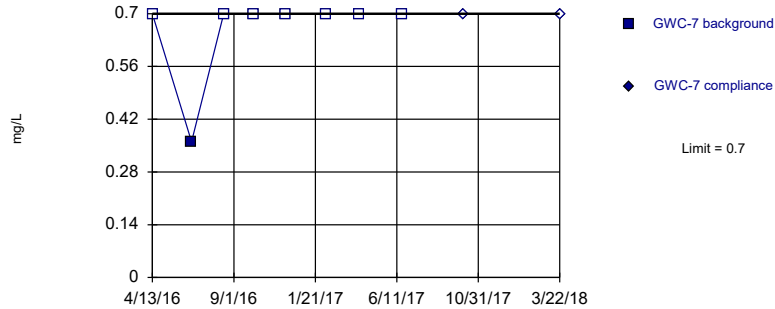


Background Data Summary: Mean=11.59, Std. Dev.=2.391, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8871, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

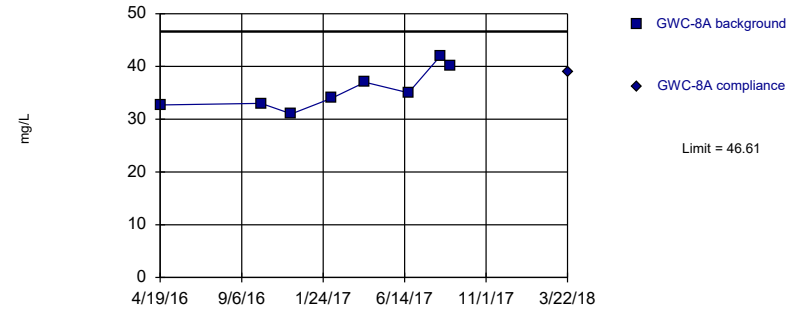


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

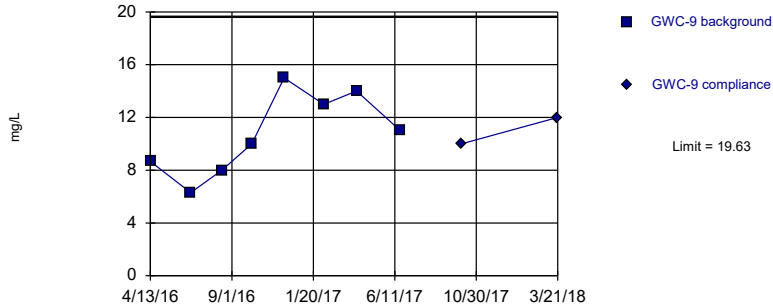


Background Data Summary: Mean=35.59, Std. Dev.=3.808, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9306, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

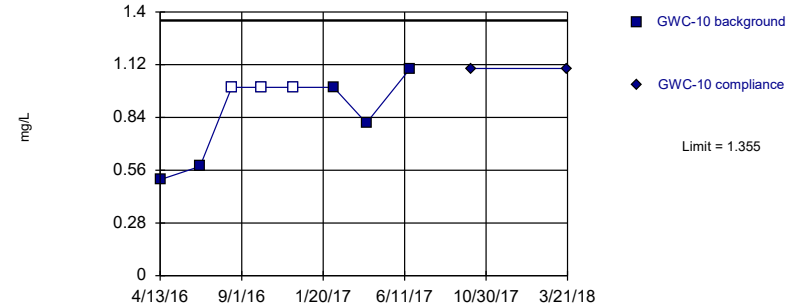


Background Data Summary: Mean=10.75, Std. Dev.=3.072, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9633, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

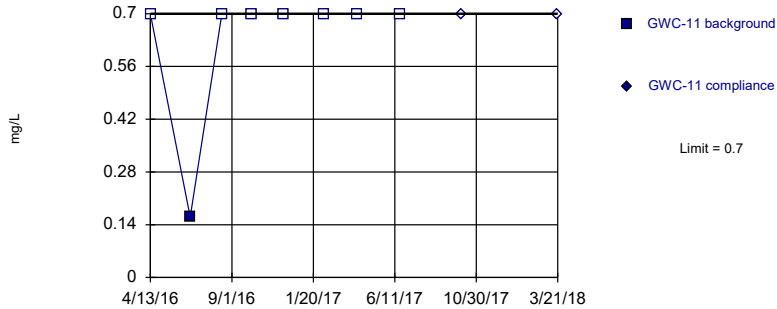


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.7375, Std. Dev.=0.2133, n=8, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8104, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

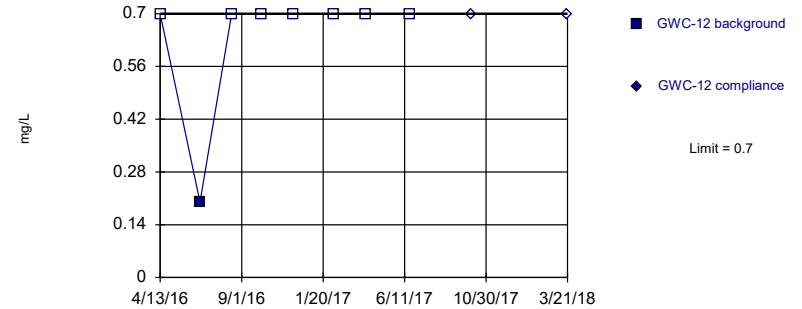


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



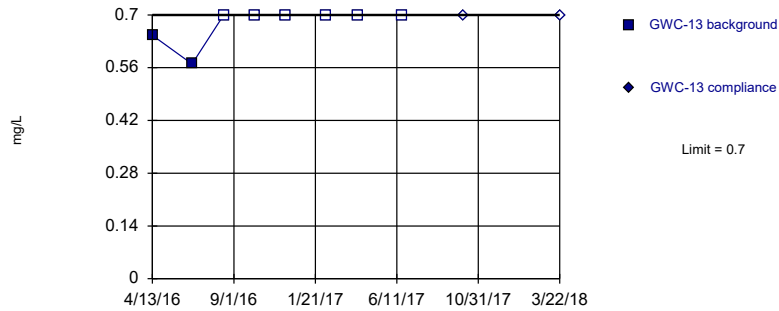
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



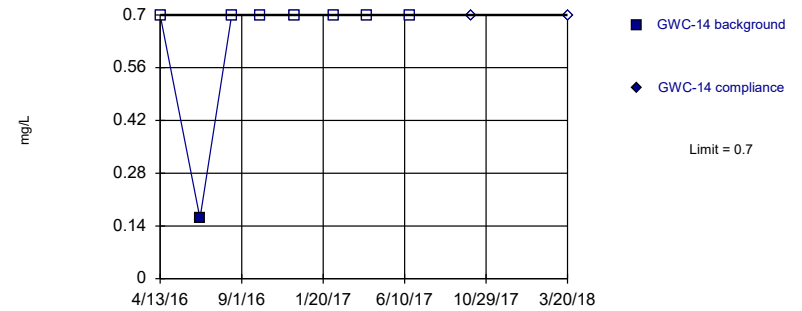
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



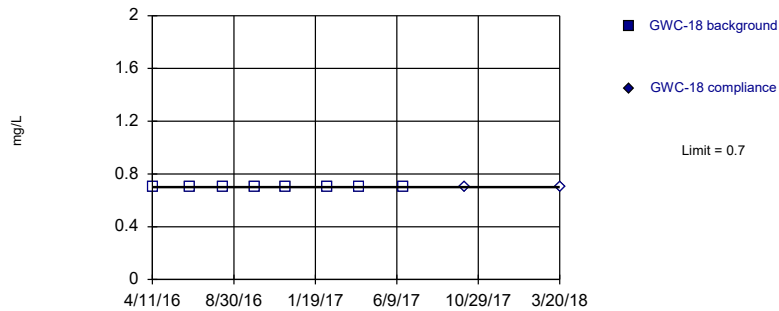
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



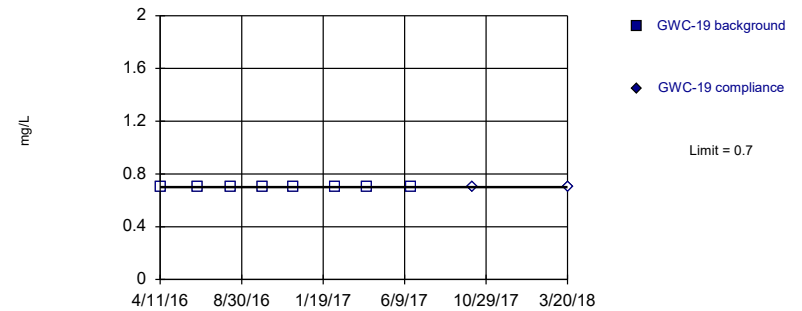
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

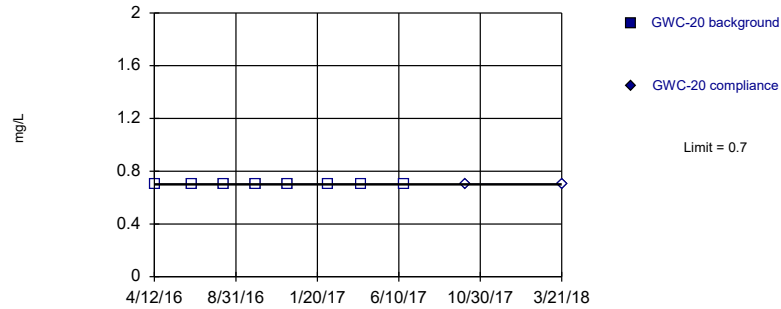
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

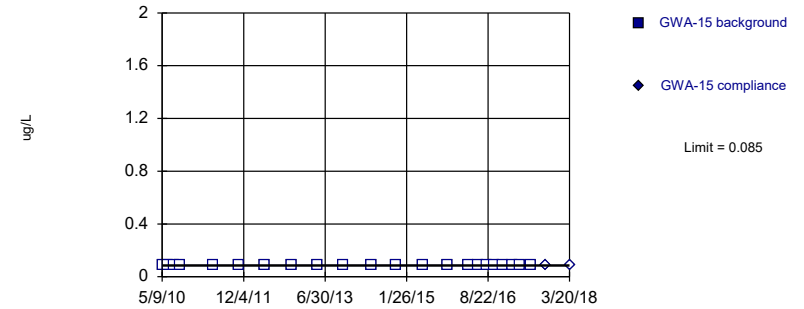
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

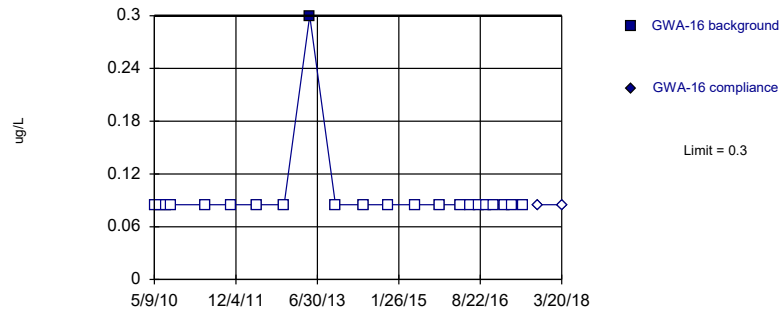
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

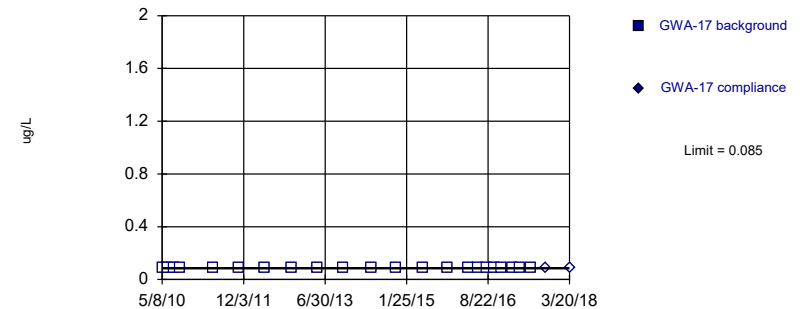
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

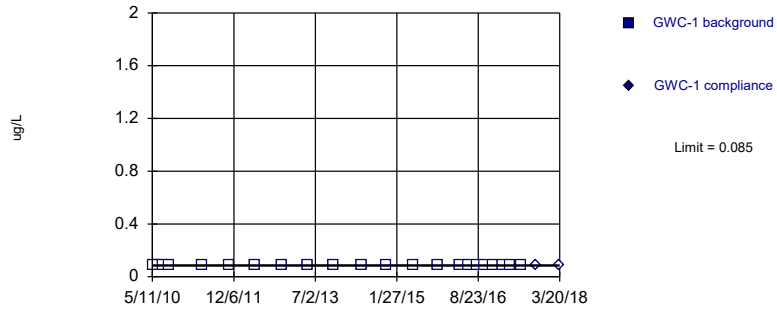
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

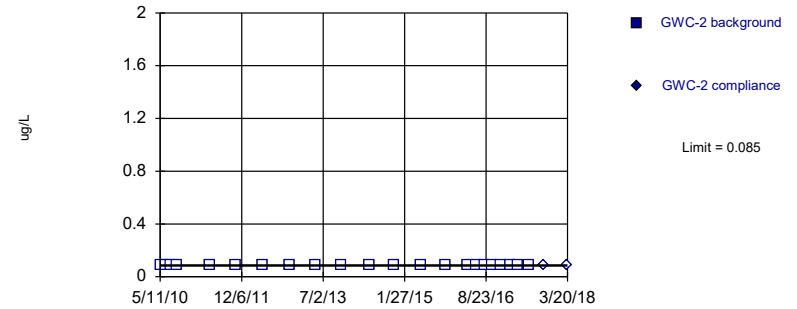
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

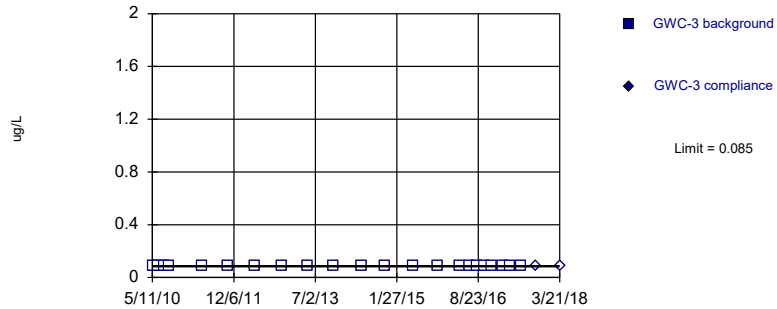
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

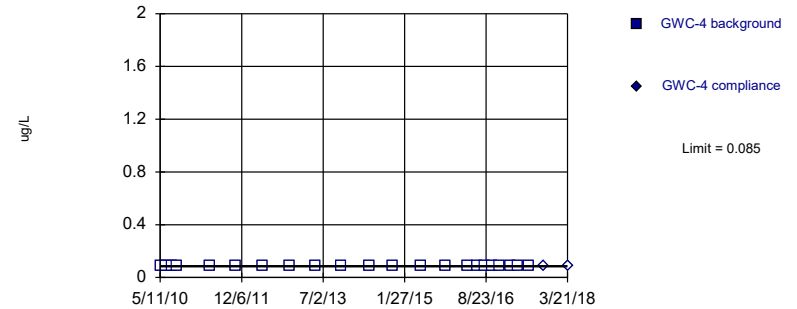
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

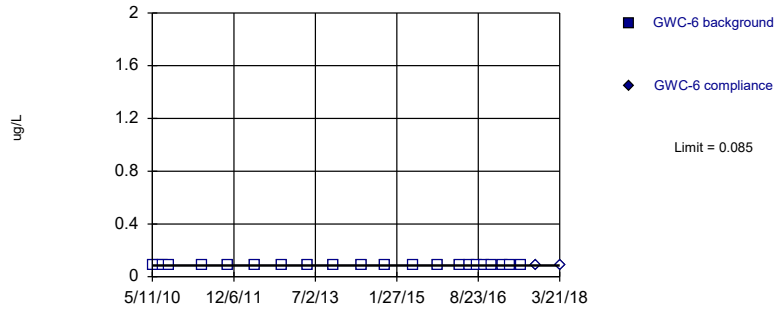


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

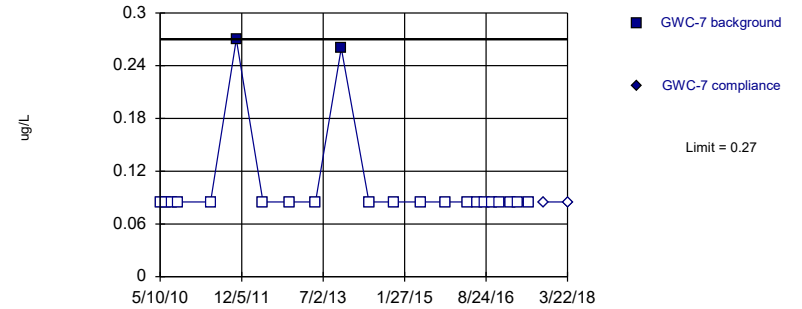


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

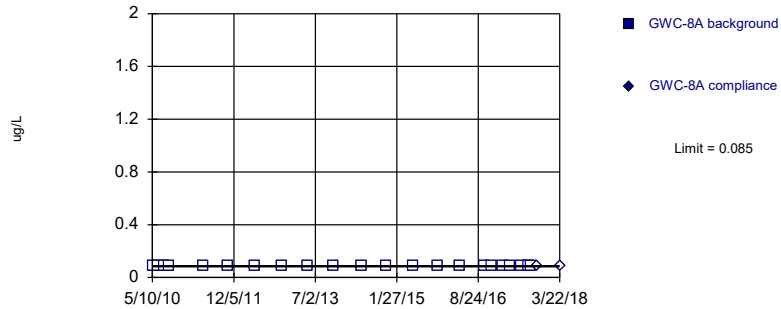


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

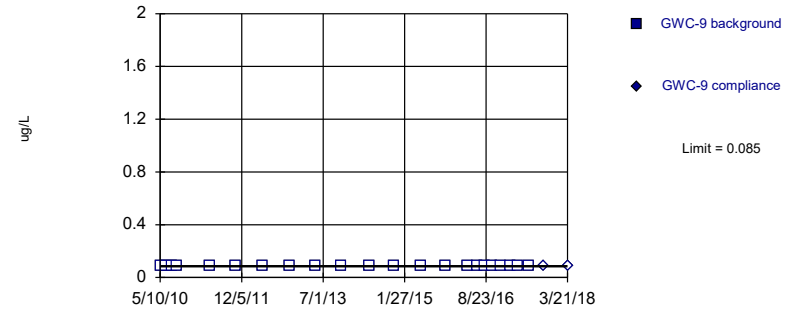


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

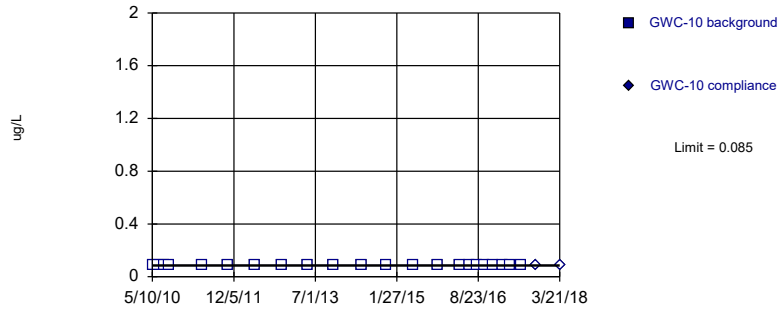


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

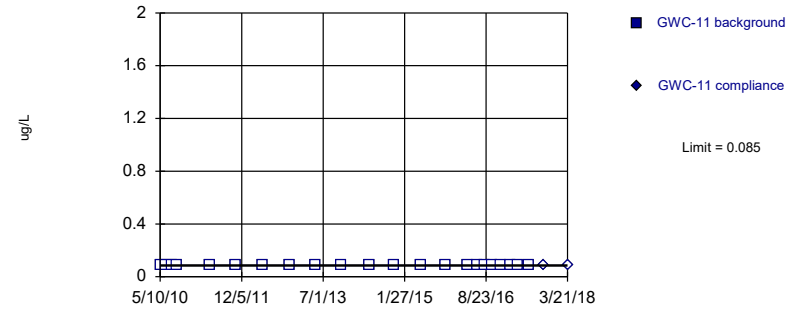


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

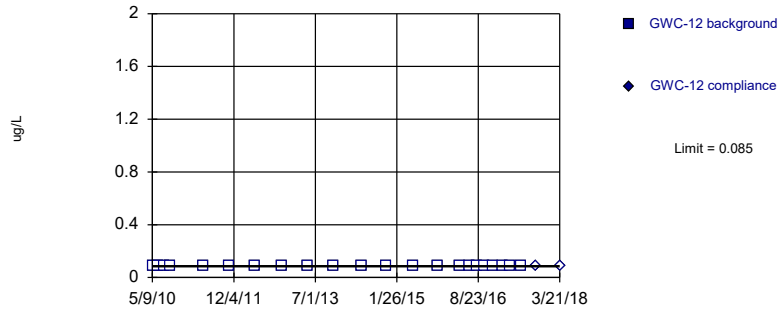


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

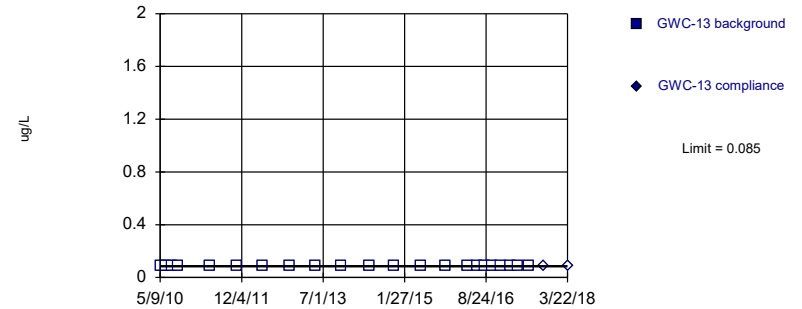


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

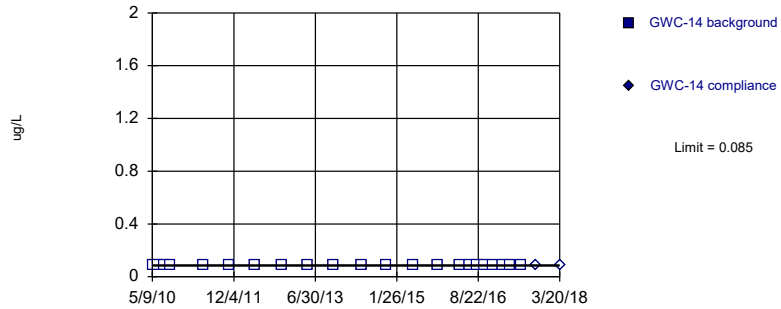
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

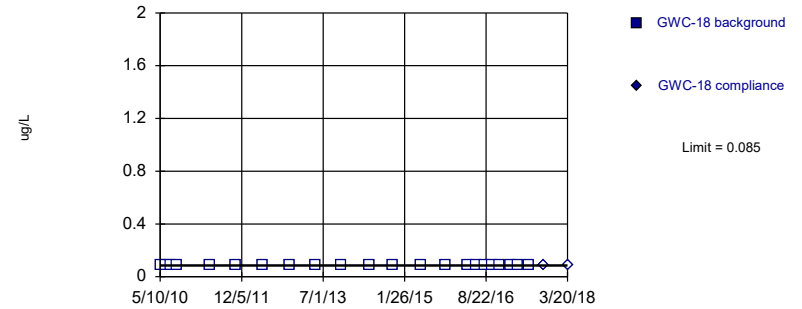
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

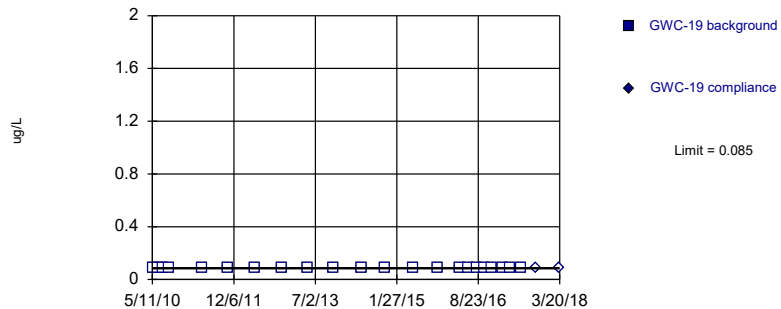
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

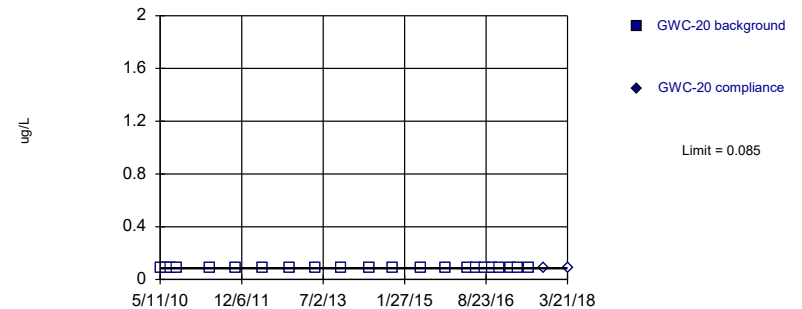
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

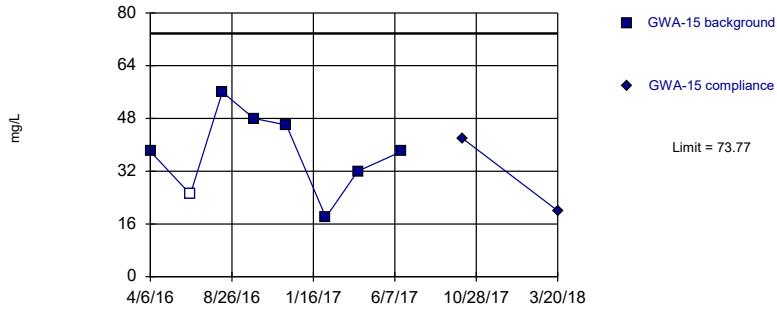
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

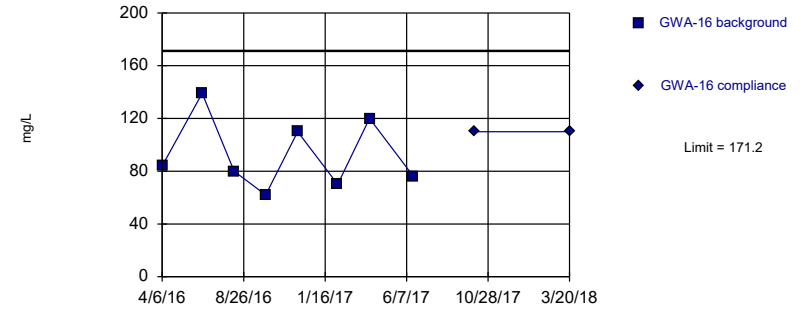
Within Limit Prediction Limit
 Intrawell Parametric



Background Data Summary: Mean=37.63, Std. Dev.=12.49, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9802, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

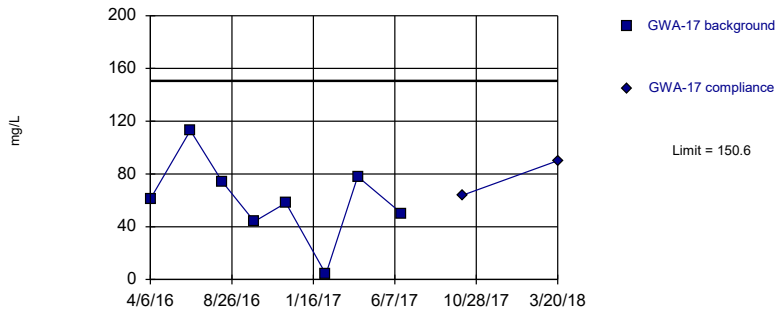
Within Limit Prediction Limit
 Intrawell Parametric



Background Data Summary: Mean=92.63, Std. Dev.=27.16, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9109, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

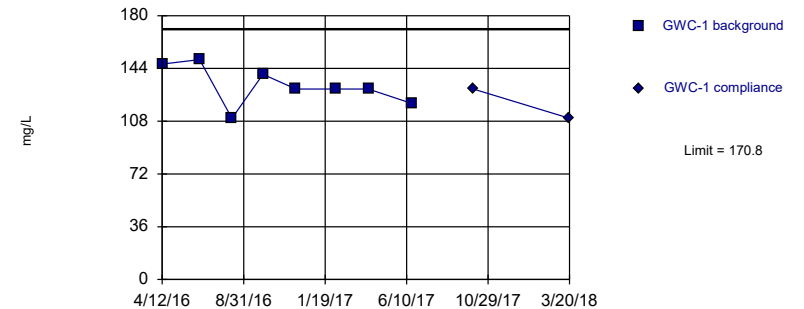
Within Limit Prediction Limit
 Intrawell Parametric



Background Data Summary: Mean=60.25, Std. Dev.=31.23, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9631, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

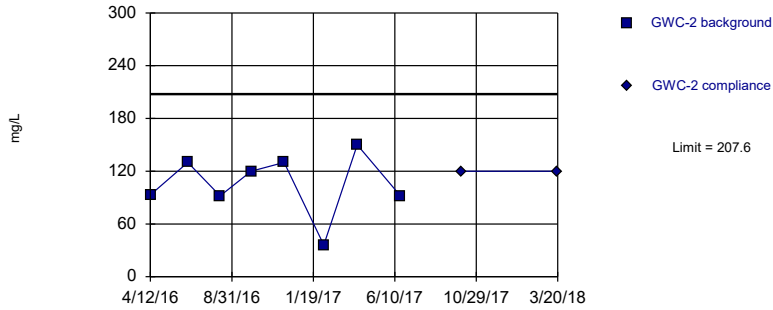
Within Limit Prediction Limit
 Intrawell Parametric



Background Data Summary: Mean=132.1, Std. Dev.=13.38, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9497, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

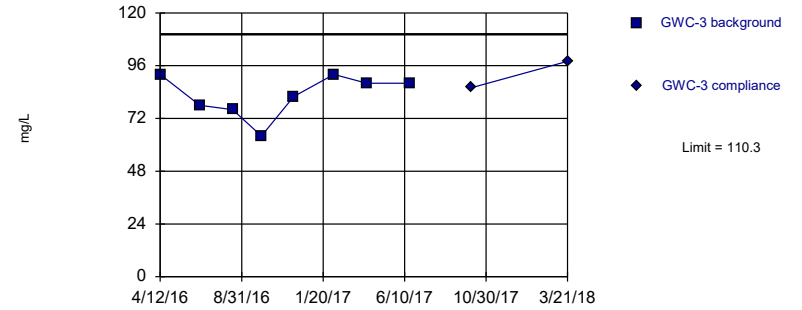
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=105.4, Std. Dev.=35.34, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9092, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

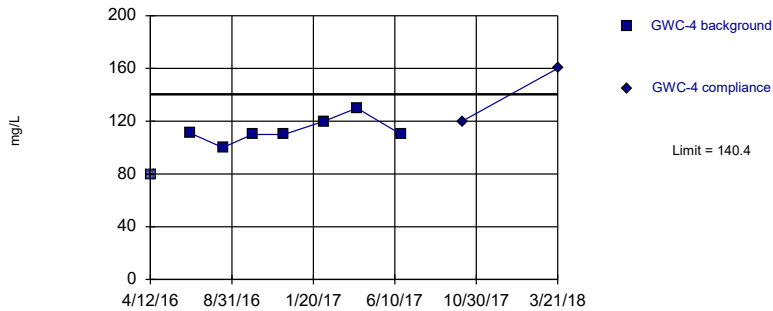
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=82.5, Std. Dev.=9.607, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8982, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

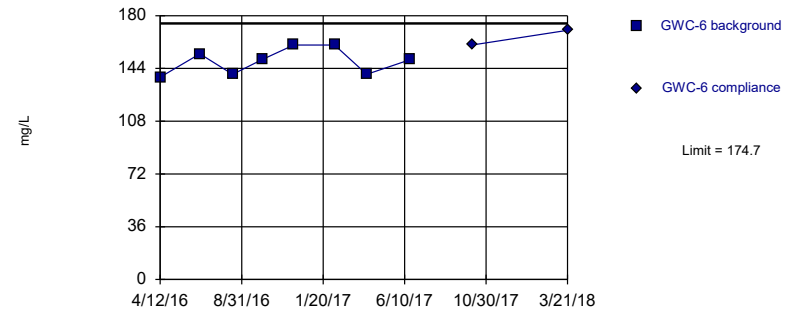
Exceeds Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=113, Std. Dev.=9.469, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.889, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

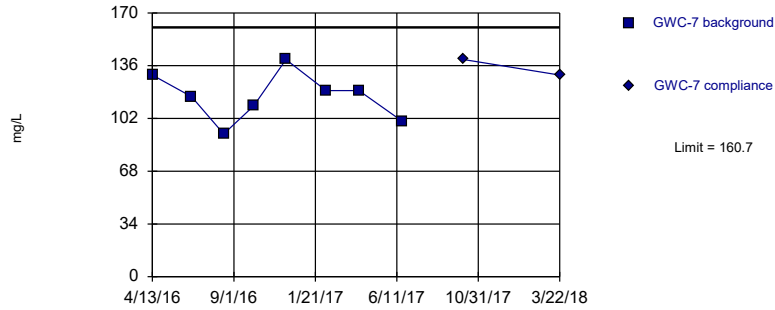
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=149, Std. Dev.=8.88, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8834, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

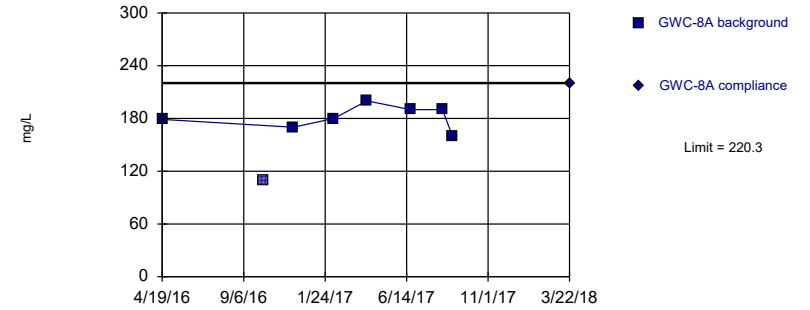
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=116, Std. Dev.=15.46, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9814, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

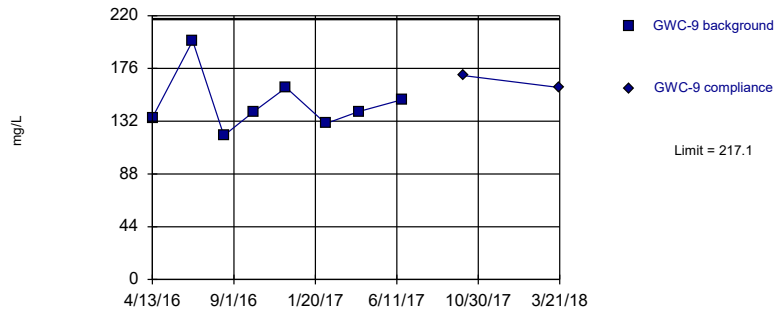
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=181.3, Std. Dev.=13.47, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9716, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

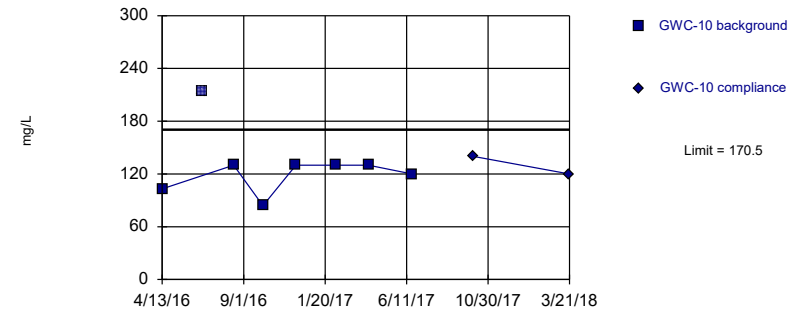
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=146.8, Std. Dev.=24.32, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8669, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

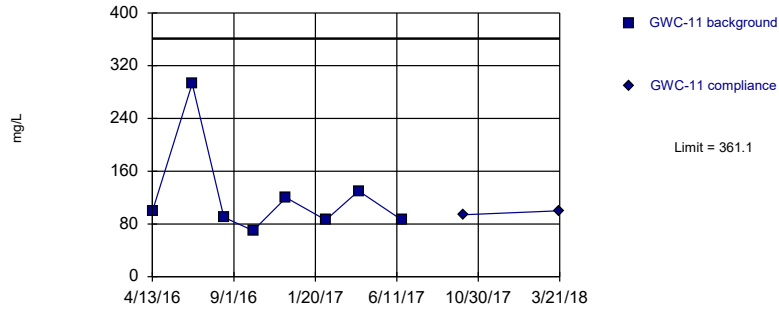
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=118.1, Std. Dev.=18.08, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7464, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

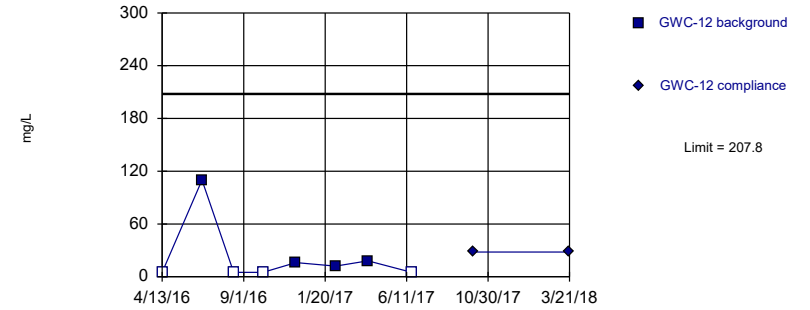
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=4.837, Std. Dev.=0.7892, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7682, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

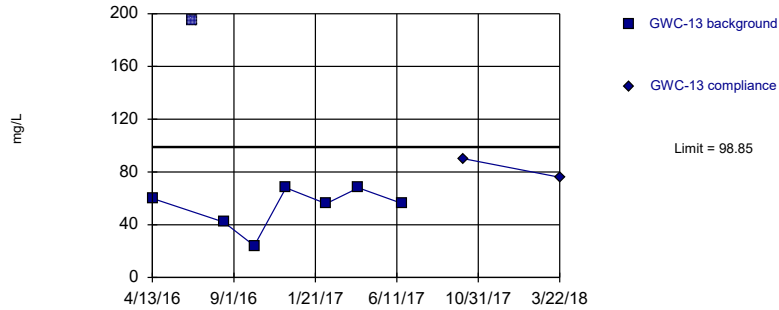
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=2.411, Std. Dev.=1.011, n=8, 50% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7814, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

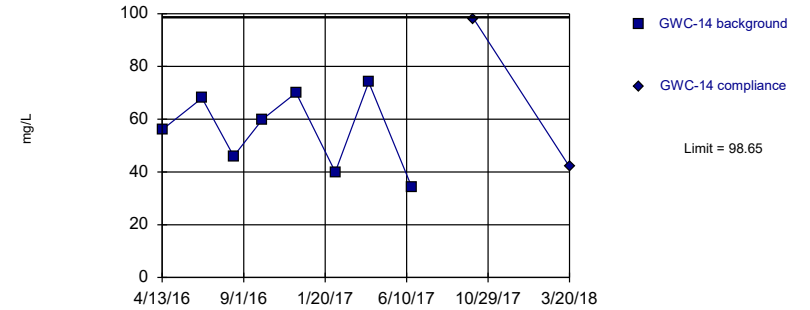
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=53.43, Std. Dev.=15.69, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8705, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

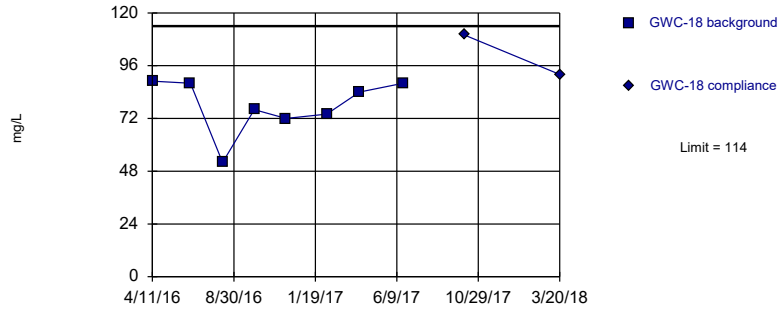
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=56, Std. Dev.=14.74, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.938, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

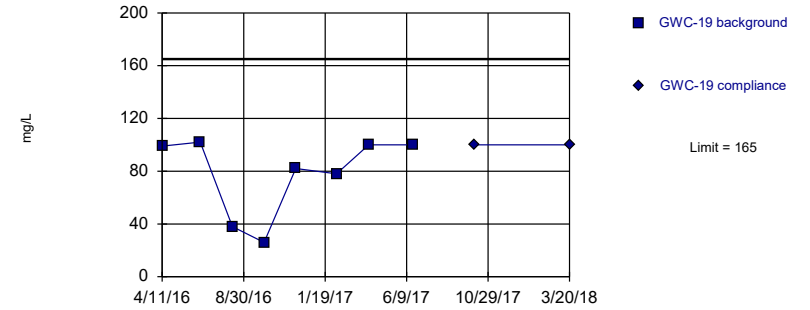
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=77.88, Std. Dev.=12.47, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8456, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

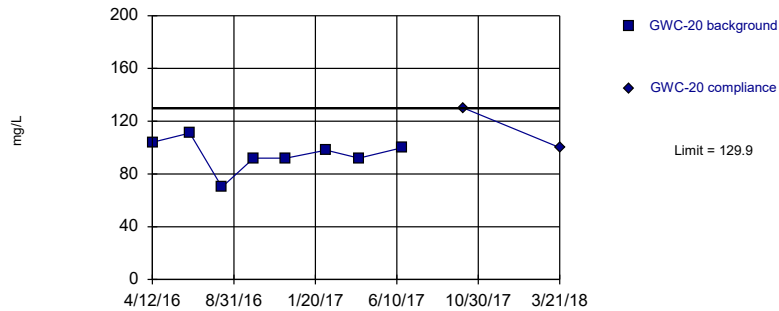
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=78.13, Std. Dev.=30.01, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7861, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

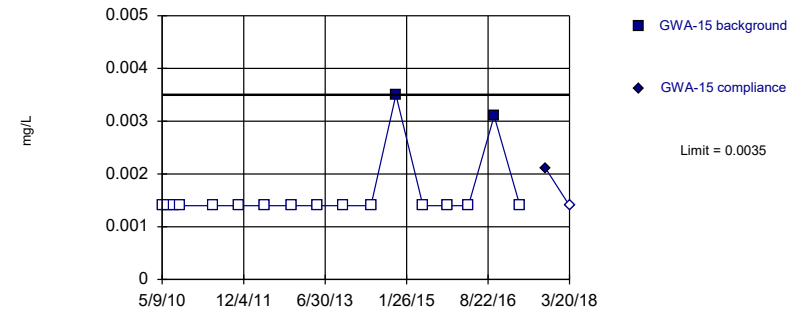
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=94.88, Std. Dev.=12.09, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric



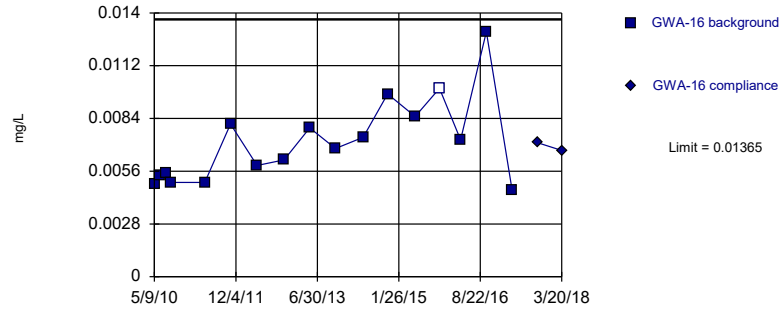
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



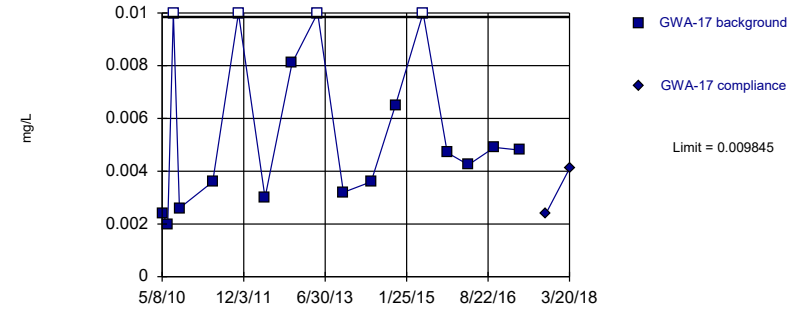
Background Data Summary: Mean=0.007127, Std. Dev.=0.002255, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8996, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



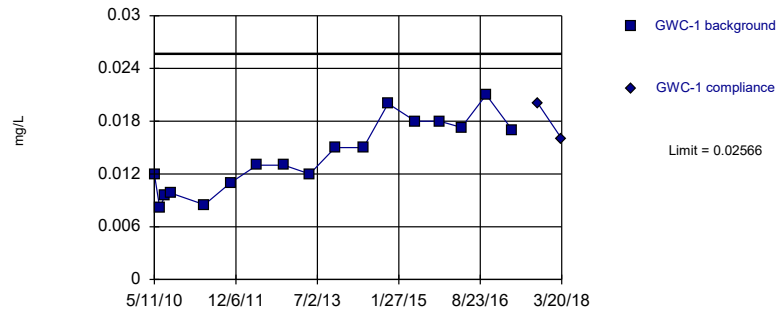
Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.06237, Std. Dev.=0.01273, n=17, 23.53% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8881, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG

Within Limit

Prediction Limit
Intrawell Parametric



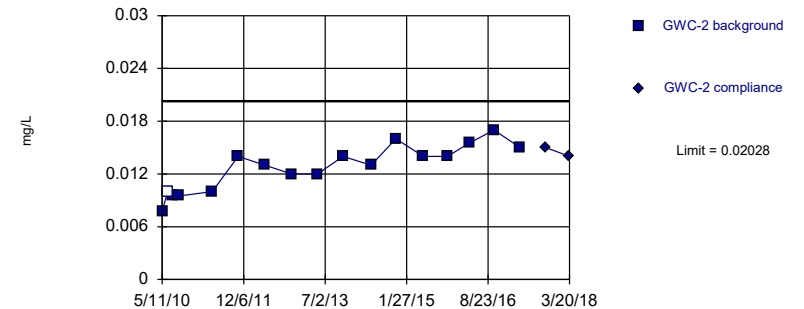
Background Data Summary: Mean=0.01402, Std. Dev.=0.004022, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9514, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
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Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG

Within Limit

Prediction Limit
Intrawell Parametric



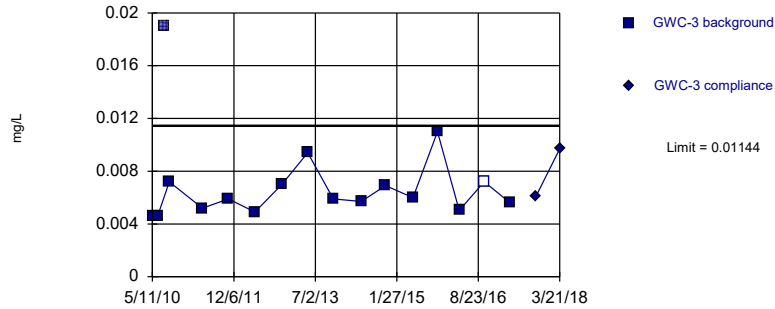
Background Data Summary: Mean=0.01273, Std. Dev.=0.002608, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9563, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



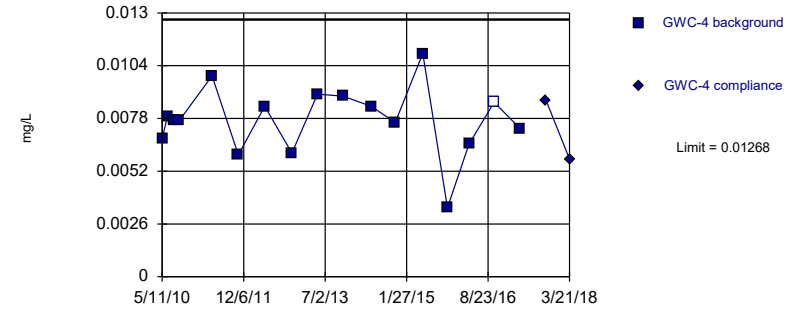
Background Data Summary: Mean=0.006383, Std. Dev.=0.001749, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8444, critical = 0.844. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



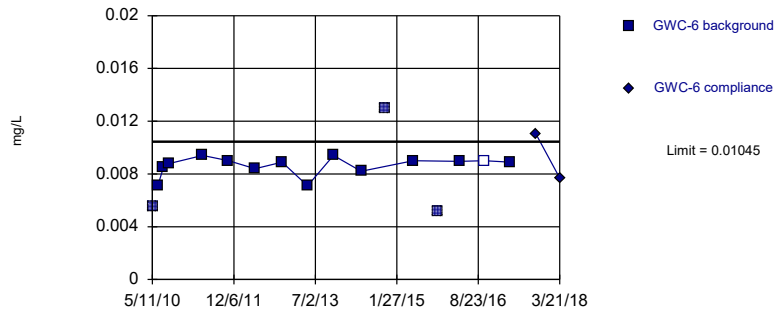
Background Data Summary: Mean=0.00772, Std. Dev.=0.001713, n=17, 5.88% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9617, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



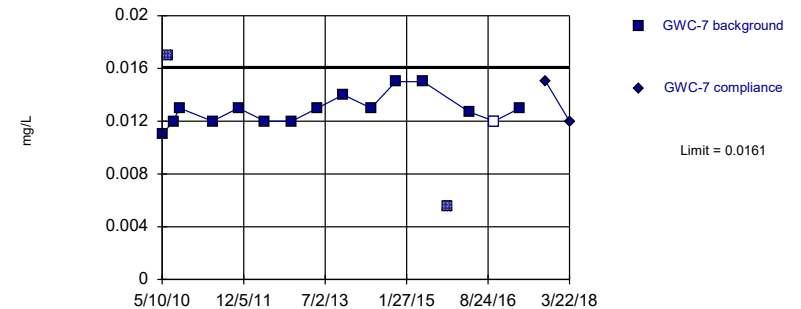
Background Data Summary (based on square transformation): Mean=0.00007477, Std. Dev.=0.00001187, n=14, 7.143% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8343, critical = 0.825. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

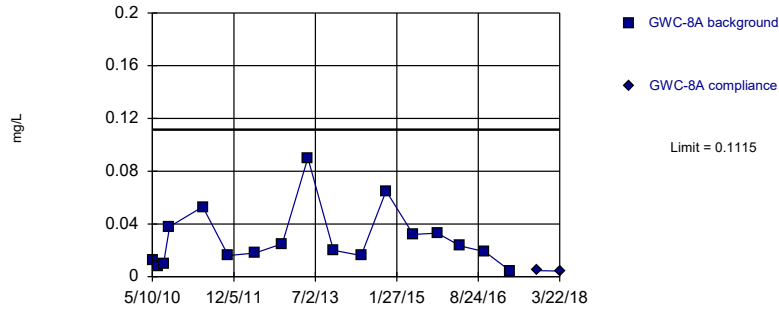
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01285, Std. Dev.=0.001126, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8908, critical = 0.835. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

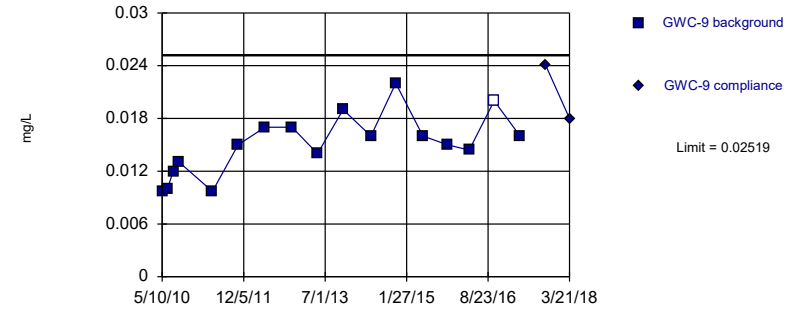
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.1579, Std. Dev.=0.06083, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9474, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

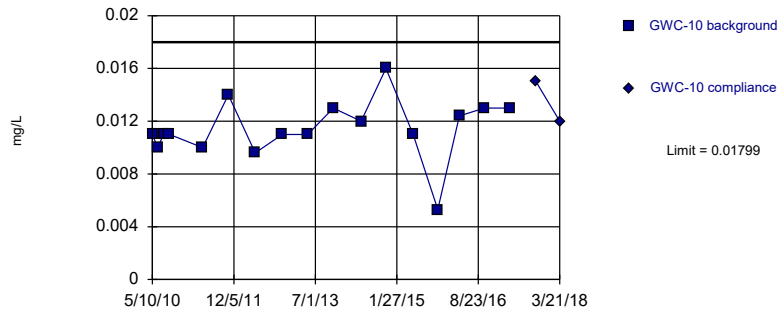
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01505, Std. Dev.=0.003504, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9615, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

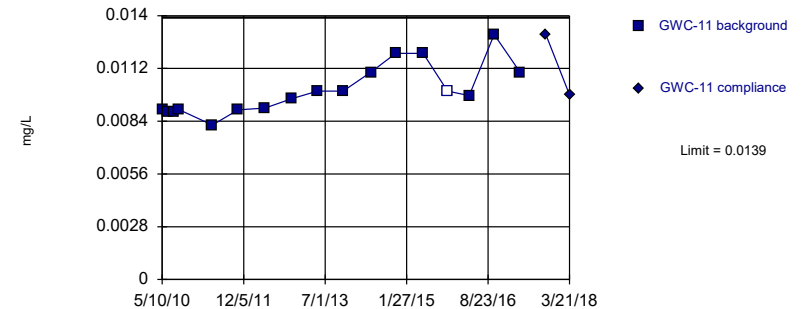
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01143, Std. Dev.=0.002268, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9088, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Parametric

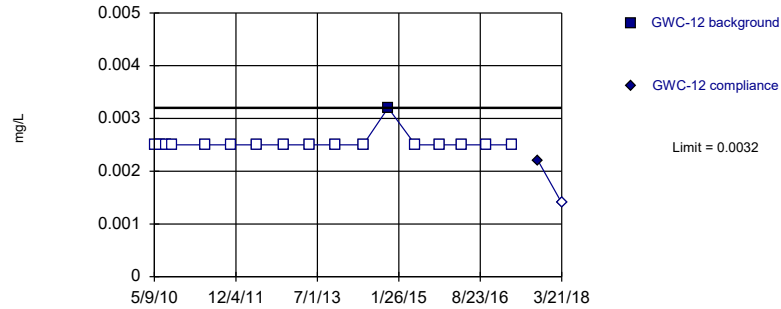


Background Data Summary: Mean=0.01003, Std. Dev.=0.001339, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8998, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

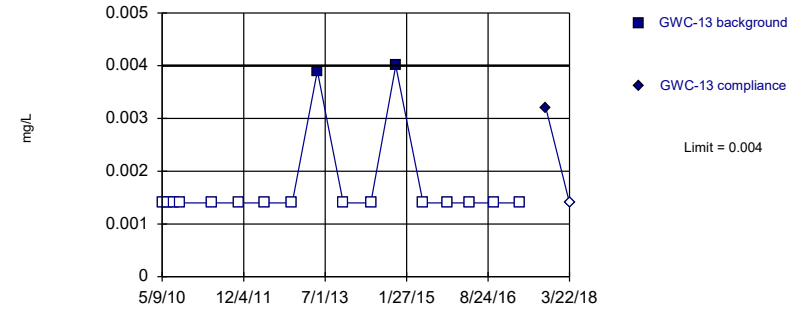


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

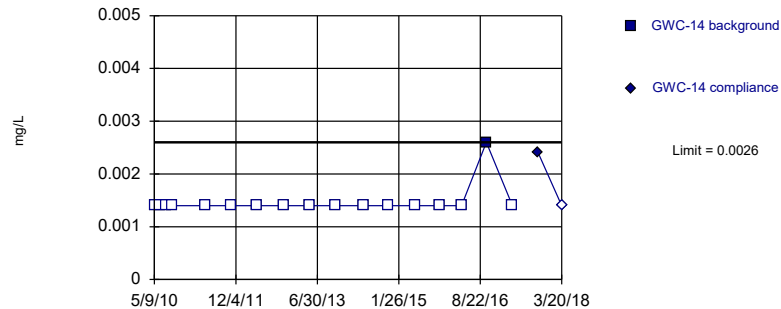


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

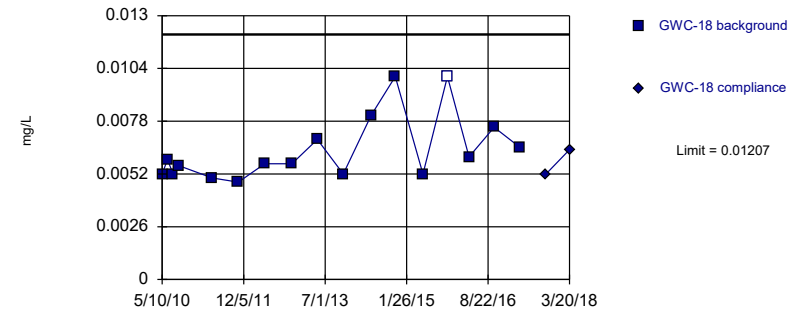


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

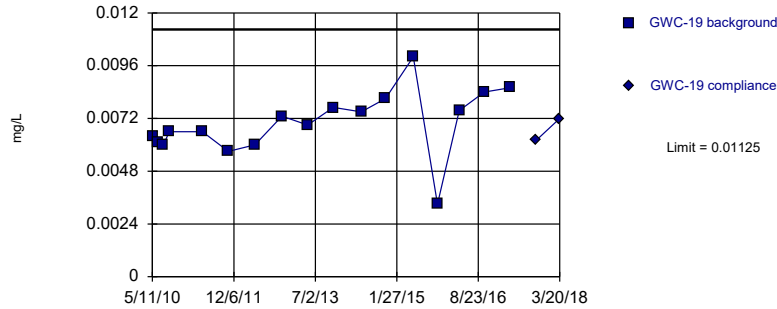


Background Data Summary (based on natural log transformation): Mean=-5.08, Std. Dev.=0.2293, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8616, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

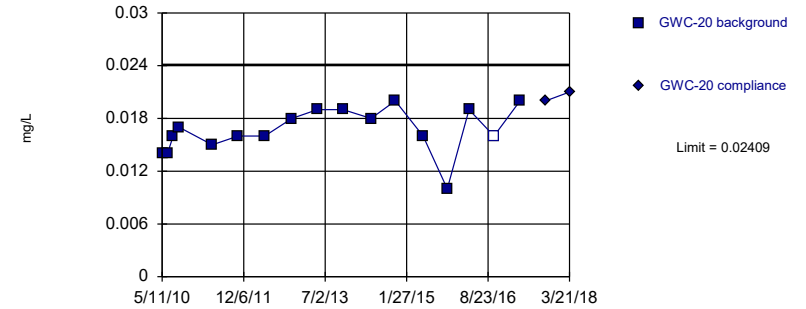


Background Data Summary: Mean=0.006986, Std. Dev.=0.001474, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9573, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

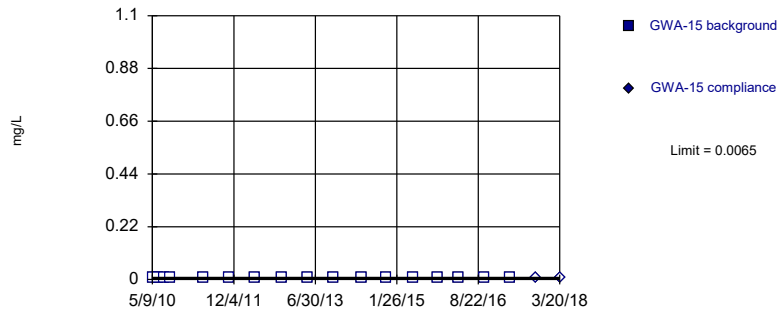


Background Data Summary: Mean=0.01665, Std. Dev.=0.002572, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9176, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

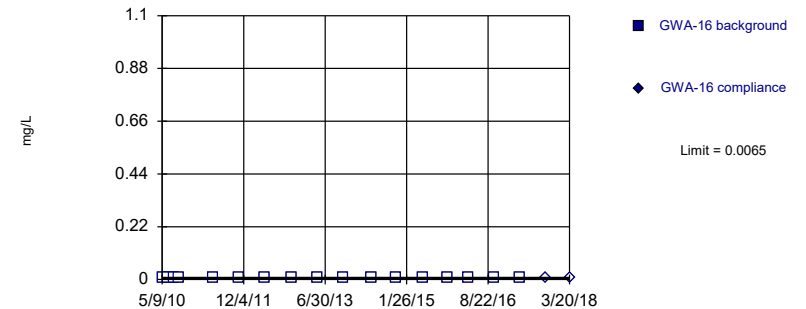


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

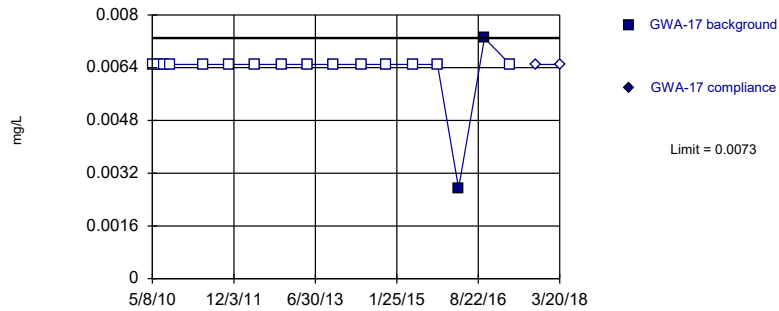


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

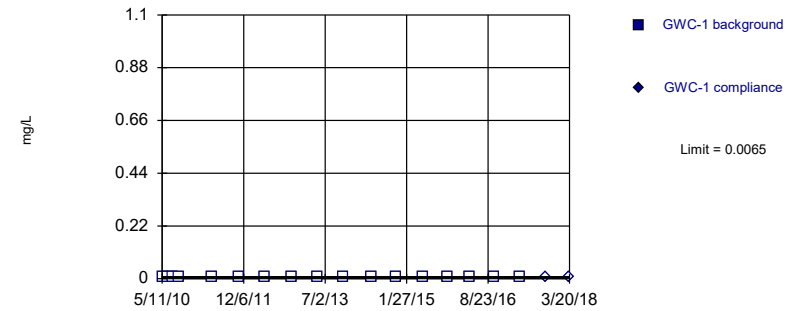


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

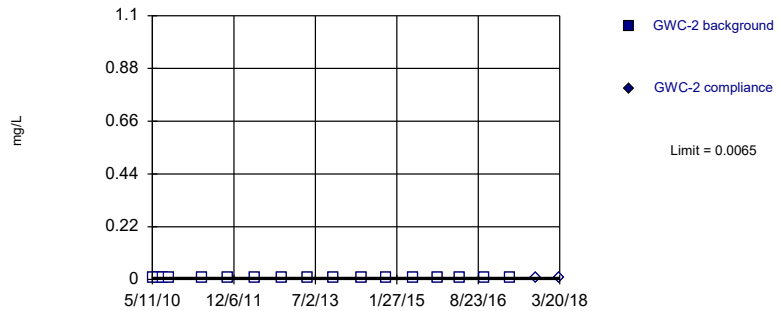


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

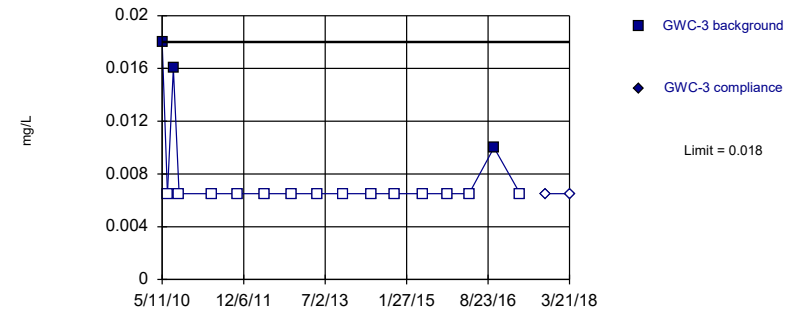


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

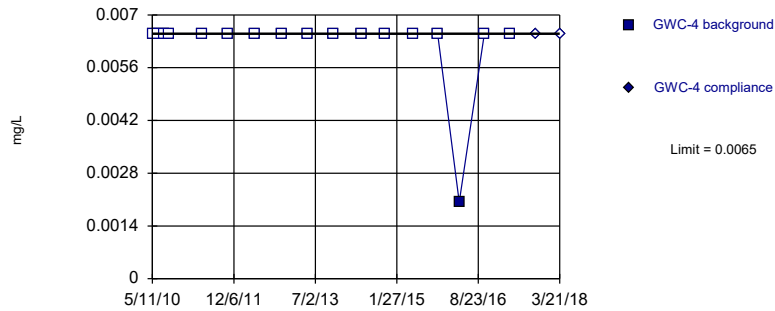


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

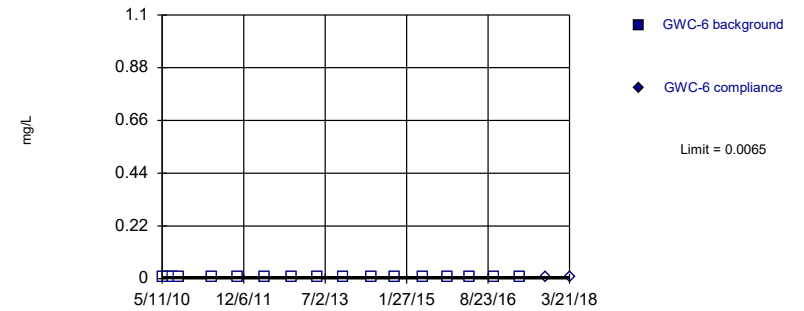


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

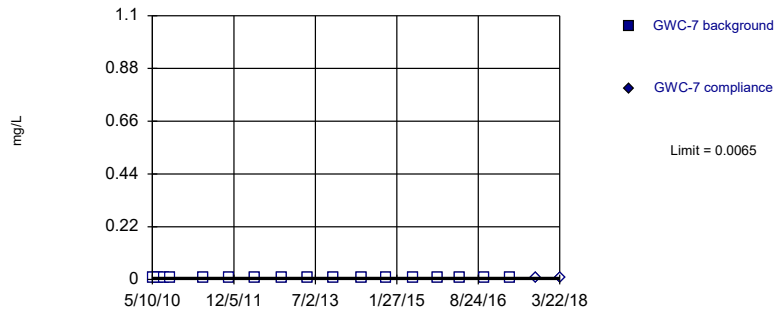


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

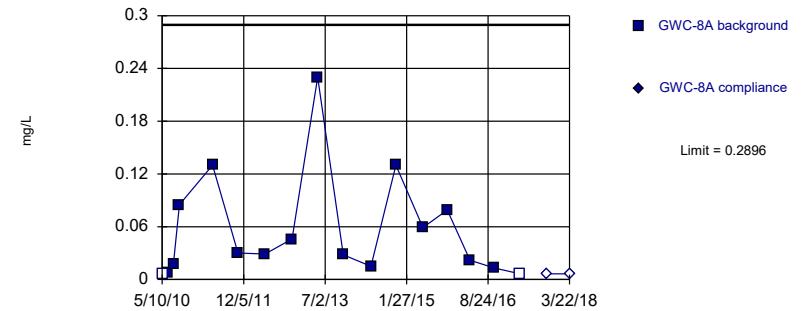


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

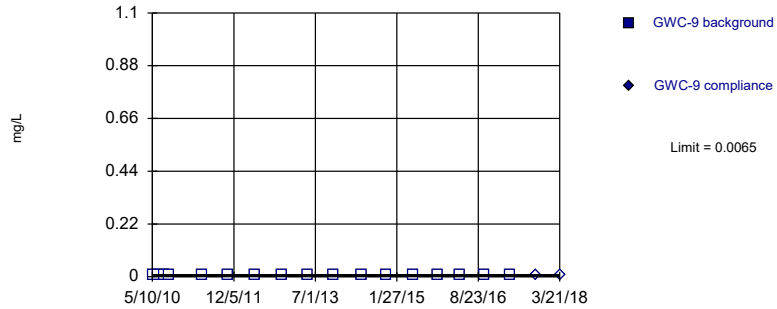
Prediction Limit
Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.2063, Std. Dev.=0.1146, n=17, 11.76% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.902, critical = 0.851. Kappa overridden to 2.894.

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

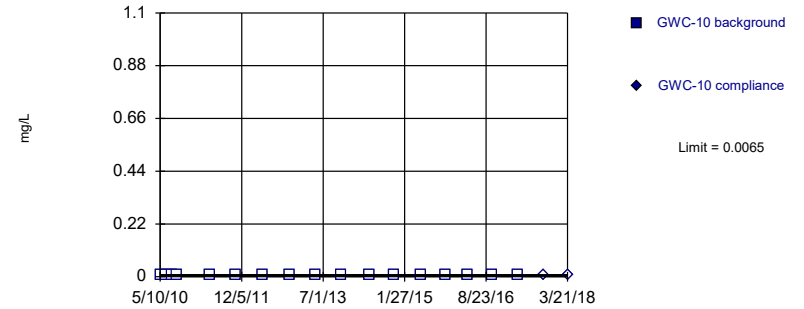
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

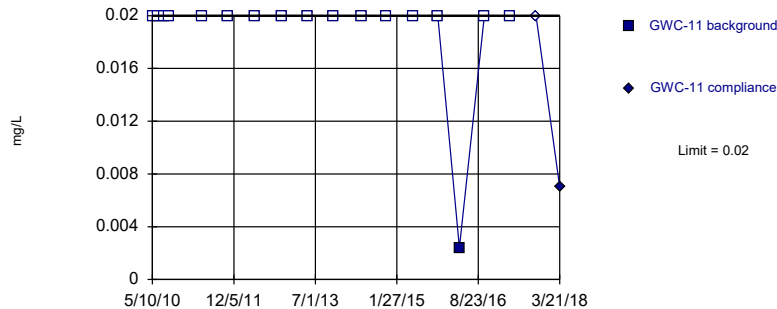
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

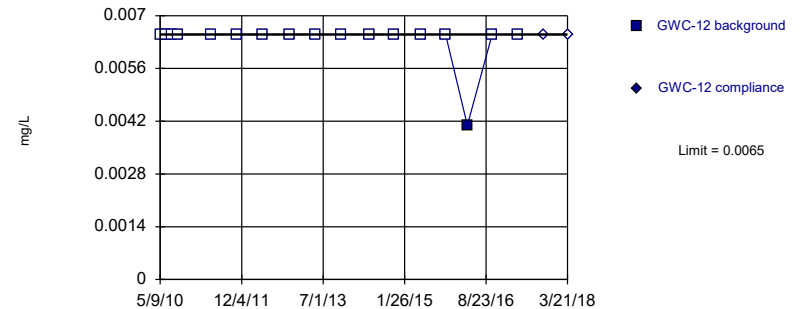
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric



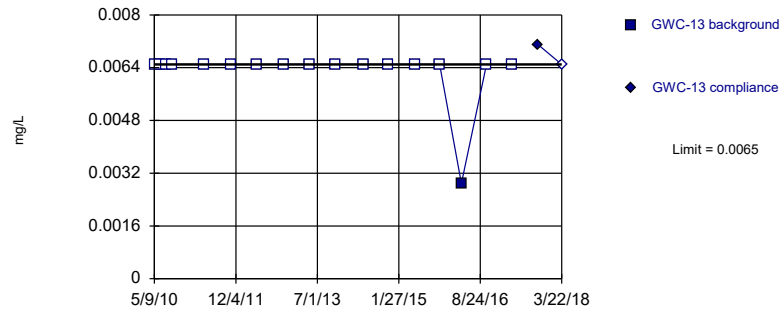
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



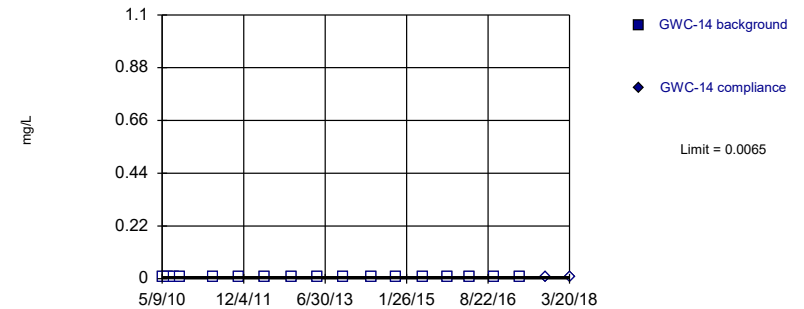
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



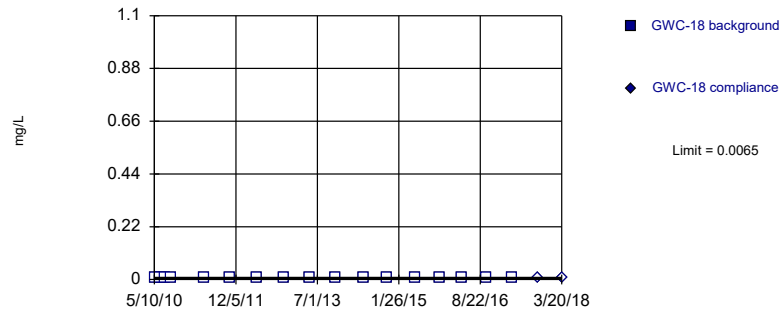
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



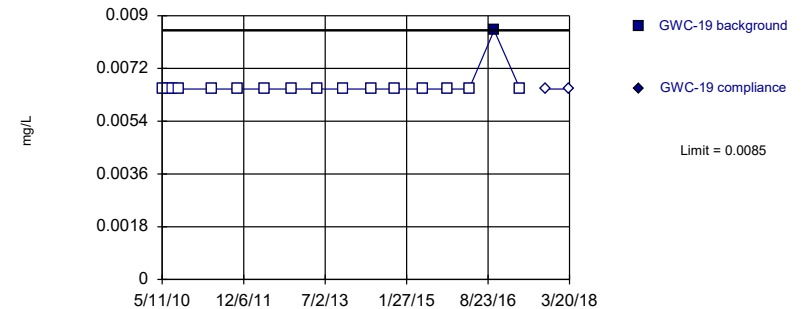
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

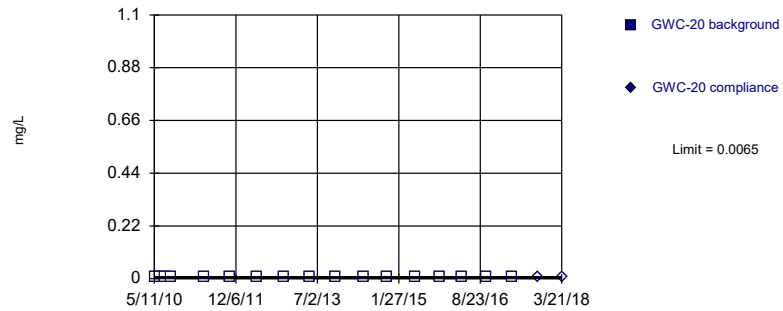


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:27 AM

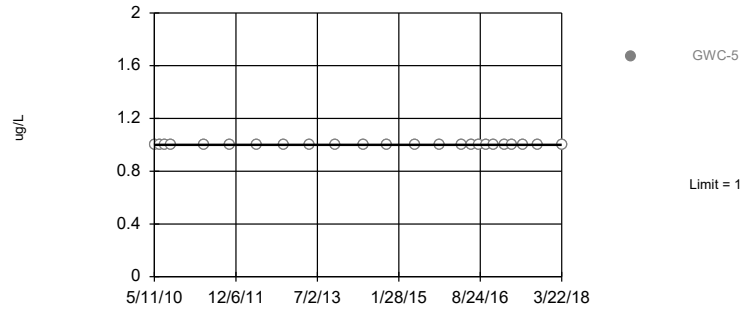
<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Boron (mg/L)	GWC-5	0.021	n/a	3/22/2018	0.48	Yes	30	96.67	n/a	0.001781	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-5	16.77	n/a	3/22/2018	130	Yes	30	0	x^(1/3)	0.000...	Param Inter 1 of 2
Chloride (mg/L)	GWC-5	5.6	n/a	3/22/2018	74	Yes	30	0	n/a	0.001781	NP Inter (normality) ...
Selenium, Total (ug/L)	GWC-5	4.4	n/a	3/22/2018	38	Yes	72	91.67	n/a	0.000...	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-5	1.15	n/a	3/22/2018	400	Yes	30	90	n/a	0.001781	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-5	141.2	n/a	3/22/2018	1000	Yes	30	3.333	No	0.000...	Param Inter 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:27 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony, Total (ug/L)	GWC-5	1	n/a	3/22/2018	1ND	No	72	98.61	n/a	0.000...	NP Inter (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-5	0.46	n/a	3/22/2018	0.46	No	72	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Barium, Total (ug/L)	GWC-5	48	n/a	3/22/2018	48	No	72	2.778	n/a	0.000...	NP Inter (normality) ...
Beryllium, Total (ug/L)	GWC-5	2.1	n/a	3/22/2018	0.34ND	No	72	98.61	n/a	0.000...	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-5	0.021	n/a	3/22/2018	0.48	Yes	30	96.67	n/a	0.001781	NP Inter (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-5	0.34	n/a	3/22/2018	0.34ND	No	72	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-5	16.77	n/a	3/22/2018	130	Yes	30	0	x^(1/3)	0.000...	Param Inter 1 of 2
Chloride (mg/L)	GWC-5	5.6	n/a	3/22/2018	74	Yes	30	0	n/a	0.001781	NP Inter (normality) ...
Chromium, Total (ug/L)	GWC-5	9	n/a	3/22/2018	8.6	No	71	35.21	n/a	0.000...	NP Inter (normality) ...
Cobalt, Total (ug/L)	GWC-5	3	n/a	3/22/2018	0.4ND	No	71	84.51	n/a	0.000...	NP Inter (NDs) 1 of 2
Copper (mg/L)	GWC-5	0.0021	n/a	3/22/2018	0.0021ND	No	57	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-5	0.082	n/a	3/22/2018	0.082ND	No	30	90	n/a	0.001781	NP Inter (NDs) 1 of 2
Lead, Total (ug/L)	GWC-5	5.1	n/a	3/22/2018	0.35ND	No	72	79.17	n/a	0.000...	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0002	n/a	3/22/2018	0.0002ND	No	72	88.89	n/a	0.000...	NP Inter (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.04	n/a	3/22/2018	0.0019	No	57	96.49	n/a	0.000...	NP Inter (NDs) 1 of 2
pH (S.U.)	GWC-5	6.52	5.27	3/22/2018	5.9	No	42	0	n/a	0.002004	NP Inter (normality) ...
Selenium, Total (ug/L)	GWC-5	4.4	n/a	3/22/2018	38	Yes	72	91.67	n/a	0.000...	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-5	0.00011	n/a	3/22/2018	0.00011ND	No	57	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-5	1.15	n/a	3/22/2018	400	Yes	30	90	n/a	0.001781	NP Inter (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-5	0.3	n/a	3/22/2018	0.085ND	No	72	98.61	n/a	0.000...	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-5	141.2	n/a	3/22/2018	1000	Yes	30	3.333	No	0.000...	Param Inter 1 of 2
Vanadium (mg/L)	GWC-5	0.013	n/a	3/22/2018	0.0018	No	57	36.84	n/a	0.000...	NP Inter (normality) ...
Zinc (mg/L)	GWC-5	0.0073	n/a	3/22/2018	0.0086	No	57	96.49	n/a	0.000...	NP Inter (NDs) 1 of 2

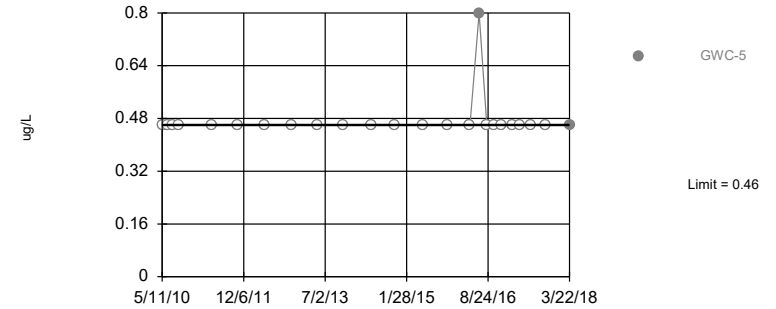
Within Limit Prediction Limit
Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 98.61% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Antimony, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

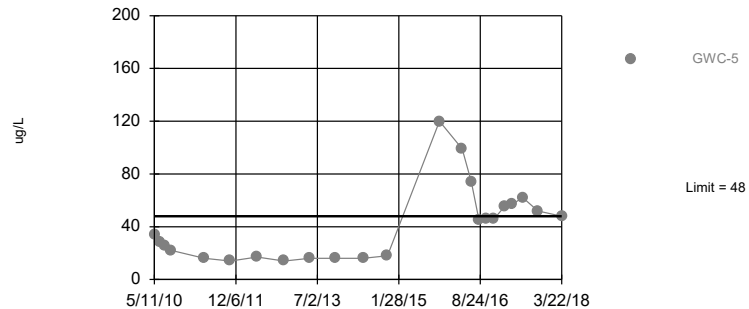
Within Limit Prediction Limit
Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 72) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

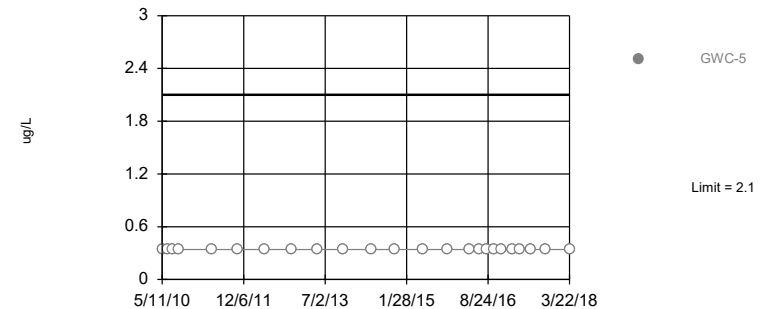
Within Limit Prediction Limit
Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 72 background values. 2.778% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Barium, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Interwell Non-parametric

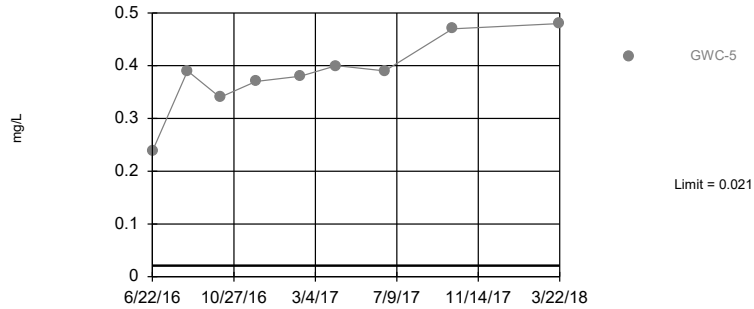


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 98.61% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit
Interwell Non-parametric

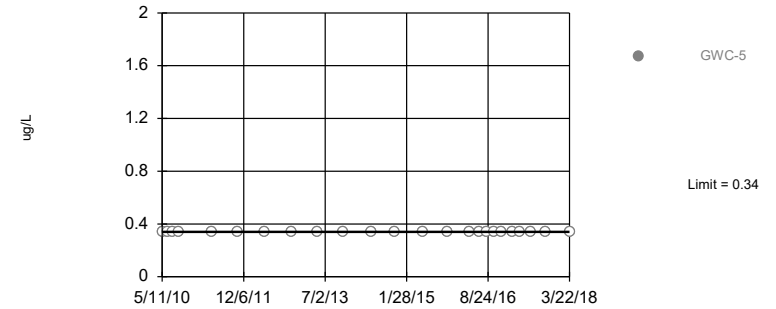


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 96.67% NDs. Annual per-constituent alpha = 0.05879. Individual comparison alpha = 0.001781 (1 of 2). Assumes 16 future values.

Constituent: Boron Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Interwell Non-parametric

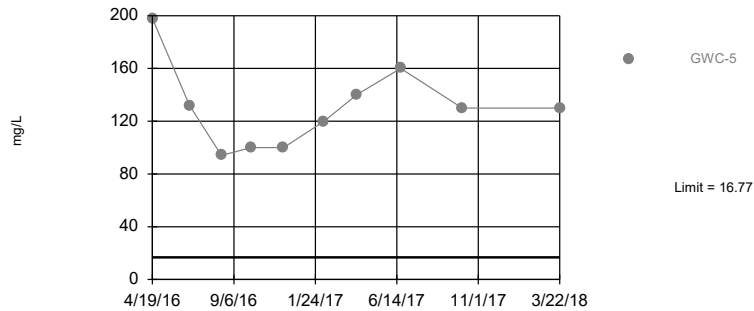


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 72) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit
Interwell Parametric

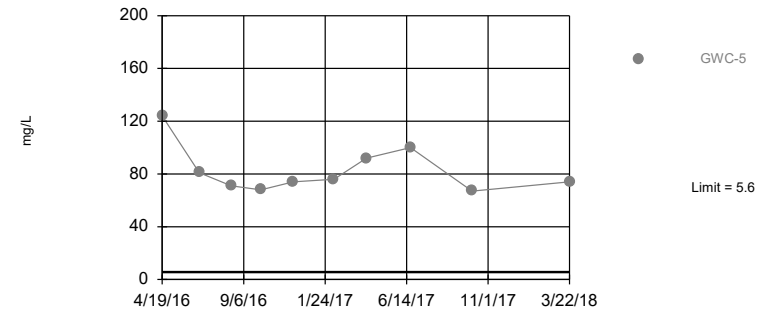


Background Data Summary (based on cube root transformation): Mean=1.915, Std. Dev.=0.2826, n=30. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9047, critical = 0.9. Kappa = 2.28 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0004426. Assumes 16 future values.

Constituent: Calcium Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit
Interwell Non-parametric



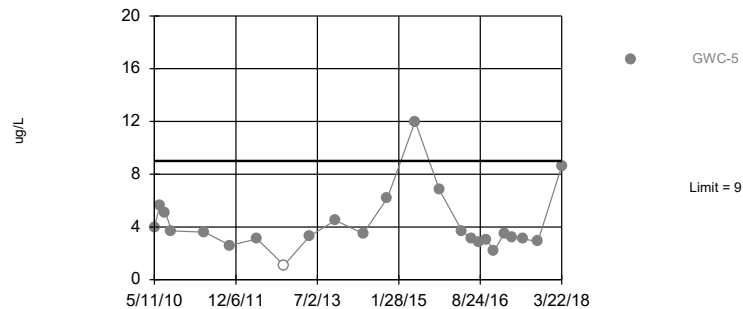
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. Annual per-constituent alpha = 0.05879. Individual comparison alpha = 0.001781 (1 of 2). Assumes 16 future values.

Constituent: Chloride Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Interwell Non-parametric



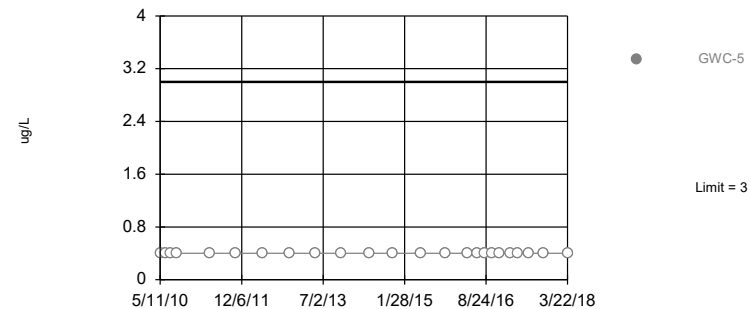
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 71 background values. 35.21% NDs. Annual per-constituent alpha = 0.01255. Individual comparison alpha = 0.0003713 (1 of 2). Assumes 16 future values.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Interwell Non-parametric



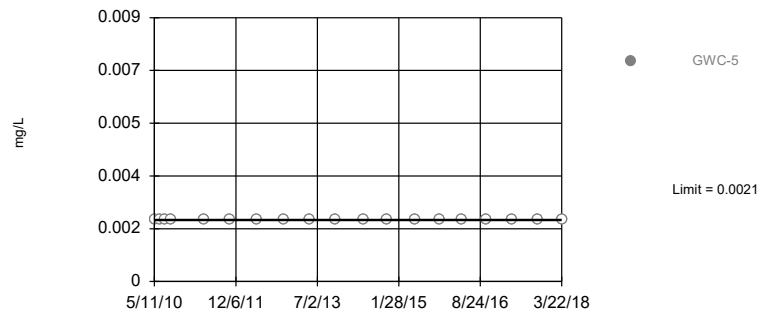
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 71 background values. 84.51% NDs. Annual per-constituent alpha = 0.01255. Individual comparison alpha = 0.0003713 (1 of 2). Assumes 16 future values.

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Interwell Non-parametric



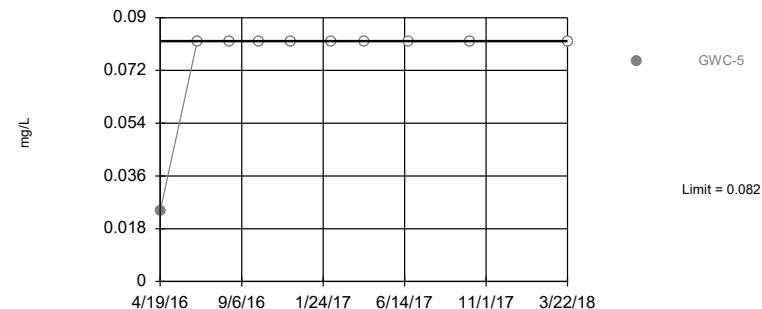
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 57) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Assumes 16 future values.

Constituent: Copper Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Interwell Non-parametric

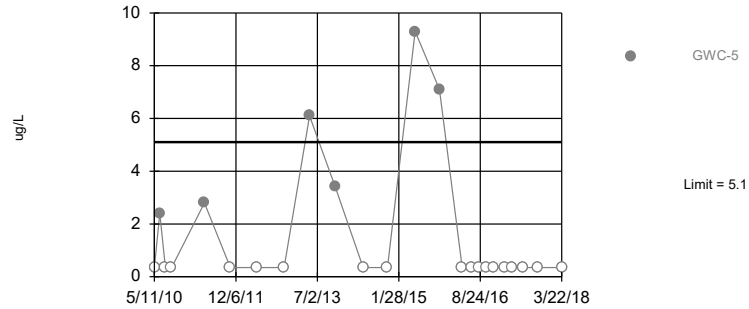


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Annual per-constituent alpha = 0.05879. Individual comparison alpha = 0.001781 (1 of 2). Assumes 16 future values.

Constituent: Fluoride Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Interwell Non-parametric

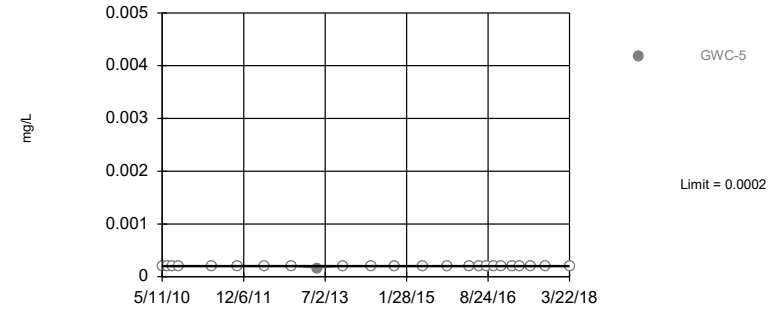


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 79.17% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Lead, Total Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Interwell Non-parametric

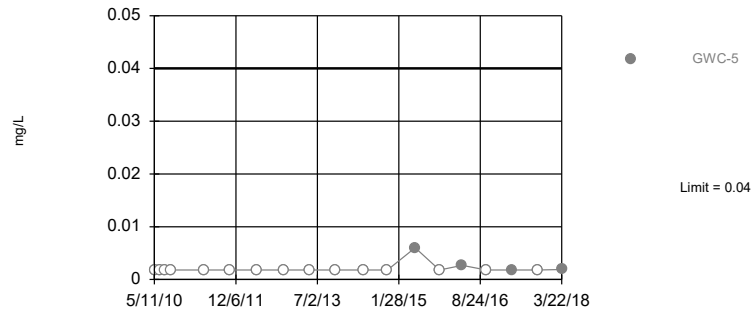


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 88.89% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Mercury Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Interwell Non-parametric

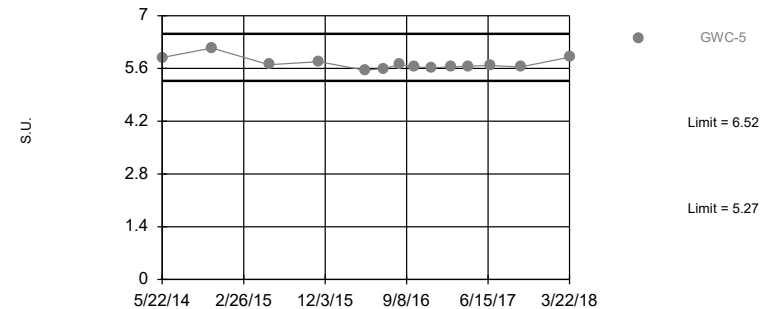


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 57 background values. 96.49% NDs. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Assumes 16 future values.

Constituent: Nickel Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG

Within Limits Prediction Limit
Interwell Non-parametric



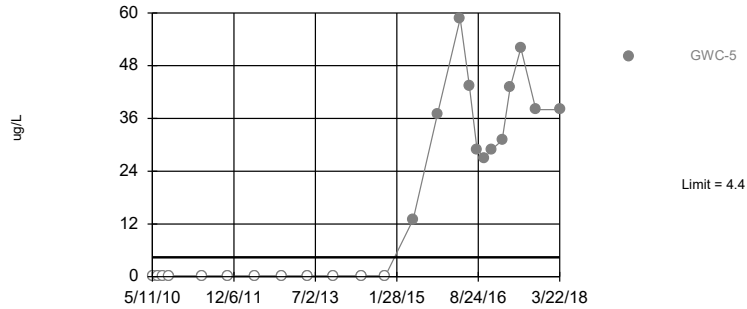
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 42 background values. Annual per-constituent alpha = 0.06702. Individual comparison alpha = 0.002004 (1 of 2). Assumes 16 future values.

Constituent: pH Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Exceeds Limit: GWC-5

Prediction Limit
Interwell Non-parametric



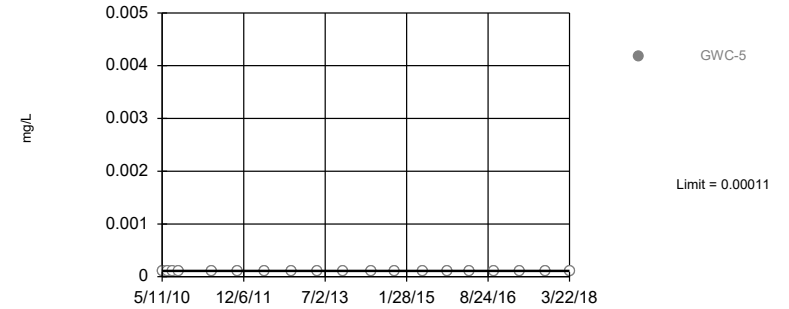
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 91.67% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Selenium, Total Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Interwell Non-parametric



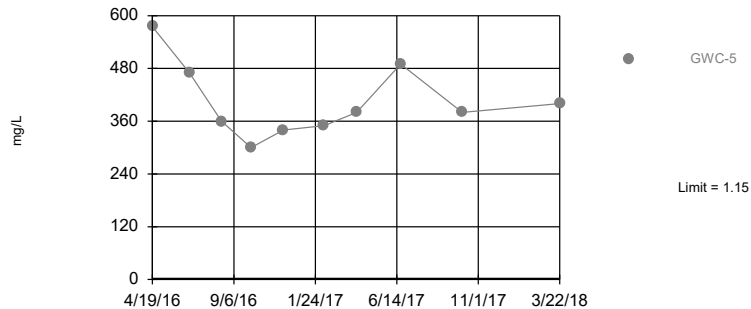
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 57) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Assumes 16 future values.

Constituent: Silver Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG

Exceeds Limit: GWC-5

Prediction Limit
Interwell Non-parametric



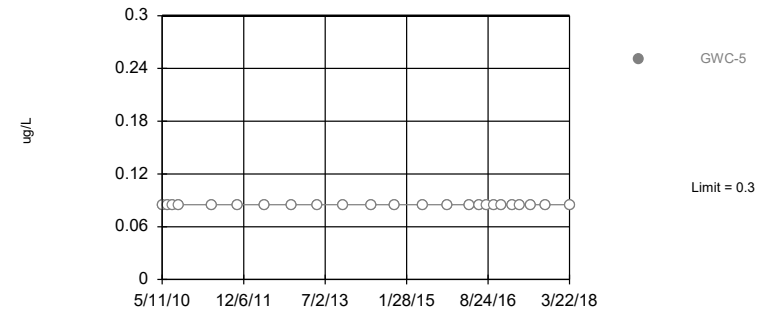
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Annual per-constituent alpha = 0.05879. Individual comparison alpha = 0.001781 (1 of 2). Assumes 16 future values.

Constituent: Sulfate Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Interwell Non-parametric

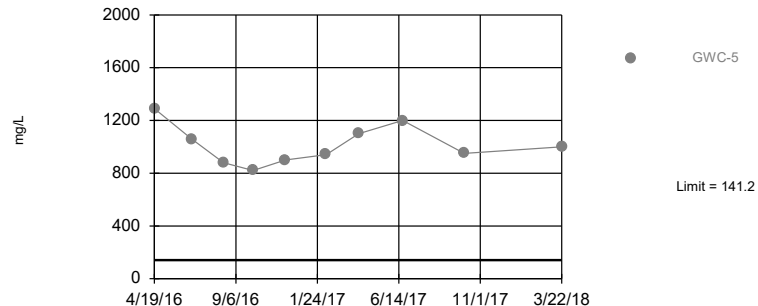


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 98.61% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit
Interwell Parametric

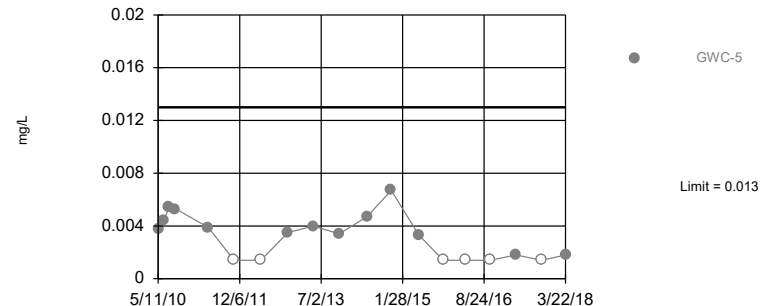


Background Data Summary: Mean=65.63, Std. Dev.=33.14, n=30, 3.333% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.972, critical = 0.9. Kappa = 2.28 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0004426. Assumes 16 future values.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Interwell Non-parametric



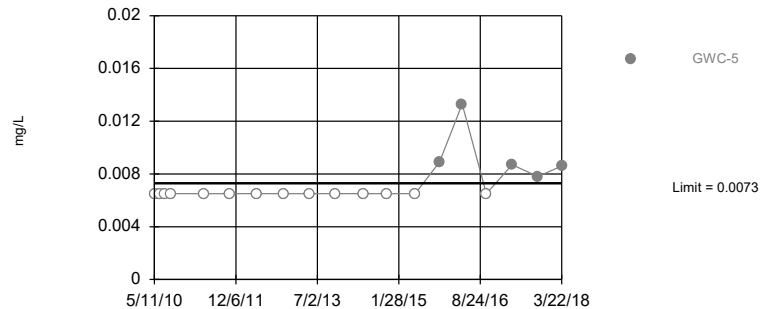
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 57 background values. 36.84% NDs. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Assumes 16 future values.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 57 background values. 96.49% NDs. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Assumes 16 future values.

Constituent: Zinc Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Trend Test

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:22 AM

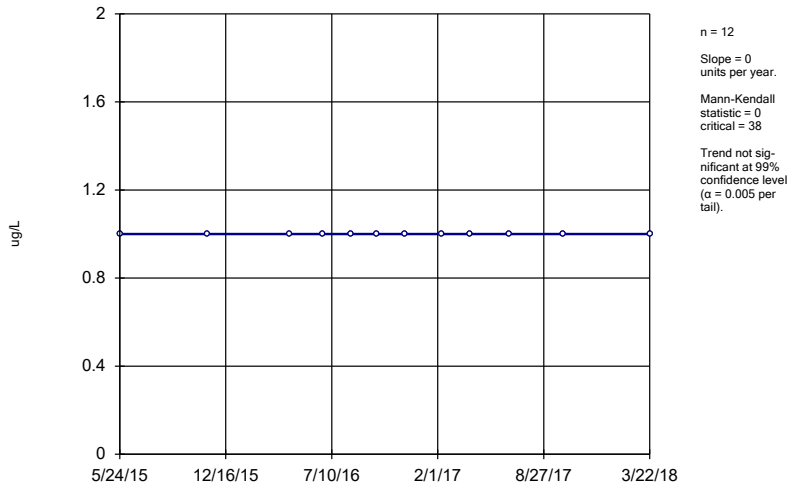
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Boron (mg/L)	GWC-5	0.106	27	25	Yes	9	0	n/a	n/a	0.01	NP

Trend Test

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:22 AM

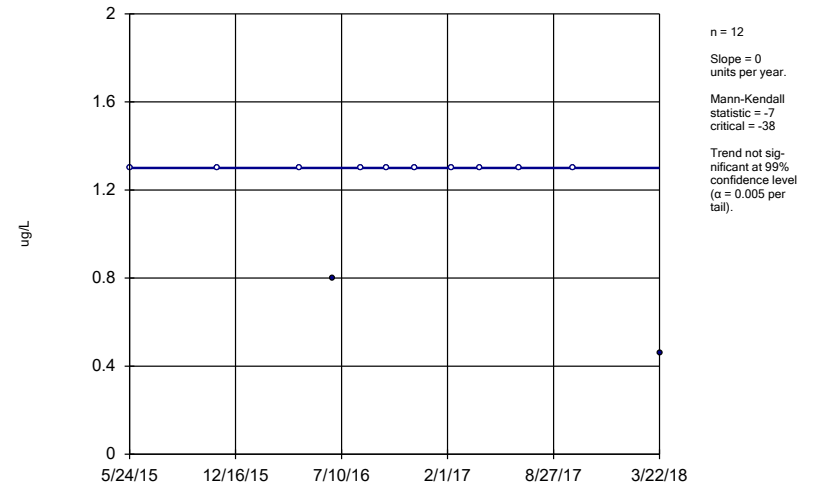
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Antimony, Total (ug/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Arsenic, Total (ug/L)	GWC-5	0	-7	-38	No	12	83.33	n/a	n/a	0.01	NP
Barium, Total (ug/L)	GWC-5	-14.87	-14	-34	No	11	0	n/a	n/a	0.01	NP
Beryllium, Total (ug/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-5	0.106	27	25	Yes	9	0	n/a	n/a	0.01	NP
Cadmium, Total (ug/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-5	10.14	5	30	No	10	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-5	-3.518	-6	-30	No	10	0	n/a	n/a	0.01	NP
Chromium, Total (ug/L)	GWC-5	-0.5674	-17	-38	No	12	0	n/a	n/a	0.01	NP
Cobalt, Total (ug/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Copper (mg/L)	GWC-5	0	0	18	No	7	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-5	0	9	30	No	10	90	n/a	n/a	0.01	NP
Lead, Total (ug/L)	GWC-5	0	-21	-38	No	12	83.33	n/a	n/a	0.01	NP
Mercury (mg/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Nickel (mg/L)	GWC-5	-0.00...	-12	-18	No	7	42.86	n/a	n/a	0.01	NP
pH (S.U.)	GWC-5	0.04259	10	38	No	12	0	n/a	n/a	0.01	NP
Selenium, Total (ug/L)	GWC-5	6.597	14	38	No	12	0	n/a	n/a	0.01	NP
Silver (mg/L)	GWC-5	0	0	18	No	7	100	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-5	17.59	2	30	No	10	0	n/a	n/a	0.01	NP
Thallium, Total (ug/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-5	53.94	5	30	No	10	0	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-5	-0.00...	-12	-18	No	7	57.14	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-5	-0.00...	-12	-18	No	7	28.57	n/a	n/a	0.01	NP

Sen's Slope Estimator
GWC-5



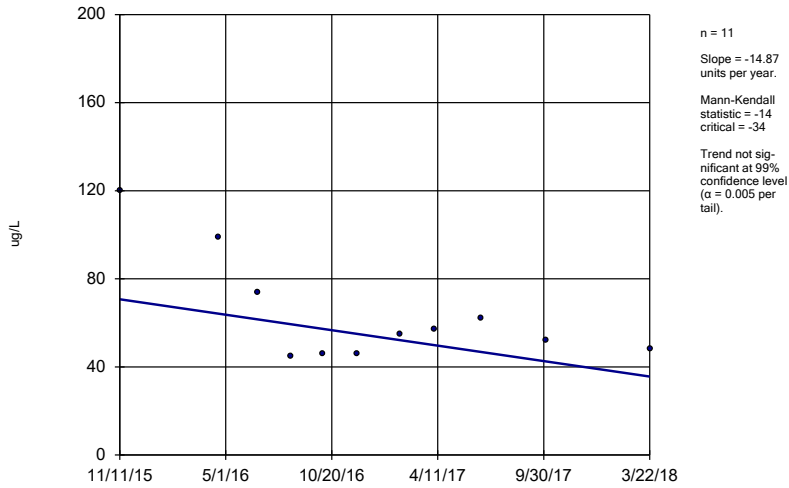
Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator
GWC-5



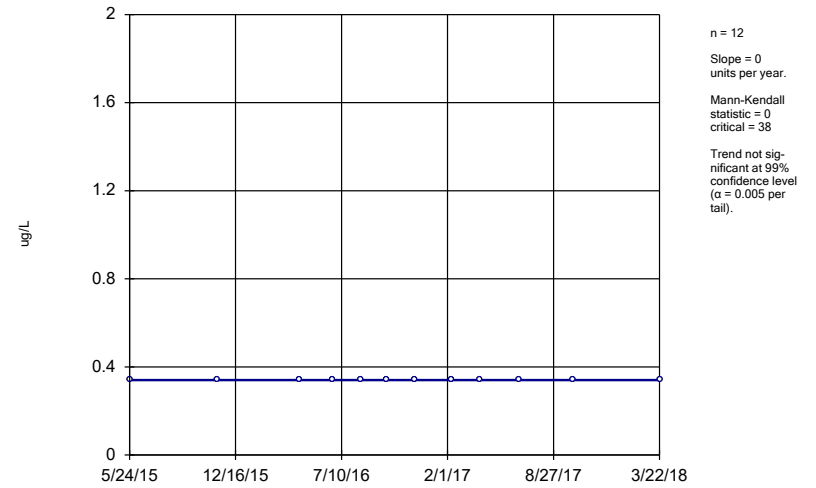
Constituent: Arsenic, Total Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator
GWC-5



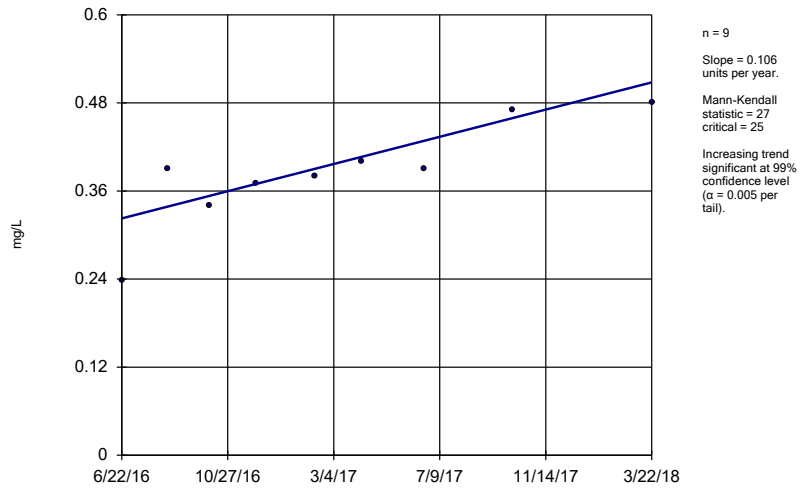
Constituent: Barium, Total Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator
GWC-5



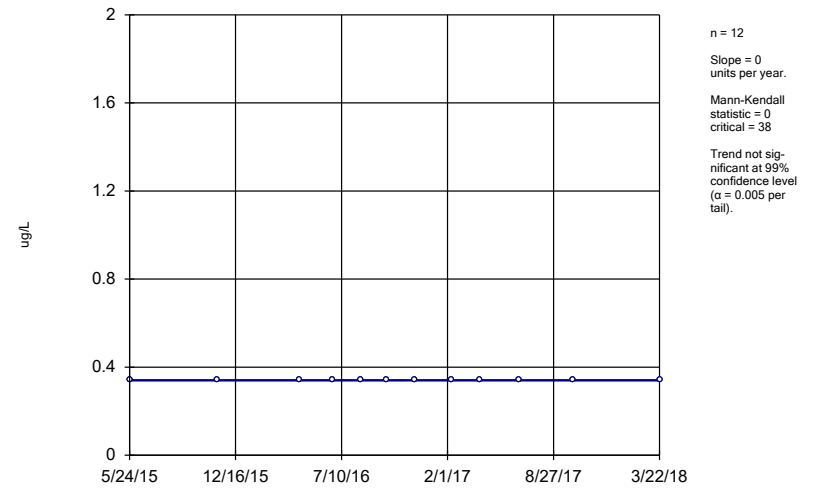
Constituent: Beryllium, Total Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator
GWC-5



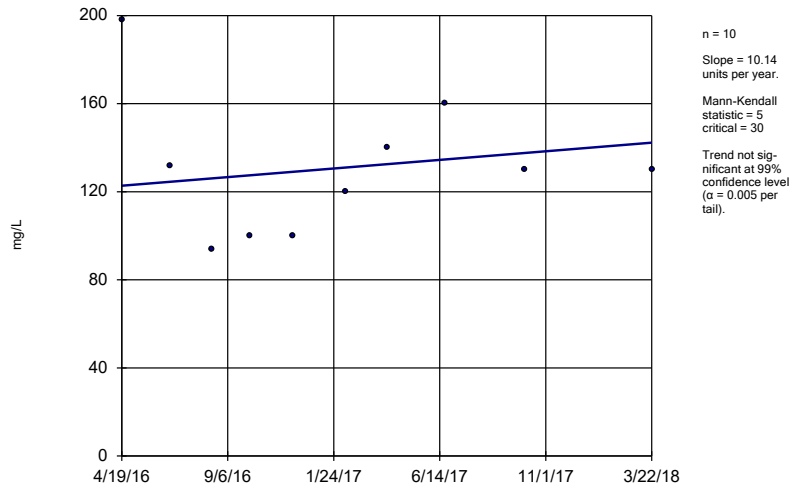
Constituent: Boron Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator
GWC-5



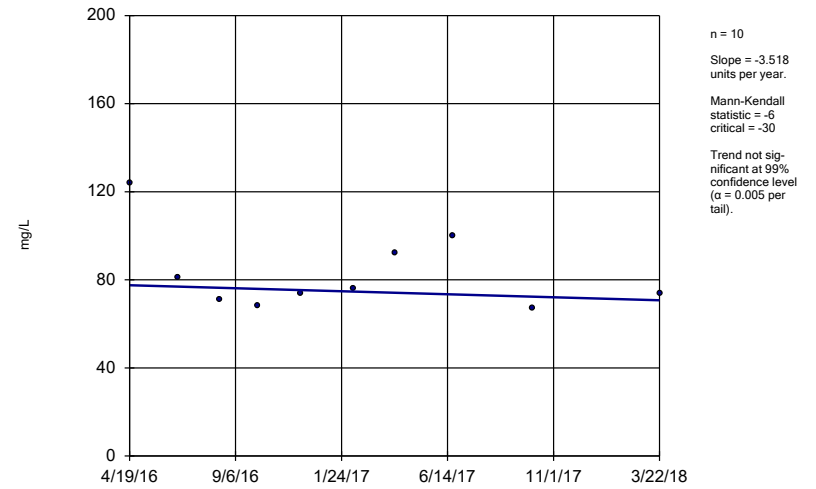
Constituent: Cadmium, Total Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator
GWC-5



Constituent: Calcium Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

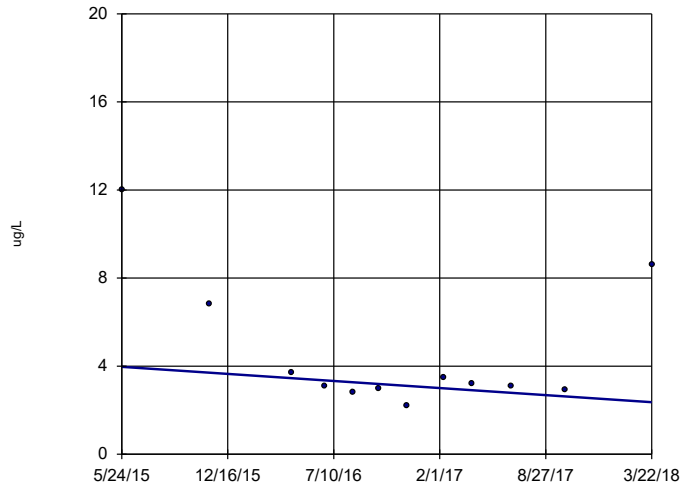
Sen's Slope Estimator
GWC-5



Constituent: Chloride Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWC-5

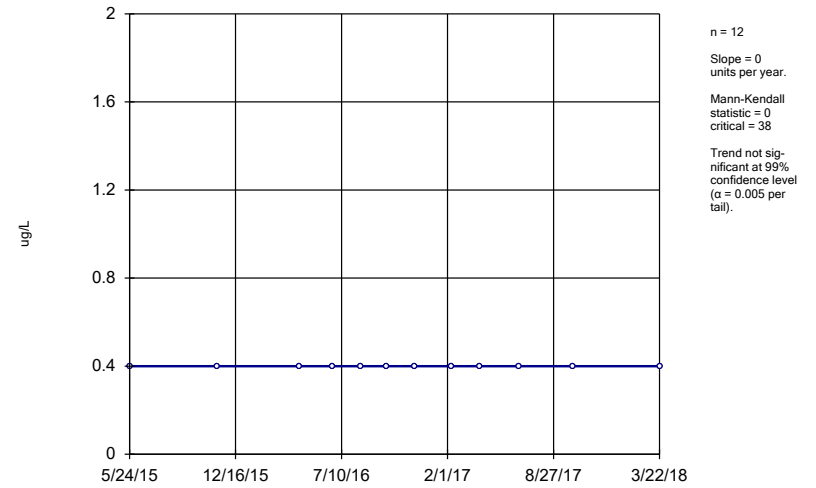


Constituent: Chromium, Total Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-5

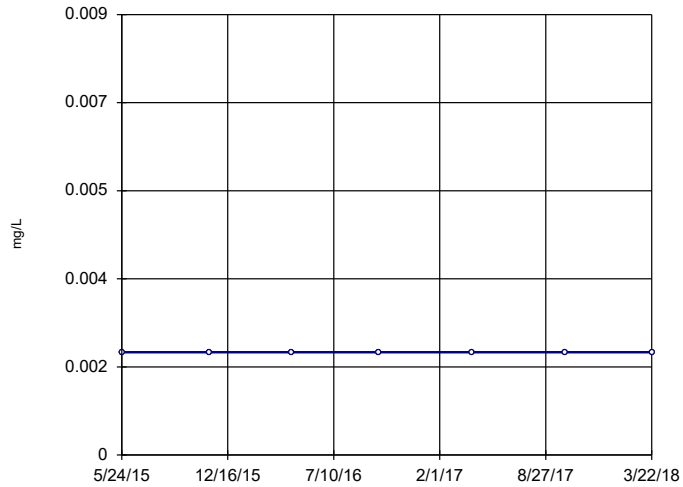


Constituent: Cobalt, Total Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-5

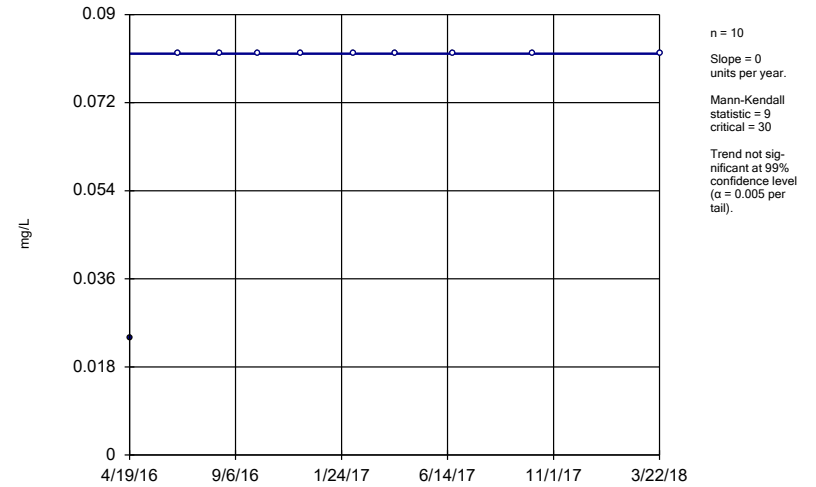


Constituent: Copper Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

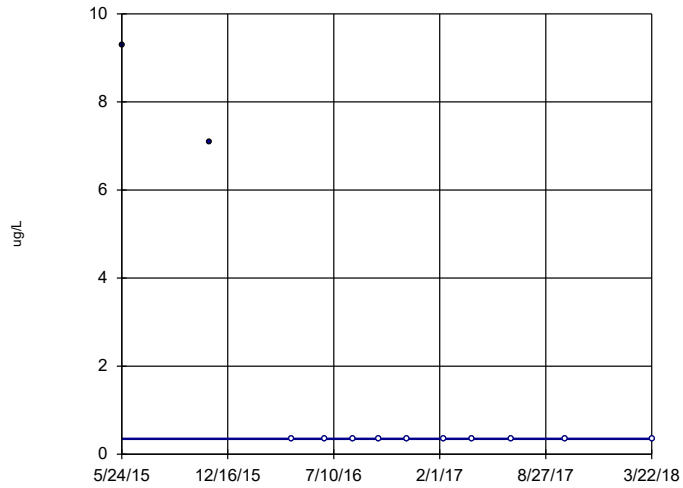
GWC-5



Constituent: Fluoride Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWC-5

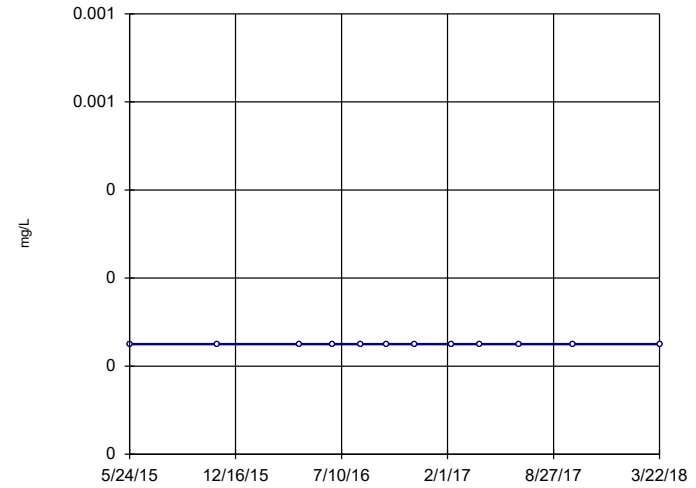


n = 12
Slope = 0
units per year.
Mann-Kendall
statistic = -21
critical = -38
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Lead, Total Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWC-5

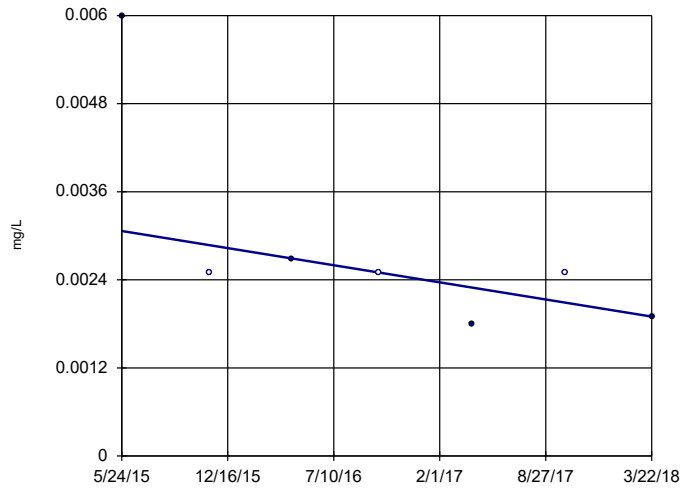


n = 12
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 38
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Mercury Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWC-5

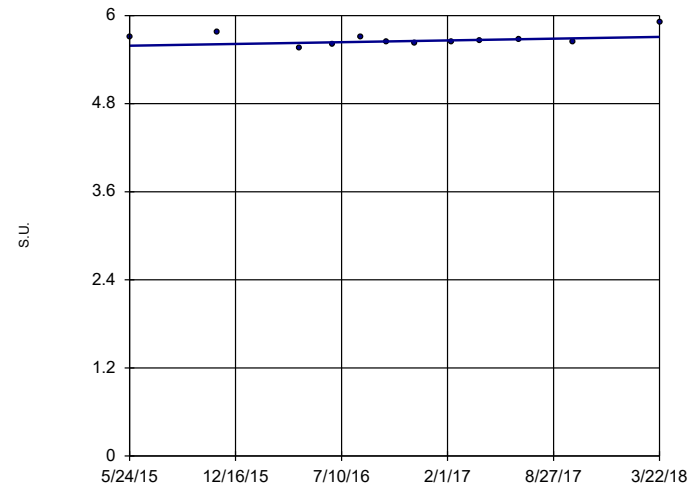


n = 7
Slope = -0.0004117
units per year.
Mann-Kendall
statistic = -12
critical = -18
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Nickel Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWC-5

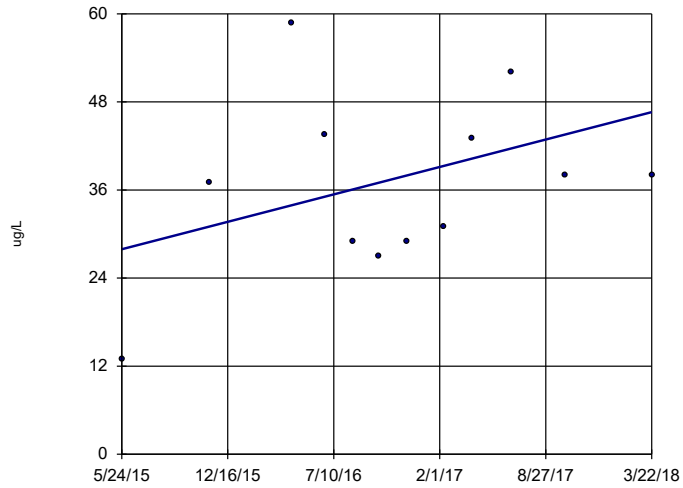


n = 12
Slope = 0.04259
units per year.
Mann-Kendall
statistic = 10
critical = 38
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: pH Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWC-5



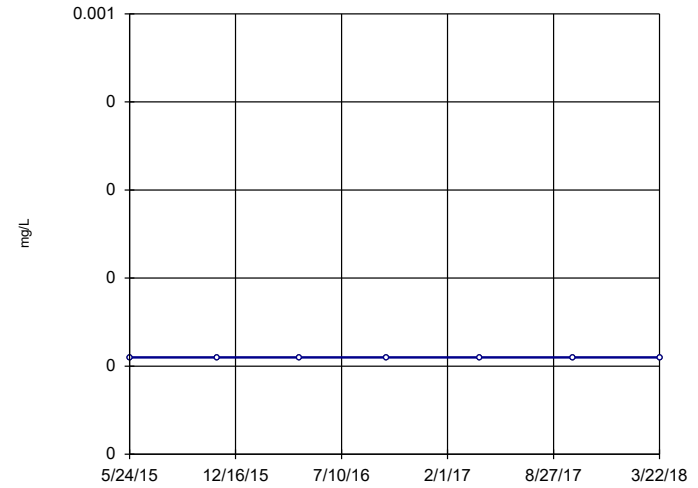
n = 12
 Slope = 6.597
 units per year.
 Mann-Kendall
 statistic = 14
 critical = 38
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:21 AM View: GWC-5
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-5

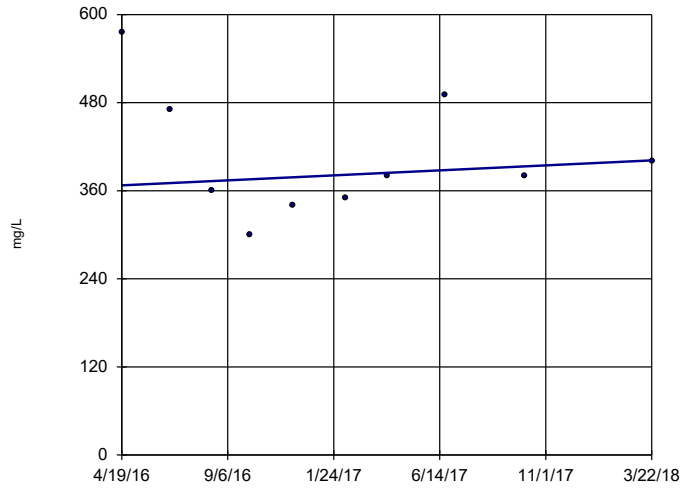


n = 7
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = 0
 critical = 18
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Silver Analysis Run 6/29/2018 12:21 AM View: GWC-5
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWC-5



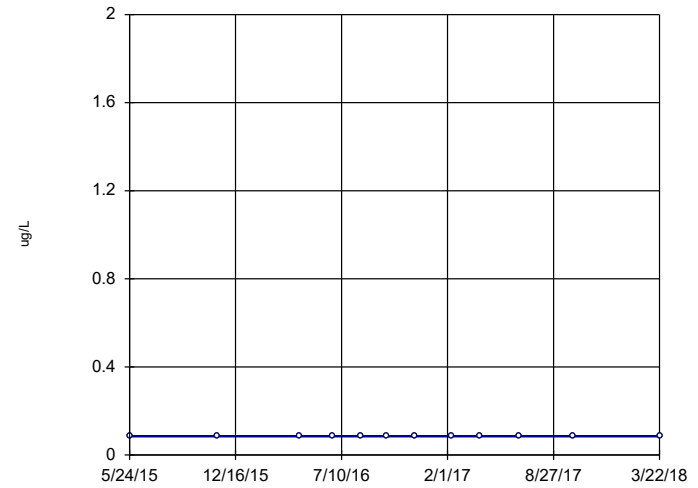
n = 10
 Slope = 17.59
 units per year.
 Mann-Kendall
 statistic = 2
 critical = 30
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Sulfate Analysis Run 6/29/2018 12:21 AM View: GWC-5
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-5

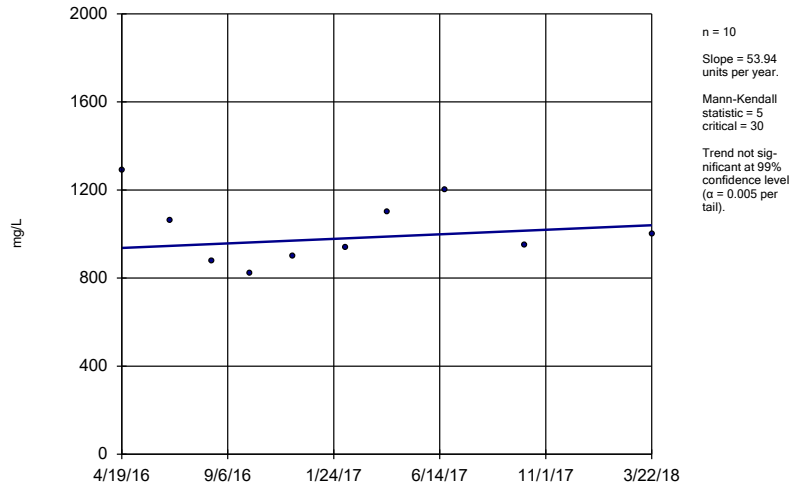


n = 12
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = 0
 critical = 38
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:21 AM View: GWC-5
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWC-5

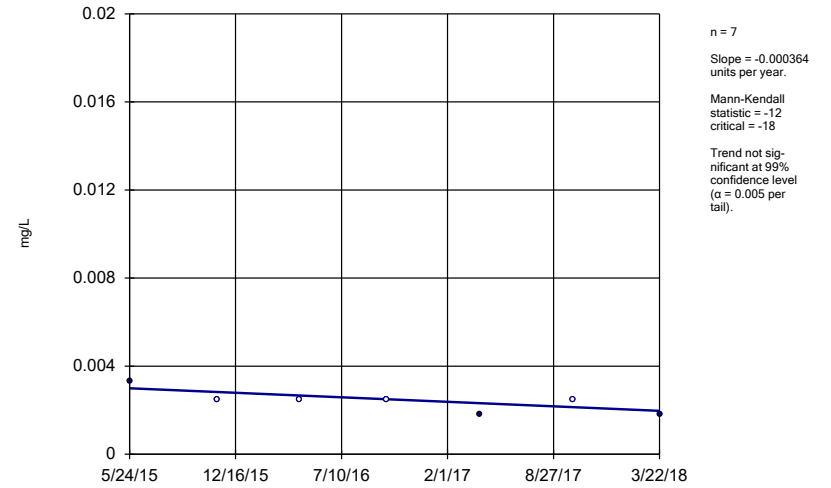


Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-5

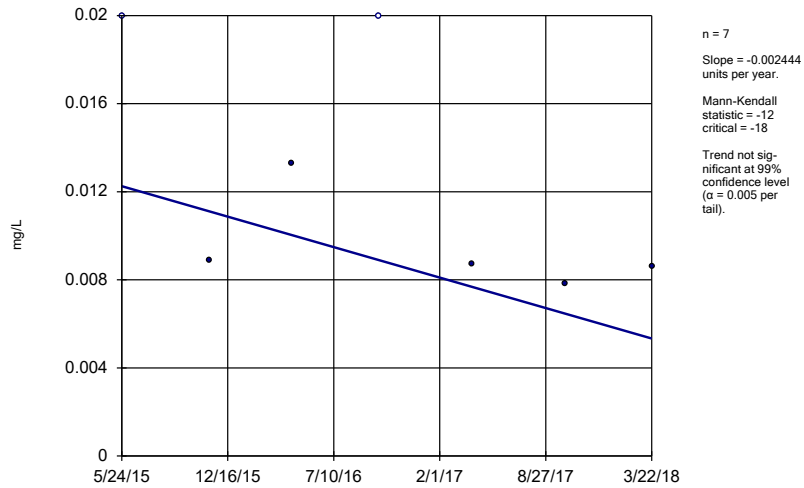


Constituent: Vanadium Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-5



Constituent: Zinc Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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PAC ASH CELL

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Calcium (mg/L)	GWC-29	10.47	n/a	3/26/2018	11	Yes	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	13	n/a	3/26/2018	15	Yes	6	0	n/a	0.03391	NP Intra (normality) ...
Chloride (mg/L)	GWA-46	3.557	n/a	3/23/2018	3.6	Yes	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-53	10.14	n/a	3/26/2018	11	Yes	7	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-21	2.236	n/a	3/26/2018	2.3	Yes	8	12.5	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWC-52	16.13	n/a	3/26/2018	20	Yes	7	0	No	0.000458	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony, Total (mg/L)	GWA-21	0.001	n/a	3/26/2018	0.001ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-22	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-45	0.001	n/a	3/22/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-46	0.001	n/a	3/23/2018	0.001ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-47	0.001	n/a	3/22/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-48	0.001	n/a	3/23/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-49	0.001	n/a	3/22/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-29	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-50	0.001	n/a	3/23/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-51	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-52	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-53	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-21	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-22	0.00046	n/a	3/26/2018	0.00046ND	No	20	100	n/a	0.004291	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-45	0.00046	n/a	3/22/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-46	0.00046	n/a	3/23/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-47	0.00046	n/a	3/22/2018	0.00046ND	No	20	100	n/a	0.004291	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-48	0.00046	n/a	3/23/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-49	0.00053	n/a	3/22/2018	0.00046ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-29	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-50	0.00052	n/a	3/23/2018	0.00046ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-51	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-52	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-53	0.0011	n/a	3/26/2018	0.00046ND	No	19	94.74	n/a	0.004832	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-21	0.03102	n/a	3/26/2018	0.026	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-22	0.03251	n/a	3/26/2018	0.022	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-45	0.06131	n/a	3/22/2018	0.0495	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-46	0.02254	n/a	3/23/2018	0.02	No	20	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-47	0.088	n/a	3/22/2018	0.024	No	21	0	n/a	0.003999	NP Intra (normality) ...
Barium, Total (mg/L)	GWA-48	0.031	n/a	3/23/2018	0.012	No	19	0	n/a	0.004832	NP Intra (normality) ...
Barium, Total (mg/L)	GWA-49	0.02333	n/a	3/22/2018	0.018	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-29	0.01891	n/a	3/26/2018	0.015	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-50	0.01518	n/a	3/23/2018	0.011	No	20	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-51	0.0129	n/a	3/26/2018	0.0094	No	20	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-52	0.01498	n/a	3/26/2018	0.013	No	20	0	x^2	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-53	0.1344	n/a	3/26/2018	0.05	No	21	9.524	No	0.000458	Param Intra 1 of 2
Beryllium, Total (mg/L)	GWA-21	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-22	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-45	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-46	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-47	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-48	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-49	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-29	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-50	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-51	0.00034	n/a	3/26/2018	0.00034ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-52	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-53	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-21	0.021	n/a	3/26/2018	0.021ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-22	0.021	n/a	3/26/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Boron (mg/L)	GWA-45	1.032	n/a	3/22/2018	0.66	No	8	0	No	0.000458	Param Intra 1 of 2
Boron (mg/L)	GWA-46	0.021	n/a	3/23/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-47	0.021	n/a	3/22/2018	0.021ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.021	n/a	3/23/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-49	0.021	n/a	3/22/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.021	n/a	3/26/2018	0.021ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-50	0.021	n/a	3/23/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-51	0.021	n/a	3/26/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-52	0.021	n/a	3/26/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.12	n/a	3/26/2018	0.91	No	8	0	No	0.000458	Param Intra 1 of 2
Cadmium, Total (mg/L)	GWA-21	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-22	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-45	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-46	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-47	0.0016	n/a	3/22/2018	0.00034ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-48	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-49	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-29	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-50	0.00034	n/a	3/23/2018	0.00034ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-51	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-52	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-53	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-21	12.64	n/a	3/26/2018	9.3	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-22	9.757	n/a	3/26/2018	8.7	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-45	47.03	n/a	3/22/2018	39	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-46	7.155	n/a	3/23/2018	6.6	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	12.37	n/a	3/22/2018	11	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-48	14.7	n/a	3/23/2018	13	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-49	14.2	n/a	3/22/2018	14	No	7	0	n/a	0.02765	NP Intra (normality) ...
Calcium (mg/L)	GWC-29	10.47	n/a	3/26/2018	11	Yes	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-50	8.352	n/a	3/23/2018	7.5	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-51	8.174	n/a	3/26/2018	7	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	13	n/a	3/26/2018	15	Yes	6	0	n/a	0.03391	NP Intra (normality) ...
Calcium (mg/L)	GWC-53	21.11	n/a	3/26/2018	19	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-21	4.12	n/a	3/26/2018	3.8	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-22	6.389	n/a	3/26/2018	1.9	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-45	11.24	n/a	3/22/2018	9.7	No	8	0	x^2	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-46	3.557	n/a	3/23/2018	3.6	Yes	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-47	1.813	n/a	3/22/2018	1.3	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-48	2.008	n/a	3/23/2018	1.6	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-49	2.536	n/a	3/22/2018	1.9	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-29	4.329	n/a	3/26/2018	3.1	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-50	2.225	n/a	3/23/2018	1.9	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-51	7.154	n/a	3/26/2018	6.6	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-52	8.927	n/a	3/26/2018	7.8	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-53	10.14	n/a	3/26/2018	11	Yes	7	0	No	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-21	0.01153	n/a	3/26/2018	0.0011	No	21	19.05	sqrt(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-22	0.01316	n/a	3/26/2018	0.0088	No	20	5	No	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-45	0.0042	n/a	3/22/2018	0.0011ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-46	0.01059	n/a	3/23/2018	0.0045	No	21	4.762	ln(x)	0.000458	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chromium, Total (mg/L)	GWA-47	0.07483	n/a	3/22/2018	0.0074	No	21	9.524	ln(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-48	0.02881	n/a	3/23/2018	0.005	No	21	9.524	sqrt(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-49	0.01171	n/a	3/22/2018	0.0051	No	21	4.762	sqrt(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-29	0.01	n/a	3/26/2018	0.0013	No	20	45	n/a	0.004291	NP Intra (normality) ...
Chromium, Total (mg/L)	GWC-50	0.0119	n/a	3/23/2018	0.0042	No	21	9.524	ln(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-51	0.01	n/a	3/26/2018	0.0028	No	21	14.29	n/a	0.003999	NP Intra (normality) ...
Chromium, Total (mg/L)	GWC-52	0.01536	n/a	3/26/2018	0.012	No	21	4.762	No	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-53	0.01	n/a	3/26/2018	0.0014	No	20	40	n/a	0.004291	NP Intra (normality) ...
Cobalt, Total (mg/L)	GWA-21	0.0025	n/a	3/26/2018	0.00088	No	21	80.95	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-22	0.0038	n/a	3/26/2018	0.0004ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-45	0.01974	n/a	3/22/2018	0.0015	No	20	30	ln(x)	0.000458	Param Intra 1 of 2
Cobalt, Total (mg/L)	GWA-46	0.0004	n/a	3/23/2018	0.0004ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-47	0.0048	n/a	3/22/2018	0.0004ND	No	21	80.95	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-48	0.0039	n/a	3/23/2018	0.0004ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-49	0.0004	n/a	3/22/2018	0.0004ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-29	0.0004	n/a	3/26/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-50	0.0004	n/a	3/23/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-51	0.0004	n/a	3/26/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-52	0.0004	n/a	3/26/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-53	0.01731	n/a	3/26/2018	0.0069	No	21	9.524	No	0.000458	Param Intra 1 of 2
Copper, Total (mg/L)	GWA-21	0.0028	n/a	3/26/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-22	0.078	n/a	3/26/2018	0.0021ND	No	16	87.5	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-45	0.0034	n/a	3/22/2018	0.0021ND	No	16	75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-46	0.021	n/a	3/23/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-47	0.06808	n/a	3/22/2018	0.0021ND	No	16	12.5	sqrt(x)	0.000458	Param Intra 1 of 2
Copper, Total (mg/L)	GWA-48	0.013	n/a	3/23/2018	0.0021ND	No	16	50	n/a	0.006456	NP Intra (normality) ...
Copper, Total (mg/L)	GWA-49	0.0021	n/a	3/22/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-29	0.0031	n/a	3/26/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-50	0.0031	n/a	3/23/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-51	0.0021	n/a	3/26/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-52	0.0021	n/a	3/26/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-53	0.0021	n/a	3/26/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-21	0.082	n/a	3/26/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.082	n/a	3/26/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.082	n/a	3/22/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.082	n/a	3/23/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.082	n/a	3/22/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.1	n/a	3/23/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-49	0.082	n/a	3/22/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.082	n/a	3/26/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.082	n/a	3/23/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.082	n/a	3/26/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.082	n/a	3/26/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.082	n/a	3/26/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-21	0.0044	n/a	3/26/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-22	0.0048	n/a	3/26/2018	0.00035ND	No	21	76.19	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-45	0.005	n/a	3/22/2018	0.00035ND	No	21	66.67	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-46	0.0037	n/a	3/23/2018	0.00035ND	No	21	76.19	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-47	0.0062	n/a	3/22/2018	0.00096	No	21	61.9	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-48	0.0064	n/a	3/23/2018	0.00035ND	No	21	61.9	n/a	0.003999	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Lead, Total (mg/L)	GWA-49	0.0062	n/a	3/22/2018	0.00035ND	No	21	57.14	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-29	0.0038	n/a	3/26/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-50	0.0043	n/a	3/23/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-51	0.0035	n/a	3/26/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-52	0.006	n/a	3/26/2018	0.0034	No	21	61.9	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-53	0.0026	n/a	3/26/2018	0.00035ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-21	0.0002	n/a	3/26/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-22	0.0002	n/a	3/26/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-45	0.00007	n/a	3/22/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-46	0.00011	n/a	3/23/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-47	0.000081	n/a	3/22/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-48	0.000084	n/a	3/23/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-49	0.00007	n/a	3/22/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-29	0.00007	n/a	3/26/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-50	0.0002	n/a	3/23/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-51	0.00007	n/a	3/26/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-52	0.000082	n/a	3/26/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-53	0.0002	n/a	3/26/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-21	0.0018	n/a	3/26/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-22	0.003	n/a	3/26/2018	0.0018ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-45	0.0018	n/a	3/22/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-46	0.0035	n/a	3/23/2018	0.0018ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-47	0.022	n/a	3/22/2018	0.0018ND	No	16	50	n/a	0.006456	NP Intra (normality) ...
Nickel, Total (mg/L)	GWA-48	0.0225	n/a	3/23/2018	0.0018ND	No	16	43.75	ln(x)	0.000458	Param Intra 1 of 2
Nickel, Total (mg/L)	GWA-49	0.0018	n/a	3/22/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-29	0.0047	n/a	3/26/2018	0.0037	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.0018	n/a	3/23/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-51	0.0025	n/a	3/26/2018	0.0021	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-52	0.0018	n/a	3/26/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-53	0.008659	n/a	3/26/2018	0.0075	No	15	6.667	No	0.000458	Param Intra 1 of 2
pH (S.U.)	GWA-21	6.009	5.575	3/26/2018	5.76	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-22	6.351	5.483	3/26/2018	6.06	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-45	6.595	5.613	3/22/2018	6.2	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-46	6.83	5.71	3/23/2018	5.89	No	10	0	n/a	0.02952	NP Intra (normality) ...
pH (S.U.)	GWA-47	6.595	6.252	3/22/2018	6.46	No	11	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-48	7.013	6.451	3/23/2018	6.92	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-49	7.135	6.527	3/22/2018	7	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-29	5.925	5.673	3/26/2018	5.91	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-50	6.006	5.643	3/23/2018	5.98	No	11	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-51	8.36	5.76	3/26/2018	5.98	No	12	0	n/a	0.02155	NP Intra (normality) ...
pH (S.U.)	GWC-52	7.63	6.53	3/26/2018	6.77	No	12	0	n/a	0.02155	NP Intra (normality) ...
pH (S.U.)	GWC-53	7.725	5.48	3/26/2018	5.78	No	11	0	n/a	0.02553	NP Intra (normality) ...
Selenium, Total (mg/L)	GWA-21	0.0072	n/a	3/26/2018	0.00024ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-22	0.0048	n/a	3/26/2018	0.00024ND	No	21	85.71	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-45	0.0093	n/a	3/22/2018	0.00024ND	No	21	80.95	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-46	0.00024	n/a	3/23/2018	0.00024ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-47	0.0064	n/a	3/22/2018	0.00024ND	No	20	90	n/a	0.004291	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-48	0.0077	n/a	3/23/2018	0.00024ND	No	21	85.71	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-49	0.0041	n/a	3/22/2018	0.00024ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-29	0.0044	n/a	3/26/2018	0.00024ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

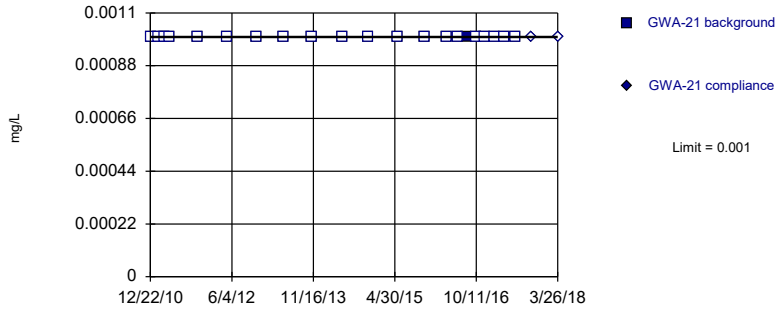
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Selenium, Total (mg/L)	GWC-50	0.0042	n/a	3/23/2018	0.00024ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-51	0.00024	n/a	3/26/2018	0.00024ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-52	0.0067	n/a	3/26/2018	0.00024ND	No	21	76.19	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-53	0.0025	n/a	3/26/2018	0.00024ND	No	21	85.71	n/a	0.003999	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-21	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-22	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-45	0.00011	n/a	3/22/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-46	0.00011	n/a	3/23/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-47	0.00011	n/a	3/22/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-48	0.00011	n/a	3/23/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-49	0.00011	n/a	3/22/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-29	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-50	0.00011	n/a	3/23/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-51	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-52	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-53	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-21	2.236	n/a	3/26/2018	2.3	Yes	8	12.5	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-22	0.7	n/a	3/26/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	192.8	n/a	3/22/2018	150	No	8	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	0.7	n/a	3/23/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	0.7	n/a	3/22/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	1.756	n/a	3/23/2018	1.3	No	8	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-49	0.7	n/a	3/22/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	2.954	n/a	3/26/2018	2.4	No	8	12.5	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWC-50	0.7	n/a	3/23/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-51	0.7	n/a	3/26/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	16.13	n/a	3/26/2018	20	Yes	7	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWC-53	178.5	n/a	3/26/2018	160	No	8	0	No	0.000458	Param Intra 1 of 2
Thallium, Total (mg/L)	GWA-21	0.00048	n/a	3/26/2018	0.000085ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-22	0.00086	n/a	3/26/2018	0.000085ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-45	0.00032	n/a	3/22/2018	0.000085ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-46	0.000085	n/a	3/23/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-47	0.000085	n/a	3/22/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-48	0.000085	n/a	3/23/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-49	0.000085	n/a	3/22/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-29	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-50	0.00028	n/a	3/23/2018	0.000085ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-51	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-52	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-53	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWA-21	117.2	n/a	3/26/2018	94	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-22	131.8	n/a	3/26/2018	56	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-45	319.8	n/a	3/22/2018	310	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-46	96.35	n/a	3/23/2018	52	No	8	12.5	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-47	125.9	n/a	3/22/2018	92	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-48	133.1	n/a	3/23/2018	86	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-49	125.1	n/a	3/22/2018	100	No	7	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-29	132.7	n/a	3/26/2018	58	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-50	123.7	n/a	3/23/2018	96	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-51	96.73	n/a	3/26/2018	72	No	7	0	No	0.000458	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Total Dissolved Solids (mg/L)	GWC-52	149.8	n/a	3/26/2018	98	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-53	293.1	n/a	3/26/2018	240	No	8	0	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-21	0.0028	n/a	3/26/2018	0.0014	No	16	75	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-22	0.0052	n/a	3/26/2018	0.0029	No	16	68.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-45	0.0062	n/a	3/22/2018	0.0014ND	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-46	0.02	n/a	3/23/2018	0.0032	No	16	12.5	n/a	0.006456	NP Intra (normality) ...
Vanadium, Total (mg/L)	GWA-47	0.04287	n/a	3/22/2018	0.0068	No	16	6.25	sqrt(x)	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-48	0.02471	n/a	3/23/2018	0.016	No	15	6.667	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-49	0.02405	n/a	3/22/2018	0.018	No	16	0	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-29	0.009002	n/a	3/26/2018	0.0037	No	16	6.25	sqrt(x)	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-50	0.0044	n/a	3/23/2018	0.0023	No	16	43.75	n/a	0.006456	NP Intra (normality) ...
Vanadium, Total (mg/L)	GWC-51	0.006918	n/a	3/26/2018	0.004	No	16	25	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-52	0.01464	n/a	3/26/2018	0.0096	No	14	0	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-53	0.0136	n/a	3/26/2018	0.0014ND	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-21	0.0065	n/a	3/26/2018	0.0065ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-22	0.039	n/a	3/26/2018	0.0065ND	No	15	93.33	n/a	0.007533	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-45	0.0065	n/a	3/22/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-46	0.013	n/a	3/23/2018	0.0065ND	No	16	87.5	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-47	0.014	n/a	3/22/2018	0.0065ND	No	15	86.67	n/a	0.007533	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-48	0.0065	n/a	3/23/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-49	0.0065	n/a	3/22/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-29	0.0065	n/a	3/26/2018	0.0065ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-50	0.0065	n/a	3/23/2018	0.0065ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-51	0.0065	n/a	3/26/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-52	0.0065	n/a	3/26/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-53	0.01959	n/a	3/26/2018	0.016	No	15	0	No	0.000458	Param Intra 1 of 2

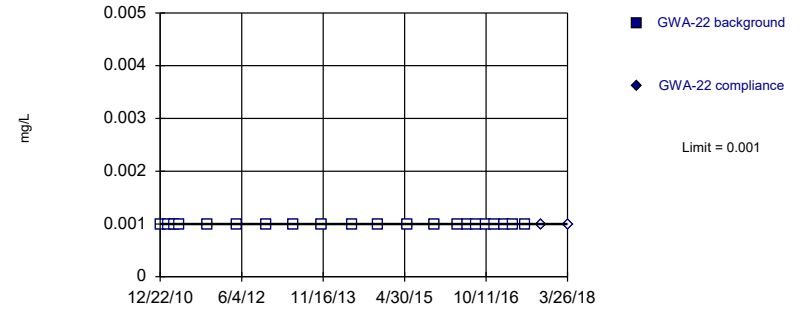
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

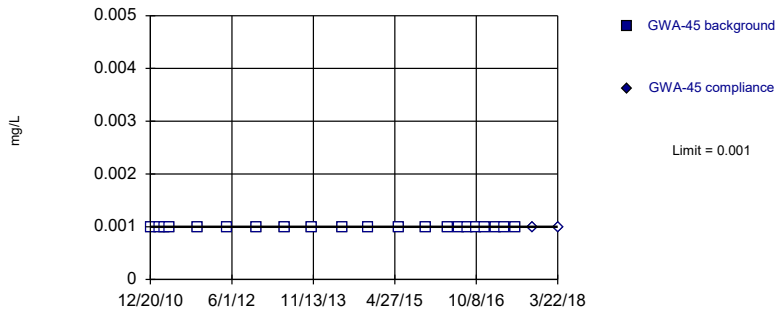
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

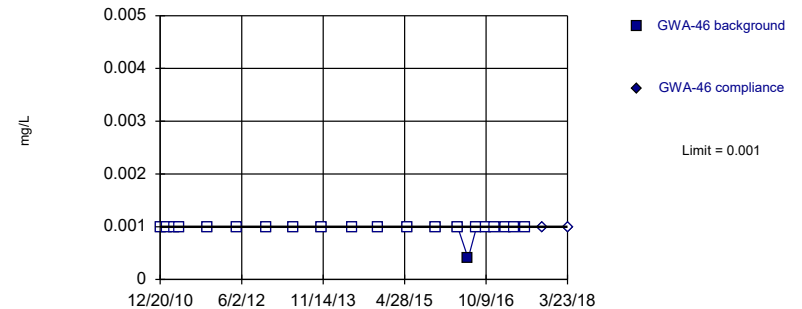
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric



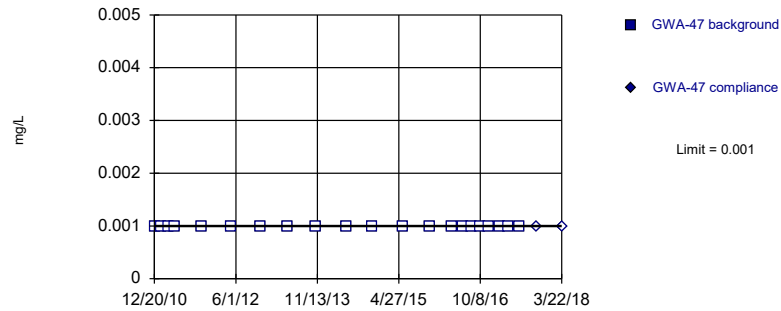
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



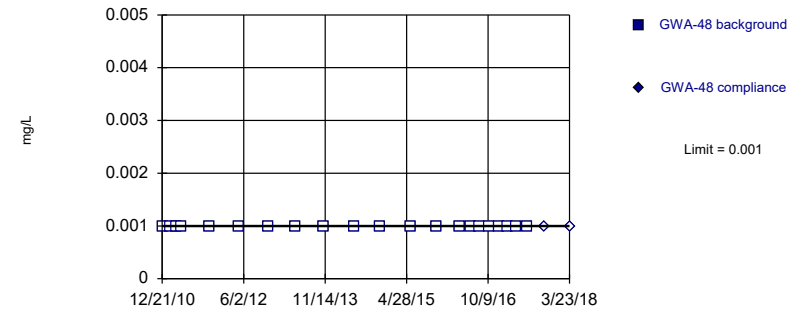
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Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



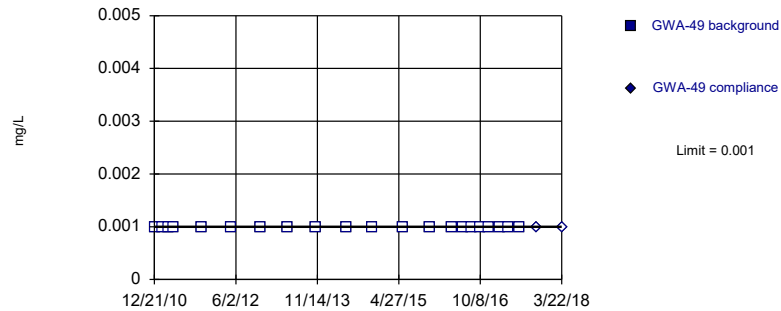
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



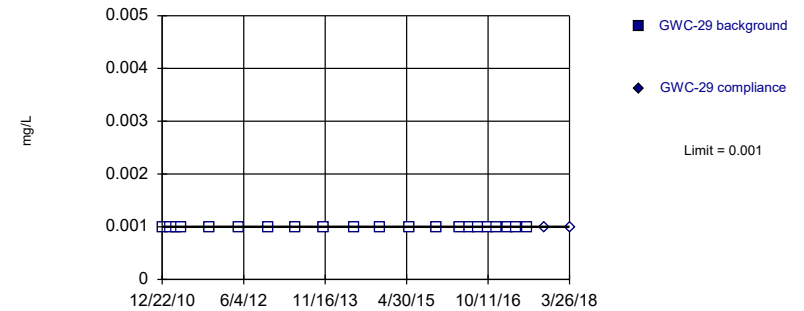
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

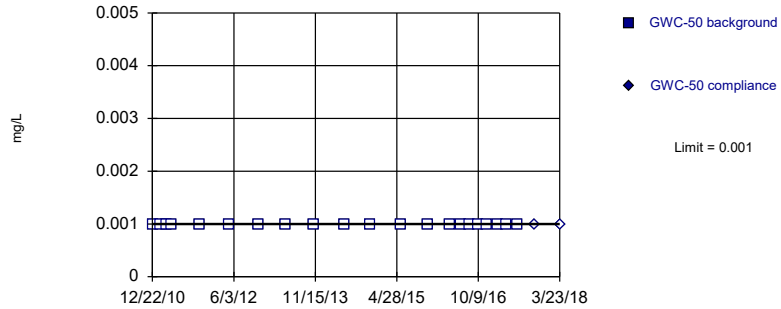


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

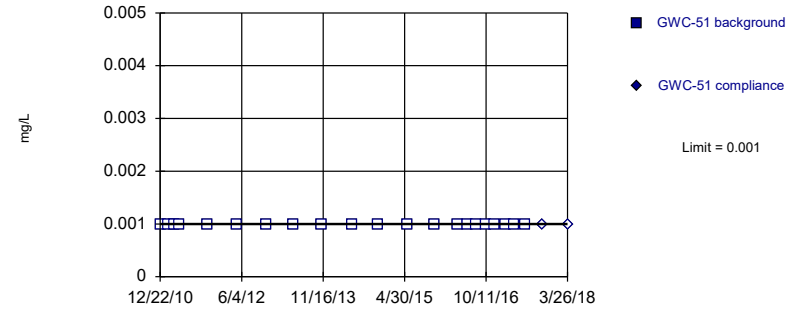


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

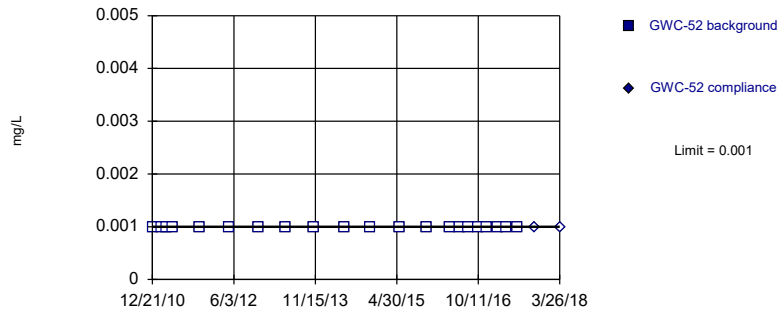


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

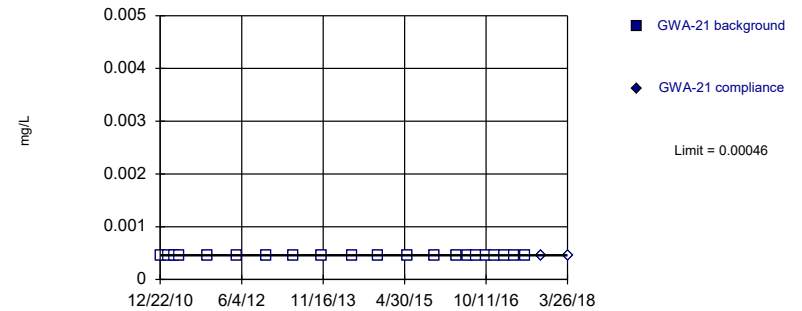


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

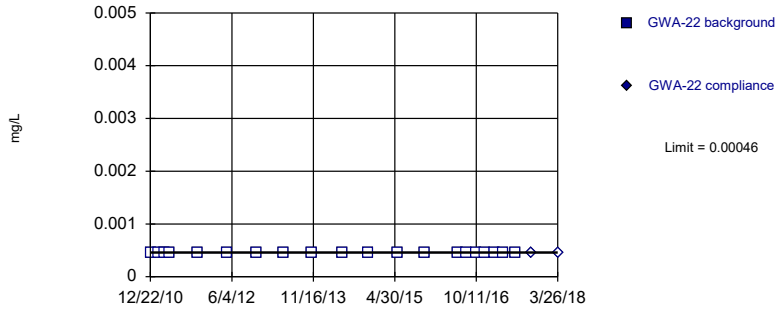


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

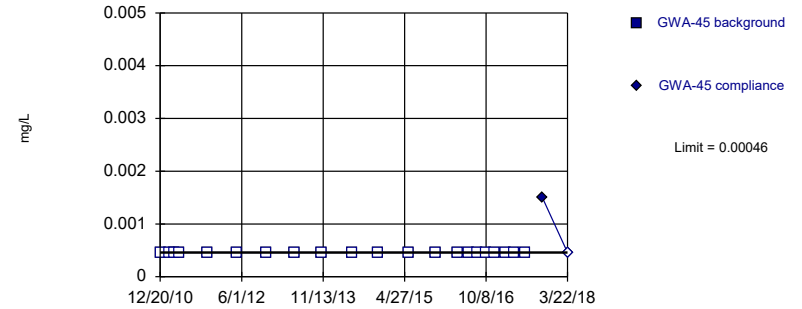


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

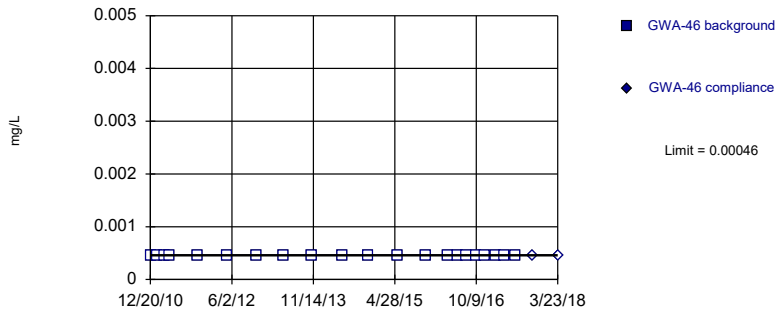


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

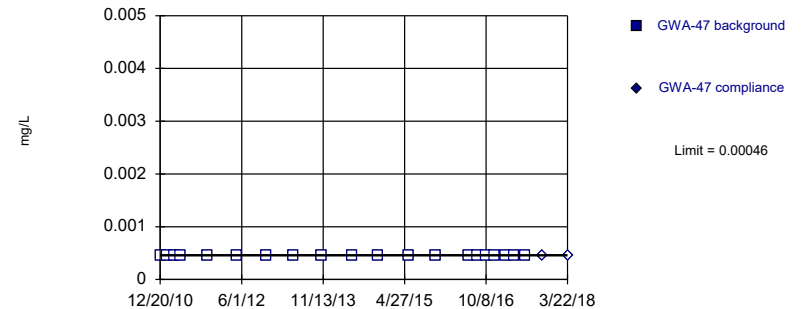


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

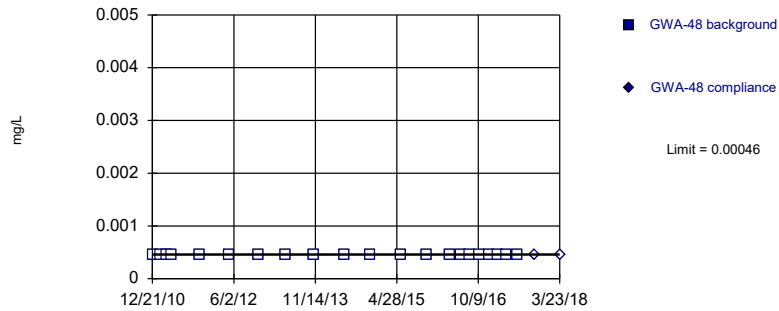


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

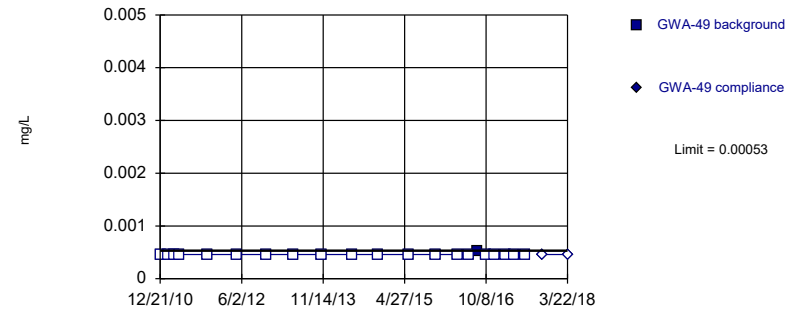


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

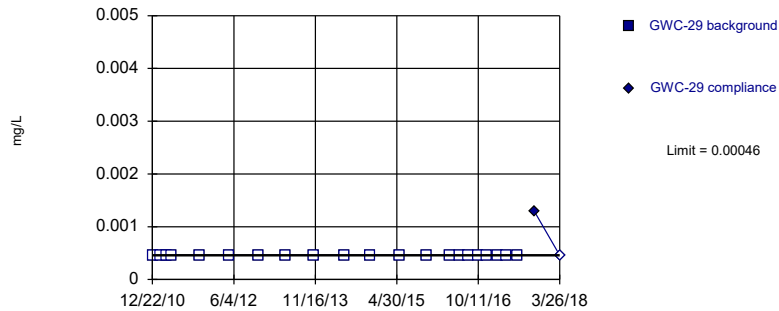


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

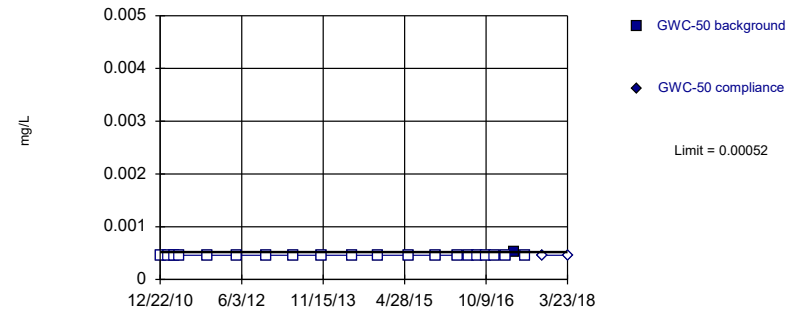


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

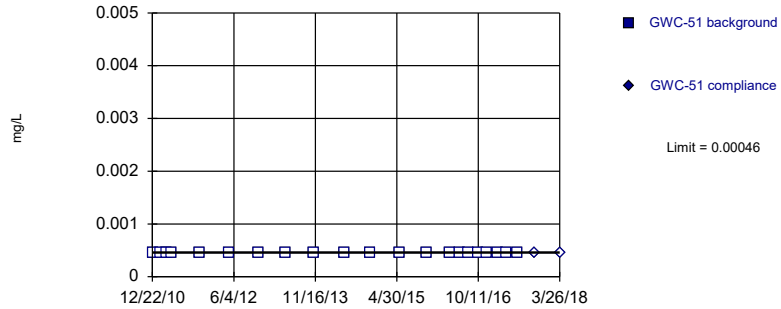
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

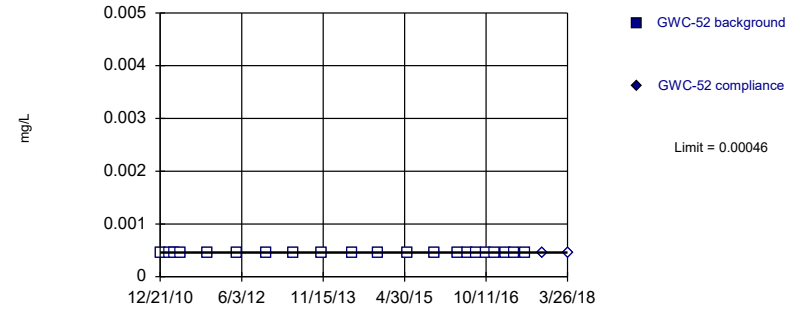
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

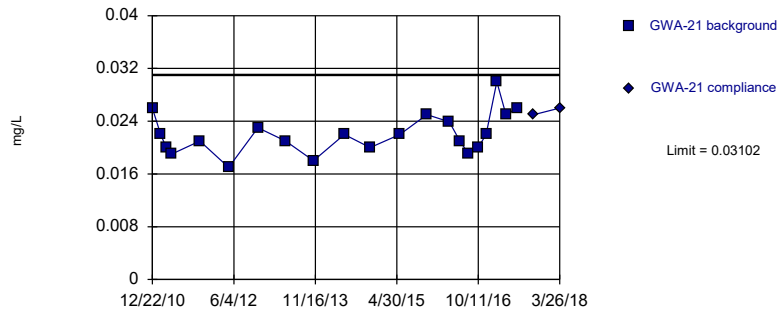
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

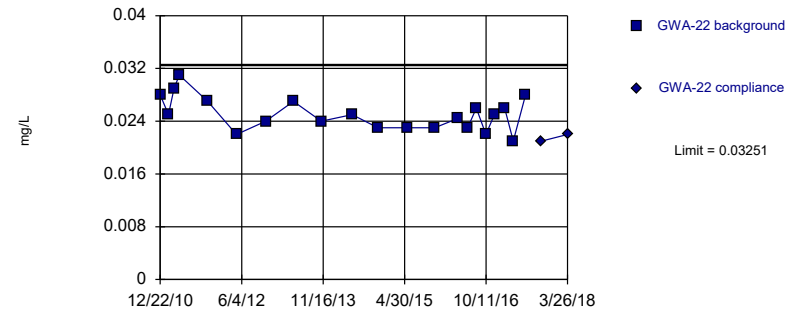
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.02204, Std. Dev.=0.003103, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9549, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

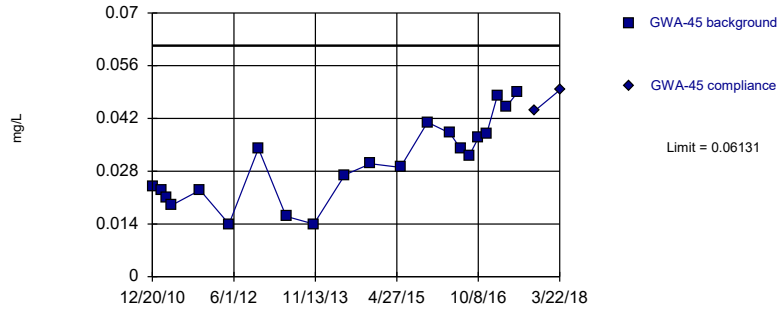
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.02507, Std. Dev.=0.002572, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9637, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

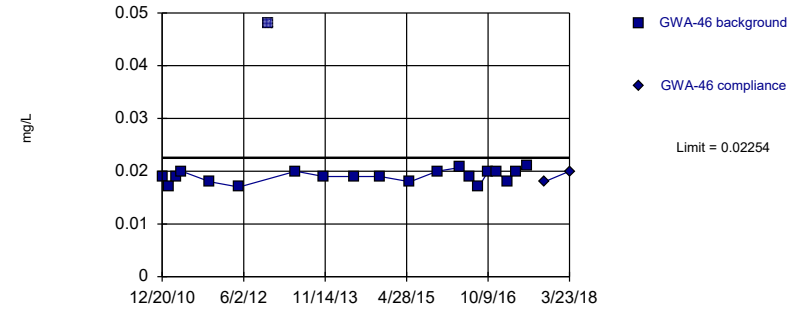
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.03029, Std. Dev.=0.01072, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9641, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

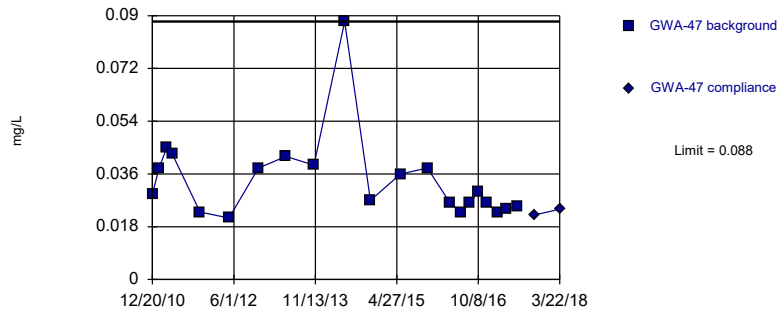
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01904, Std. Dev.=0.001211, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9132, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

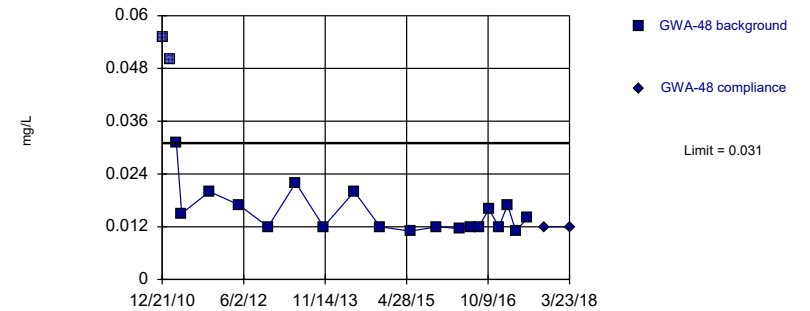
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

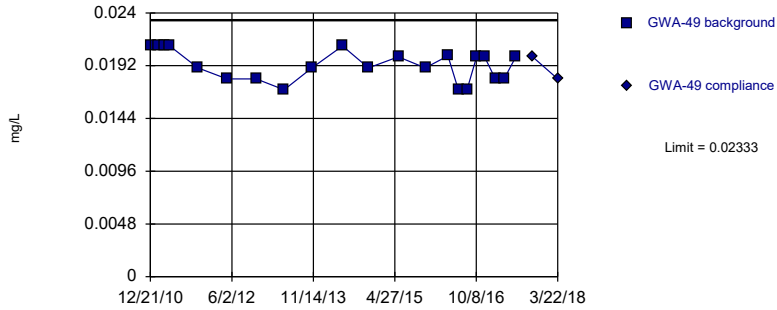
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

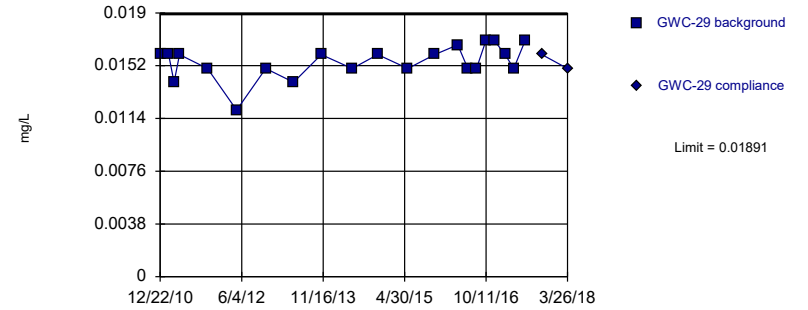
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01924, Std. Dev.=0.001414, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8979, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

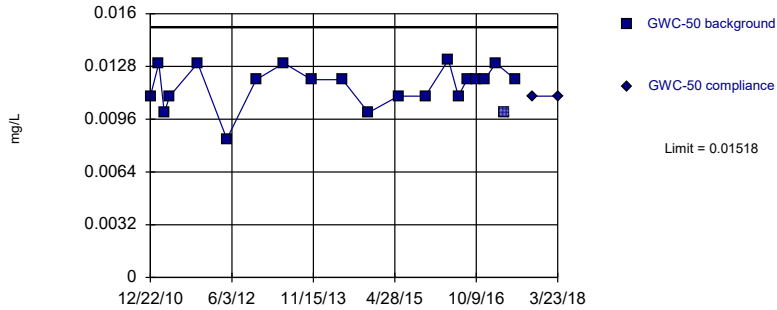
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01546, Std. Dev.=0.001192, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8775, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

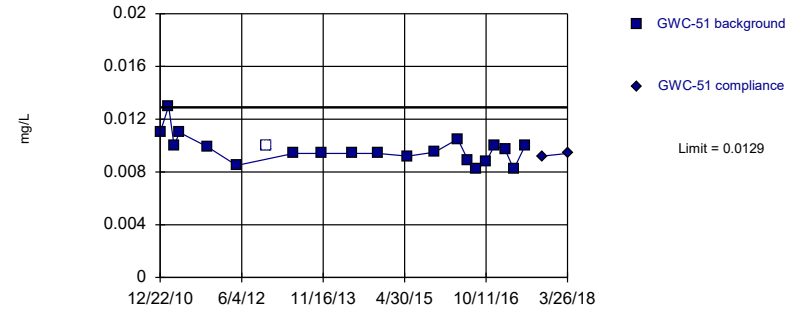
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01163, Std. Dev.=0.001228, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8951, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric

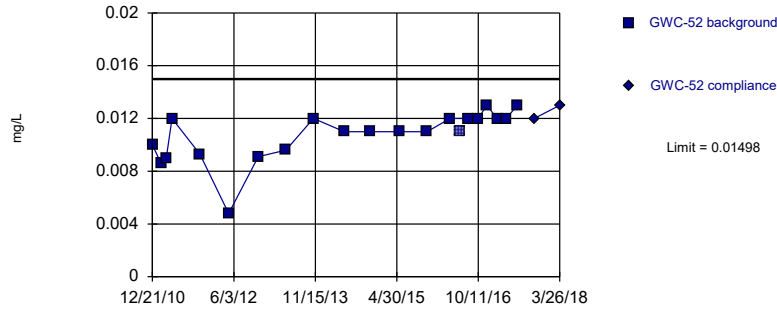


Background Data Summary: Mean=0.0097, Std. Dev.=0.001106, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8978, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

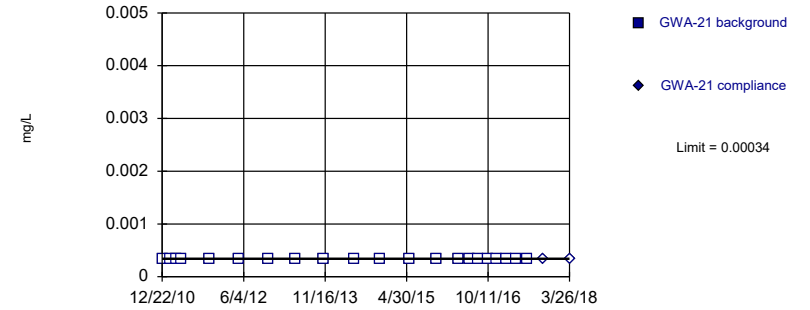


Background Data Summary (based on square transformation): Mean=0.0001185, Std. Dev.=0.00003665, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.908, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

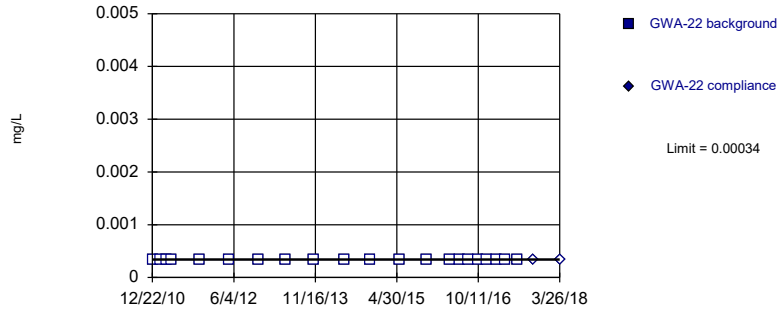


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

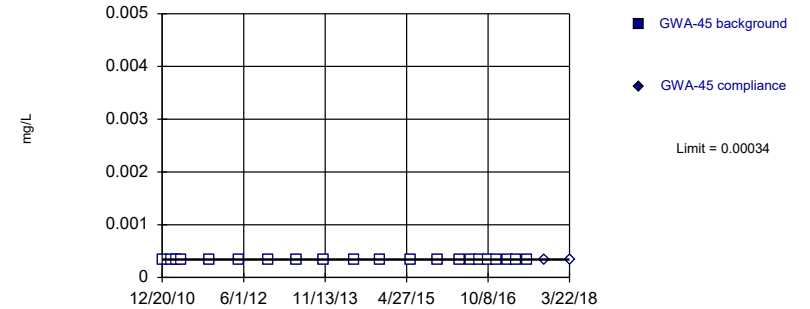


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



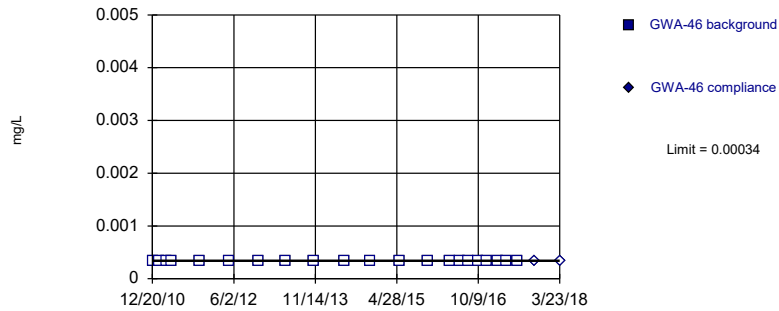
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



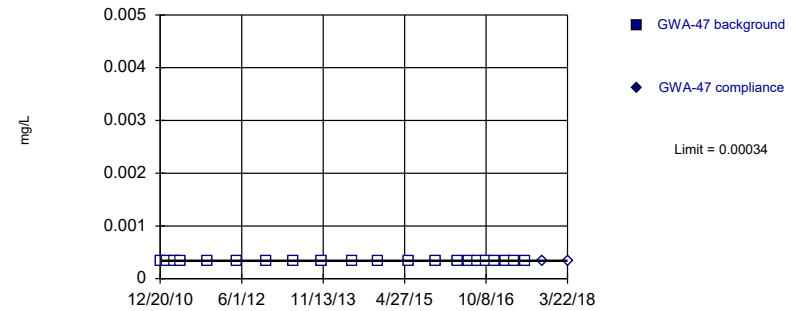
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



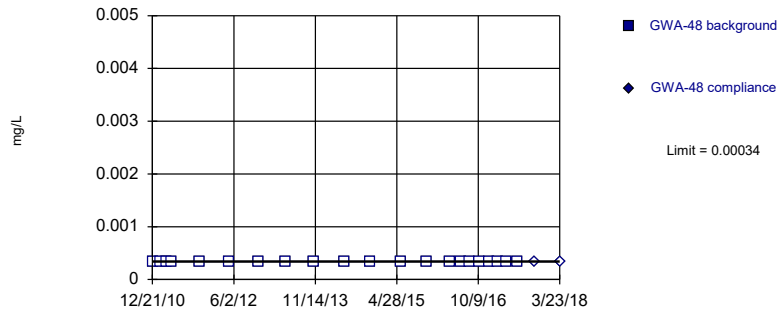
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



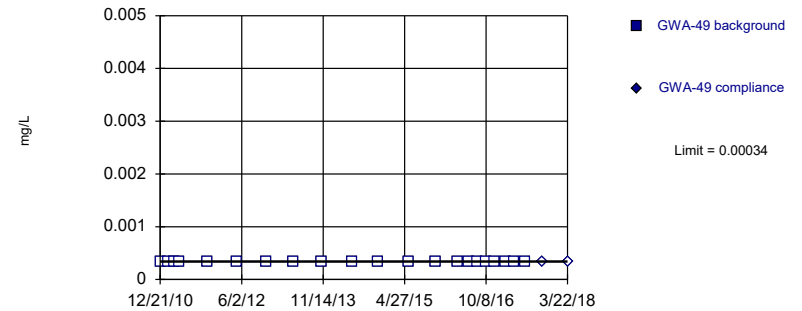
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



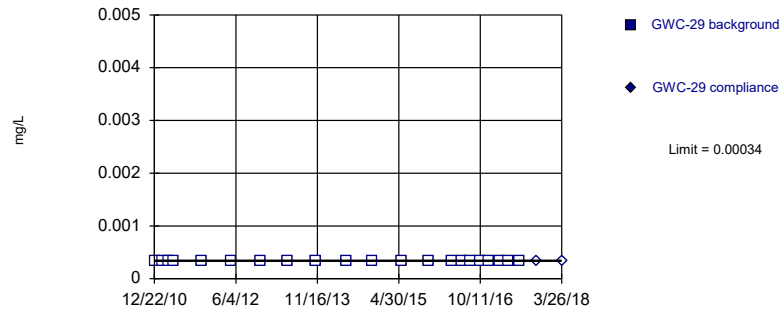
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



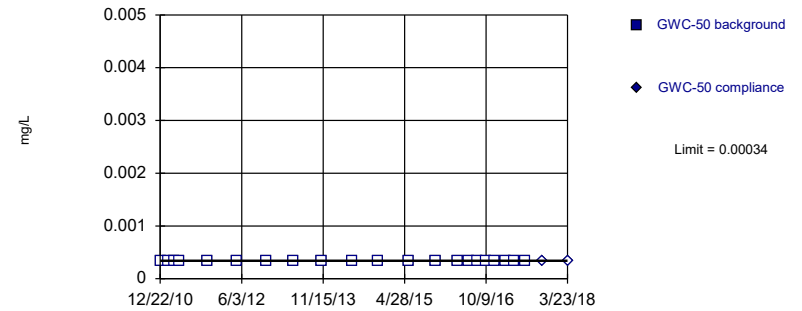
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



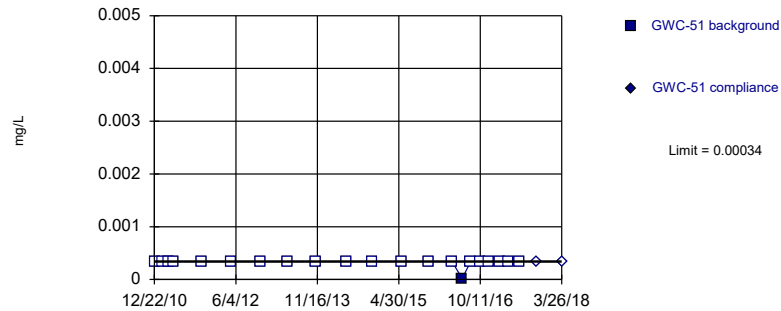
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



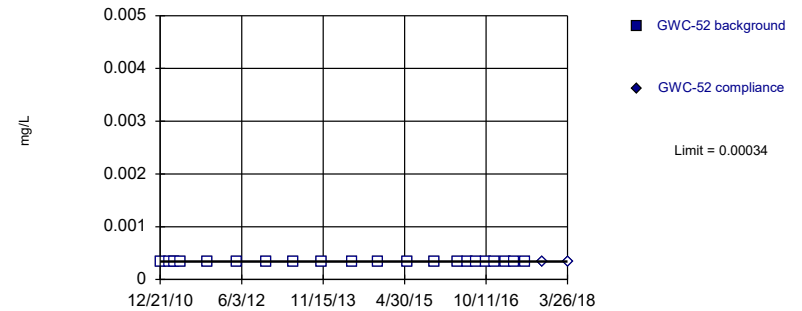
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

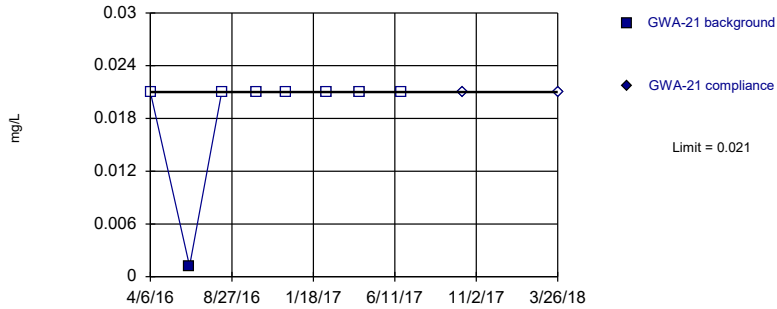
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

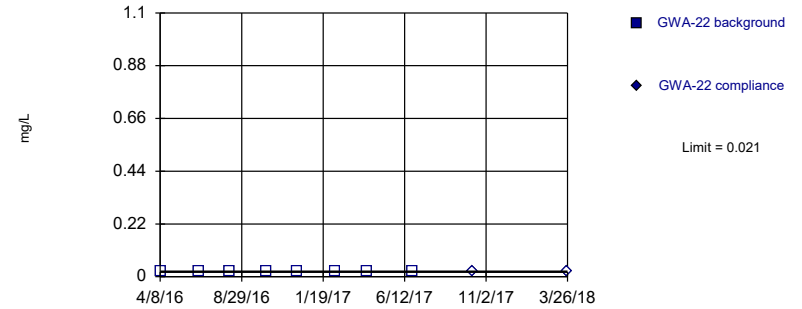
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

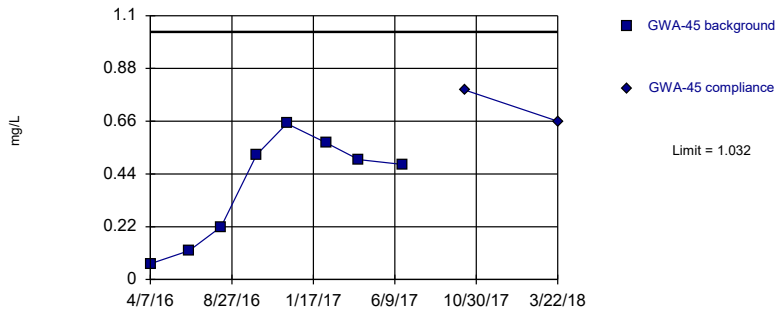
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

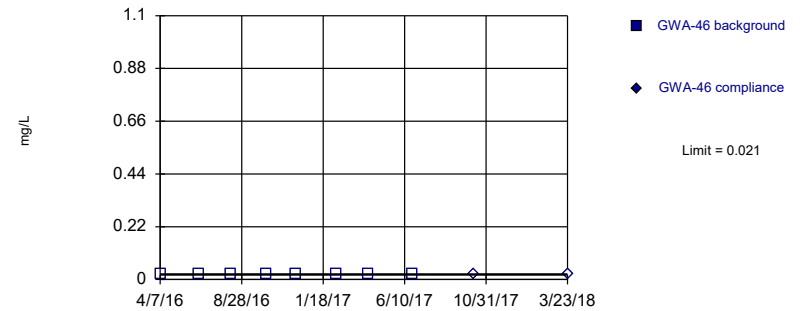
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.3907, Std. Dev.=0.2217, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8773, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric

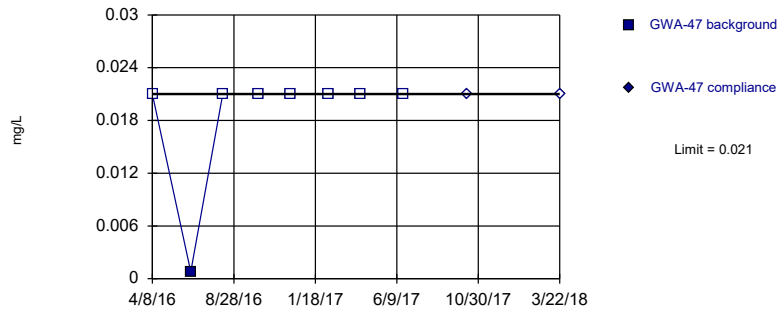


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

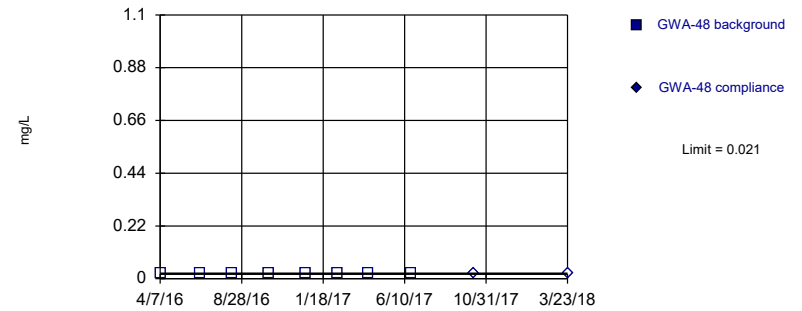


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

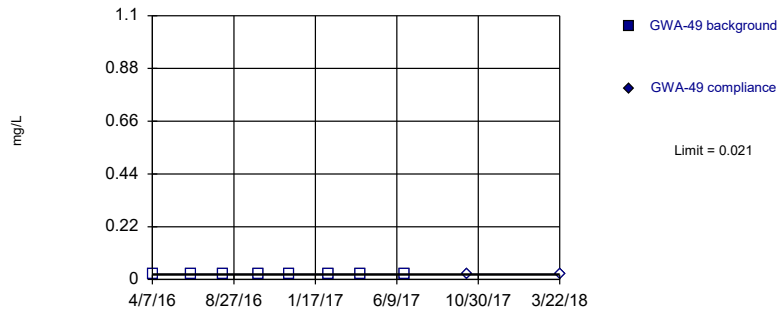


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

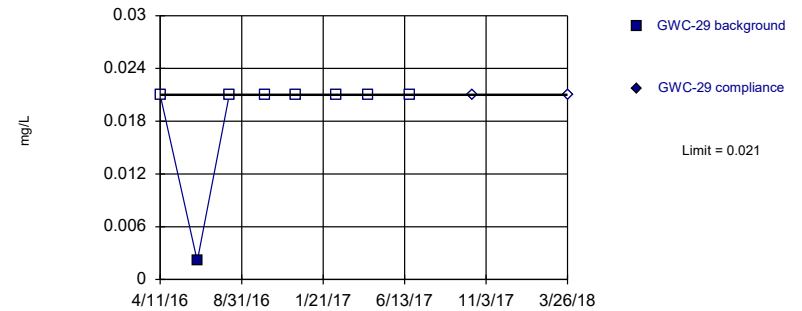


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

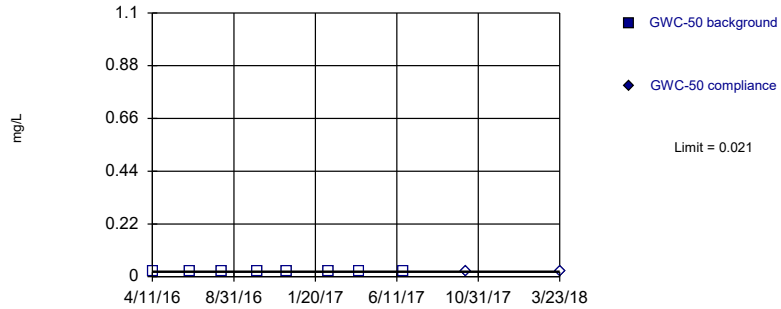
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

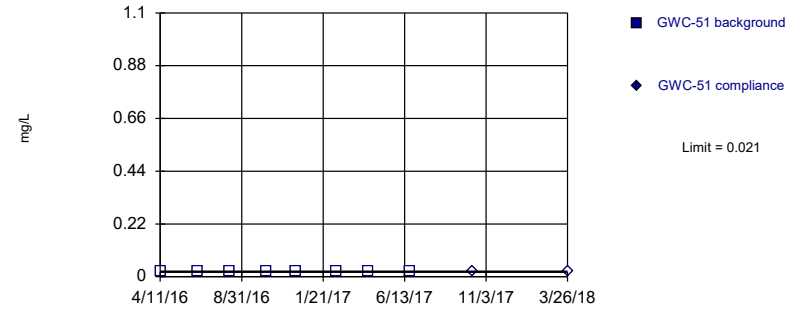
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

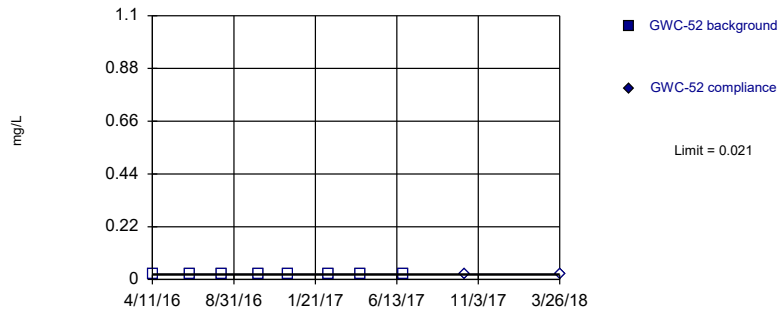
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

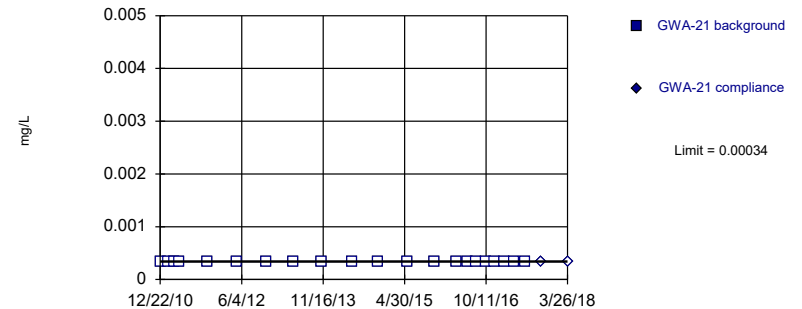
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric

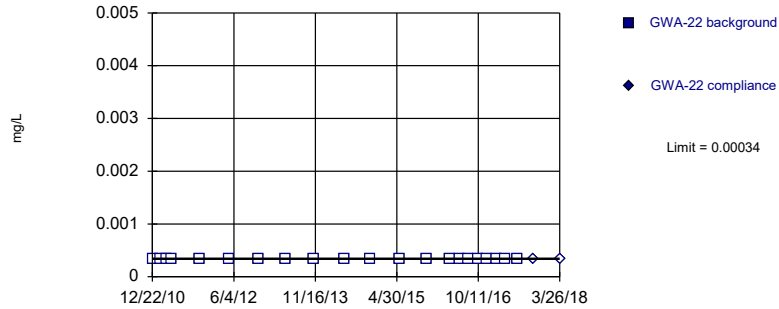


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

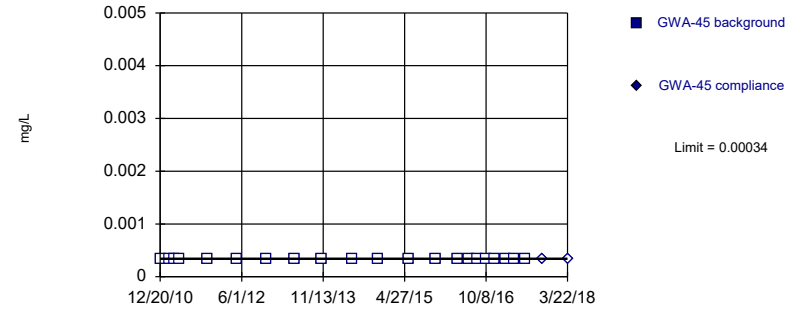


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

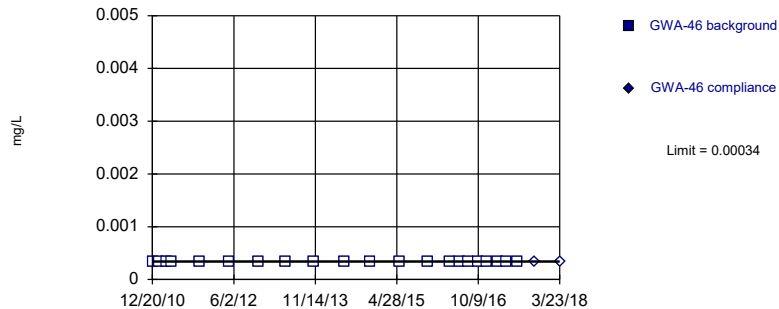


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

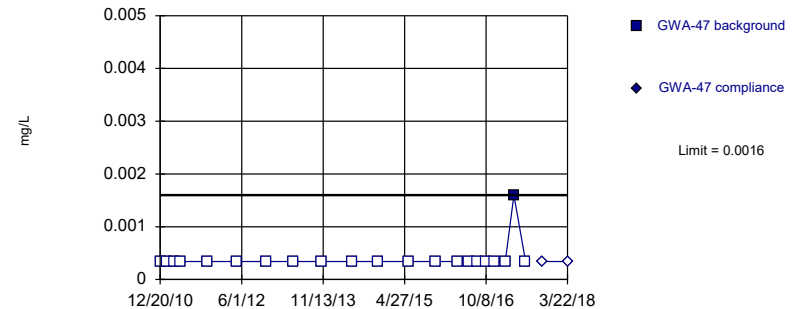


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

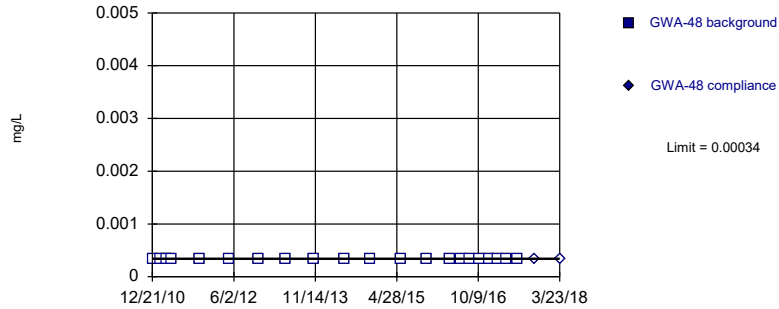


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

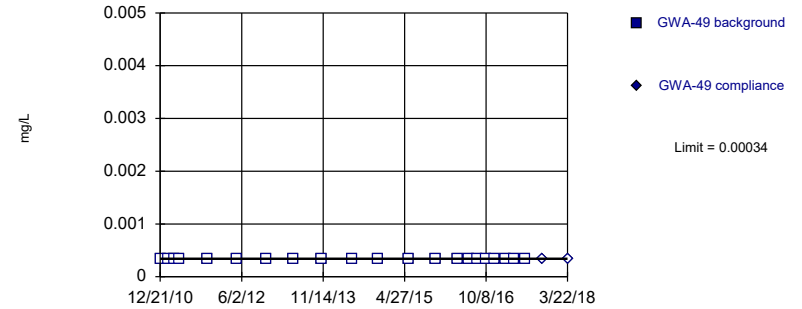


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

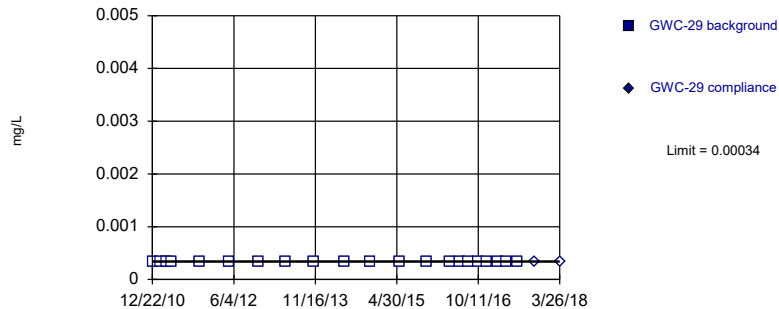


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

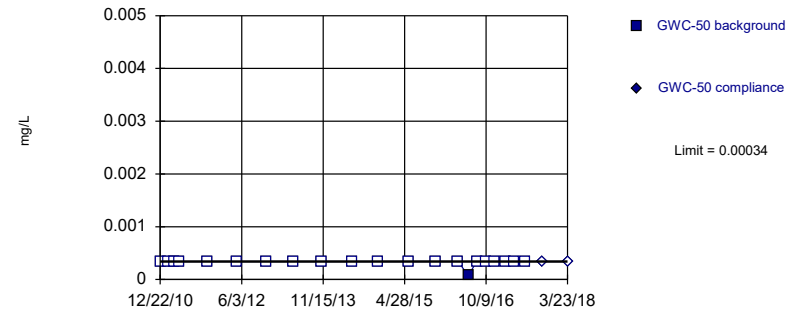


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

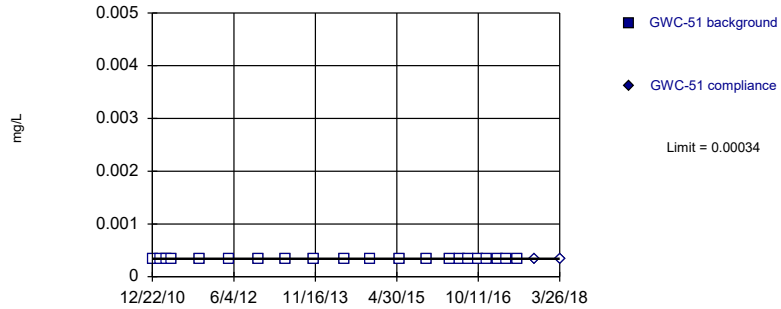
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

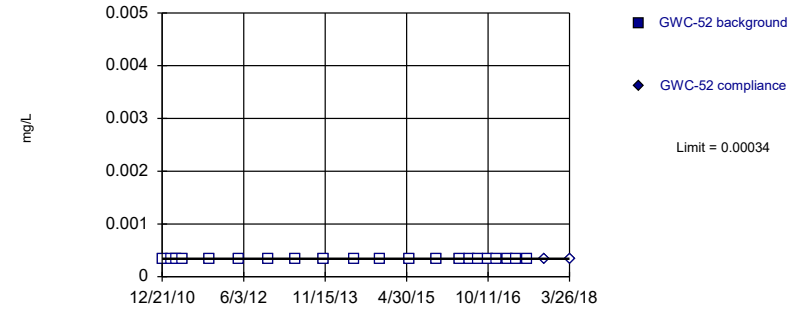
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

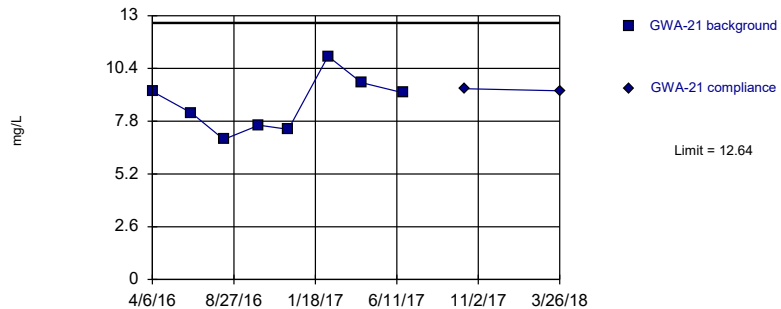
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

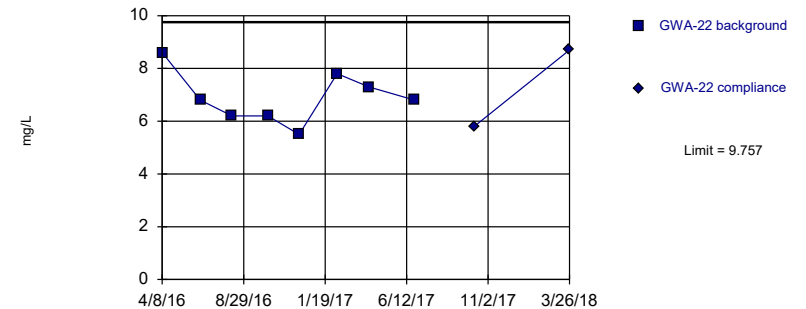
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=8.659, Std. Dev.=1.375, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9551, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

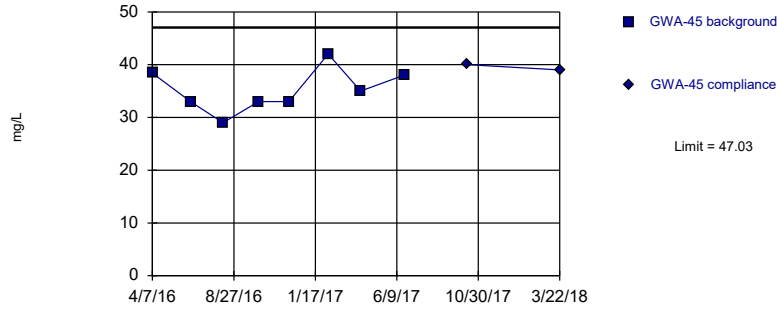
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.9, Std. Dev.=0.9871, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9715, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

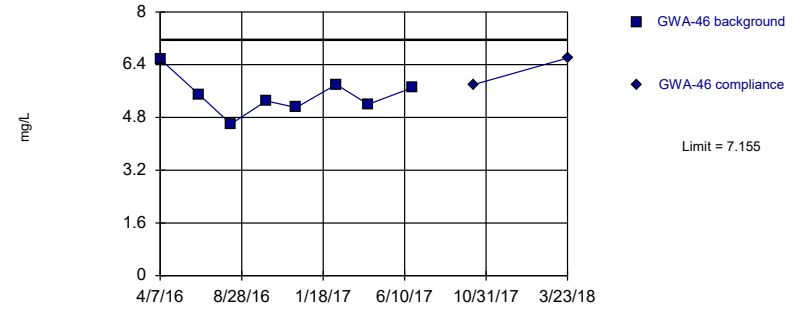
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=35.16, Std. Dev.=4.102, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9526, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

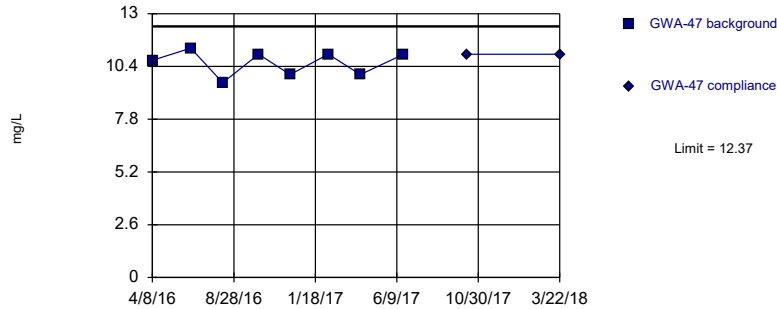
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=5.471, Std. Dev.=0.5817, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9654, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

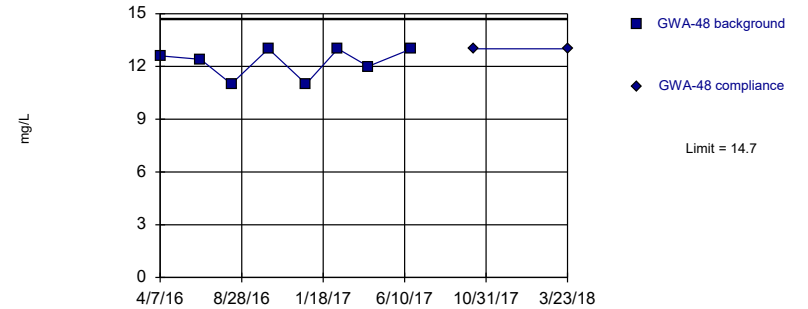
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=10.58, Std. Dev.=0.6205, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8759, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

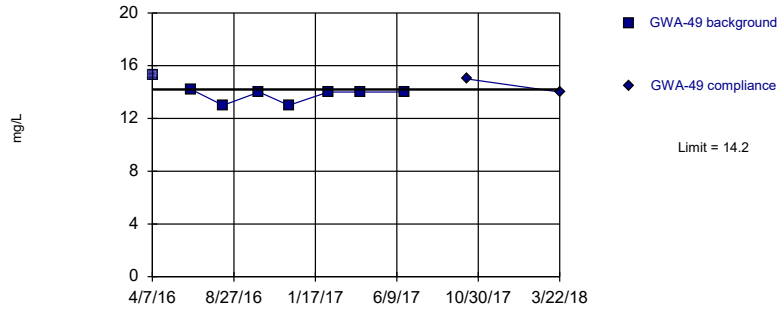
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=12.25, Std. Dev.=0.8468, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8199, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

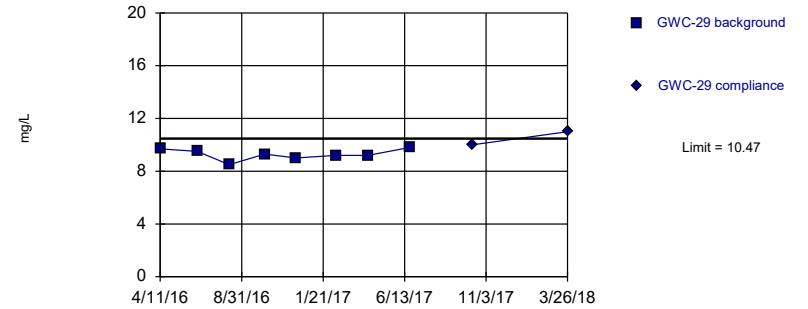
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 7 background values. Well-constituent pair annual alpha = 0.05455. Individual comparison alpha = 0.02765 (1 of 2).

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

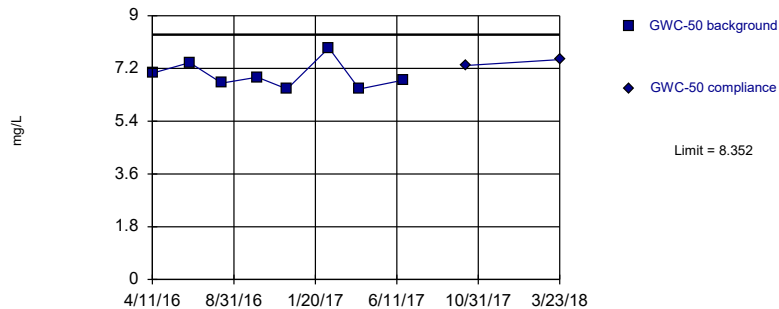
Exceeds Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=9.275, Std. Dev.=0.4132, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9512, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

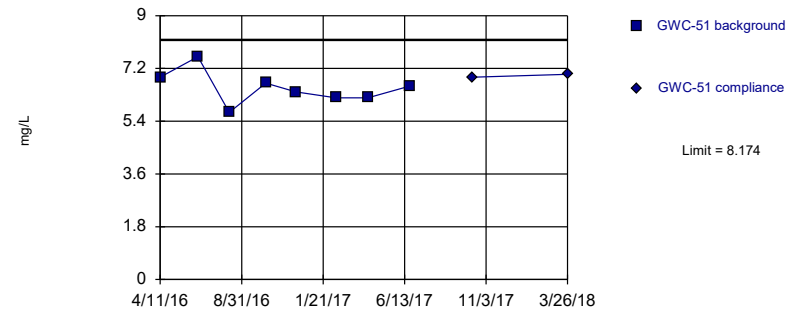
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.968, Std. Dev.=0.4786, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8936, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric

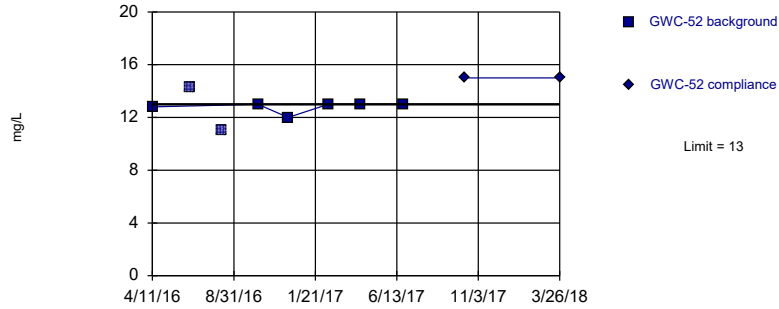


Background Data Summary: Mean=6.538, Std. Dev.=0.5655, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9649, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

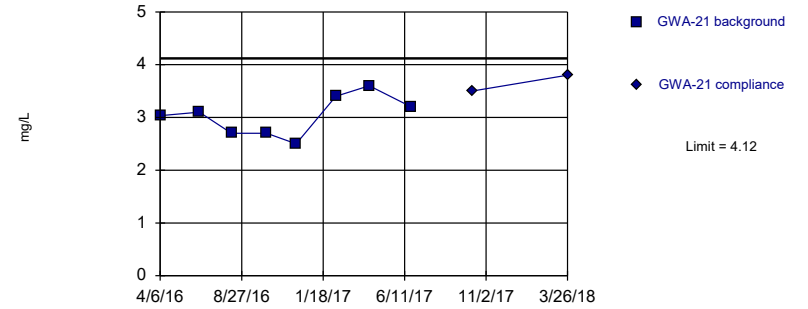


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 6 background values. Well-constituent pair annual alpha = 0.06667. Individual comparison alpha = 0.03391 (1 of 2).

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

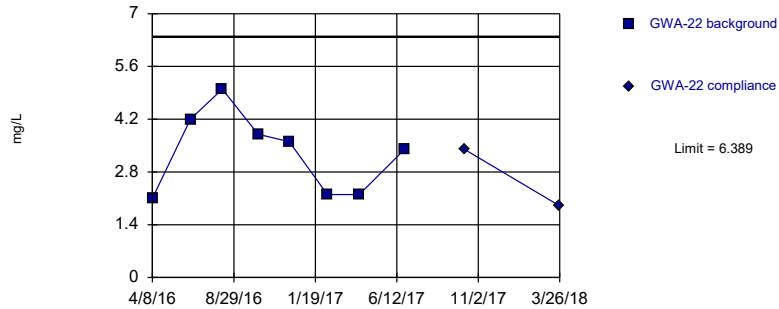


Background Data Summary: Mean=3.029, Std. Dev.=0.3769, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9621, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

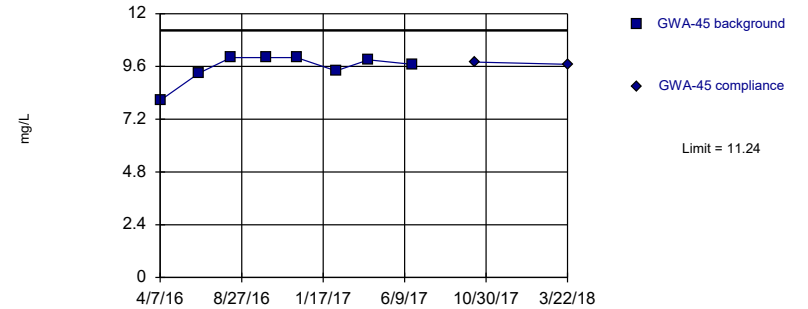


Background Data Summary: Mean=3.313, Std. Dev.=1.063, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9068, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

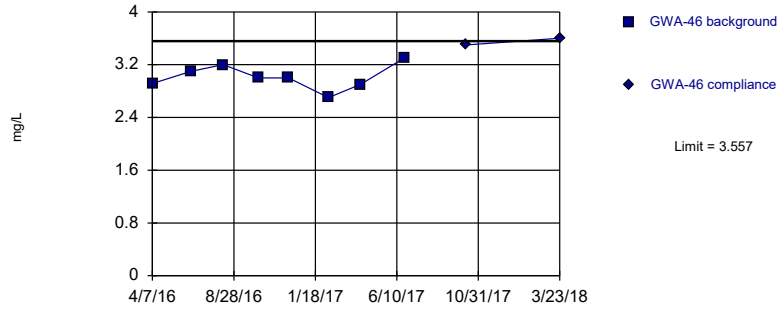


Background Data Summary (based on square transformation): Mean=91.47, Std. Dev.=12.03, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7639, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

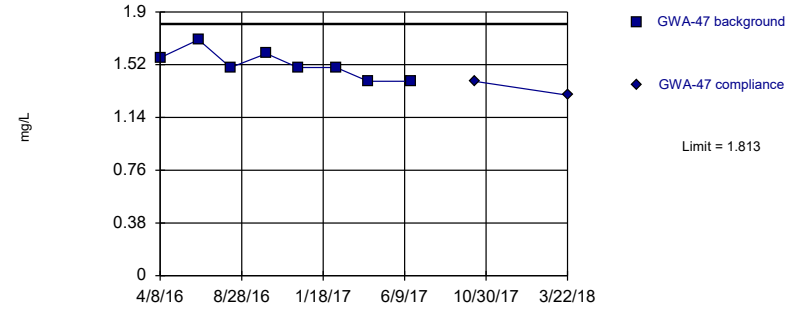


Background Data Summary: Mean=3.014, Std. Dev.=0.1874, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9788, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

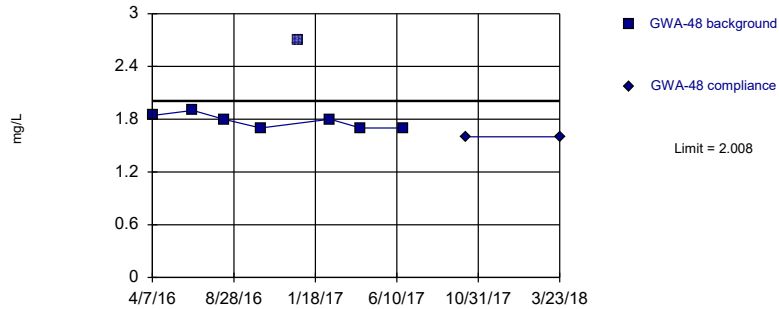


Background Data Summary: Mean=1.521, Std. Dev.=0.1009, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9268, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

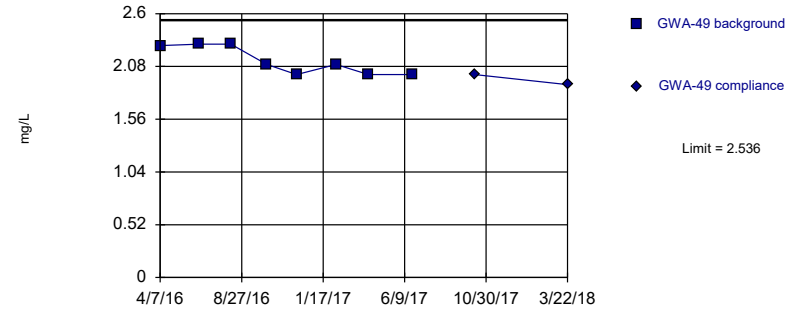


Background Data Summary: Mean=1.777, Std. Dev.=0.07979, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8644, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

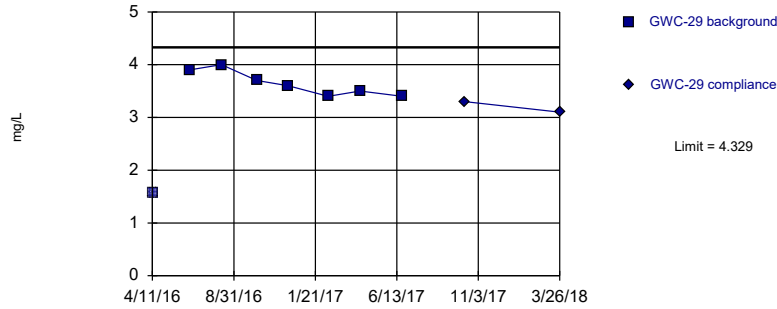
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.136, Std. Dev.=0.1384, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7934, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

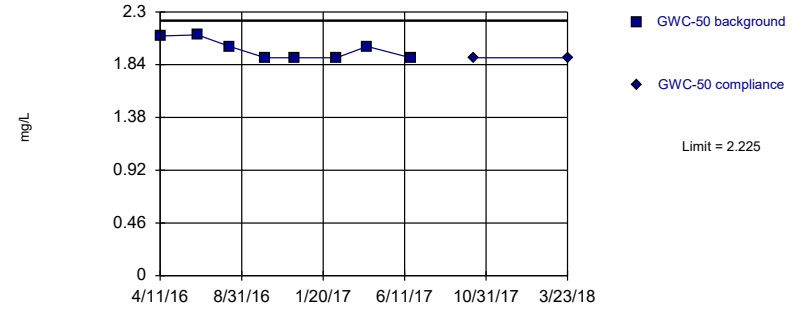
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.643, Std. Dev.=0.237, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9089, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

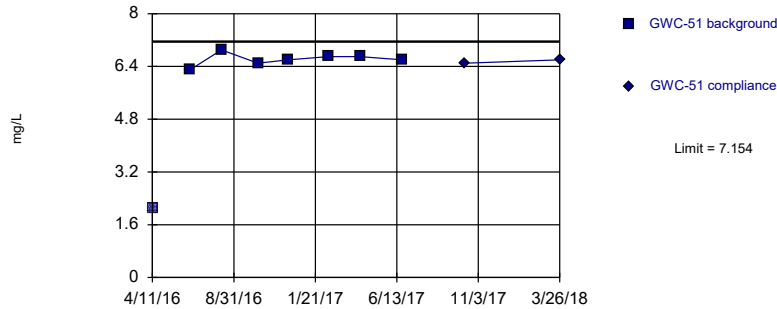
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.974, Std. Dev.=0.08667, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7929, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

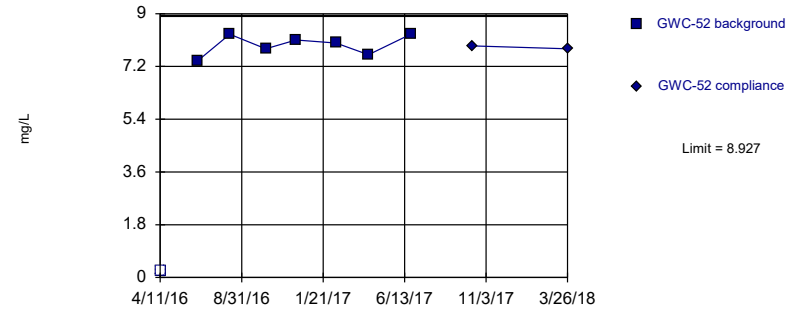
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.614, Std. Dev.=0.1864, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9649, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric

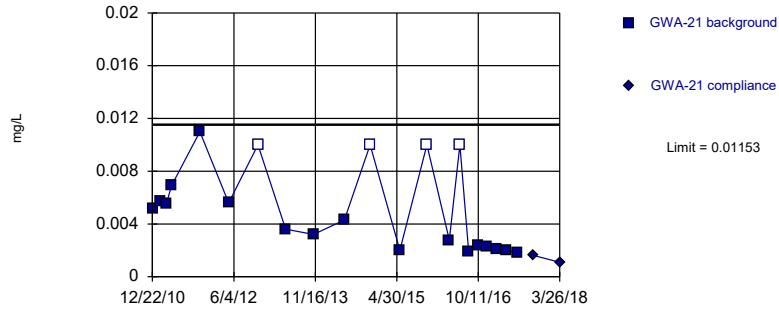


Background Data Summary: Mean=7.929, Std. Dev.=0.345, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9303, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

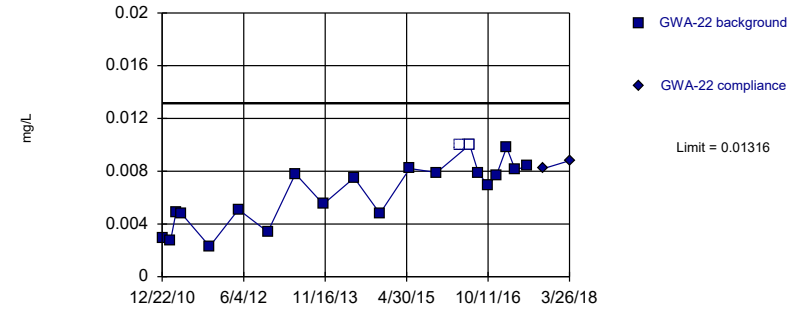


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05918, Std. Dev.=0.01665, n=21, 19.05% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8805, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

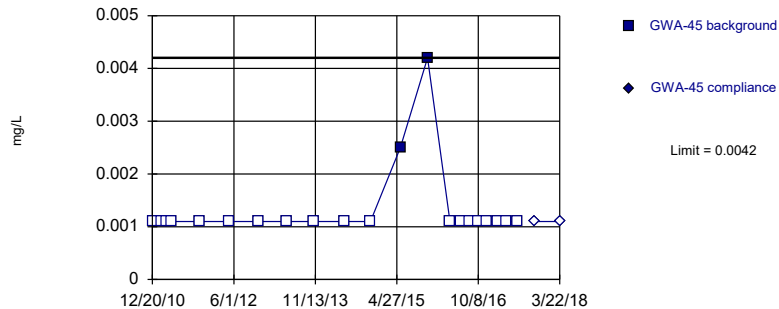


Background Data Summary: Mean=0.00633, Std. Dev.=0.00236, n=20, 5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9272, critical = 0.868. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

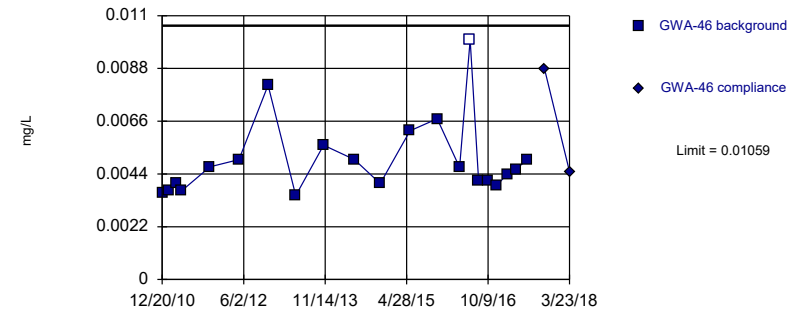


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric



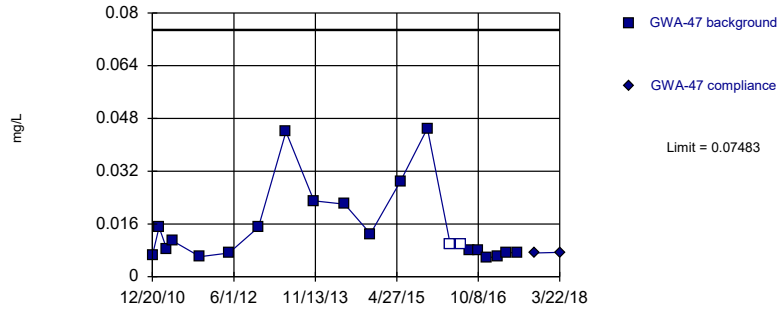
Background Data Summary (based on natural log transformation): Mean=-5.342, Std. Dev.=0.2744, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8804, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



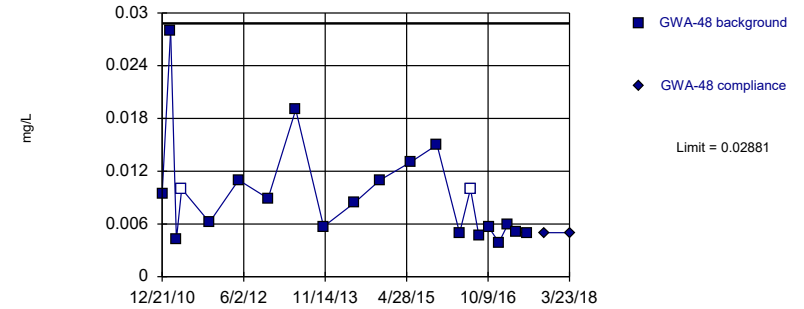
Background Data Summary (based on natural log transformation): Mean=-4.45, Std. Dev.=0.6417, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8805, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



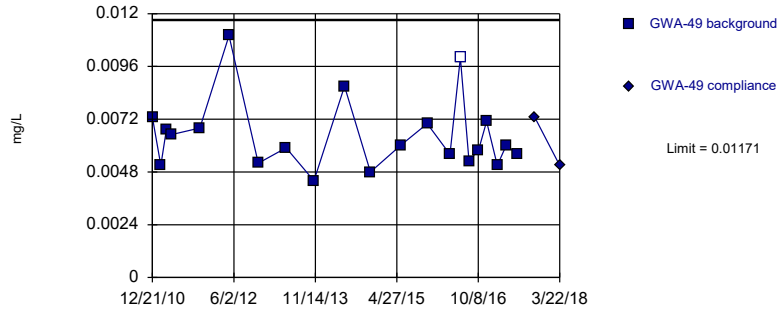
Background Data Summary (based on square root transformation): Mean=0.0928, Std. Dev.=0.02659, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8852, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



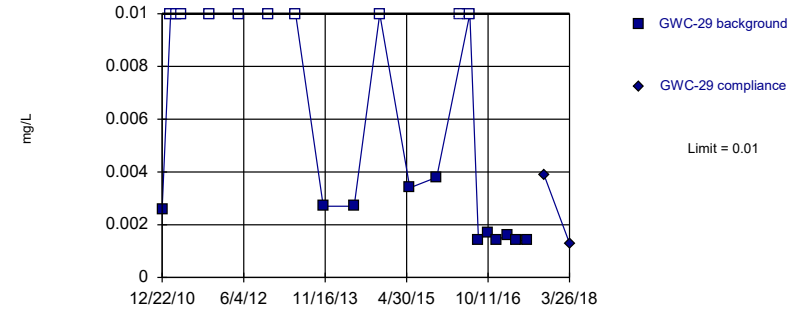
Background Data Summary (based on square root transformation): Mean=0.07987, Std. Dev.=0.009799, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8998, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

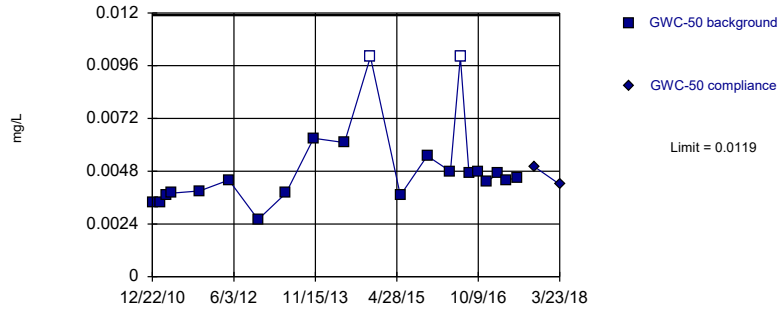


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 45% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

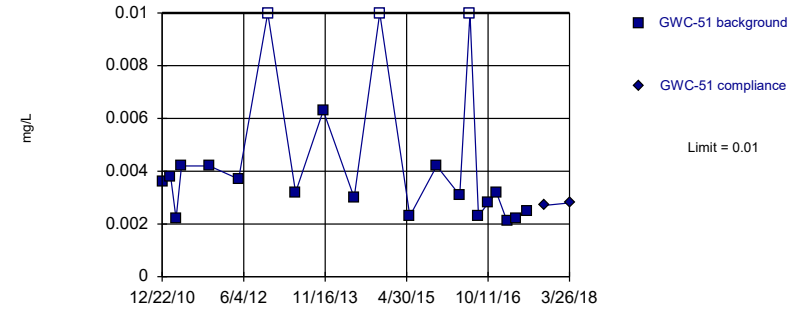


Background Data Summary (based on natural log transformation): Mean=-5.376, Std. Dev.=0.3265, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8944, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

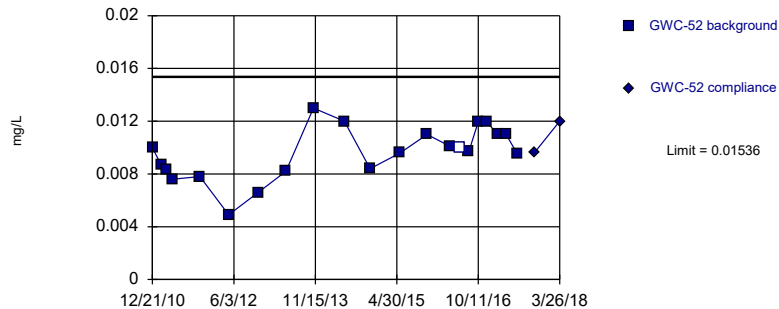


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 14.29% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

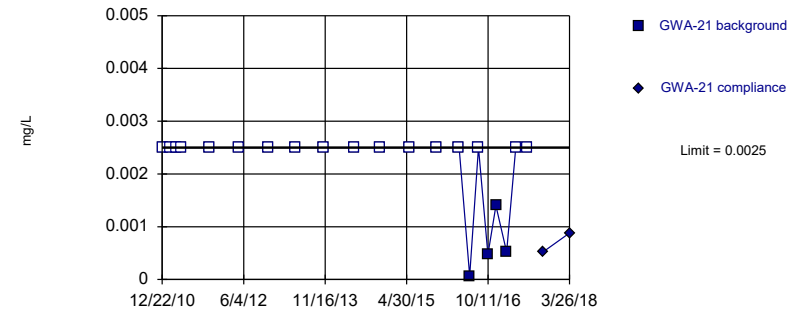


Background Data Summary: Mean=0.00959, Std. Dev.=0.001994, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9741, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



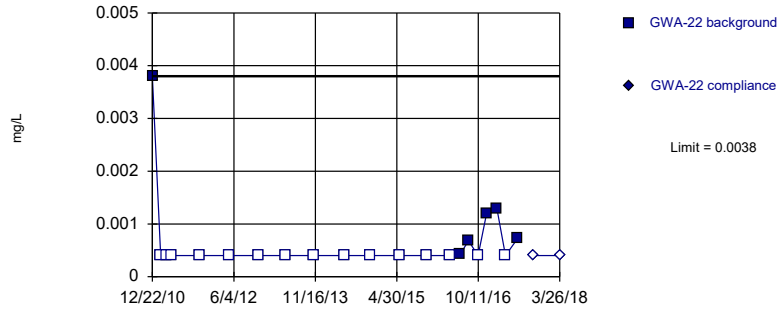
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



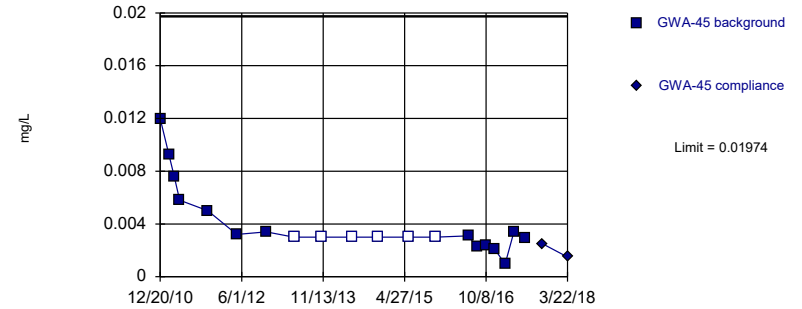
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



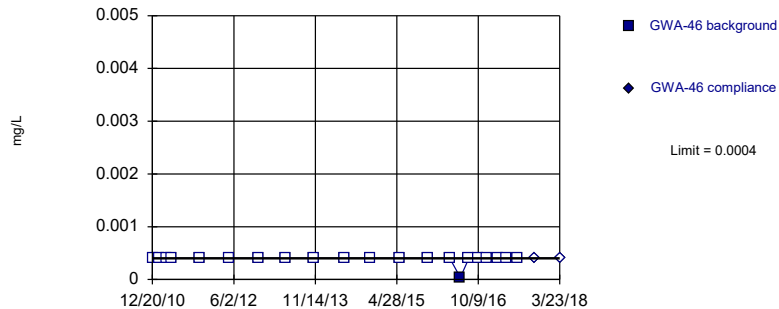
Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.806, Std. Dev.=0.6499, n=20, 30% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8881, critical = 0.868. Kappa overridden to 2.894.

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



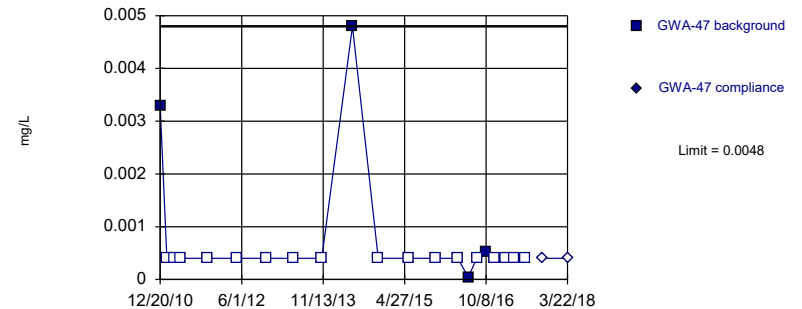
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

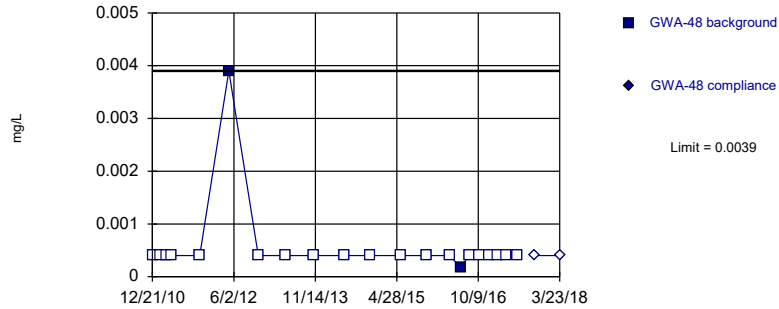


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

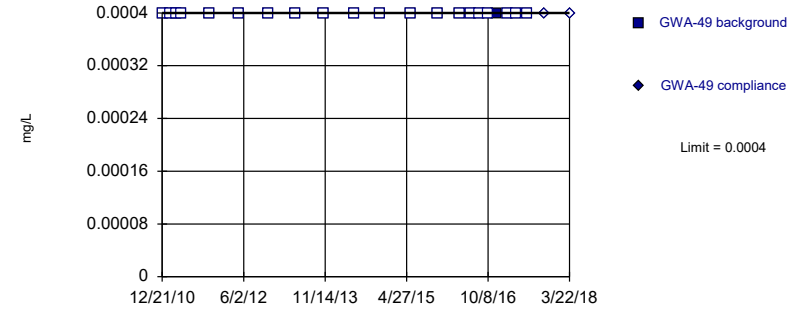


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

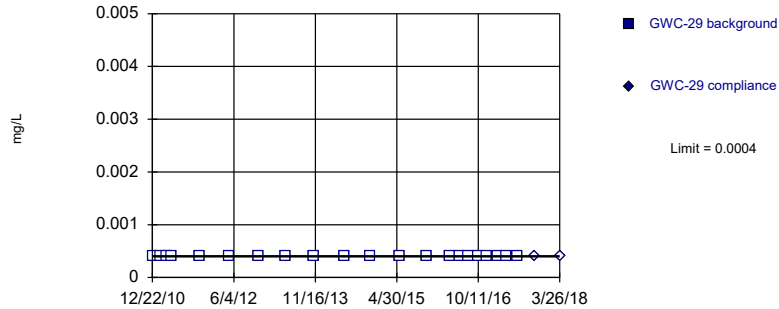


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

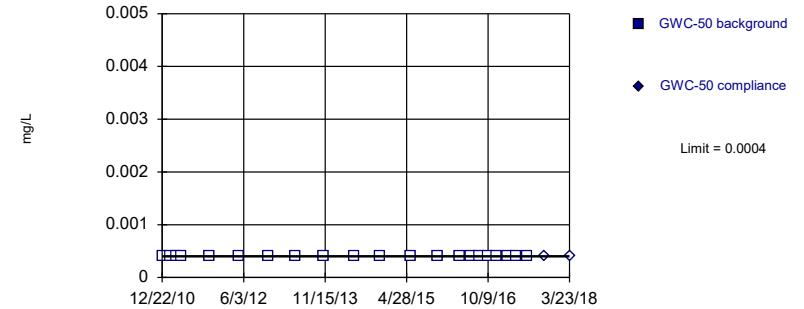


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

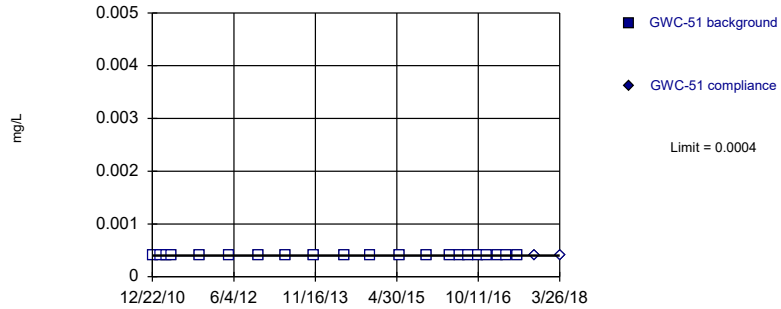


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

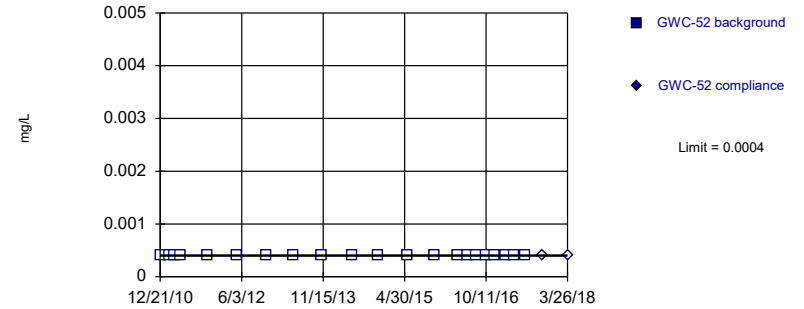


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

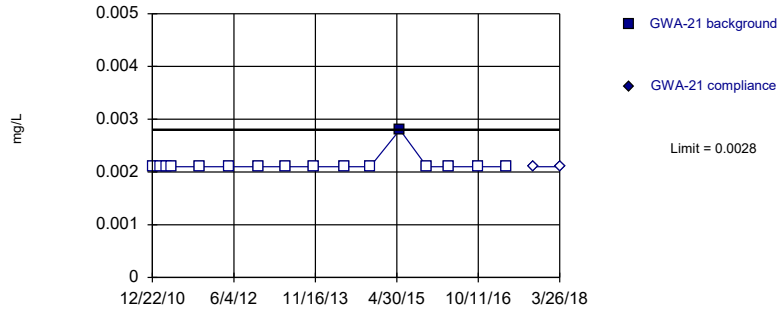


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

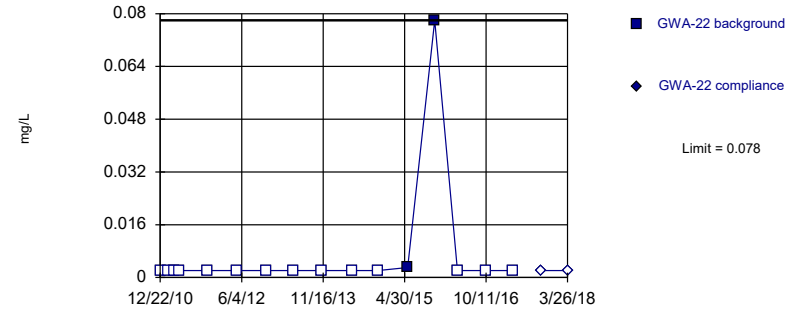


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

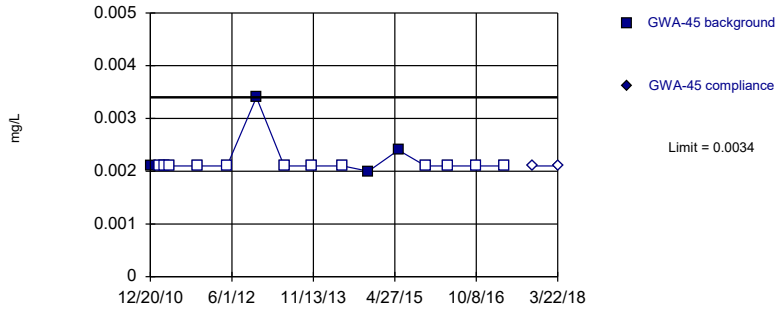


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

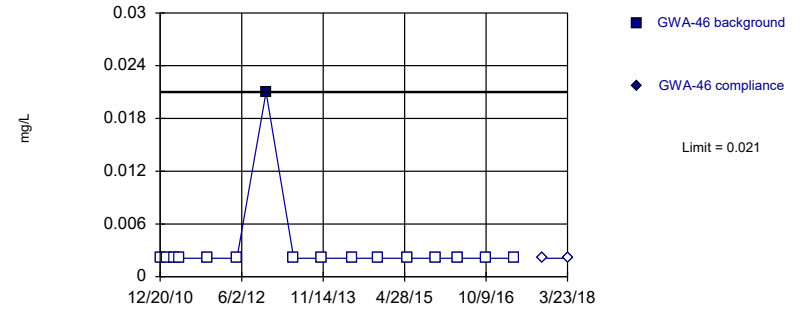


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

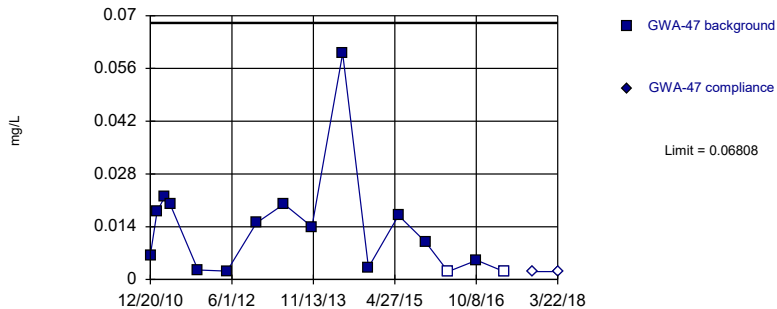


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

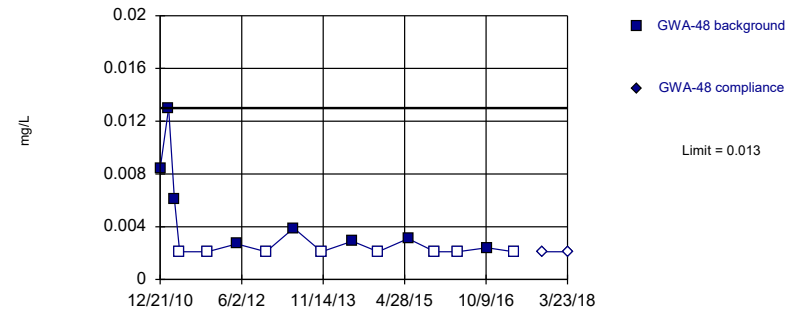


Background Data Summary (based on square root transformation): Mean=0.1049, Std. Dev.=0.05391, n=16, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8808, critical = 0.844. Kappa overridden to 2.894.

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

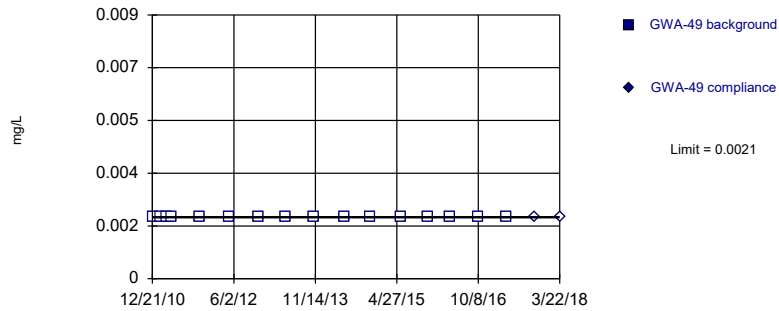


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 50% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

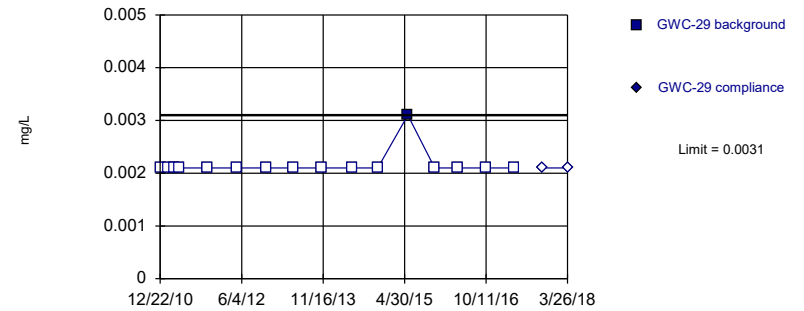


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

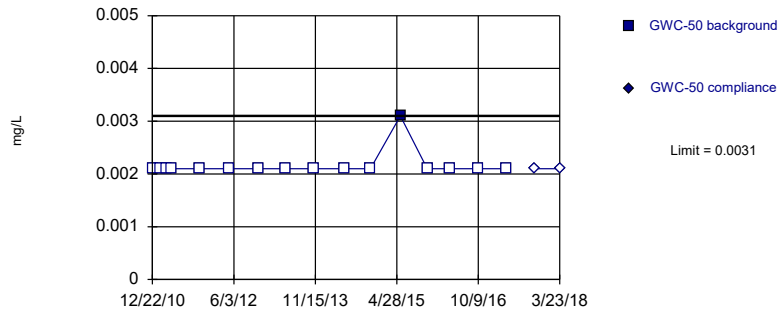


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

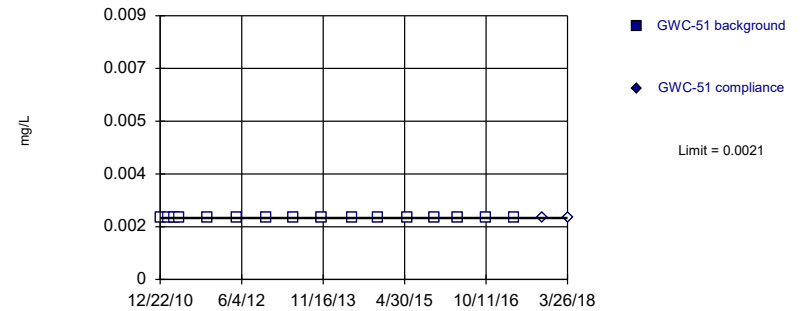


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

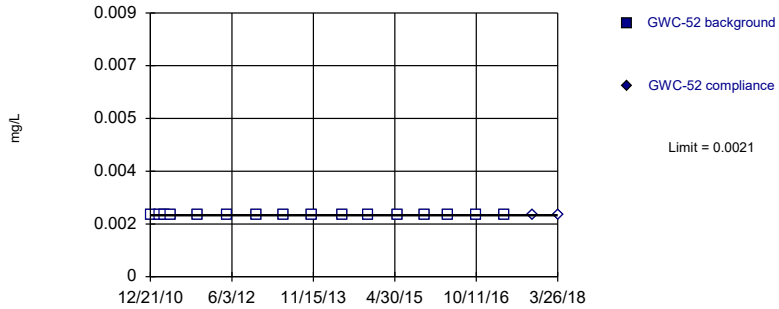
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

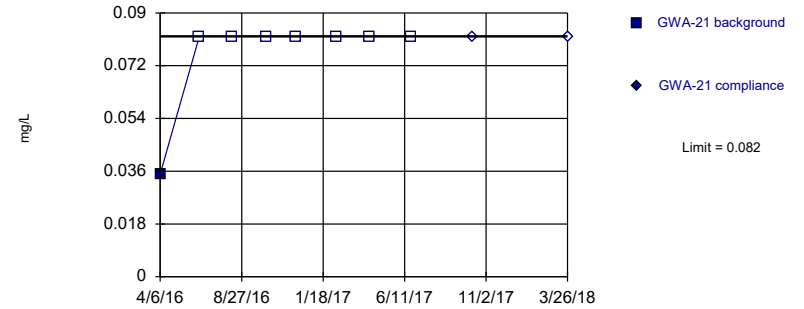
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

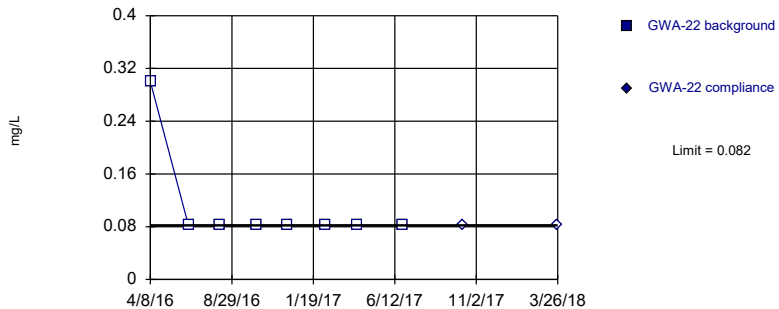
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

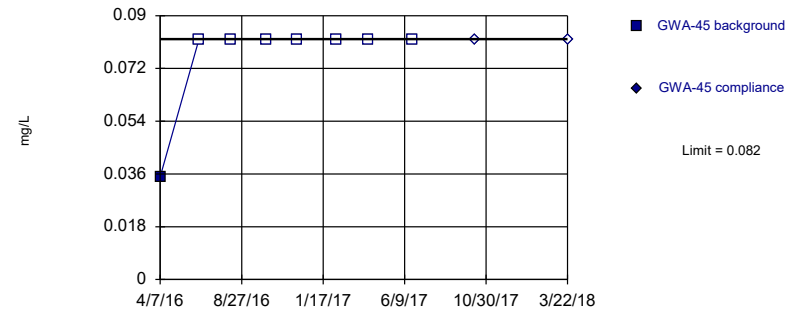
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric

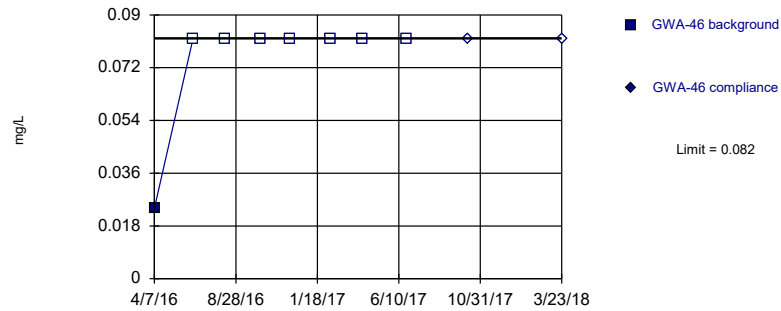


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

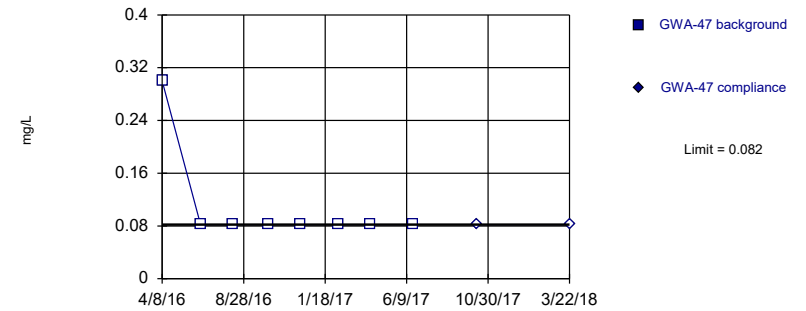


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

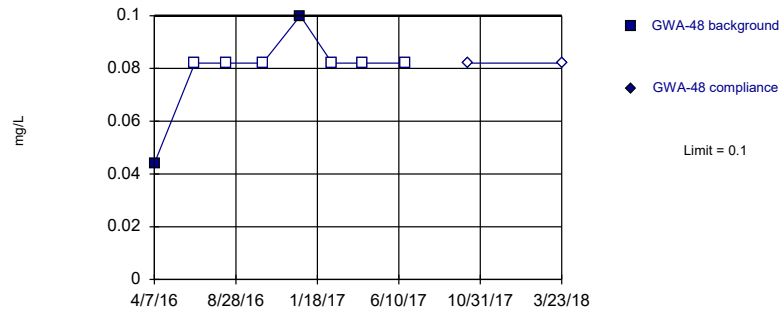


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

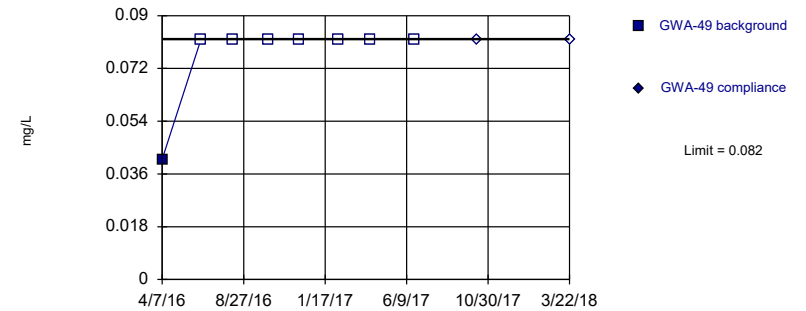


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

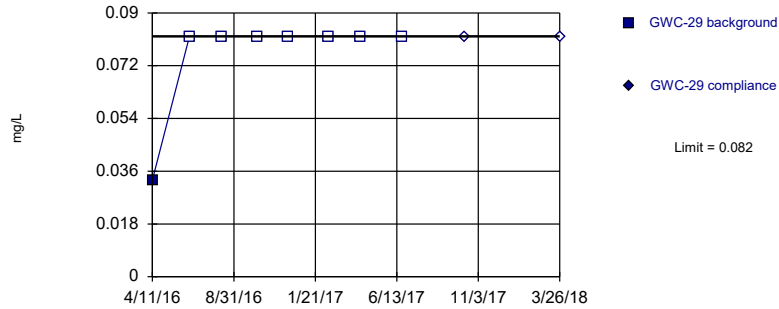


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

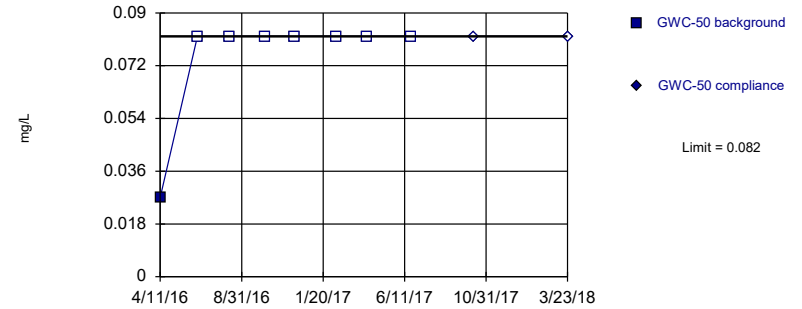


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

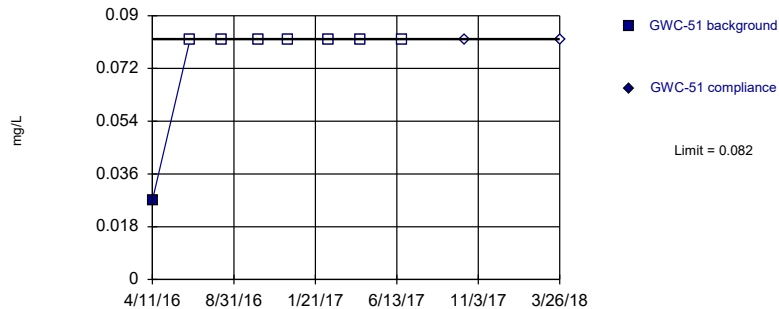


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

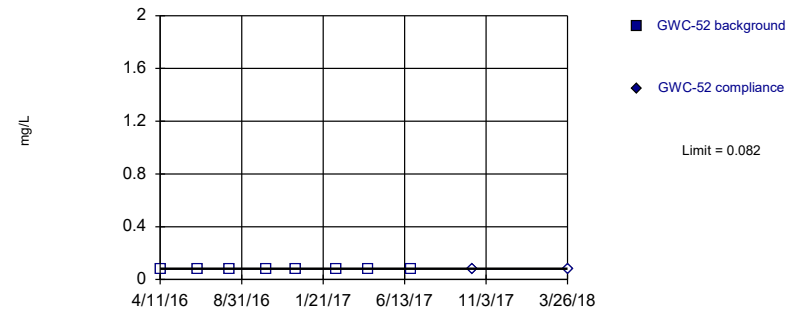


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

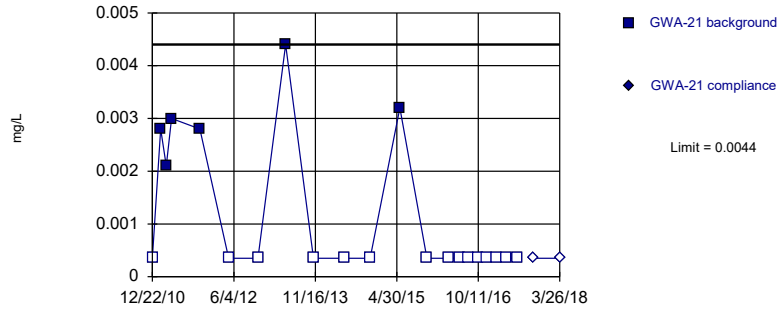


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

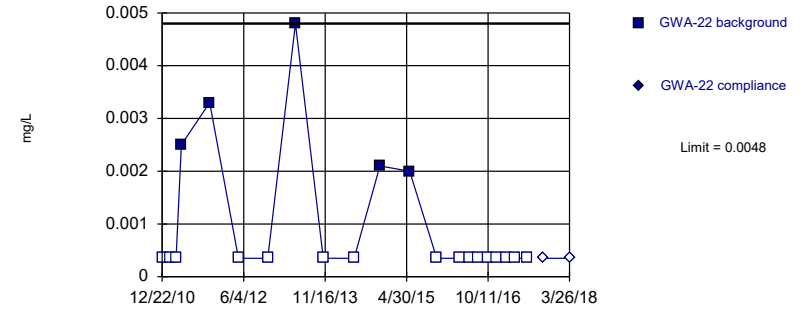


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

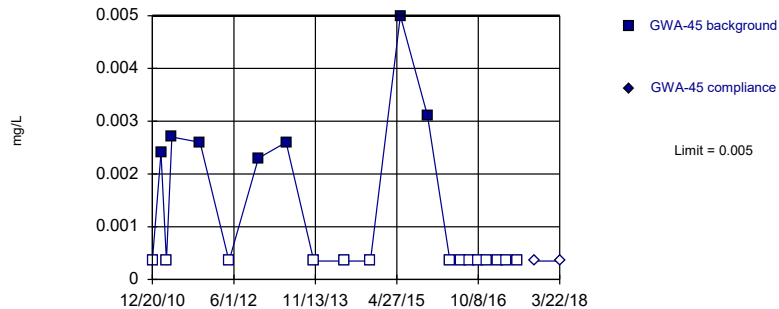


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

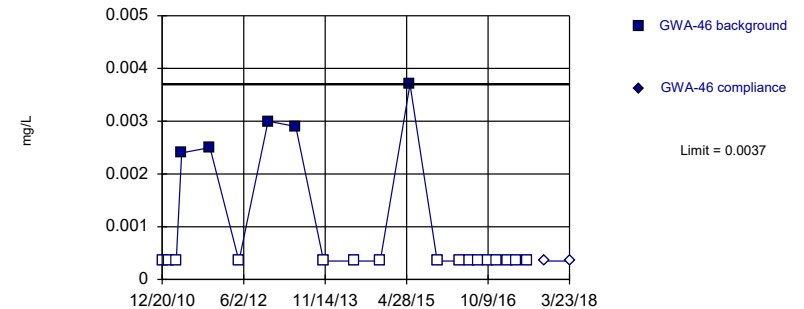


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



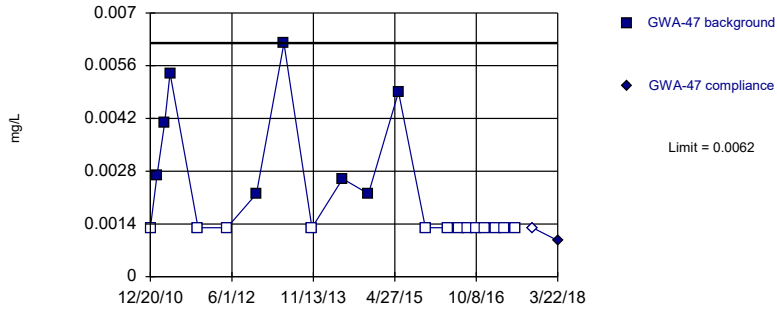
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



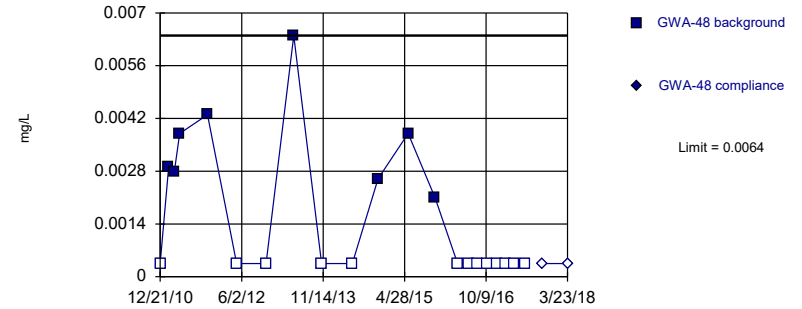
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



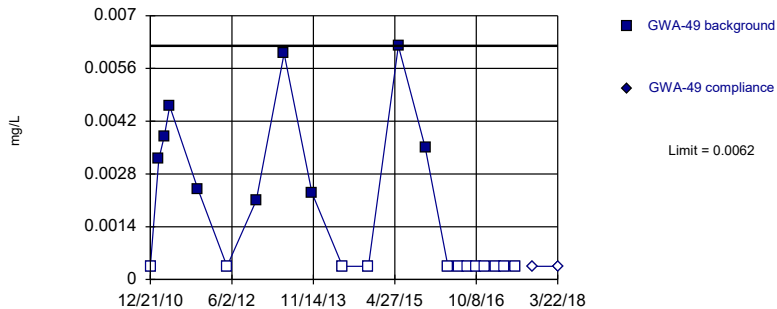
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



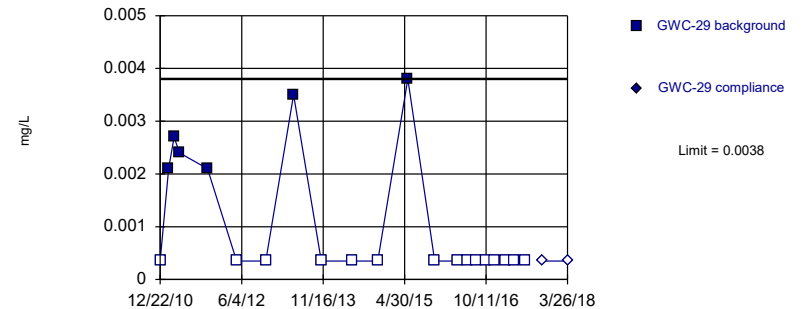
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 57.14% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

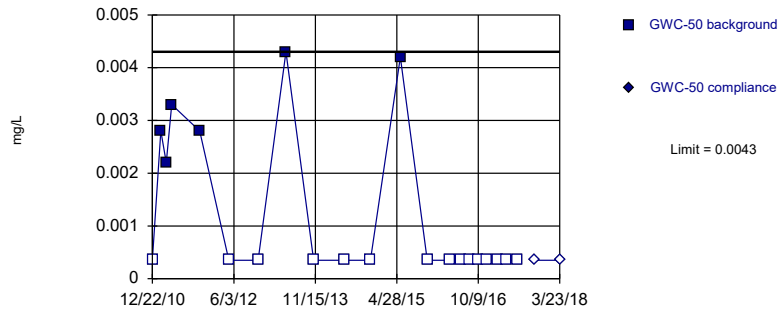


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

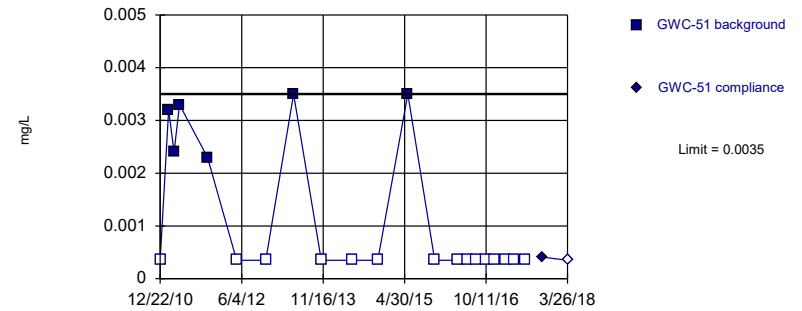


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

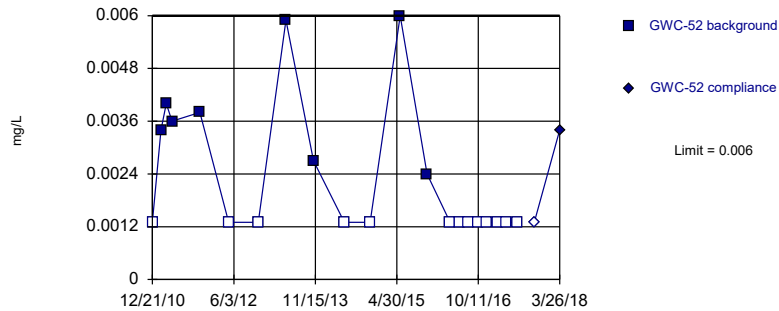


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

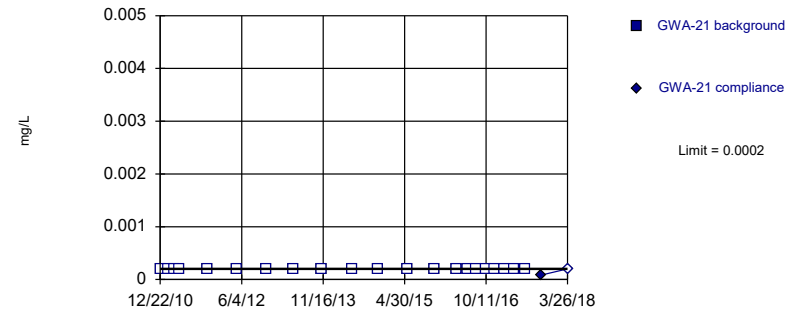


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

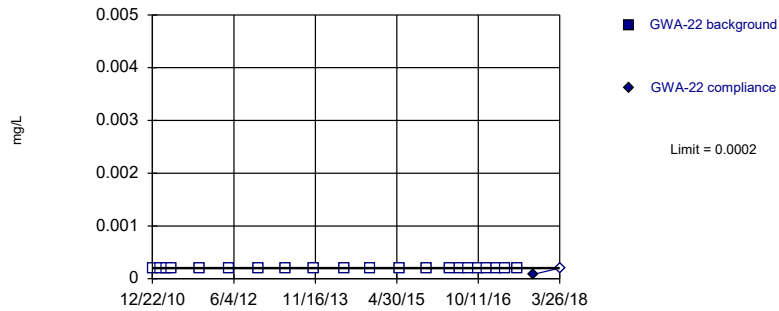


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

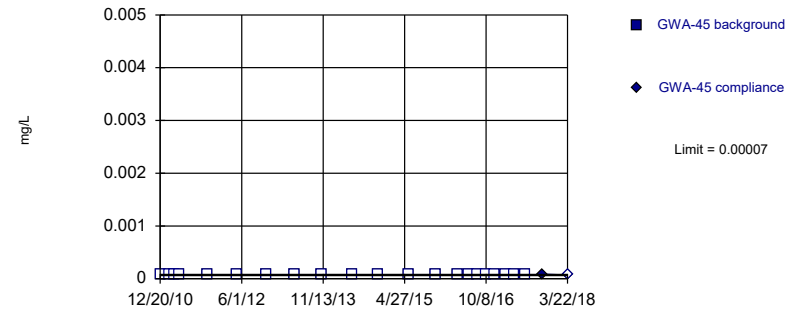


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

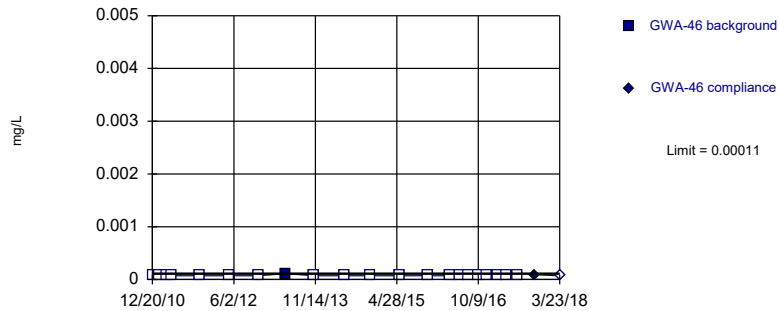


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

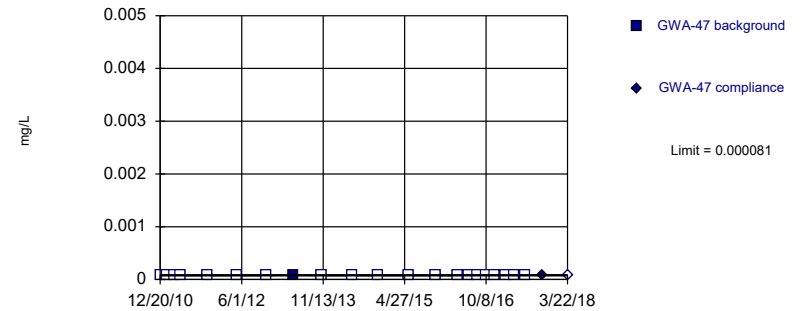


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



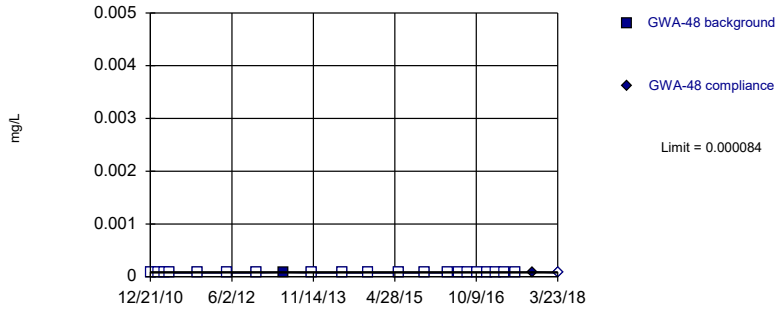
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



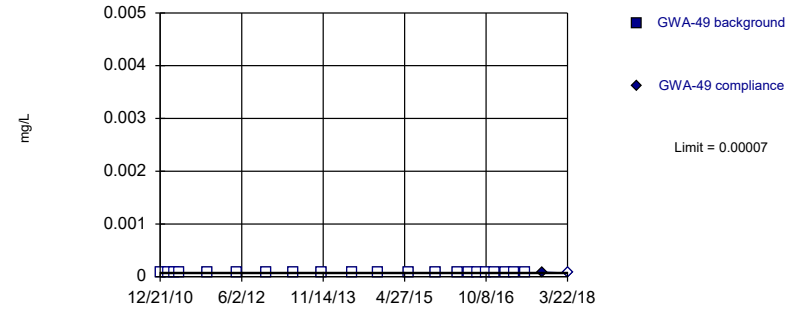
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



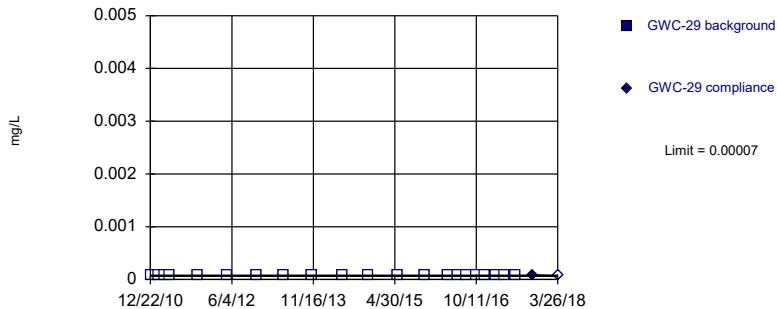
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



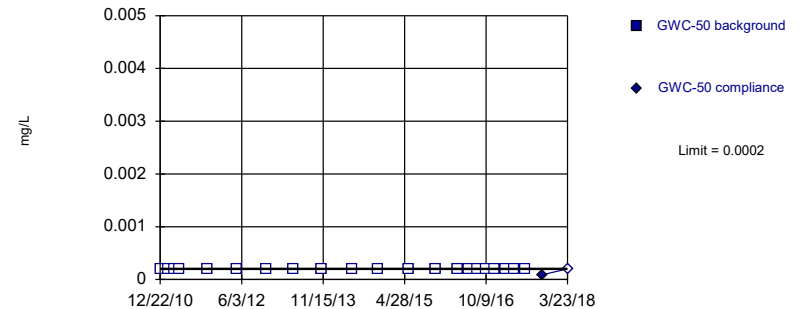
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

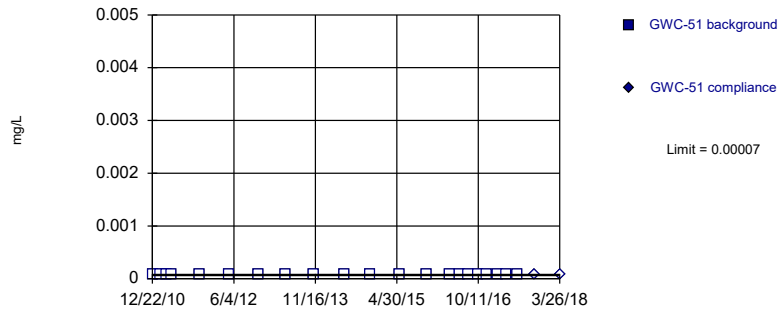


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

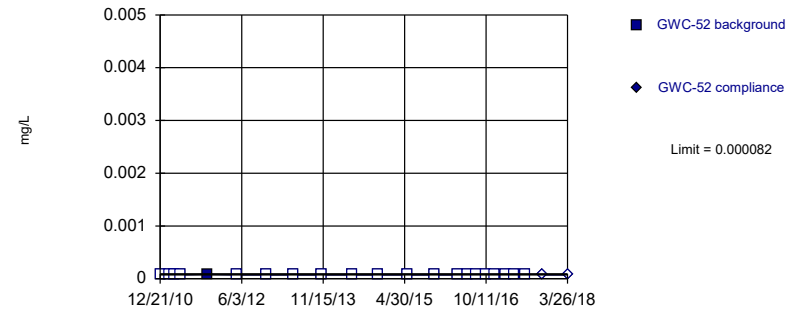


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

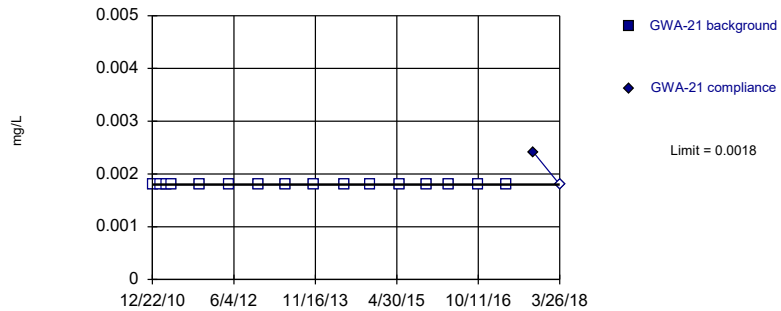


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

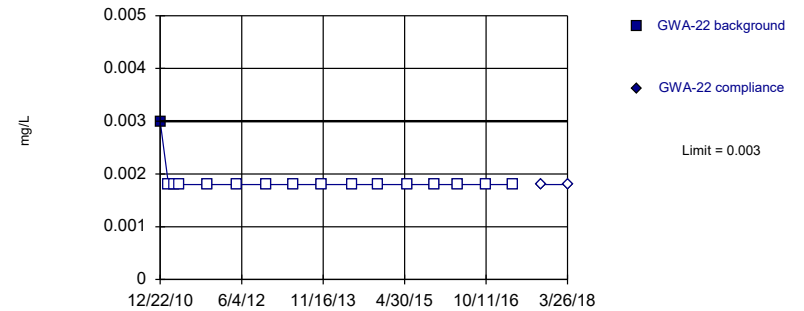


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

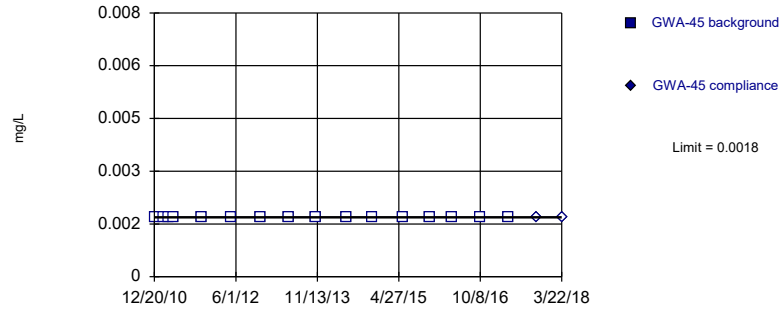
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

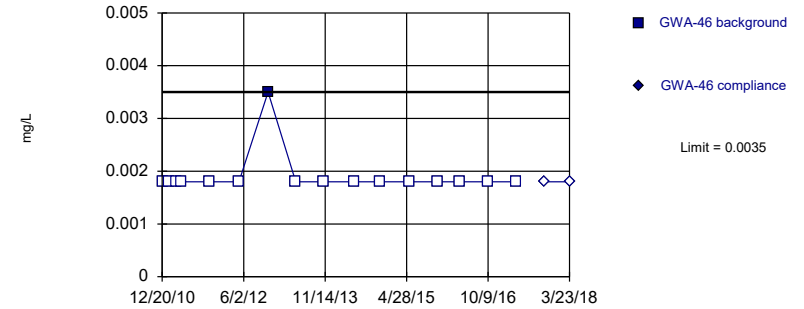
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

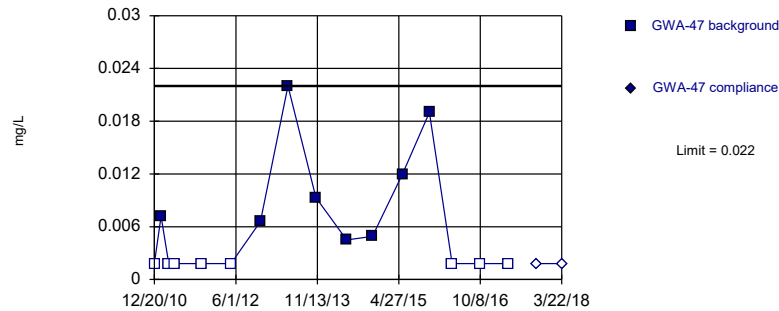
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

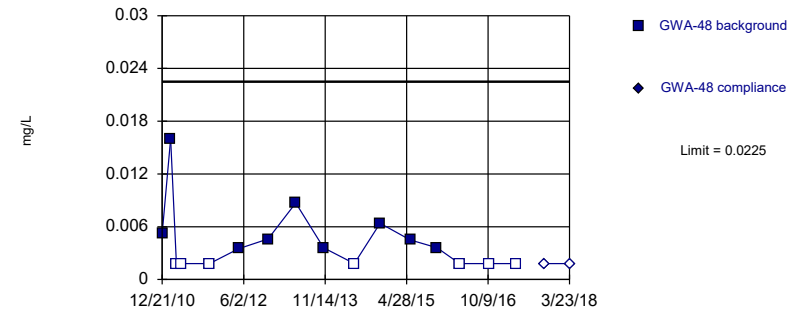
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 50% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric



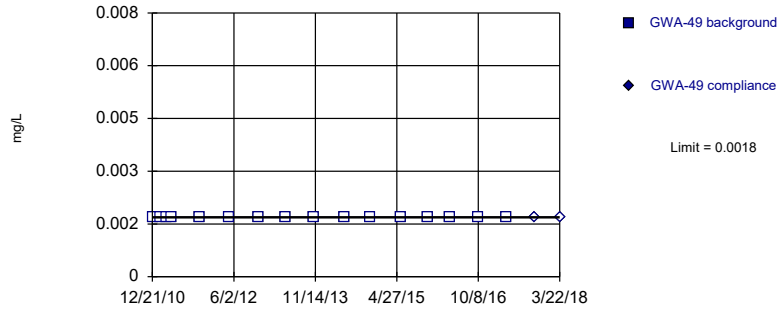
Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.733, Std. Dev.=0.67, n=16, 43.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8512, critical = 0.844. Kappa overridden to 2.894.

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



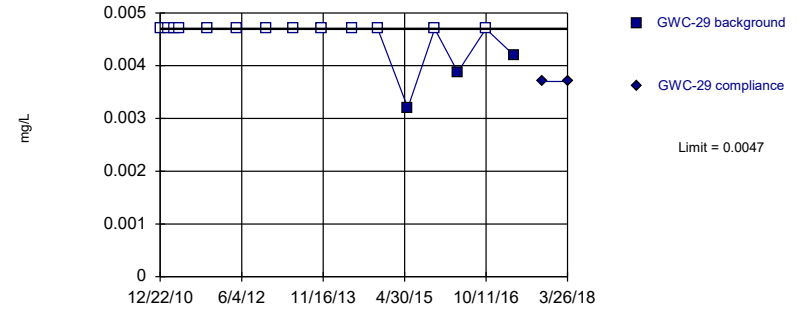
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



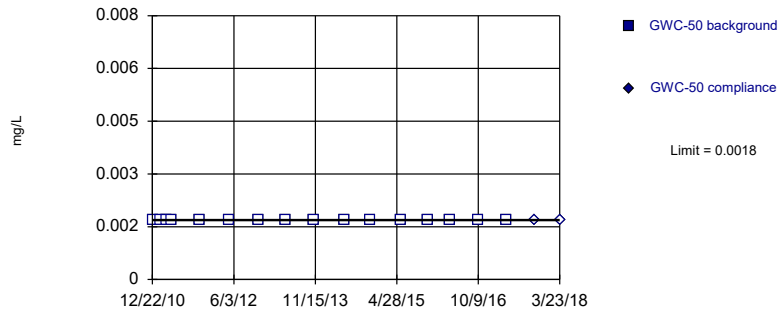
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



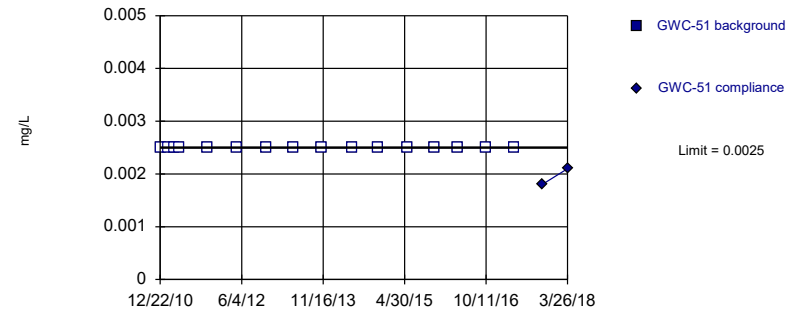
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

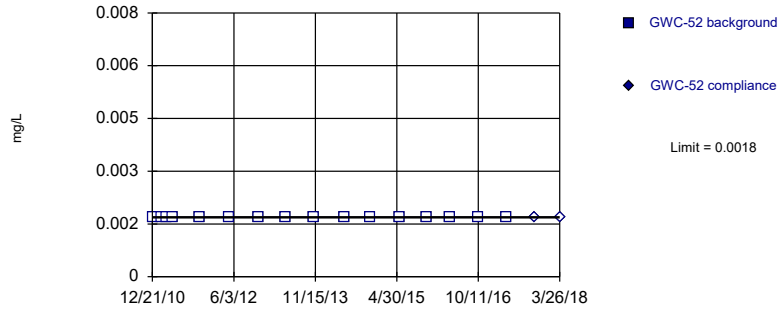
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

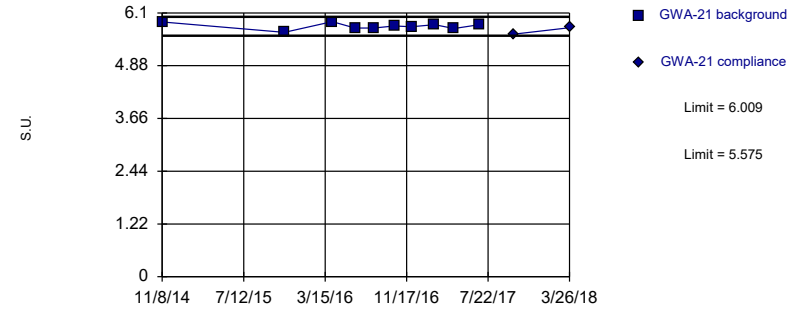
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

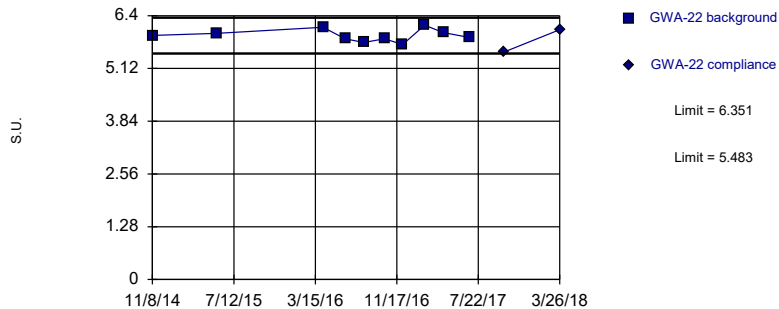
Within Limits Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=5.792, Std. Dev.=0.0751, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9583, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

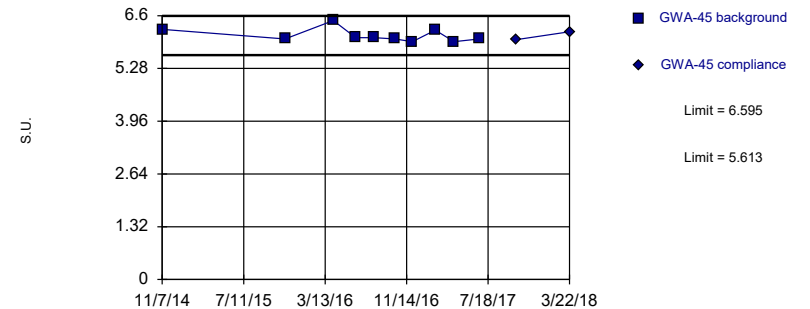
Within Limits Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=5.917, Std. Dev.=0.15, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9631, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits Prediction Limit
Intrawell Parametric

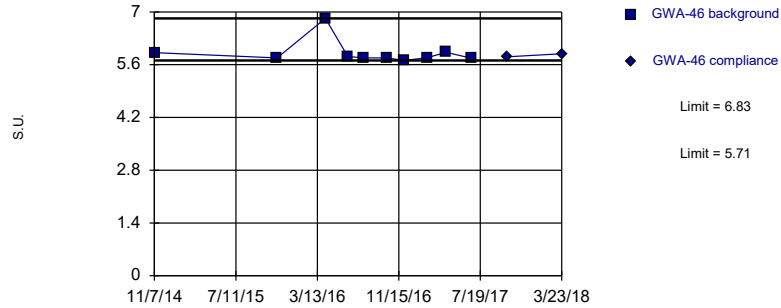


Background Data Summary: Mean=6.104, Std. Dev.=0.1695, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8116, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

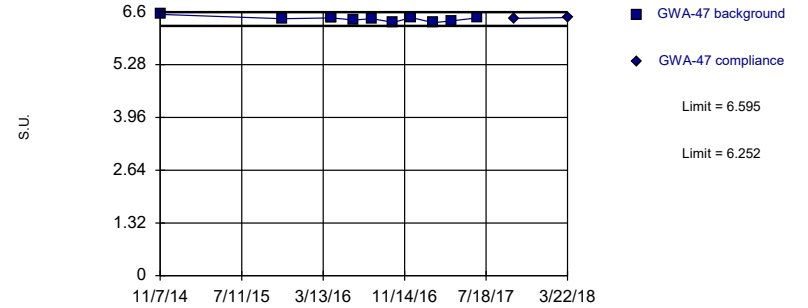


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 10 background values. Well-constituent pair annual alpha = 0.0586. Individual comparison alpha = 0.02952 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

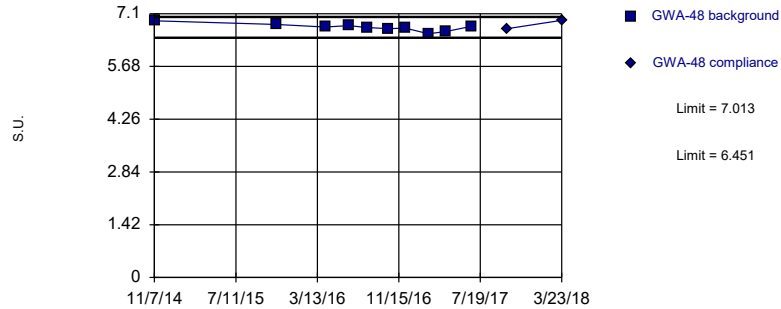


Background Data Summary: Mean=6.424, Std. Dev.=0.05938, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.937, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

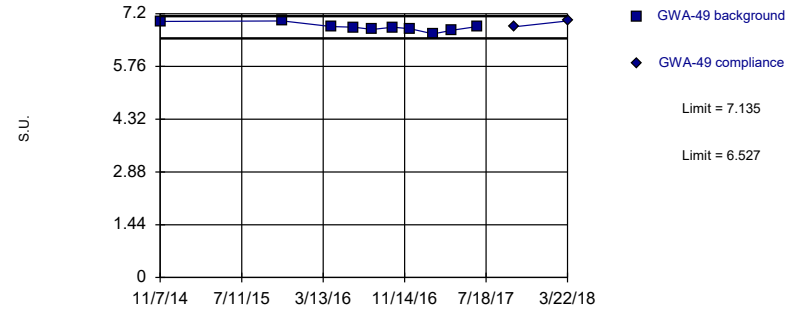


Background Data Summary: Mean=6.732, Std. Dev.=0.09693, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9744, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

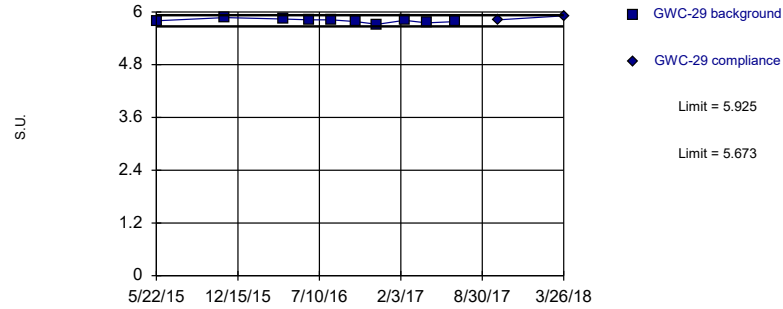


Background Data Summary: Mean=6.831, Std. Dev.=0.105, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9327, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

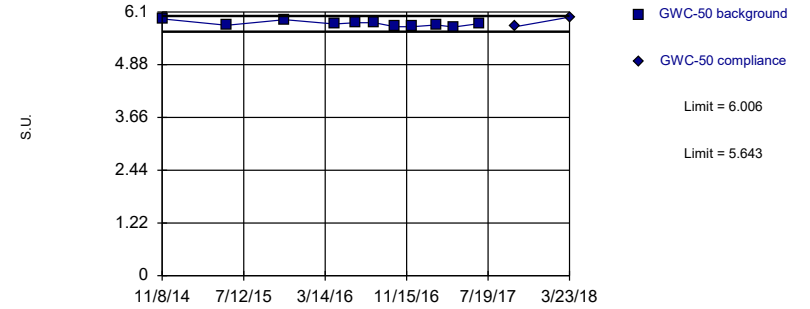


Background Data Summary: Mean=5.799, Std. Dev.=0.04358, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9822, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

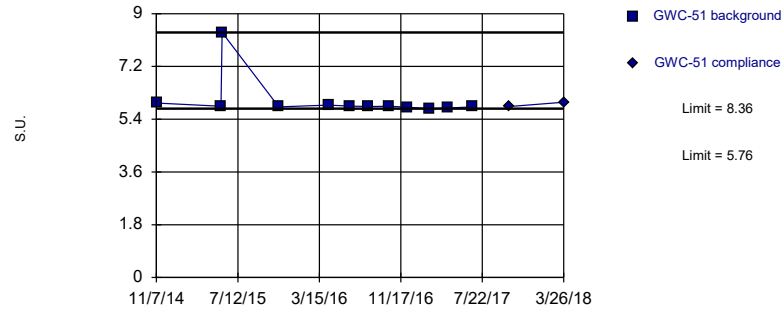


Background Data Summary: Mean=5.825, Std. Dev.=0.06283, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.919, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

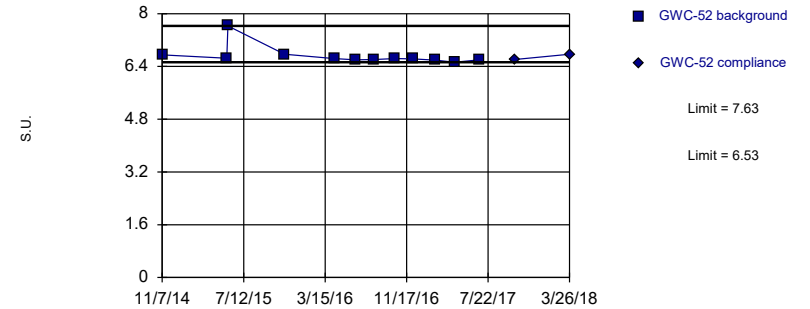


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 12 background values. Well-constituent pair annual alpha = 0.04286. Individual comparison alpha = 0.02155 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

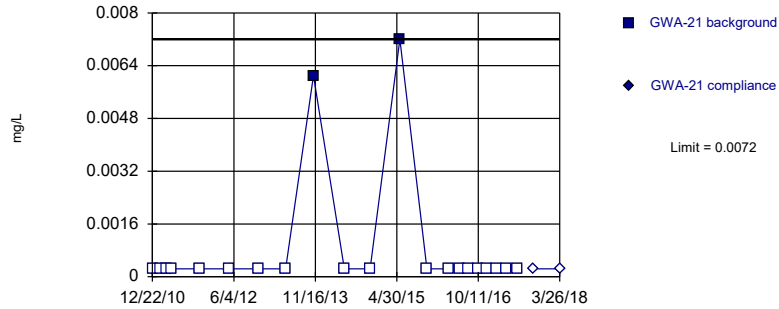


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 12 background values. Well-constituent pair annual alpha = 0.04286. Individual comparison alpha = 0.02155 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

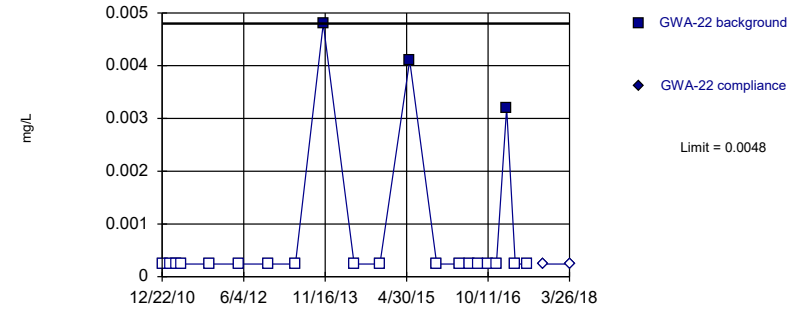


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

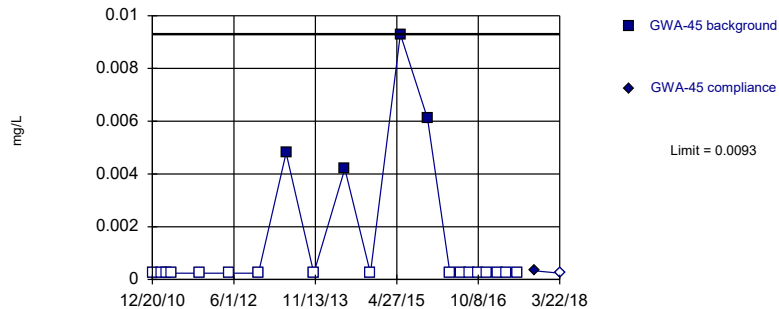


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

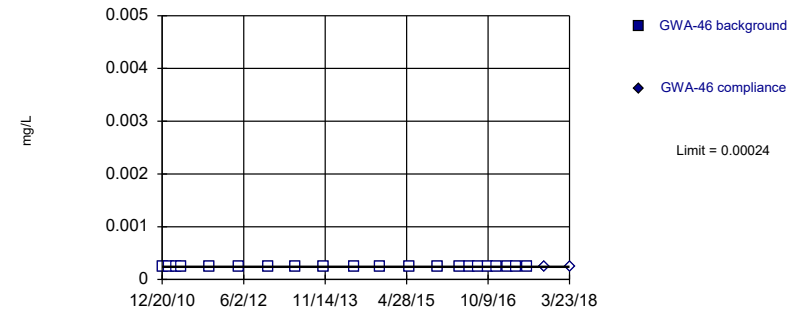


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



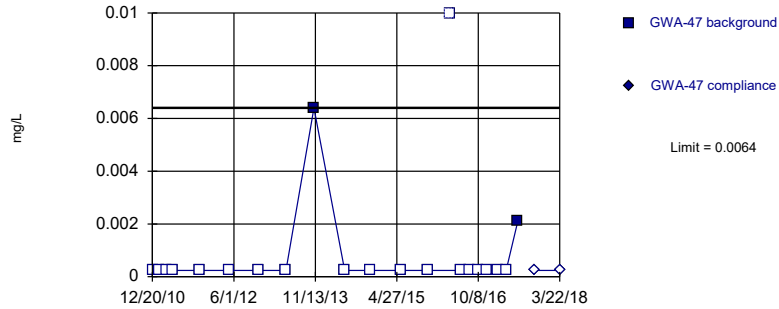
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



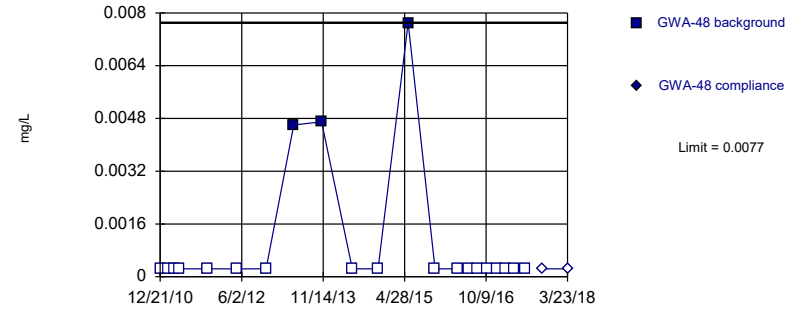
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



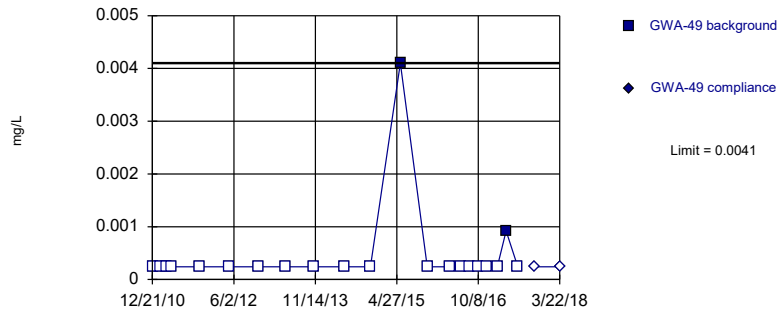
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



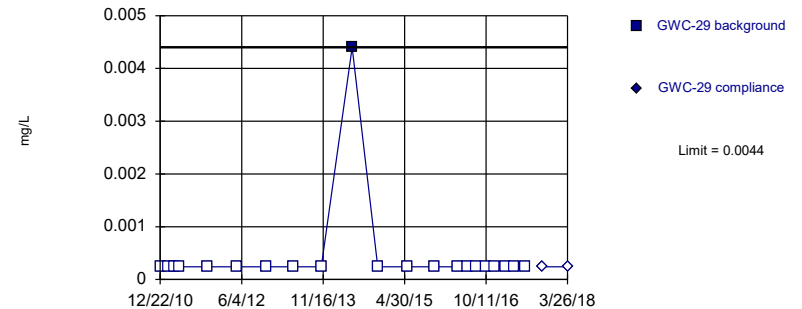
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

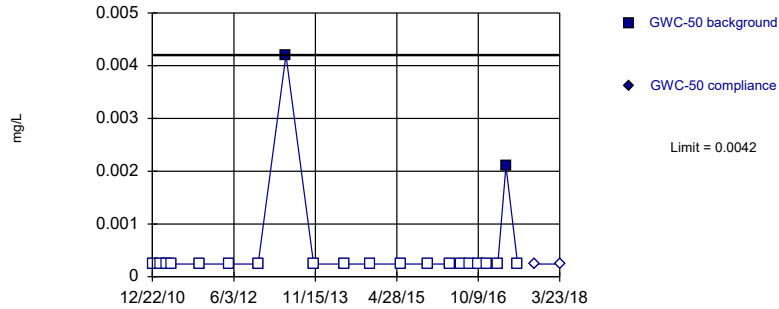


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

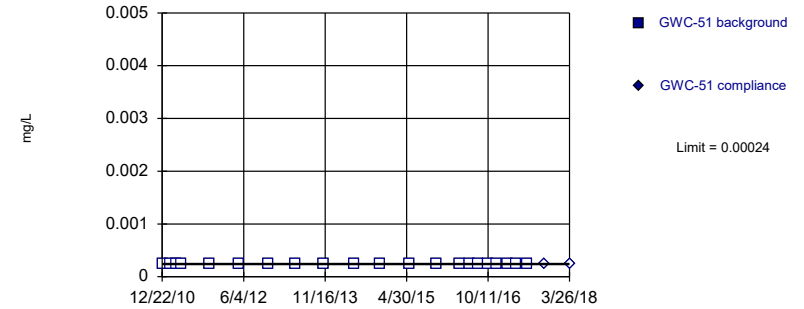


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

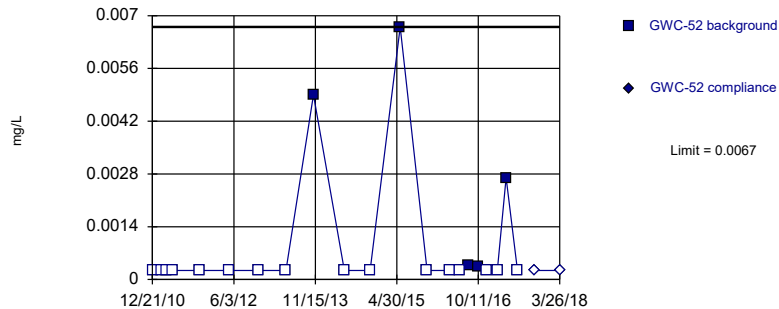


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

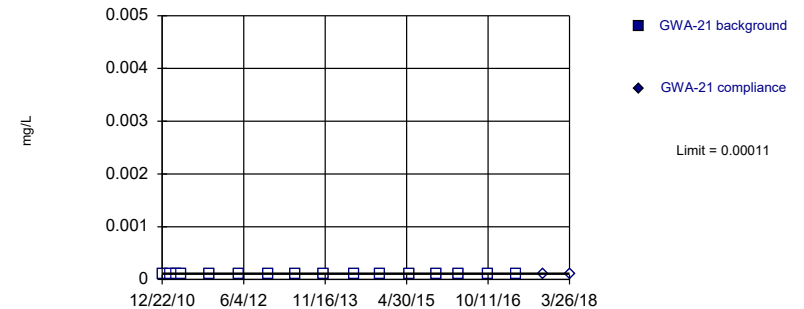


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

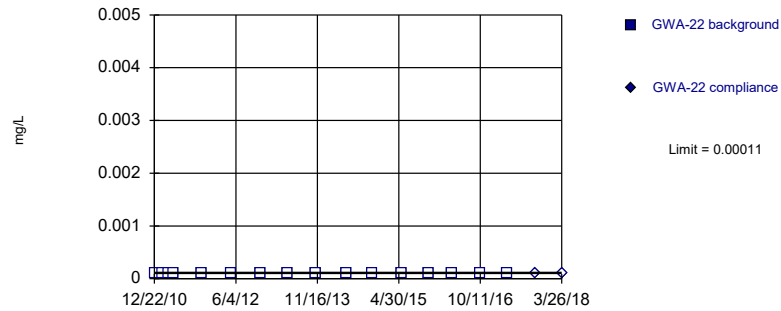


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

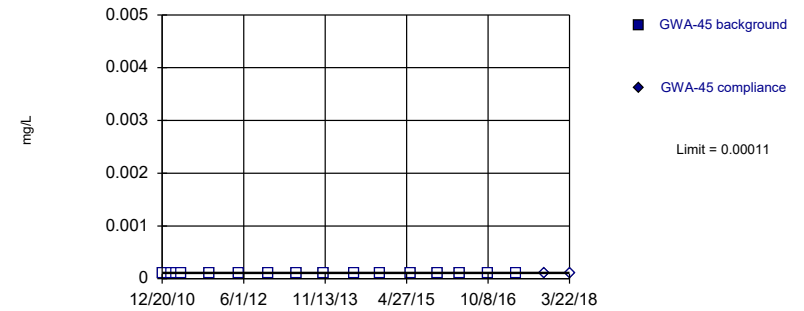


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

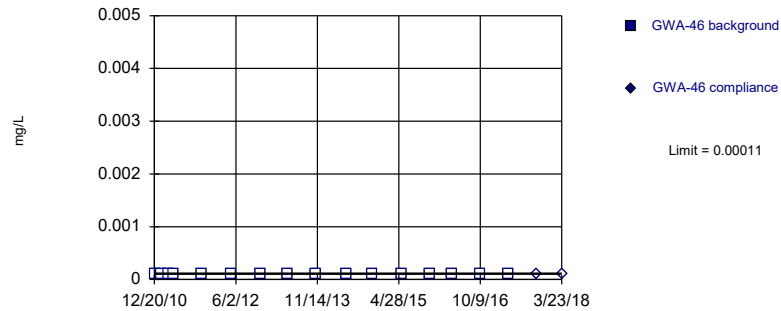


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

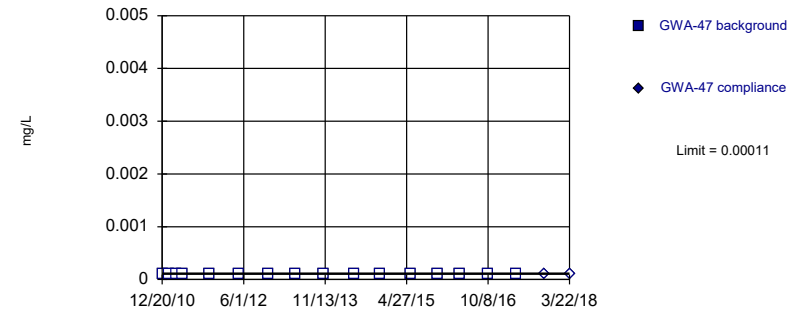


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

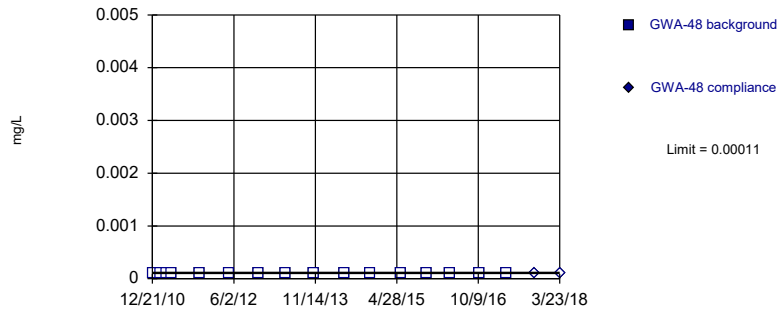


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

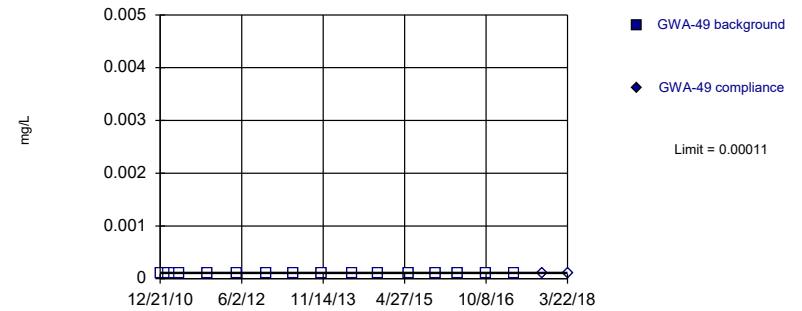


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

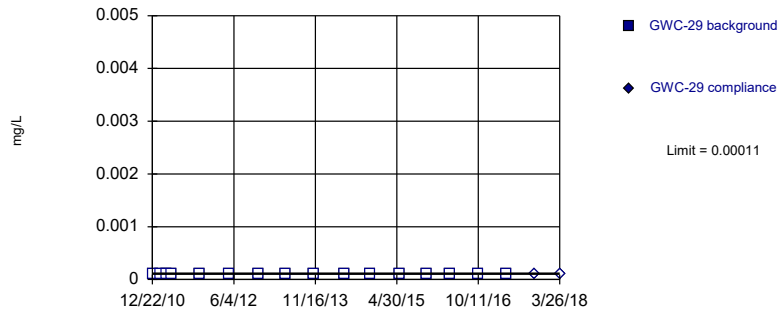


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

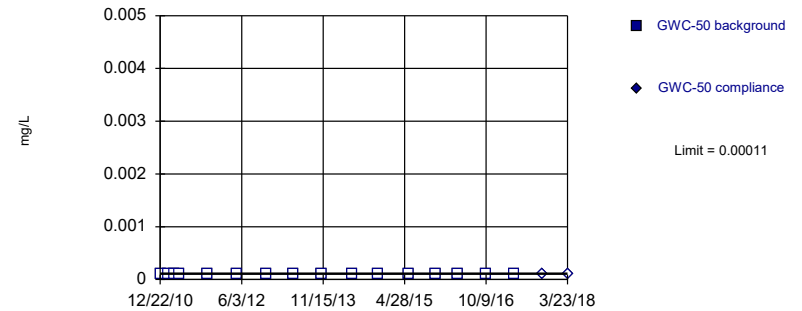


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

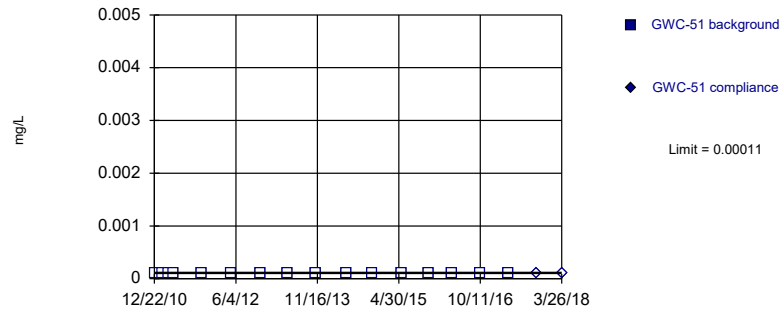
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

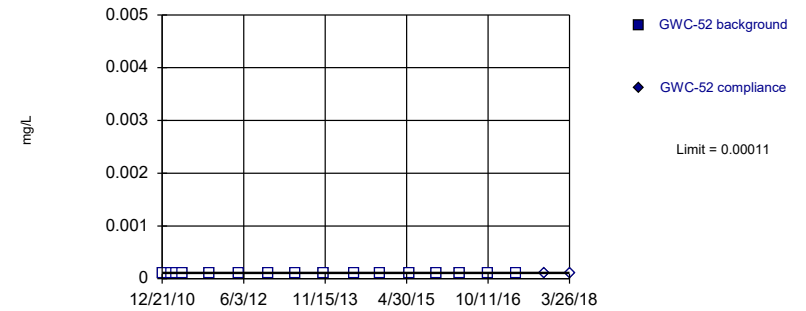
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

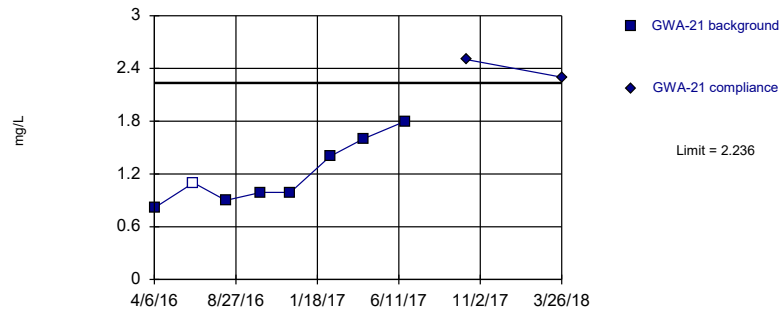
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

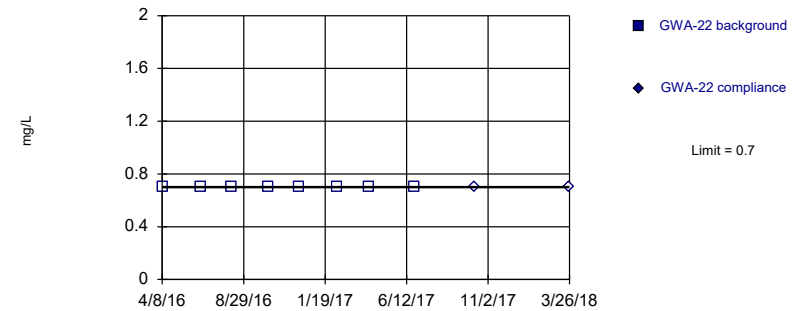
Exceeds Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.199, Std. Dev.=0.3582, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8949, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric

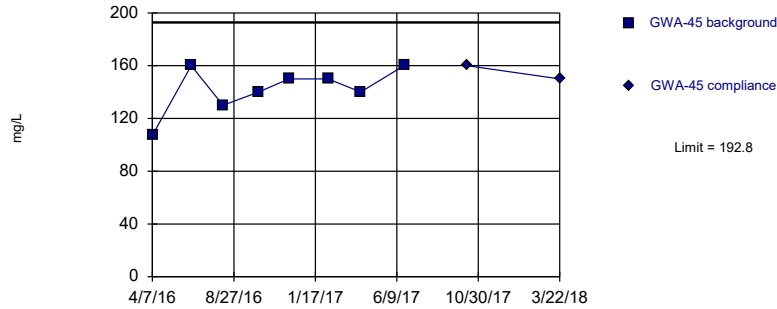


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

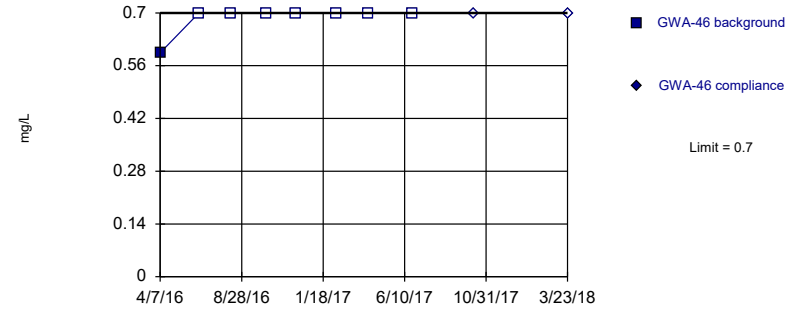


Background Data Summary: Mean=142.1, Std. Dev.=17.51, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8944, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

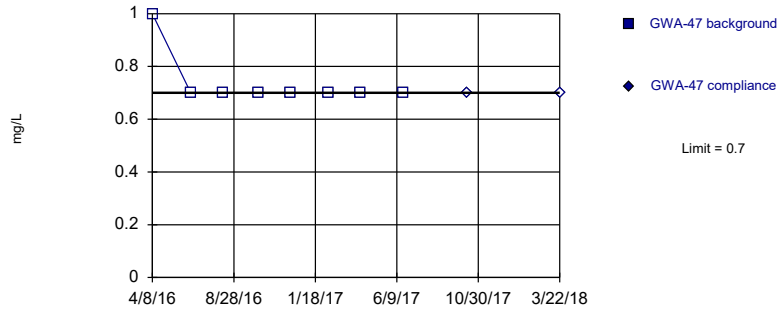


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

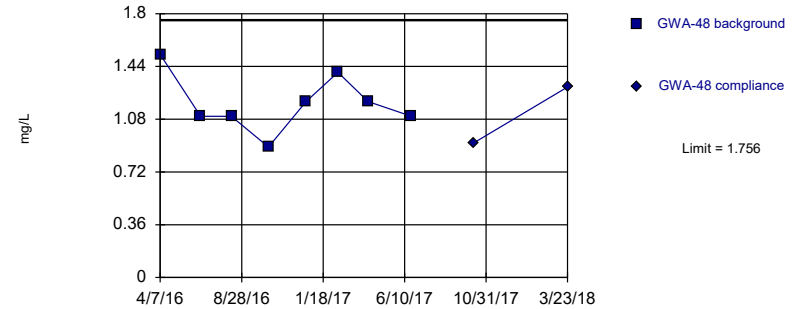


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

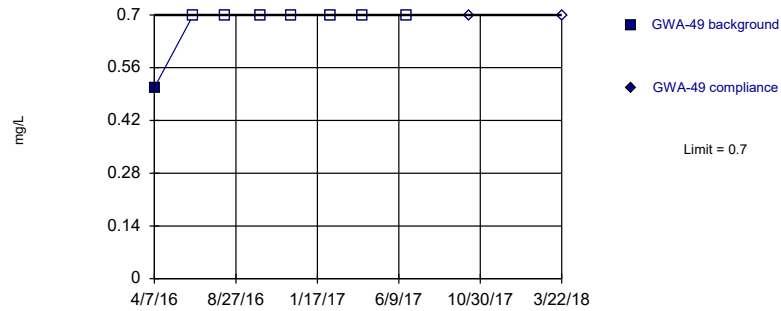
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.189, Std. Dev.=0.196, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9317, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

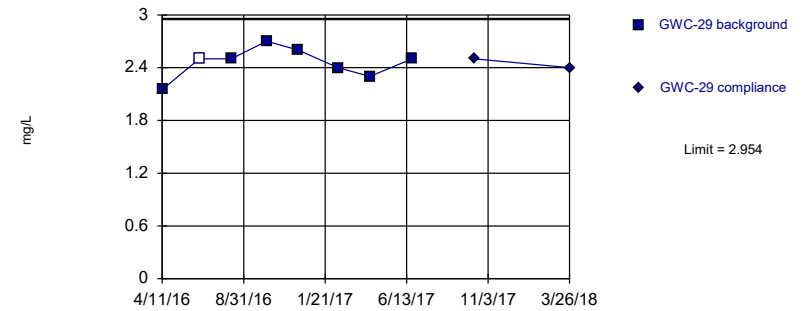
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

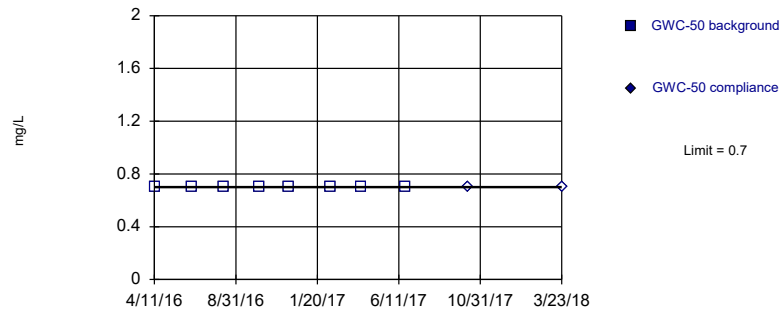
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.456, Std. Dev.=0.172, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9567, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

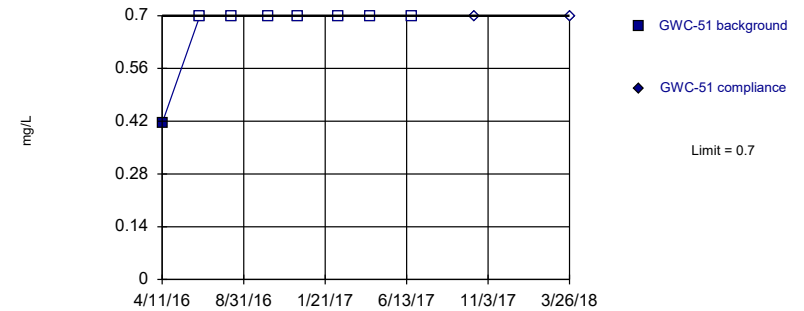
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric

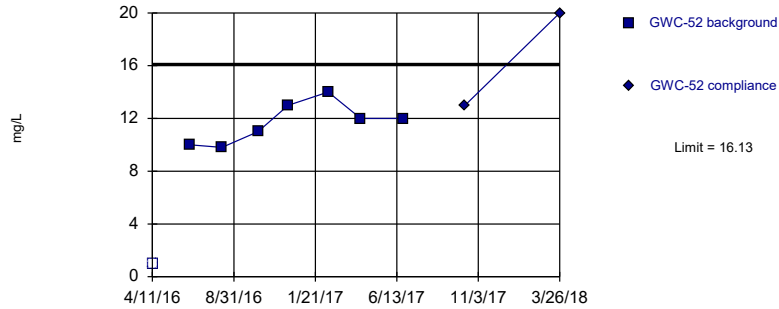


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

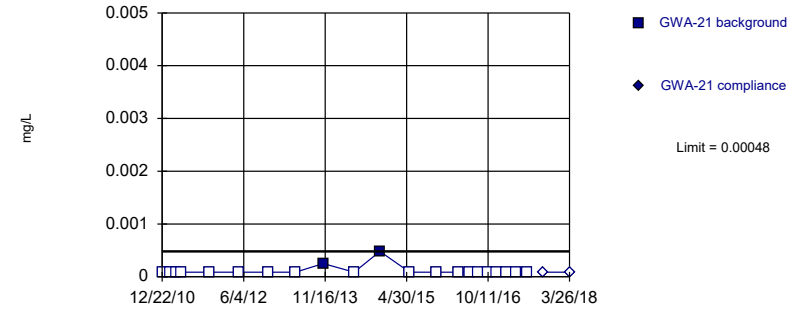


Background Data Summary: Mean=11.69, Std. Dev.=1.536, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9505, critical = 0.73. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

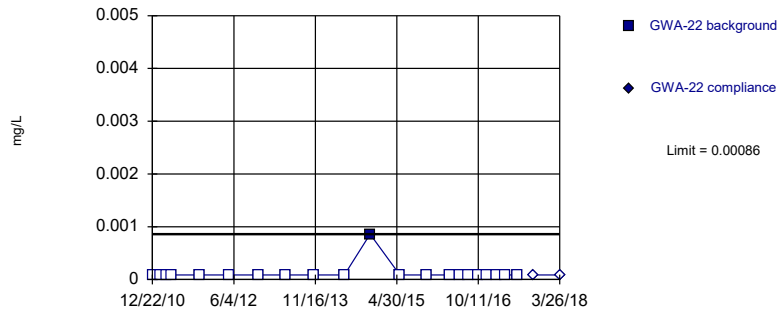


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

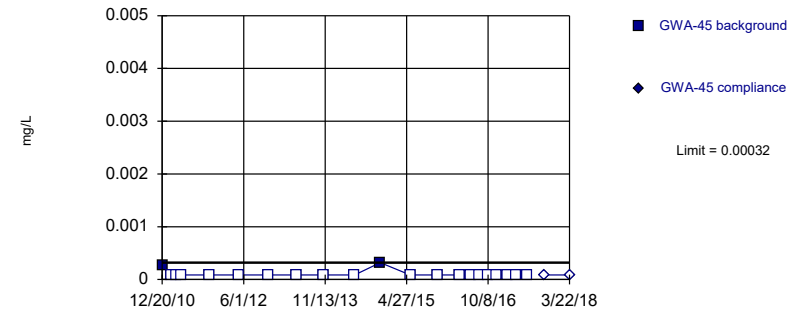


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

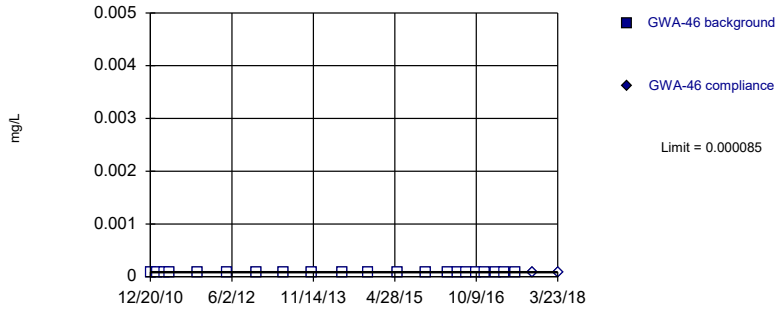


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

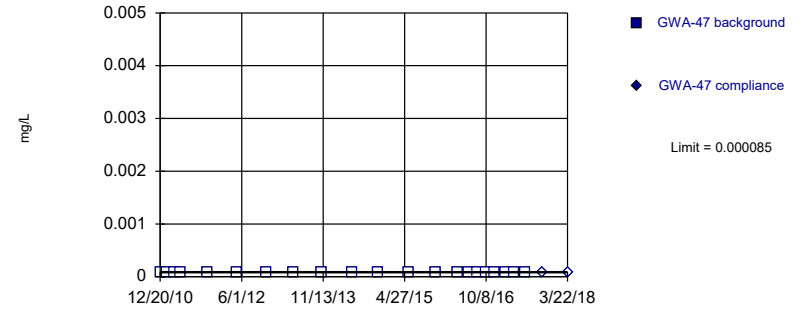


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

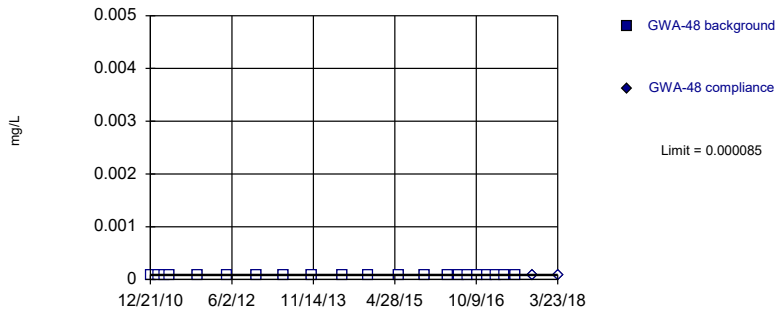


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

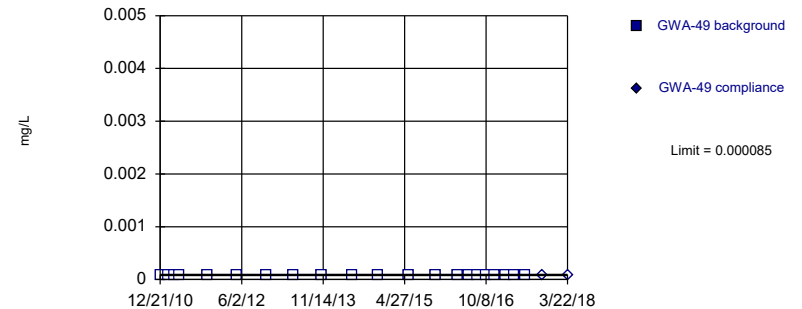


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

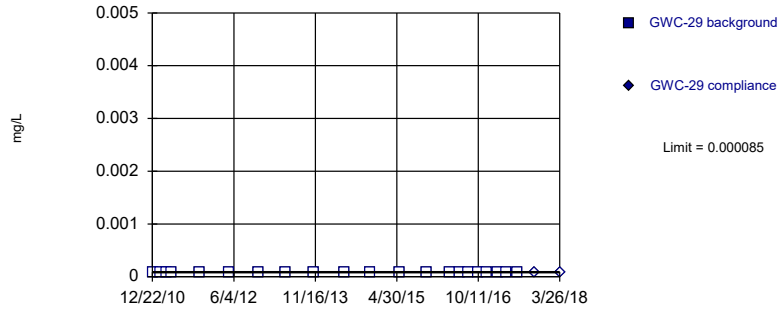
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

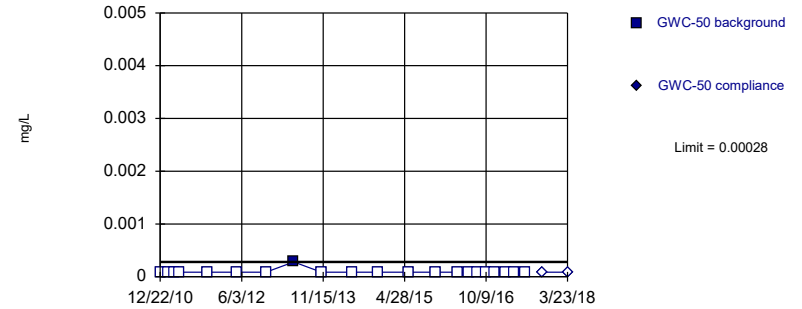
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

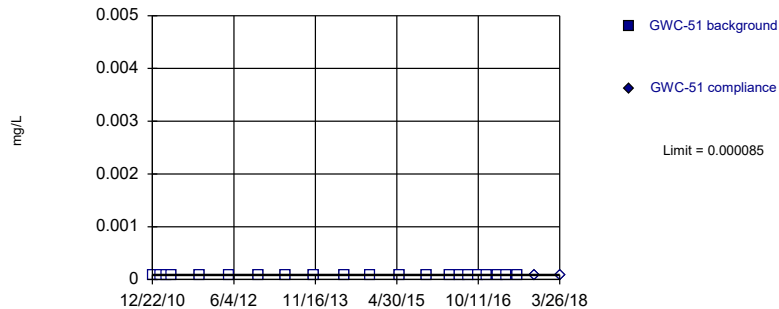
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

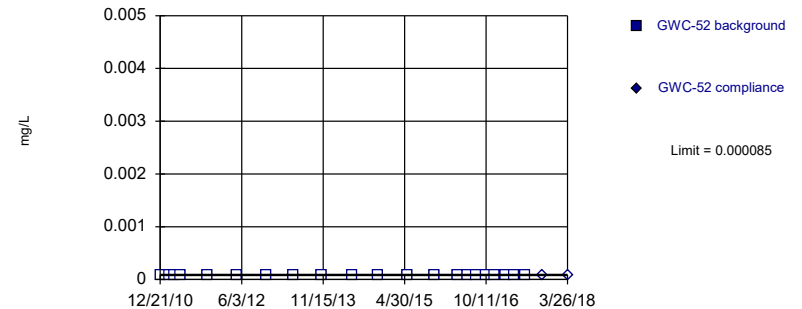
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

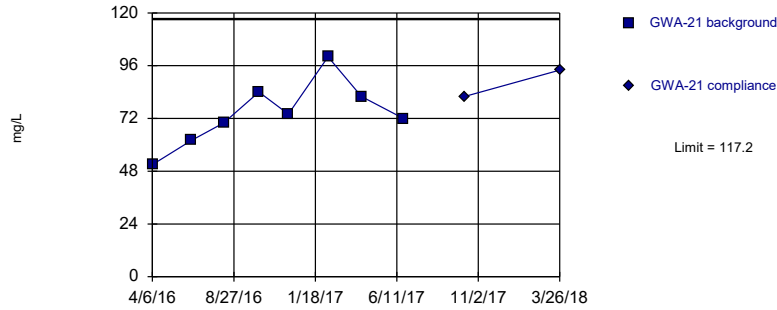
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

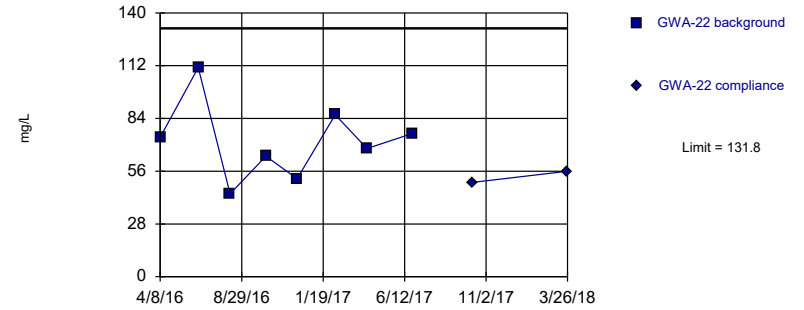
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=74.38, Std. Dev.=14.79, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9837, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

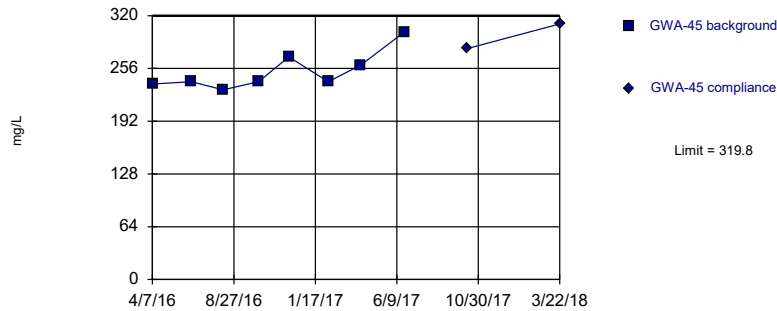
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=71.88, Std. Dev.=20.7, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9622, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

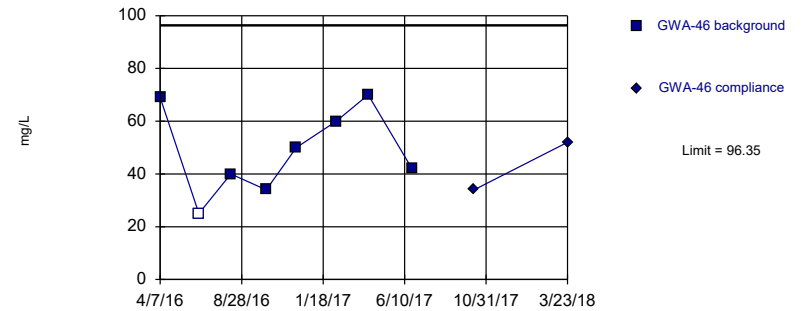
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=252.1, Std. Dev.=23.4, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8267, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

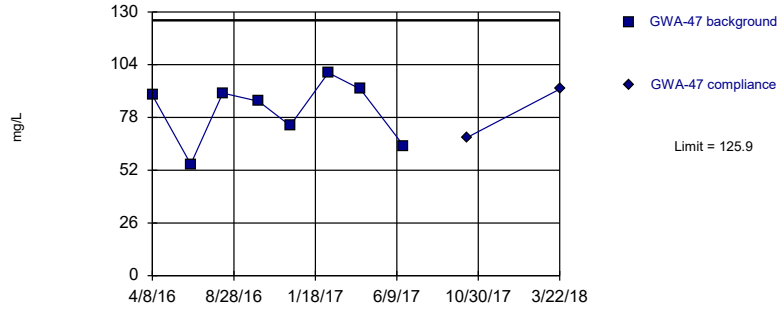
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=48.75, Std. Dev.=16.45, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9424, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

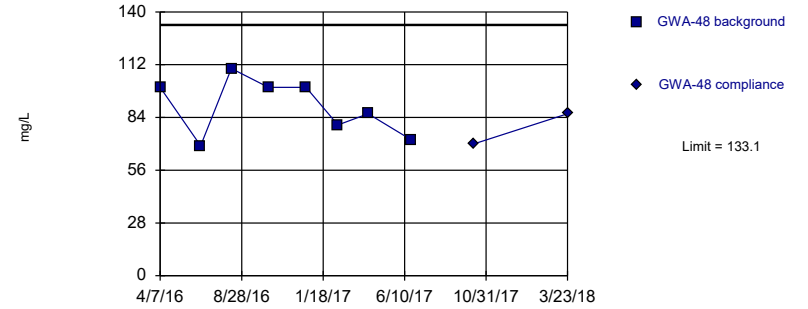
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=81.25, Std. Dev.=15.42, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9156, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

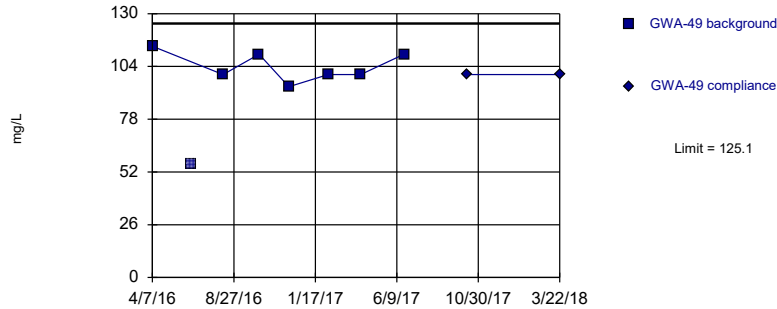
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=89.63, Std. Dev.=15.02, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9113, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

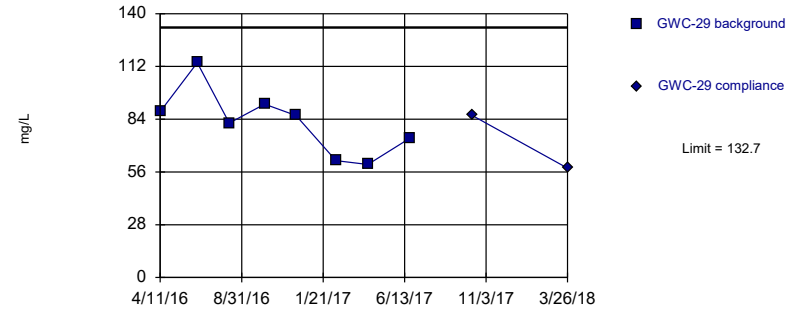
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=104, Std. Dev.=7.303, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8923, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

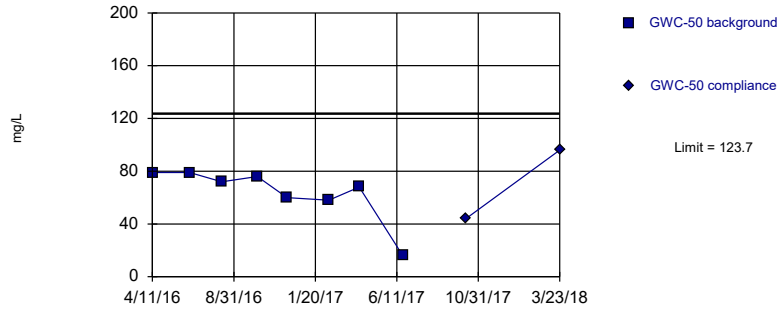
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=82.25, Std. Dev.=17.42, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9467, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

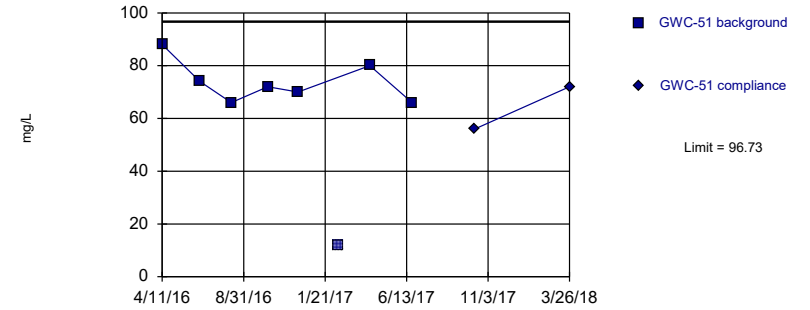
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=63.5, Std. Dev.=20.8, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7541, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

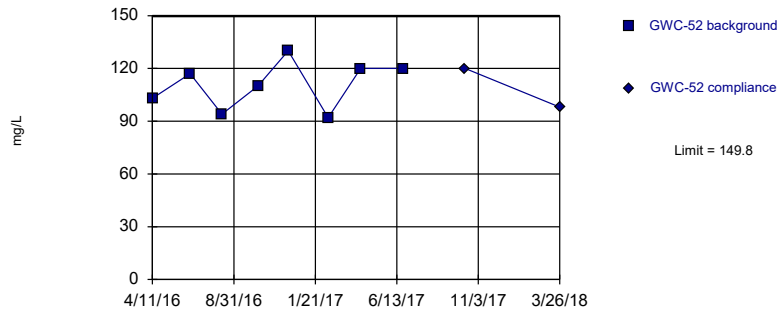
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=73.71, Std. Dev.=7.952, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9036, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

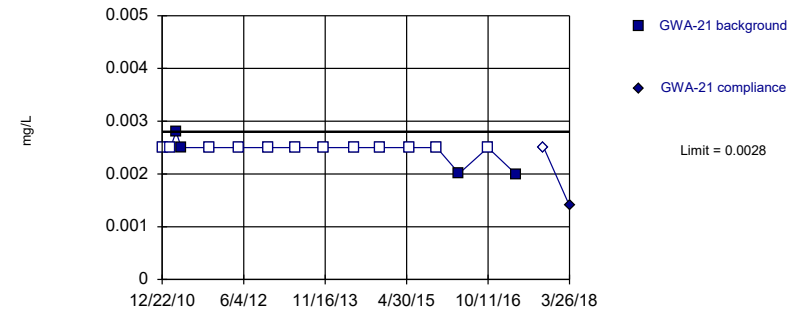
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=110.8, Std. Dev.=13.49, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.939, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

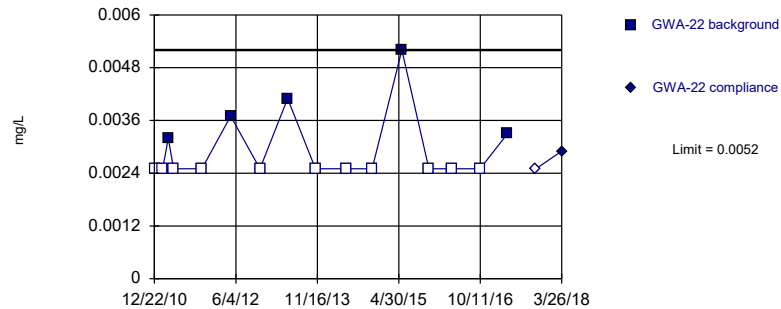
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

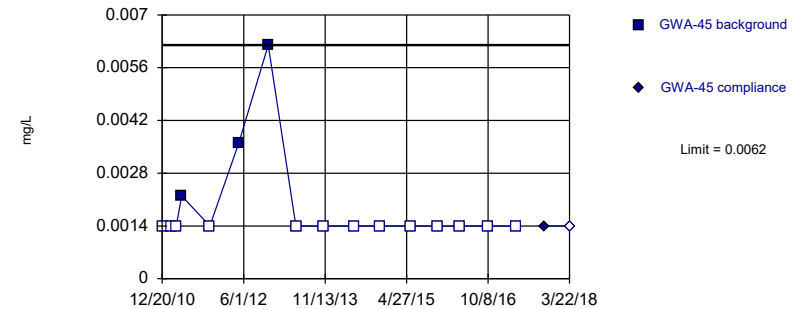
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

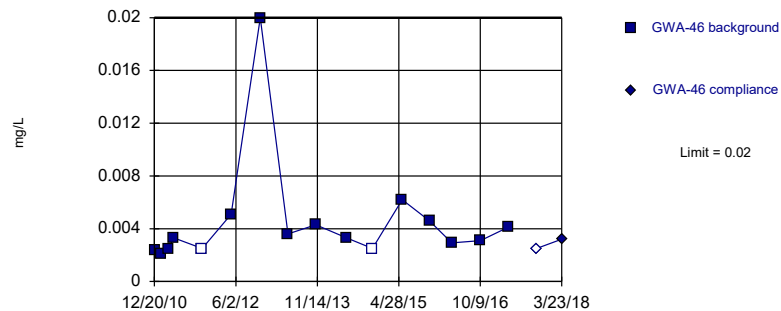
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

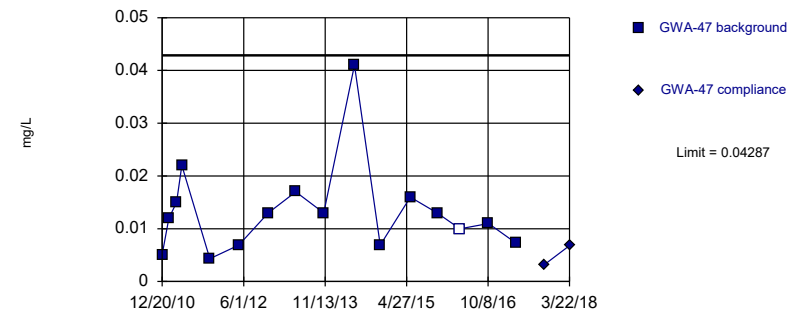
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 12.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

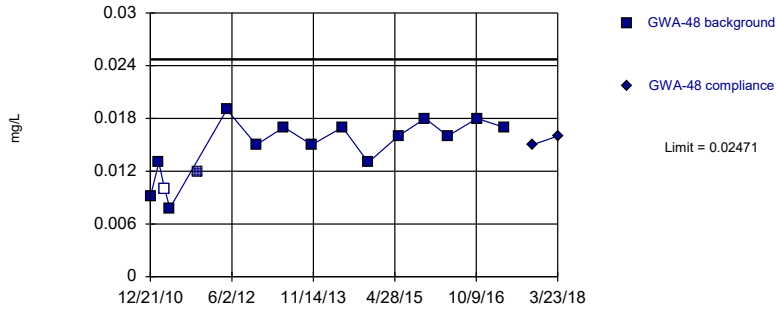
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.1109, Std. Dev.=0.03321, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9038, critical = 0.844. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

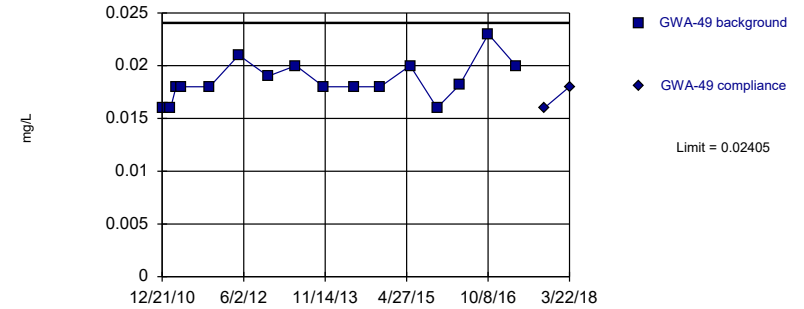
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01473, Std. Dev.=0.003449, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8964, critical = 0.835. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

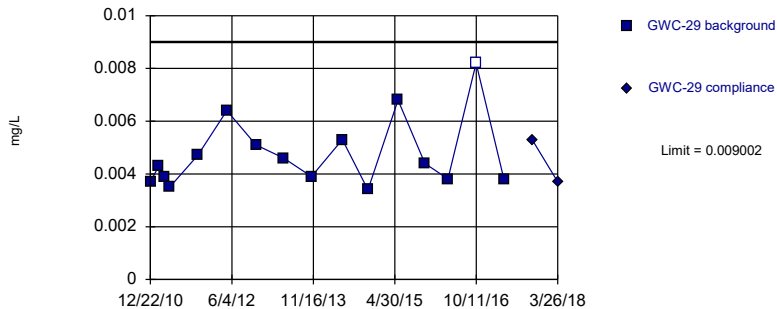
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01858, Std. Dev.=0.001893, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.907, critical = 0.844. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

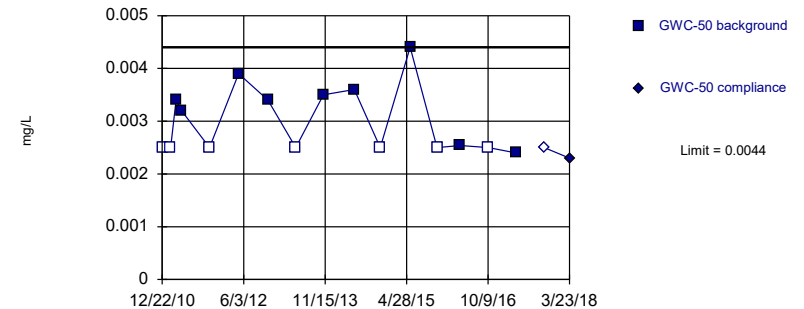
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.06826, Std. Dev.=0.009199, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8744, critical = 0.844. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric

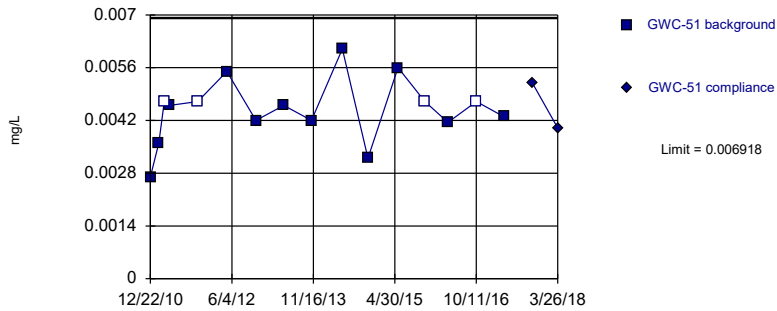


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 43.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

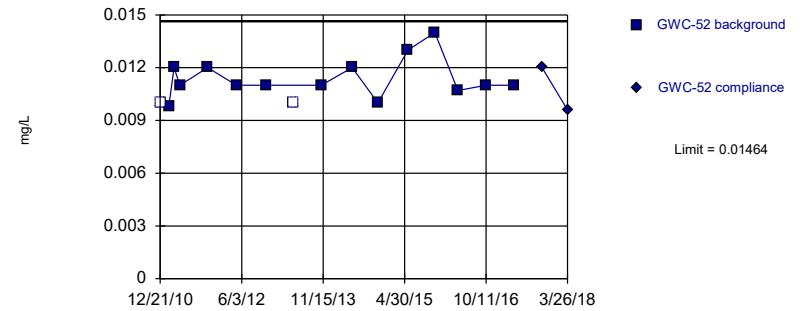


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.004128, Std. Dev.=0.0009643, n=16, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.953, critical = 0.844. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

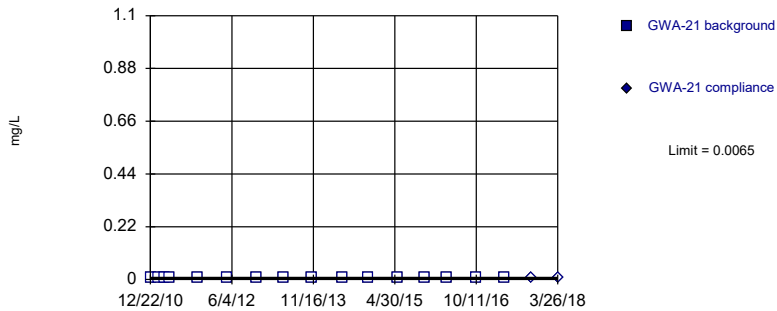


Background Data Summary: Mean=0.01139, Std. Dev.=0.001122, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8937, critical = 0.825. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

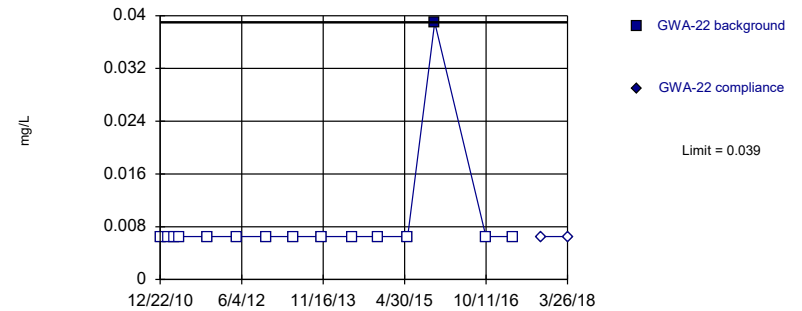


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

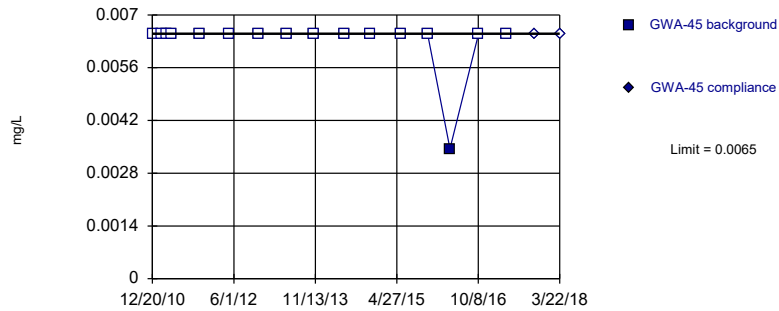


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

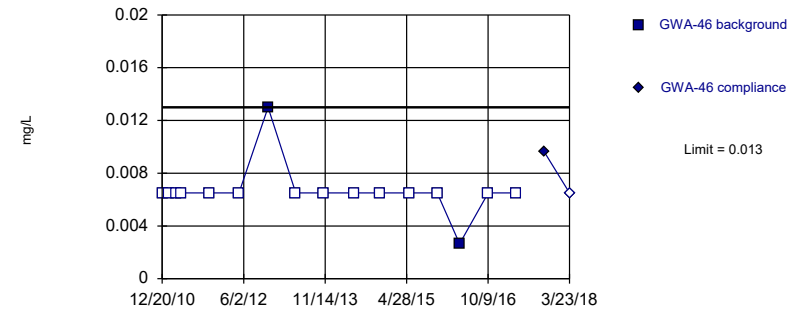


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

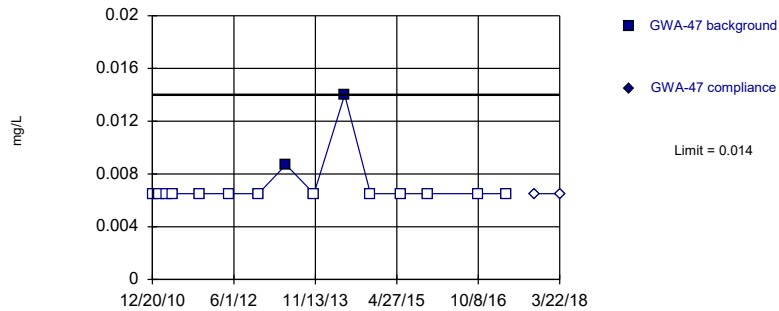


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

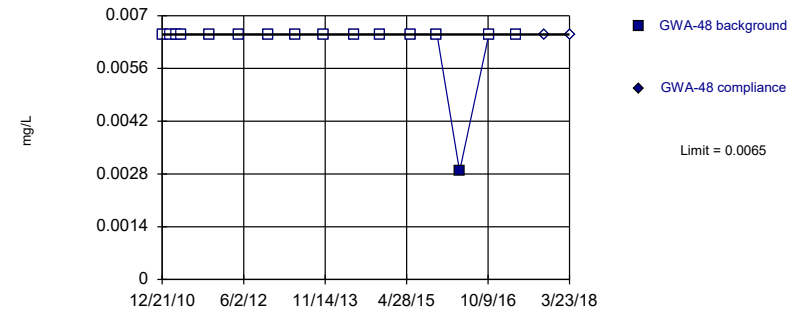


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

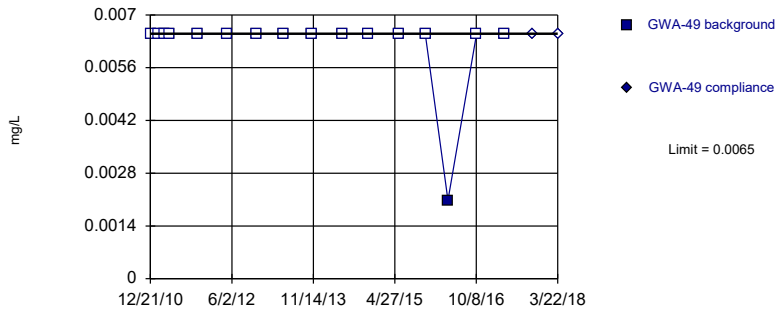


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

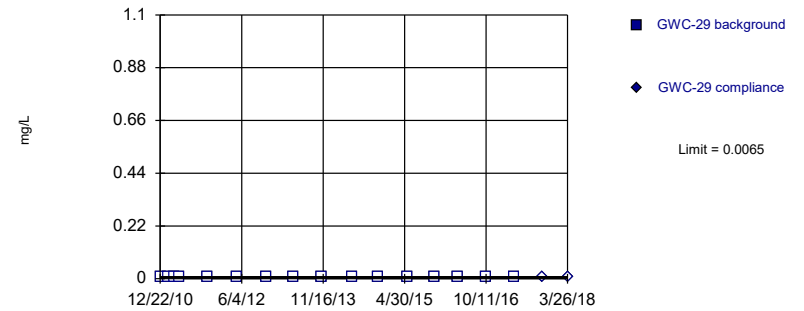


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

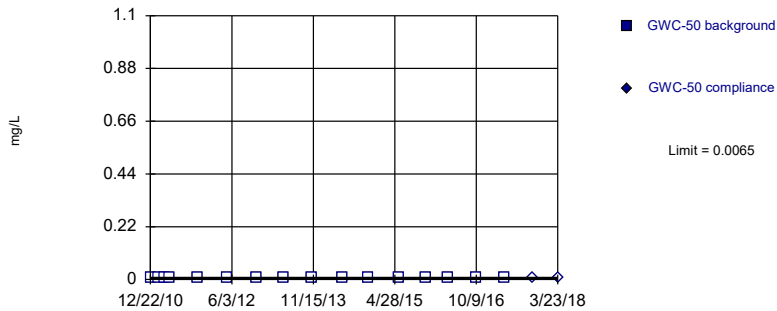


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

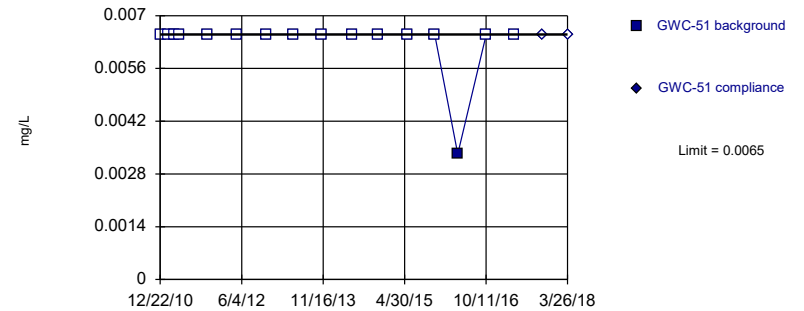


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

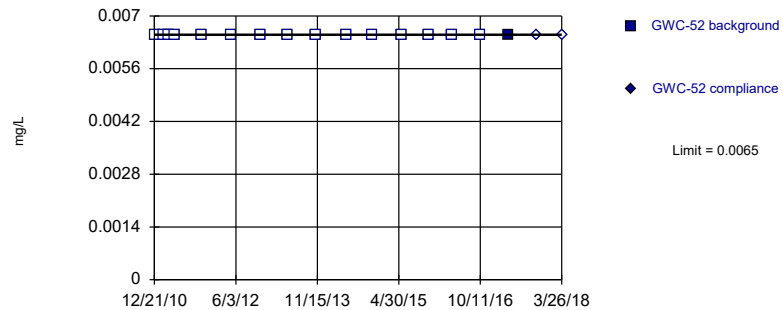
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR



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APPENDIX C

Statistical Analyses

STATISTICAL ANALYSES

March 2018

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Calcium (mg/L)	GWC-4	14.96	n/a	3/21/2018	15	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	14	n/a	3/22/2018	15	Yes	8	0	n/a	0.02144	NP Intra (normality) ...
Calcium (mg/L)	GWC-9	18.99	n/a	3/21/2018	19	Yes	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	10.96	n/a	3/21/2018	13	Yes	8	0	No	0.000...	Param Intra 1 of 2
Copper (mg/L)	GWC-9	0.0025	n/a	3/21/2018	0.0038	Yes	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.0025	n/a	3/20/2018	0.04	Yes	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-15	1	n/a	3/20/2018	1.2	Yes	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	140.4	n/a	3/21/2018	160	Yes	7	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony, Total (ug/L)	GWA-15	1	n/a	3/20/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWA-16	1	n/a	3/20/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWA-17	1	n/a	3/20/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-1	1	n/a	3/20/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-2	1	n/a	3/20/2018	1ND	No	19	100	n/a	0.004832	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-3	1	n/a	3/21/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-4	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-6	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-7	1	n/a	3/22/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-8A	1	n/a	3/22/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-9	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-10	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-11	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-12	1	n/a	3/21/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-13	1	n/a	3/22/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-14	1	n/a	3/20/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-18	1	n/a	3/20/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-19	1	n/a	3/20/2018	1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-20	1	n/a	3/21/2018	1ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWA-15	0.46	n/a	3/20/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWA-16	0.46	n/a	3/20/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWA-17	0.46	n/a	3/20/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-1	0.79	n/a	3/20/2018	0.46ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-2	0.46	n/a	3/20/2018	0.46ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-3	1.3	n/a	3/21/2018	0.89	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-4	0.46	n/a	3/21/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-6	0.46	n/a	3/21/2018	0.46ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-7	0.46	n/a	3/22/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-8A	1.4	n/a	3/22/2018	0.75	No	22	81.82	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-9	0.46	n/a	3/21/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-10	0.46	n/a	3/21/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-11	0.46	n/a	3/21/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-12	0.46	n/a	3/21/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-13	0.46	n/a	3/22/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-14	0.46	n/a	3/20/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-18	0.46	n/a	3/20/2018	0.46ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-19	0.46	n/a	3/20/2018	0.46ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-20	1.3	n/a	3/21/2018	0.78	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Barium, Total (ug/L)	GWA-15	12.88	n/a	3/20/2018	10	No	22	4.545	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWA-16	32.77	n/a	3/20/2018	23	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWA-17	51.02	n/a	3/20/2018	27	No	22	4.545	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-1	60.53	n/a	3/20/2018	42	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-2	54.93	n/a	3/20/2018	45	No	20	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-3	27.93	n/a	3/21/2018	18ND	No	20	0	x^(1/3)	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-4	50.06	n/a	3/21/2018	45	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-6	69.2	n/a	3/21/2018	56	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-7	43.42	n/a	3/22/2018	35	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-8A	123.3	n/a	3/22/2018	19	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-9	37.54	n/a	3/21/2018	21ND	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-10	32.84	n/a	3/21/2018	28ND	No	22	4.545	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Barium, Total (ug/L)	GWC-11	19.17	n/a	3/21/2018	16ND	No	21	4.762	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-12	19.8	n/a	3/21/2018	17ND	No	22	4.545	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-13	44.36	n/a	3/22/2018	34	No	22	0	ln(x)	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-14	11.13	n/a	3/20/2018	9.1	No	20	5	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-18	43.33	n/a	3/20/2018	33	No	22	4.545	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-19	20.15	n/a	3/20/2018	19	No	22	4.545	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-20	37.01	n/a	3/21/2018	30ND	No	22	0	No	0.000...	Param Intra 1 of 2
Beryllium, Total (ug/L)	GWA-15	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWA-16	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWA-17	2.1	n/a	3/20/2018	0.34ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-1	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-2	0.34	n/a	3/20/2018	0.34ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-3	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-4	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-6	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-7	0.34	n/a	3/22/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-8A	0.34	n/a	3/22/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-9	0.34	n/a	3/21/2018	0.34ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-10	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-11	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-12	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-13	0.34	n/a	3/22/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-14	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-18	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-19	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-20	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-15	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-16	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-17	0.021	n/a	3/20/2018	0.021ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-1	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-2	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-3	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-4	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-6	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.021	n/a	3/22/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-8A	0.3593	n/a	3/22/2018	0.25	No	8	0	No	0.000...	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.1437	n/a	3/21/2018	0.089	No	8	0	No	0.000...	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-11	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-12	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-13	0.021	n/a	3/22/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-14	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-18	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-19	0.021	n/a	3/20/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.021	n/a	3/21/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWA-15	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWA-16	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWA-17	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-1	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-2	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Cadmium, Total (ug/L)	GWC-3	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-4	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-6	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-7	0.34	n/a	3/22/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-8A	1.6	n/a	3/22/2018	0.34ND	No	22	68.18	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-9	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-10	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-11	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-12	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-13	0.34	n/a	3/22/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-14	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-18	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-19	0.34	n/a	3/20/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-20	0.34	n/a	3/21/2018	0.34ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-15	5.889	n/a	3/20/2018	4.2	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWA-16	15.27	n/a	3/20/2018	12	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWA-17	9.172	n/a	3/20/2018	6.6	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-1	20.91	n/a	3/20/2018	18	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-2	21.36	n/a	3/20/2018	18	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-3	10.32	n/a	3/21/2018	9.3	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-4	14.96	n/a	3/21/2018	15	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	20.84	n/a	3/21/2018	19	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	14	n/a	3/22/2018	15	Yes	8	0	n/a	0.02144	NP Intra (normality) ...
Calcium (mg/L)	GWC-8A	39.47	n/a	3/22/2018	30	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	18.99	n/a	3/21/2018	19	Yes	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	18.83	n/a	3/21/2018	17	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-11	15.18	n/a	3/21/2018	13	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-12	1.371	n/a	3/21/2018	1.3	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-13	6.805	n/a	3/22/2018	6.8	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-14	7.363	n/a	3/20/2018	6.6	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	12.34	n/a	3/20/2018	11	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	12.87	n/a	3/20/2018	12	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	16.3	n/a	3/21/2018	14	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-15	5.716	n/a	3/20/2018	5.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-16	2.222	n/a	3/20/2018	1.5	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-17	2.026	n/a	3/20/2018	1.4	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-1	4.71	n/a	3/20/2018	3.9	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-2	2.613	n/a	3/20/2018	2	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-3	3.786	n/a	3/21/2018	3.4	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	10.96	n/a	3/21/2018	13	Yes	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	8.831	n/a	3/21/2018	5.4	No	7	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	1.8	n/a	3/22/2018	1.6	No	6	0	n/a	0.03391	NP Intra (normality) ...
Chloride (mg/L)	GWC-8A	8.25	n/a	3/22/2018	7	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	4.524	n/a	3/21/2018	3.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	2.453	n/a	3/21/2018	2.3	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-11	2.099	n/a	3/21/2018	1.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-12	2.096	n/a	3/21/2018	1.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-13	2.118	n/a	3/22/2018	1.4	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-14	3.378	n/a	3/20/2018	2.7	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	2.69	n/a	3/20/2018	2.3	No	8	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chloride (mg/L)	GWC-19	1.9	n/a	3/20/2018	1.6	No	8	0	n/a	0.02144	NP Intra (normality) ...
Chloride (mg/L)	GWC-20	2.328	n/a	3/21/2018	1.8	No	7	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWA-15	3.6	n/a	3/20/2018	1.1ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Chromium, Total (ug/L)	GWA-16	9.391	n/a	3/20/2018	4.4	No	21	4.762	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWA-17	11.81	n/a	3/20/2018	6	No	22	4.545	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-1	19.71	n/a	3/20/2018	13	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-2	14.31	n/a	3/20/2018	9.9	No	21	4.762	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-3	22	n/a	3/21/2018	9.3ND	No	21	0	n/a	0.003999	NP Intra (normality) ...
Chromium, Total (ug/L)	GWC-4	11.36	n/a	3/21/2018	6.2ND	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-6	14.36	n/a	3/21/2018	12ND	No	22	4.545	ln(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-7	17.83	n/a	3/22/2018	8.6	No	22	0	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-8A	41.74	n/a	3/22/2018	7.9	No	22	27.27	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-9	13.11	n/a	3/21/2018	4.6ND	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-10	21.47	n/a	3/21/2018	17	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-11	12	n/a	3/21/2018	8.1ND	No	22	0	n/a	0.003707	NP Intra (normality) ...
Chromium, Total (ug/L)	GWC-12	3.202	n/a	3/21/2018	2.5ND	No	21	42.86	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-13	8.978	n/a	3/22/2018	28	No	22	0	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-14	3.6	n/a	3/20/2018	1.1ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Chromium, Total (ug/L)	GWC-18	20	n/a	3/20/2018	14	No	22	0	n/a	0.003707	NP Intra (normality) ...
Chromium, Total (ug/L)	GWC-19	16	n/a	3/20/2018	9.7	No	22	4.545	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-20	15.75	n/a	3/21/2018	8.5ND	No	22	4.545	No	0.000...	Param Intra 1 of 2
Cobalt, Total (ug/L)	GWA-15	2.5	n/a	3/20/2018	1.8	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWA-16	3	n/a	3/20/2018	0.4ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWA-17	0.4	n/a	3/20/2018	0.4ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-1	0.4	n/a	3/20/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-2	0.4	n/a	3/20/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-3	3.7	n/a	3/21/2018	0.4ND	No	22	77.27	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-4	0.68	n/a	3/21/2018	0.4ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-6	0.4	n/a	3/21/2018	0.4ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-7	0.4	n/a	3/22/2018	0.4ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-8A	6.8	n/a	3/22/2018	0.4ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-9	0.4	n/a	3/21/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-10	0.4	n/a	3/21/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-11	0.4	n/a	3/21/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-12	0.49	n/a	3/21/2018	0.4ND	No	22	81.82	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-13	0.4	n/a	3/22/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-14	0.4	n/a	3/20/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-18	3.2	n/a	3/20/2018	0.4ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-19	0.4	n/a	3/20/2018	0.4ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-20	0.5	n/a	3/21/2018	0.4ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-15	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-16	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-17	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-1	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-2	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-3	0.012	n/a	3/21/2018	0.0021ND	No	17	76.47	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-4	0.0037	n/a	3/21/2018	0.0021ND	No	17	47.06	n/a	0.005914	NP Intra (normality) ...
Copper (mg/L)	GWC-6	0.0037	n/a	3/21/2018	0.0021ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.008	n/a	3/22/2018	0.0021ND	No	17	76.47	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8A	0.2355	n/a	3/22/2018	0.0021ND	No	17	5.882	sqrt(x)	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Copper (mg/L)	GWC-9	0.0025	n/a	3/21/2018	0.0038	Yes	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.0021	n/a	3/21/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.0021	n/a	3/21/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-12	0.0021	n/a	3/21/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.0024	n/a	3/22/2018	0.0021ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14	0.0021	n/a	3/20/2018	0.0021ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.0025	n/a	3/20/2018	0.0021ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19	0.0021	n/a	3/20/2018	0.0021ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.0021	n/a	3/21/2018	0.0021ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-15	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-16	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-17	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-1	0.1087	n/a	3/20/2018	0.082ND	No	8	37.5	x^3	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-2	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-3	0.082	n/a	3/21/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-4	0.1871	n/a	3/21/2018	0.094	No	8	0	No	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-6	0.082	n/a	3/21/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-7	0.12	n/a	3/22/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-8A	0.2403	n/a	3/22/2018	0.091	No	8	0	No	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-9	0.083	n/a	3/21/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-10	0.082	n/a	3/21/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-11	0.082	n/a	3/21/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-12	0.082	n/a	3/21/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-13	0.082	n/a	3/22/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-14	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.082	n/a	3/20/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.082	n/a	3/21/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWA-15	0.35	n/a	3/20/2018	0.35ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWA-16	5.1	n/a	3/20/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWA-17	3.4	n/a	3/20/2018	0.35ND	No	22	72.73	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-1	8.5	n/a	3/20/2018	0.35ND	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-2	6.3	n/a	3/20/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-3	11	n/a	3/21/2018	0.35ND	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-4	6.2	n/a	3/21/2018	0.35ND	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-6	6.7	n/a	3/21/2018	0.35ND	No	22	68.18	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-7	6.4	n/a	3/22/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-8A	23	n/a	3/22/2018	0.35ND	No	22	45.45	n/a	0.003707	NP Intra (normality) ...
Lead, Total (ug/L)	GWC-9	6.9	n/a	3/21/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-10	7	n/a	3/21/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-11	5.1	n/a	3/21/2018	0.35ND	No	21	66.67	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-12	0.35	n/a	3/21/2018	0.35ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-13	3.6	n/a	3/22/2018	0.35ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-14	2.8	n/a	3/20/2018	0.35ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-18	5.2	n/a	3/20/2018	0.35ND	No	22	68.18	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-19	5.6	n/a	3/20/2018	0.35ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-20	5.6	n/a	3/21/2018	0.35ND	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-15	0.0002	n/a	3/20/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-16	0.00014	n/a	3/20/2018	0.00007ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-17	0.0002	n/a	3/20/2018	0.0002ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Mercury (mg/L)	GWC-1	0.0002	n/a	3/20/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-2	0.0002	n/a	3/20/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-3	0.00014	n/a	3/21/2018	0.00007ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-4	0.0002	n/a	3/21/2018	0.0002ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.0002	n/a	3/21/2018	0.0002ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-7	0.0002	n/a	3/22/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-8A	0.0002	n/a	3/22/2018	0.0002ND	No	22	81.82	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-9	0.000088	n/a	3/21/2018	0.00007ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-10	0.00011	n/a	3/21/2018	0.00007ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-11	0.00019	n/a	3/21/2018	0.00007ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-12	0.00007	n/a	3/21/2018	0.00007ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-13	0.0002	n/a	3/22/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-14	0.00016	n/a	3/20/2018	0.00007ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.000089	n/a	3/20/2018	0.00007ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19	0.0002	n/a	3/20/2018	0.0002ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20	0.0001	n/a	3/21/2018	0.00007ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-15	0.00202	n/a	3/20/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.0025	n/a	3/20/2018	0.04	Yes	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-17	0.0018	n/a	3/20/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-1	0.0086	n/a	3/20/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-2	0.0033	n/a	3/20/2018	0.0018ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-3	0.0093	n/a	3/21/2018	0.0022	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-4	0.0021	n/a	3/21/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.0053	n/a	3/21/2018	0.0018ND	No	17	76.47	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.0044	n/a	3/22/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8A	0.0093	n/a	3/22/2018	0.0018ND	No	17	41.18	n/a	0.005914	NP Intra (normality) ...
Nickel (mg/L)	GWC-9	0.0018	n/a	3/21/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.00271	n/a	3/21/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0018	n/a	3/21/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.0018	n/a	3/21/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13	0.0018	n/a	3/22/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-14	0.0018	n/a	3/20/2018	0.0018ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.0045	n/a	3/20/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.01	n/a	3/20/2018	0.0018ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.0063	n/a	3/21/2018	0.0018ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-15	5.807	5.203	3/20/2018	5.48	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWA-16	6.627	6.136	3/20/2018	6.36	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWA-17	6.446	5.482	3/20/2018	5.97	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-1	6.798	6.212	3/20/2018	6.63	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-2	7	6.36	3/20/2018	6.52	No	11	0	n/a	0.02553	NP Intra (normality) ...
pH (S.U.)	GWC-3	6.149	5.684	3/21/2018	5.96	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-4	6.542	6.069	3/21/2018	6.23	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-6	6.371	5.996	3/21/2018	6.21	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-7	6.473	6.162	3/22/2018	6.34	No	11	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-8A	7.11	6.24	3/22/2018	7.05	No	15	0	n/a	0.01507	NP Intra (normality) ...
pH (S.U.)	GWC-9	6.938	6.202	3/21/2018	6.76	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-10	6.661	5.969	3/21/2018	6.56	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-11	6.414	5.919	3/21/2018	6.21	No	11	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-12	5.48	4.77	3/21/2018	5.33	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-13	6.138	5.588	3/22/2018	5.88	No	13	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
pH (S.U.)	GWC-14	5.869	5.296	3/20/2018	5.73	No	11	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-18	6.488	6.11	3/20/2018	6.34	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-19	6.51	6.35	3/20/2018	6.37	No	11	0	n/a	0.02553	NP Intra (normality) ...
pH (S.U.)	GWC-20	6.734	6.281	3/21/2018	6.5	No	12	0	No	0.000...	Param Intra 1 of 2
Selenium, Total (ug/L)	GWA-15	1.3	n/a	3/20/2018	1.3ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWA-16	4.3	n/a	3/20/2018	0.24ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWA-17	4.4	n/a	3/20/2018	0.24ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-1	5.3	n/a	3/20/2018	1.3ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-2	4.5	n/a	3/20/2018	1.3ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-3	0.36	n/a	3/21/2018	0.24ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-4	1.3	n/a	3/21/2018	1.3ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-6	7	n/a	3/21/2018	1.3ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-7	5.3	n/a	3/22/2018	0.24ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-8A	4.5	n/a	3/22/2018	0.32	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-9	6.5	n/a	3/21/2018	1.3ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-10	4.6	n/a	3/21/2018	0.24ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-11	5	n/a	3/21/2018	0.24ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-12	4	n/a	3/21/2018	0.24ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-13	0.24	n/a	3/22/2018	0.24ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-14	5.2	n/a	3/20/2018	0.24ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-18	4.1	n/a	3/20/2018	0.24ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-19	4.4	n/a	3/20/2018	0.24ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-20	0.24	n/a	3/21/2018	0.24ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-15	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-16	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-17	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.00012	n/a	3/20/2018	0.00011ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-2	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-3	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-4	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.00012	n/a	3/21/2018	0.00011ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-7	0.00011	n/a	3/22/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-8A	0.00011	n/a	3/22/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-9	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-10	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-11	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-12	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-13	0.00011	n/a	3/22/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-14	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-18	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-19	0.00011	n/a	3/20/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-20	0.00011	n/a	3/21/2018	0.00011ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-15	1	n/a	3/20/2018	1.2	Yes	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-16	0.7	n/a	3/20/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-17	0.7	n/a	3/20/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-1	1	n/a	3/20/2018	0.95	No	8	50	n/a	0.02144	NP Intra (normality) ...
Sulfate (mg/L)	GWC-2	0.7	n/a	3/20/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	3/21/2018	0.7ND	No	8	62.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.614	n/a	3/21/2018	4.9	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	18.51	n/a	3/21/2018	9.5	No	8	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Sulfate (mg/L)	GWC-7	0.7	n/a	3/22/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-8A	46.61	n/a	3/22/2018	39	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	19.63	n/a	3/21/2018	12	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	1.355	n/a	3/21/2018	1.1	No	8	37.5	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-11	0.7	n/a	3/21/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-12	0.7	n/a	3/21/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-13	0.7	n/a	3/22/2018	0.7ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-14	0.7	n/a	3/20/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	0.7	n/a	3/20/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	0.7	n/a	3/20/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-20	0.7	n/a	3/21/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWA-15	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWA-16	0.3	n/a	3/20/2018	0.085ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWA-17	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-1	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-2	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-3	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-4	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-6	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-7	0.27	n/a	3/22/2018	0.085ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-8A	0.085	n/a	3/22/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-9	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-10	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-11	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-12	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-13	0.085	n/a	3/22/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-14	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-18	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-19	0.085	n/a	3/20/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-20	0.085	n/a	3/21/2018	0.085ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWA-15	73.77	n/a	3/20/2018	20	No	8	12.5	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-16	171.2	n/a	3/20/2018	110	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-17	150.6	n/a	3/20/2018	90	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-1	170.8	n/a	3/20/2018	110	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-2	207.6	n/a	3/20/2018	120	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-3	110.3	n/a	3/21/2018	98	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	140.4	n/a	3/21/2018	160	Yes	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-6	174.7	n/a	3/21/2018	170	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-7	160.7	n/a	3/22/2018	130	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-8A	220.3	n/a	3/22/2018	220	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	217.1	n/a	3/21/2018	160	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-10	170.5	n/a	3/21/2018	120	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-11	361.1	n/a	3/21/2018	100	No	8	0	x^(1/3)	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-12	207.8	n/a	3/21/2018	28	No	8	50	ln(x)	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-13	98.85	n/a	3/22/2018	76	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-14	98.65	n/a	3/20/2018	42	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	114	n/a	3/20/2018	92	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-19	165	n/a	3/20/2018	100	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	129.9	n/a	3/21/2018	100	No	8	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWA-15	0.0035	n/a	3/20/2018	0.0014ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2

Prediction Limit

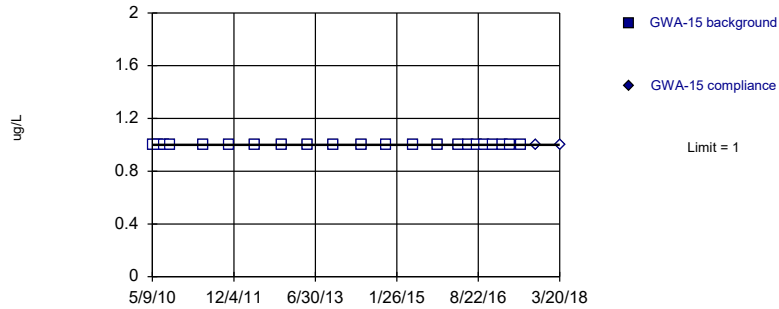
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Vanadium (mg/L)	GWA-16	0.01365	n/a	3/20/2018	0.0067	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWA-17	0.009845	n/a	3/20/2018	0.0041	No	17	23.53	sqrt(x)	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-1	0.02566	n/a	3/20/2018	0.016	No	17	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-2	0.02028	n/a	3/20/2018	0.014	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-3	0.01144	n/a	3/21/2018	0.0097	No	16	6.25	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-4	0.01268	n/a	3/21/2018	0.0058	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-6	0.01045	n/a	3/21/2018	0.0077	No	14	7.143	x^2	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-7	0.0161	n/a	3/22/2018	0.012	No	15	6.667	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-8A	0.1115	n/a	3/22/2018	0.0043	No	17	0	sqrt(x)	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-9	0.02519	n/a	3/21/2018	0.018	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-10	0.01799	n/a	3/21/2018	0.012	No	17	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-11	0.0139	n/a	3/21/2018	0.0098	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-12	0.0032	n/a	3/21/2018	0.0014ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.004	n/a	3/22/2018	0.0014ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14	0.0026	n/a	3/20/2018	0.0014ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.01207	n/a	3/20/2018	0.0064	No	17	5.882	ln(x)	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-19	0.01125	n/a	3/20/2018	0.0072	No	17	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-20	0.02409	n/a	3/21/2018	0.021	No	17	5.882	No	0.000...	Param Intra 1 of 2
Zinc (mg/L)	GWA-15	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-16	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-17	0.0073	n/a	3/20/2018	0.0065ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-1	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-2	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-3	0.018	n/a	3/21/2018	0.0065ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-4	0.0065	n/a	3/21/2018	0.0065ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.0065	n/a	3/21/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.0065	n/a	3/22/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8A	0.2896	n/a	3/22/2018	0.0065ND	No	17	11.76	sqrt(x)	0.000...	Param Intra 1 of 2
Zinc (mg/L)	GWC-9	0.0065	n/a	3/21/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.0065	n/a	3/21/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.02	n/a	3/21/2018	0.007	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.0065	n/a	3/21/2018	0.0065ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-13	0.0065	n/a	3/22/2018	0.0065ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.0065	n/a	3/20/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.0085	n/a	3/20/2018	0.0065ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.0065	n/a	3/21/2018	0.0065ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



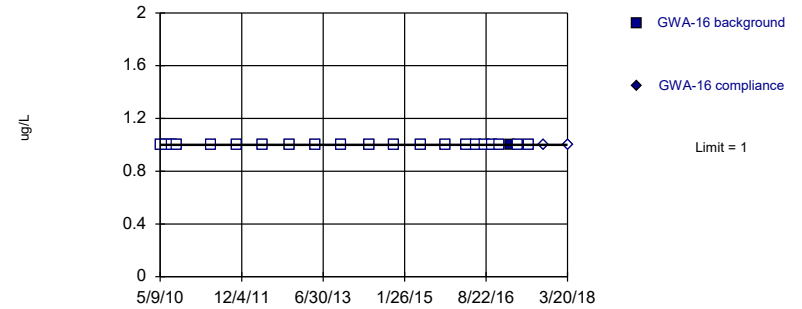
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



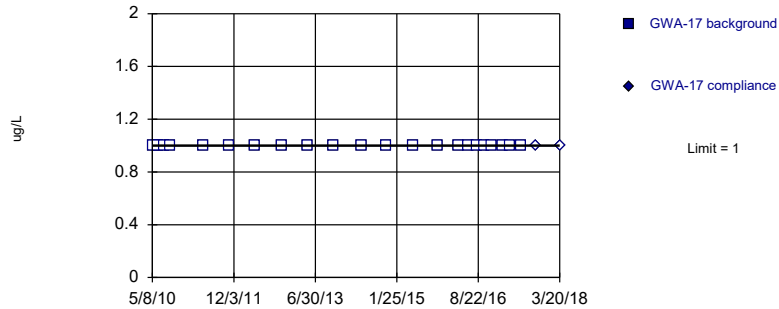
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



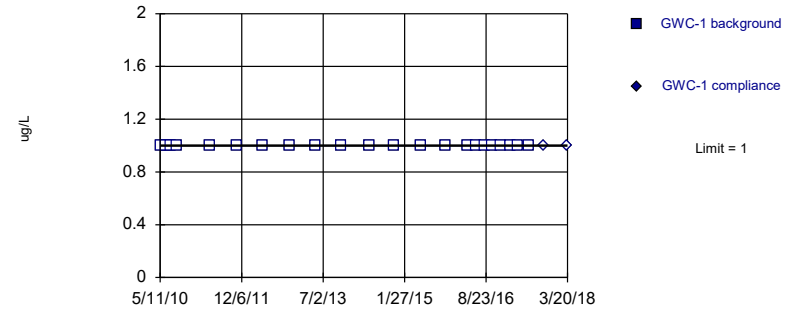
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

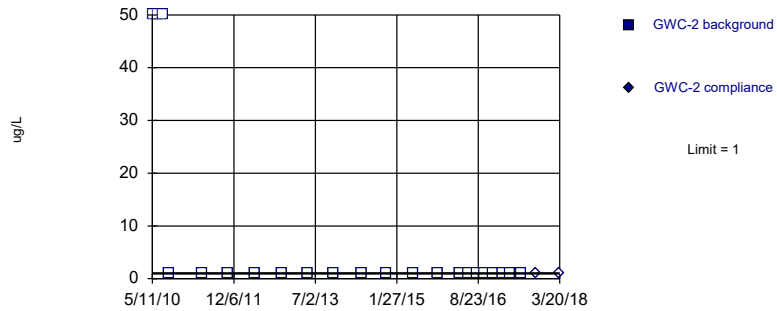


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

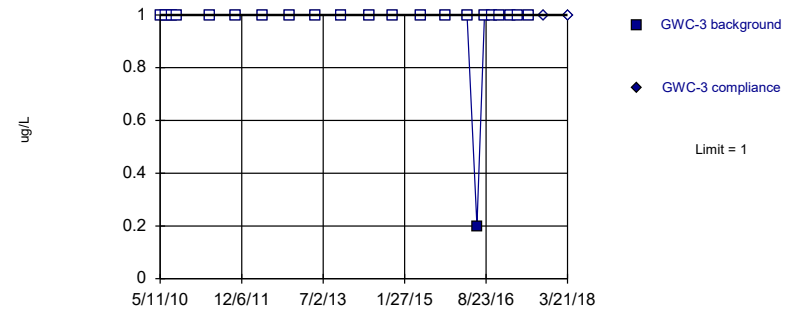


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

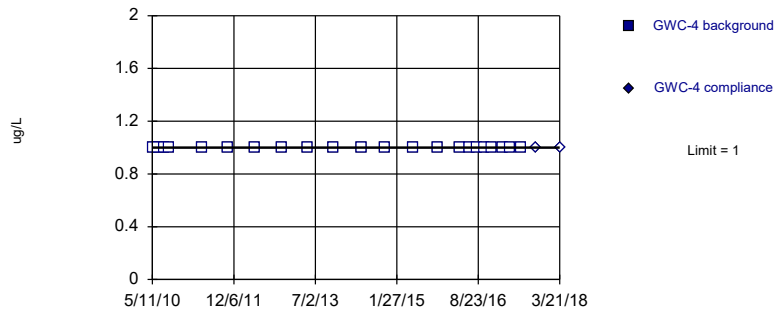


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

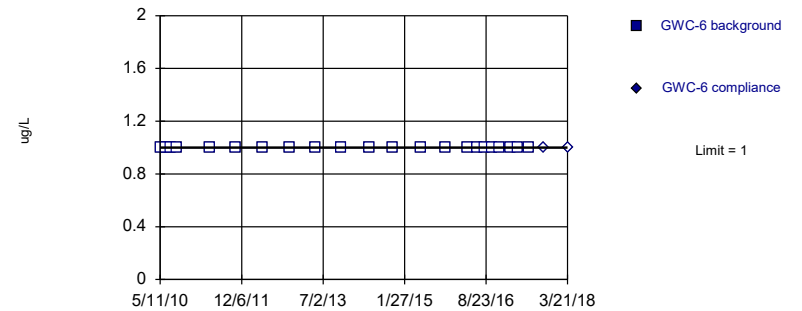


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

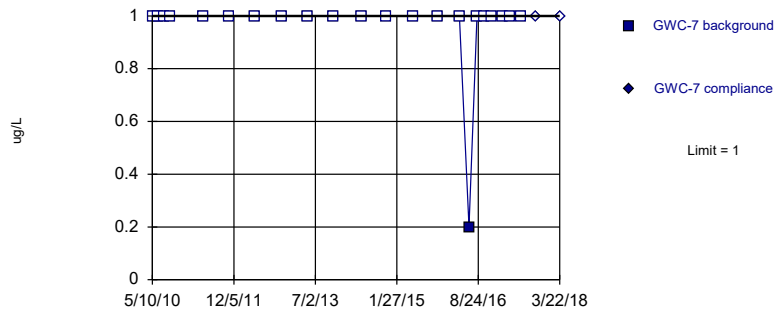


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

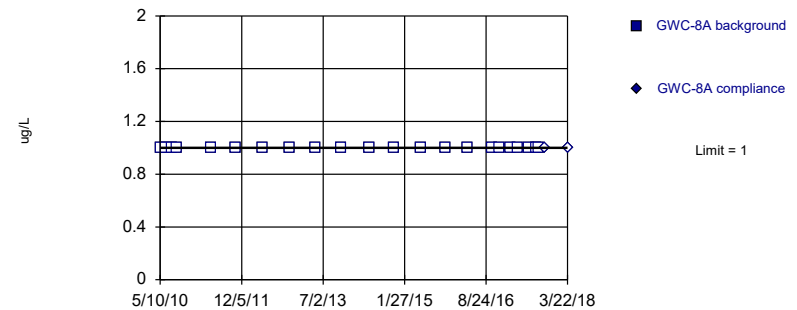


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

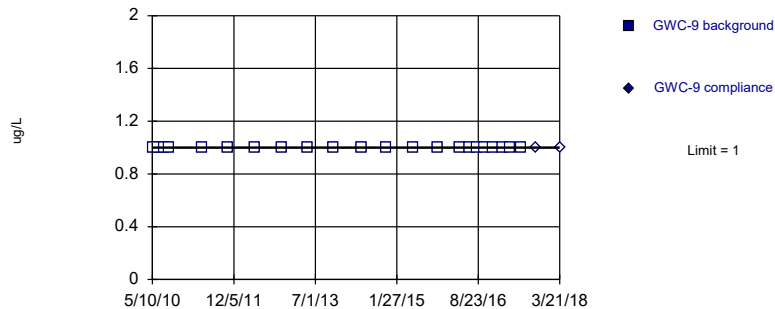


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

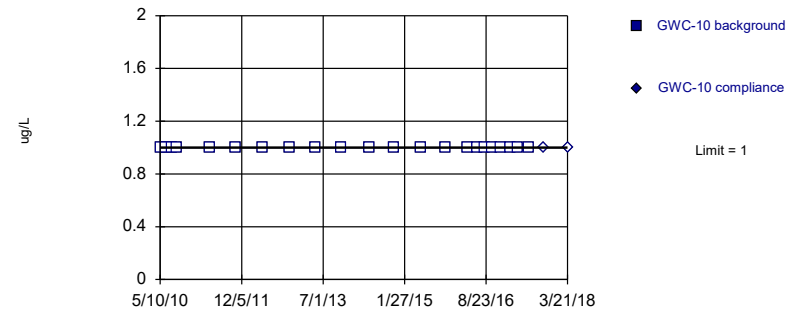


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



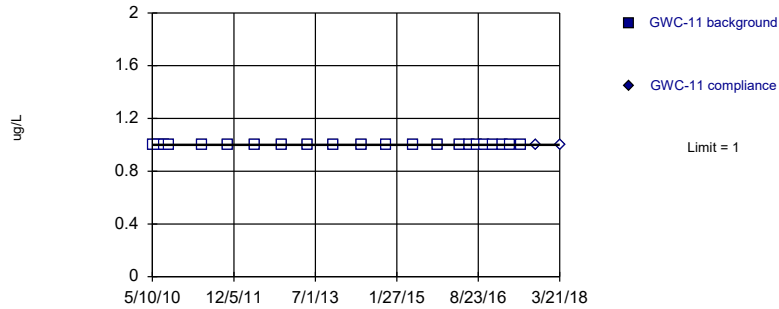
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



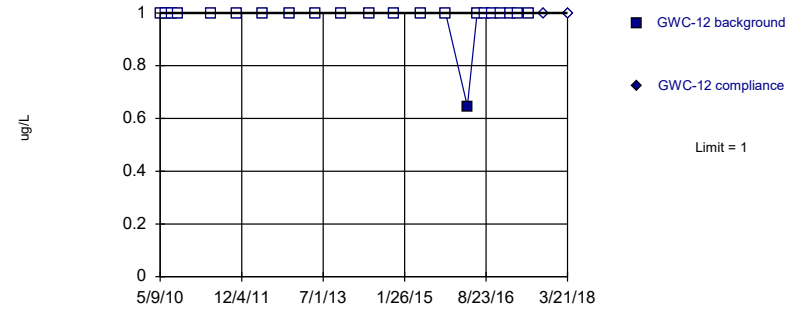
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



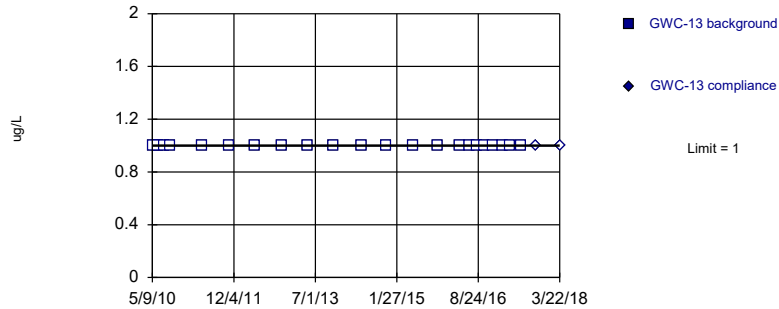
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Within Limit

Prediction Limit
Intrawell Non-parametric



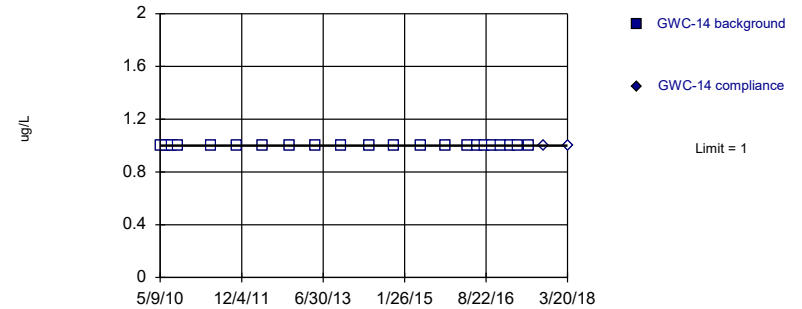
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



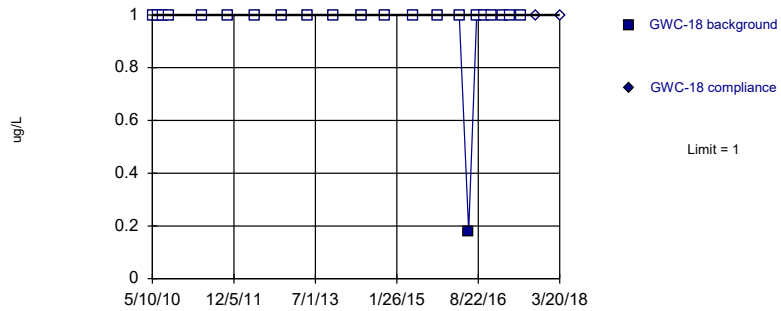
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Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



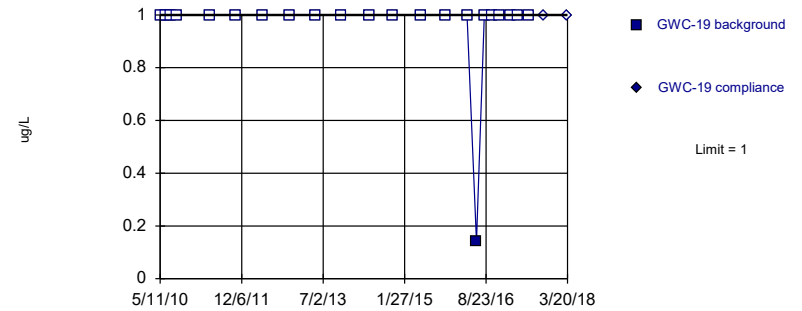
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



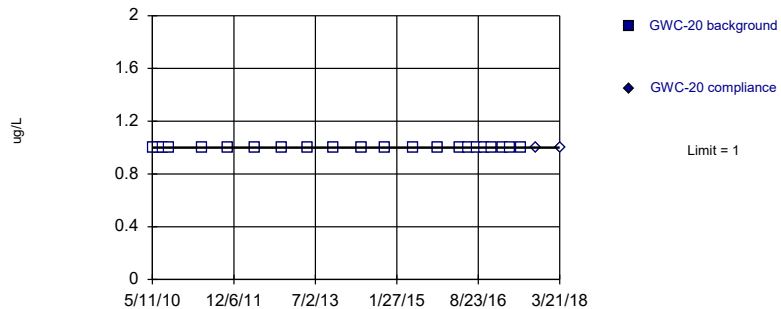
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



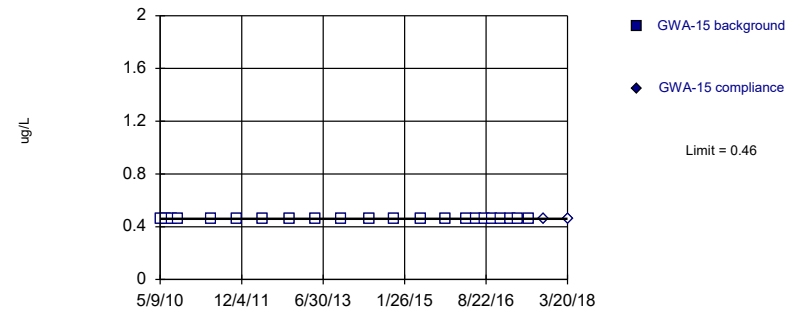
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

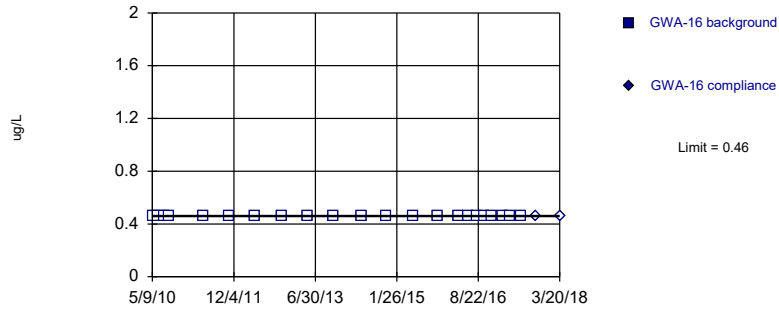


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

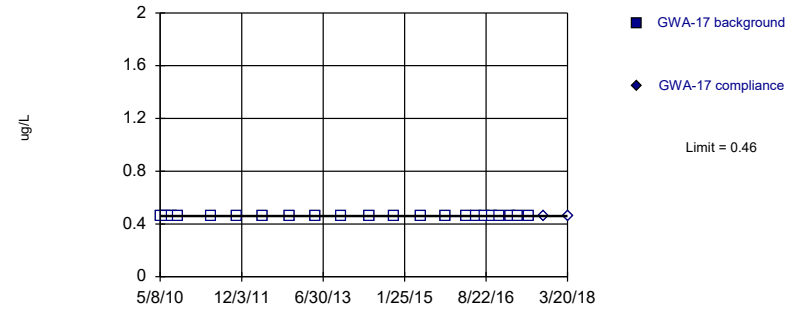


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

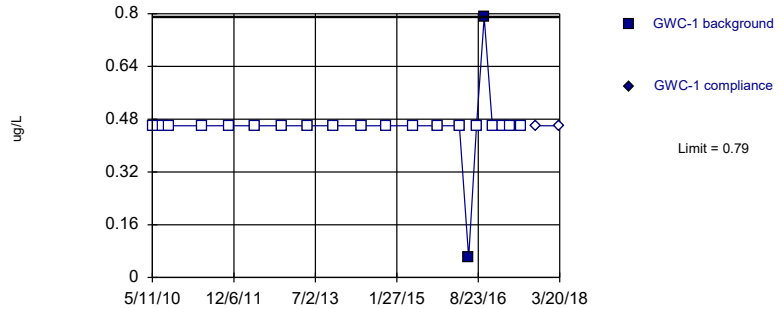


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

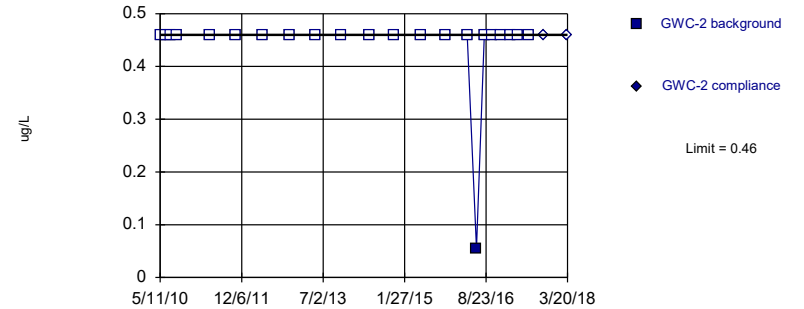


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



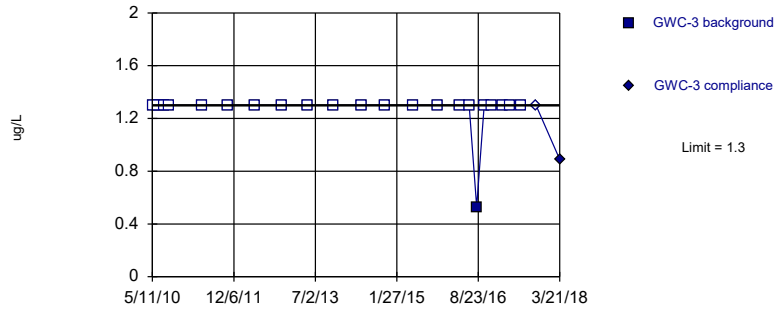
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
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Within Limit

Prediction Limit
Intrawell Non-parametric



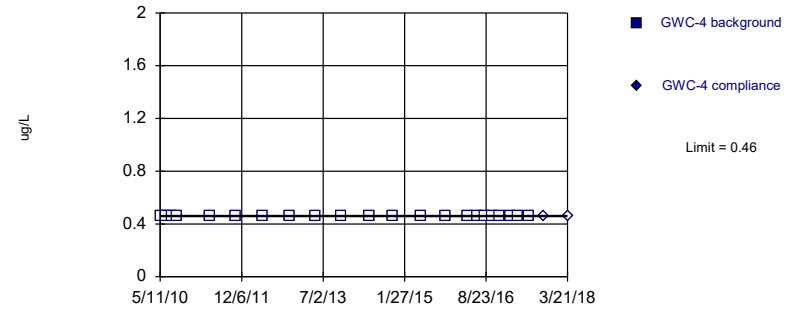
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
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Within Limit

Prediction Limit
Intrawell Non-parametric



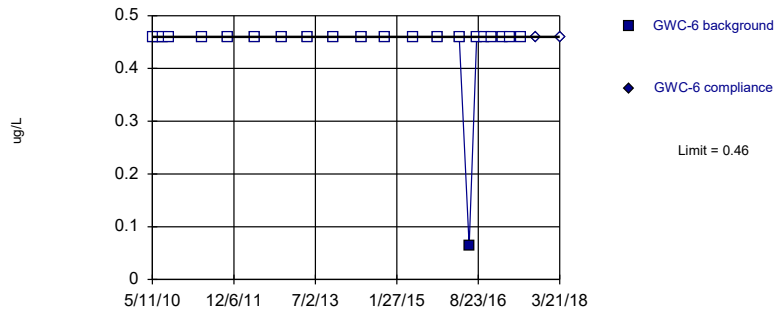
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



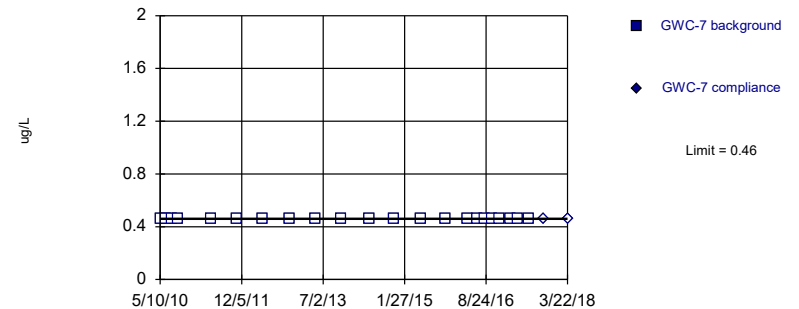
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

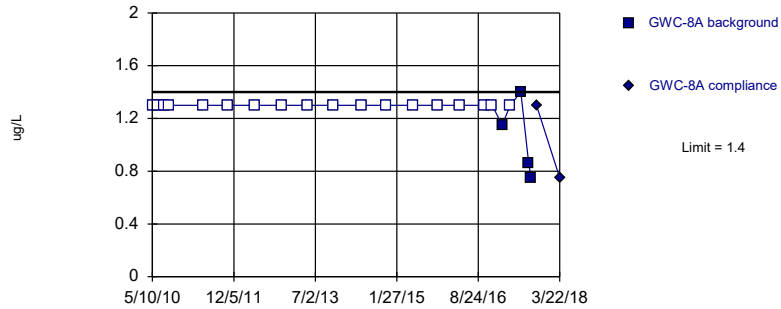


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

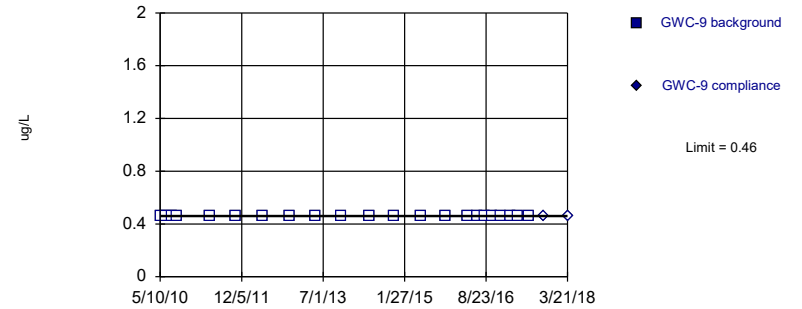


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

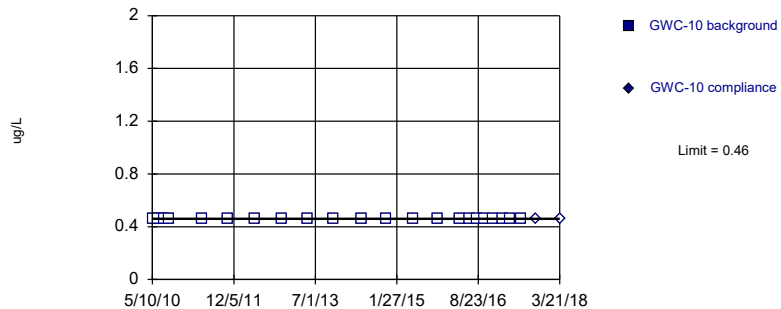


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

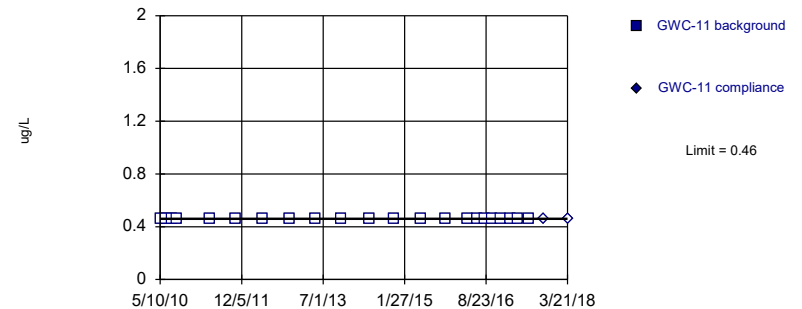


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric



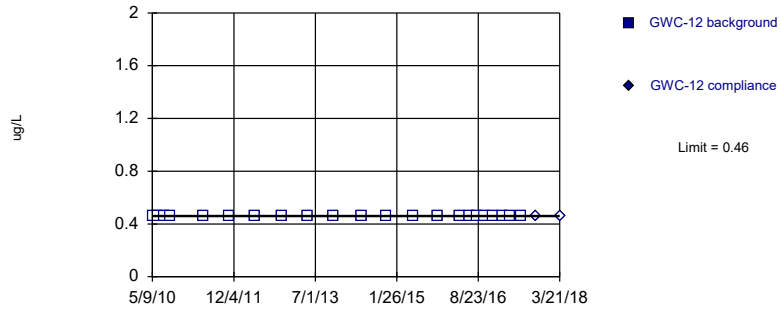
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



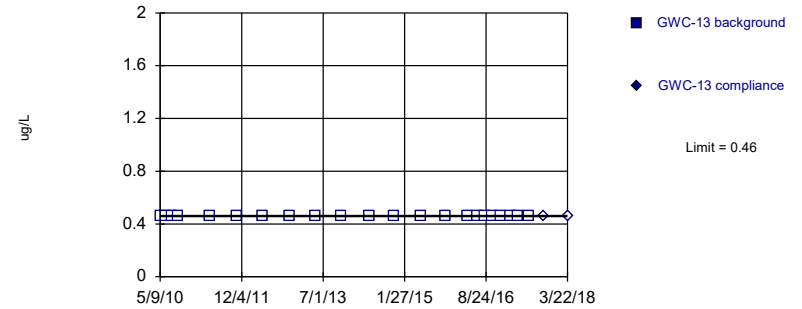
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



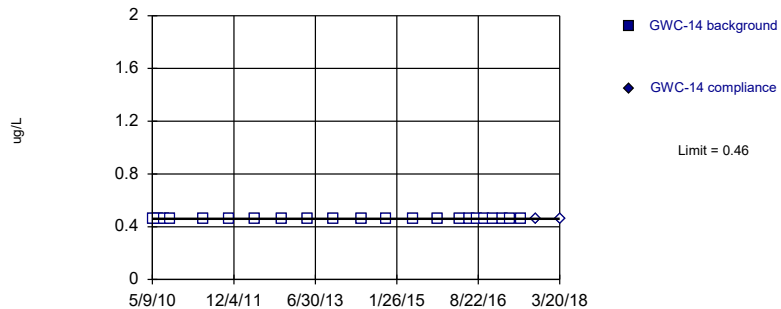
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
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Within Limit

Prediction Limit
Intrawell Non-parametric



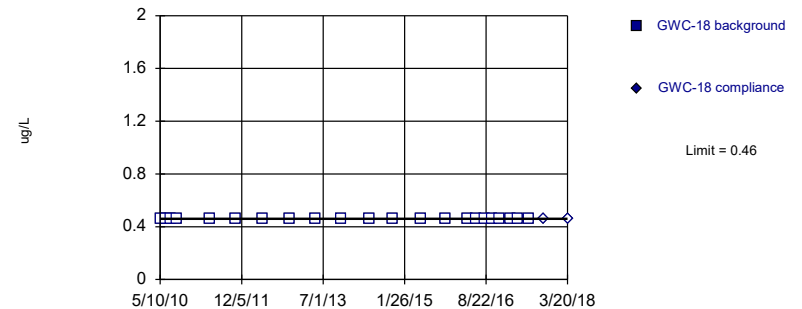
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Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
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Within Limit

Prediction Limit
Intrawell Non-parametric

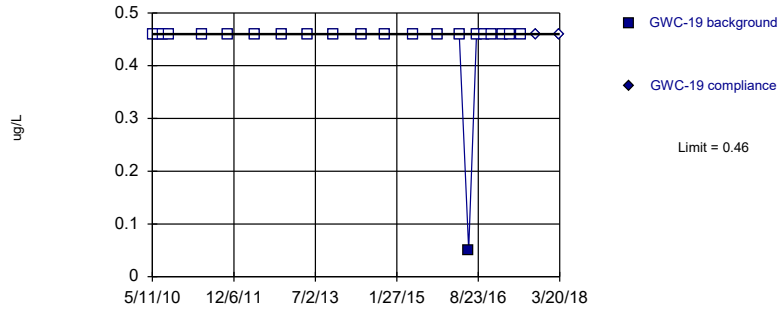


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Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

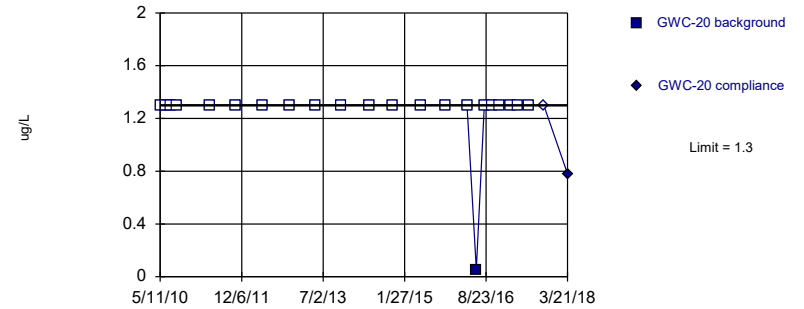


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

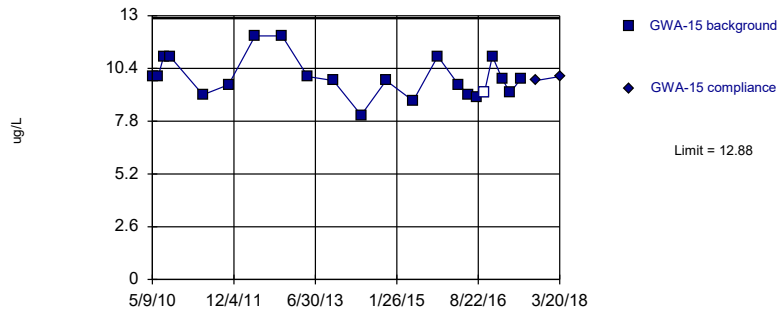


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

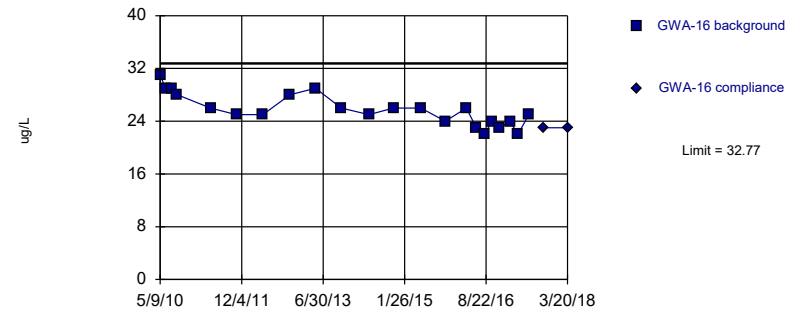


Background Data Summary: Mean=9.959, Std. Dev.=1.008, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.937, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

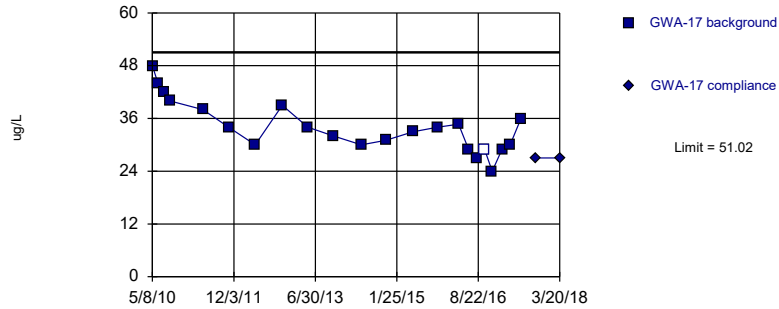
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=25.73, Std. Dev.=2.434, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9506, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

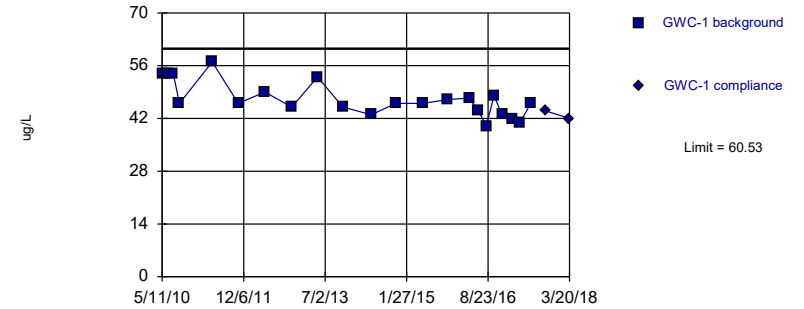
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=33.99, Std. Dev.=5.886, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9551, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

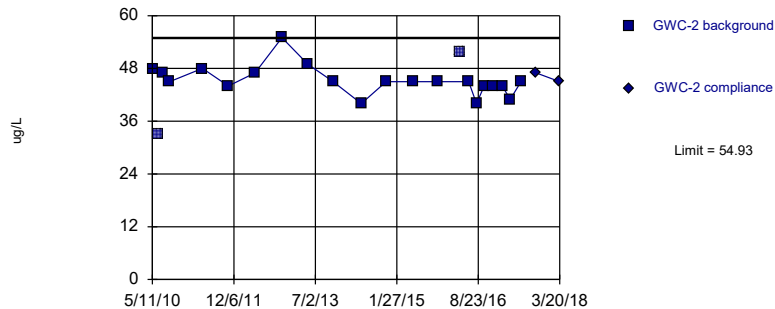
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=47.11, Std. Dev.=4.639, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9244, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

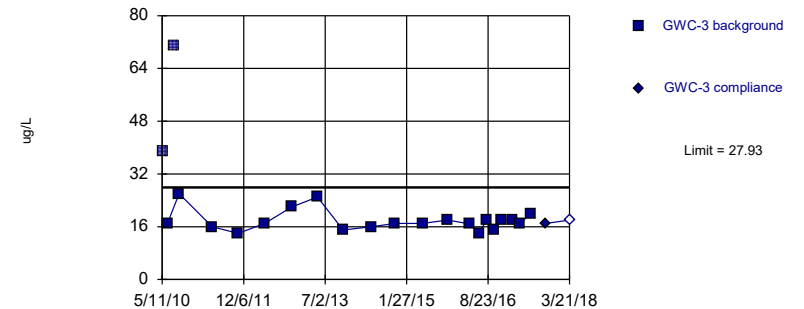
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=45.3, Std. Dev.=3.326, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8835, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

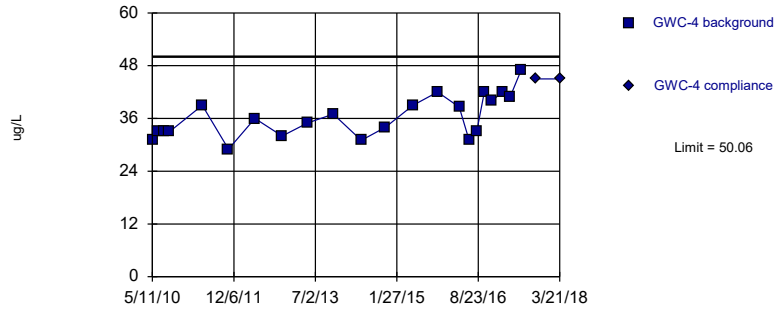
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=2.605, Std. Dev.=0.1482, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8735, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

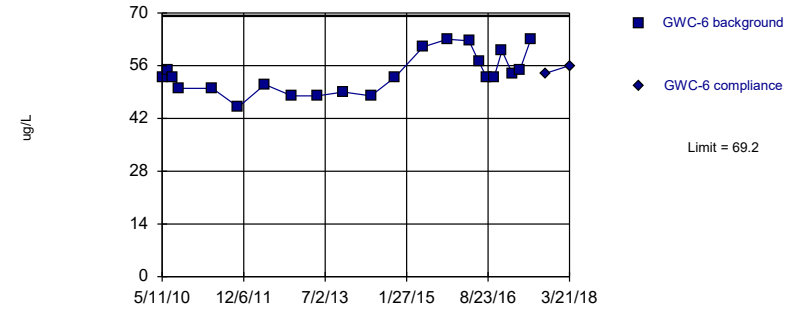
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=36.3, Std. Dev.=4.755, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9456, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

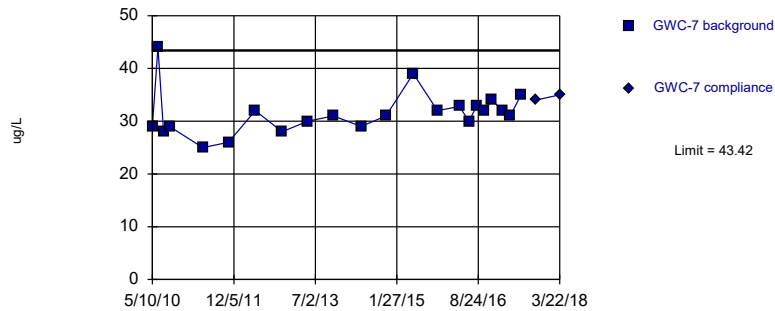
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=53.85, Std. Dev.=5.307, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9304, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

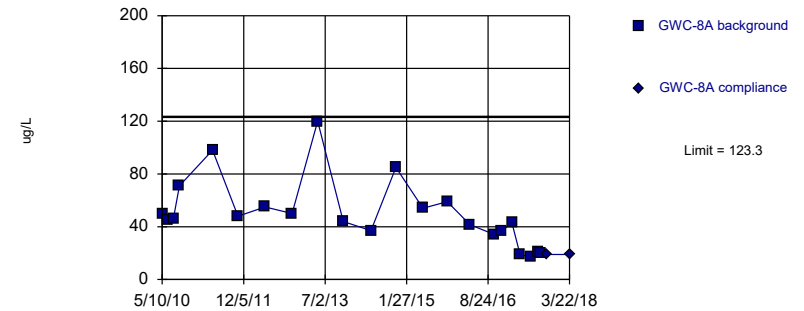
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=31.49, Std. Dev.=4.123, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8914, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Parametric



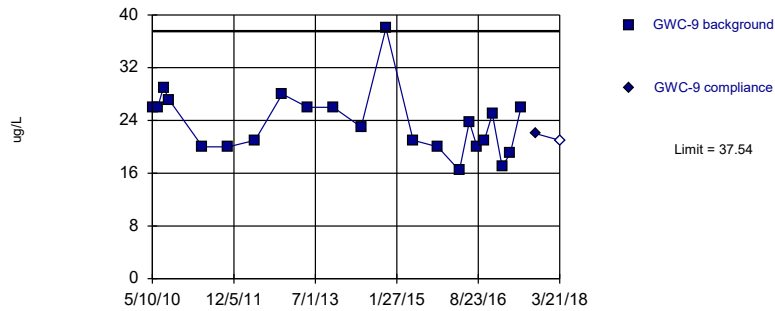
Background Data Summary: Mean=49.75, Std. Dev.=25.43, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8892, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



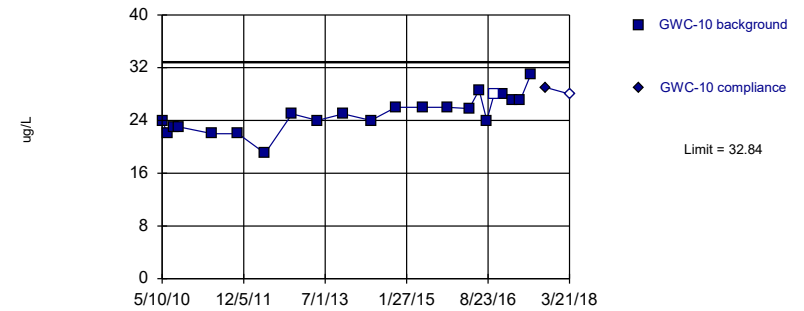
Background Data Summary: Mean=23.6, Std. Dev.=4.817, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9073, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



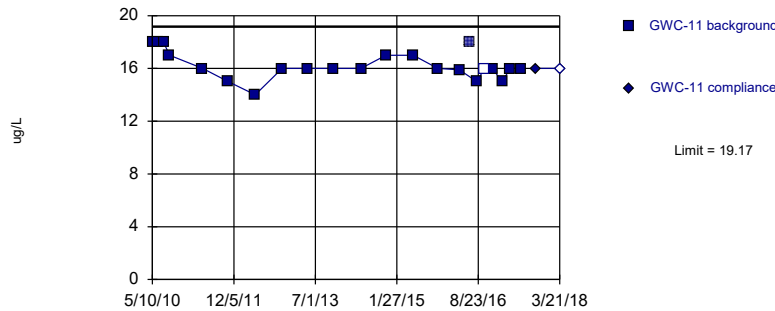
Background Data Summary: Mean=25.02, Std. Dev.=2.704, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9835, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



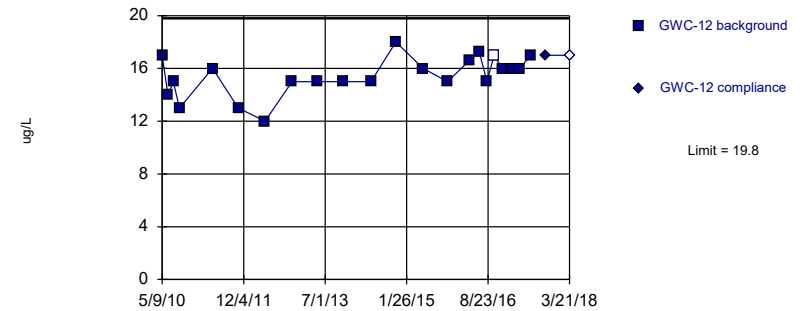
Background Data Summary: Mean=16.19, Std. Dev.=1.032, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8852, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric

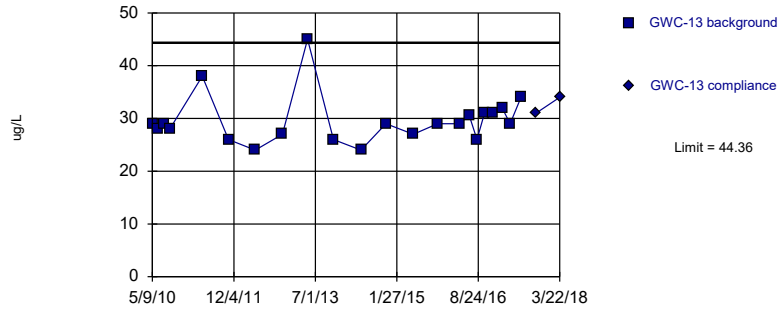


Background Data Summary: Mean=15.45, Std. Dev.=1.502, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9404, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

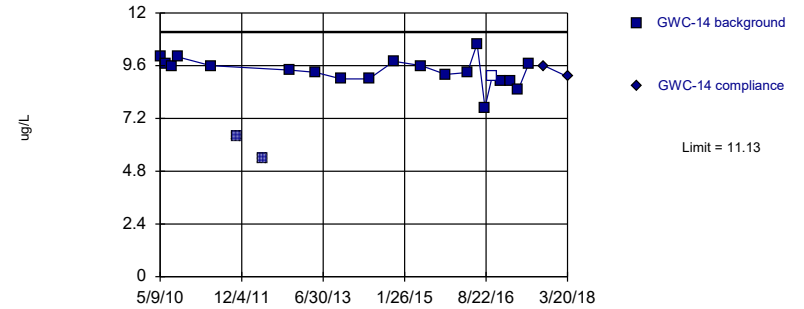


Background Data Summary (based on natural log transformation): Mean=3.378, Std. Dev.=0.1432, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8855, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

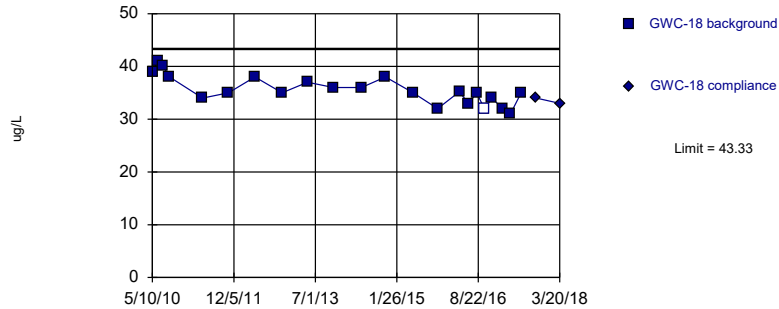


Background Data Summary: Mean=9.345, Std. Dev.=0.6169, n=20, 5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9561, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

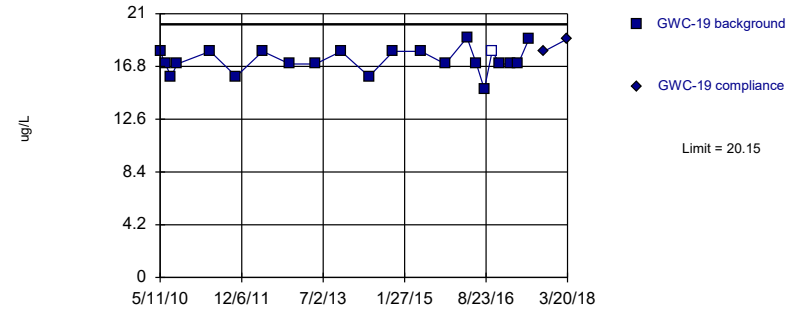


Background Data Summary: Mean=35.51, Std. Dev.=2.702, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9634, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

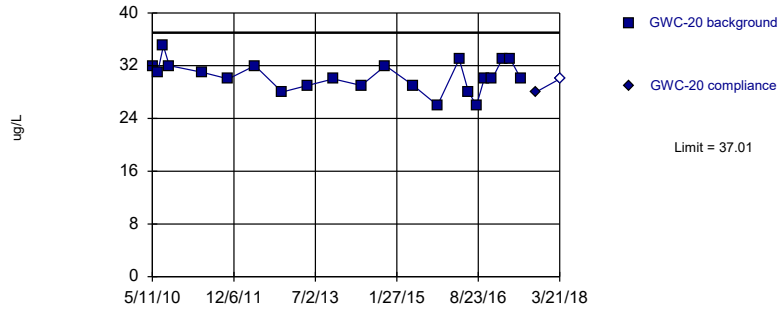


Background Data Summary: Mean=17.28, Std. Dev.=0.9933, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9152, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

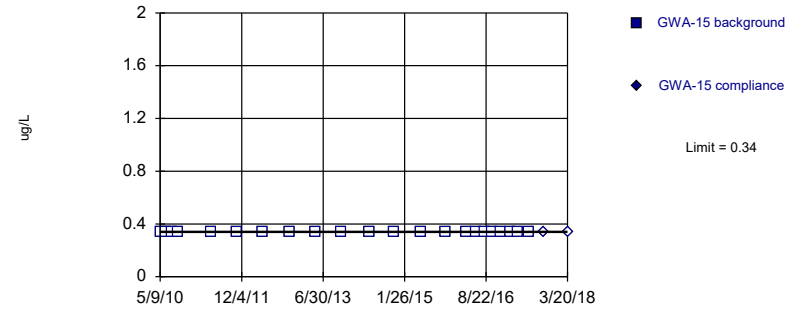


Background Data Summary: Mean=30.41, Std. Dev.=2.282, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9653, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

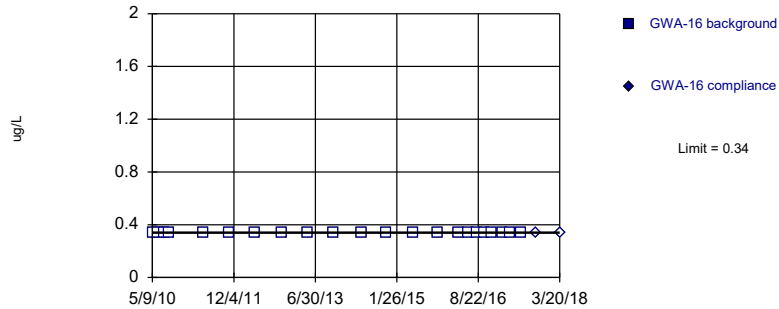


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

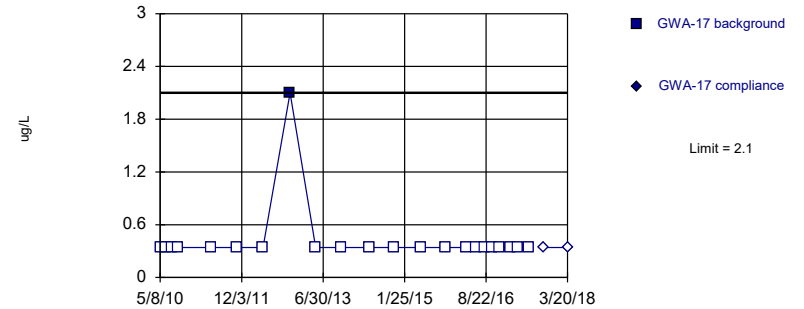


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric



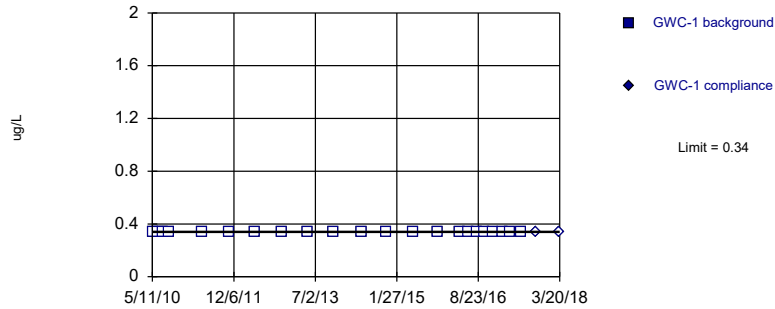
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



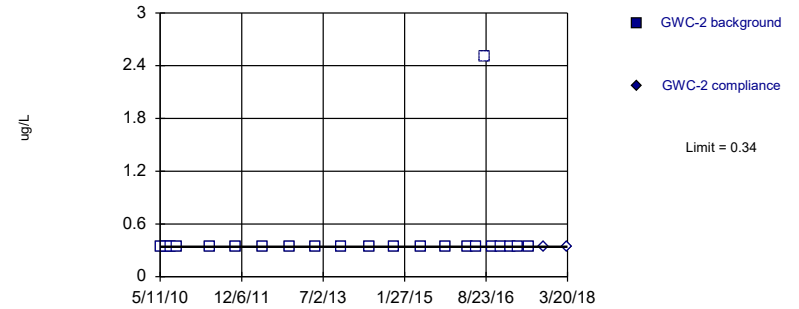
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



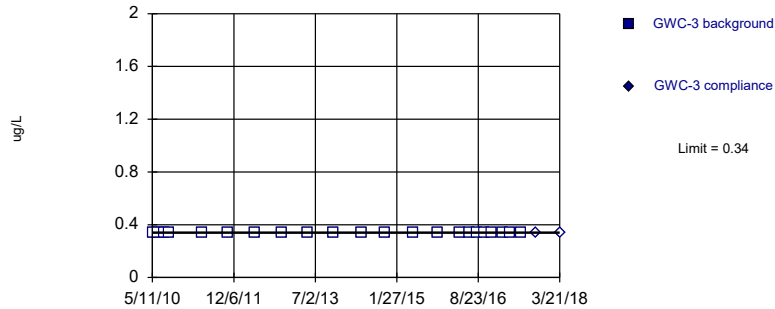
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



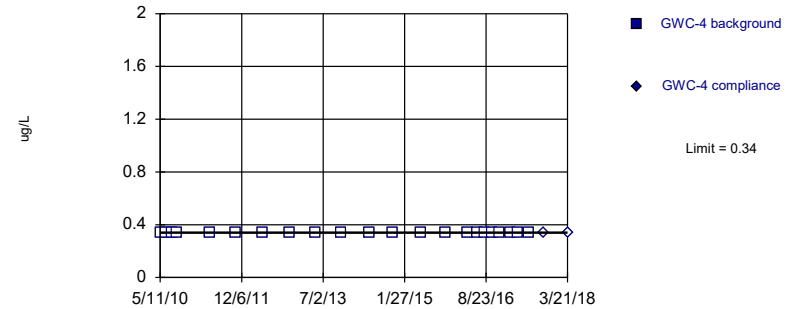
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



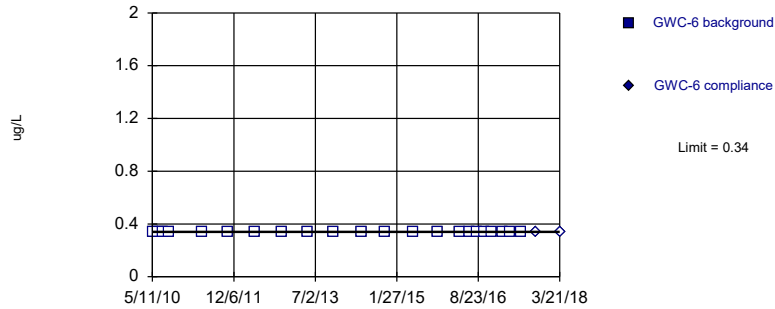
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



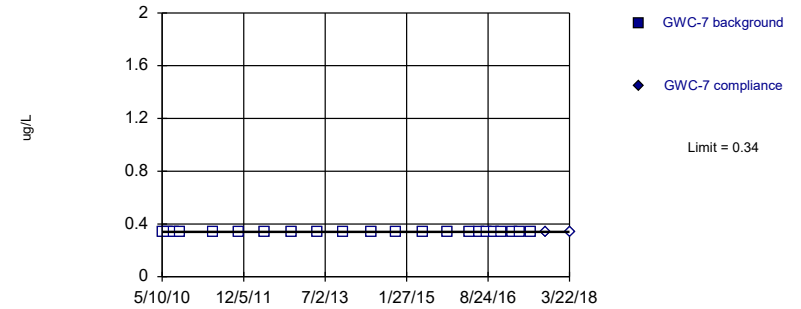
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



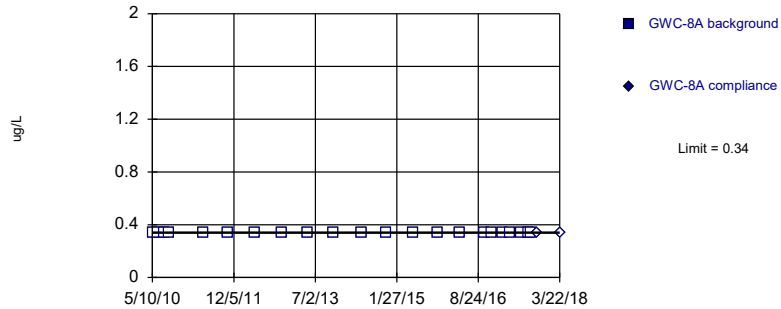
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



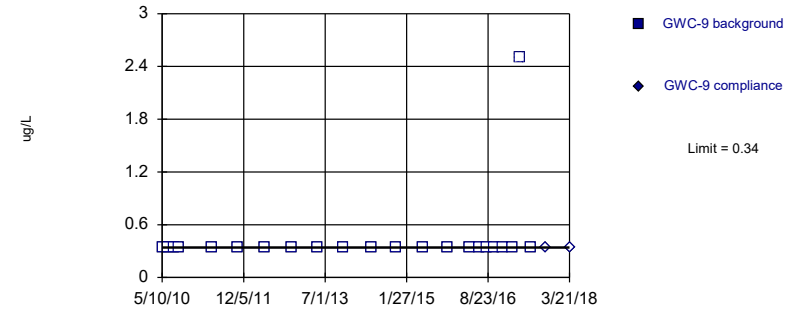
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



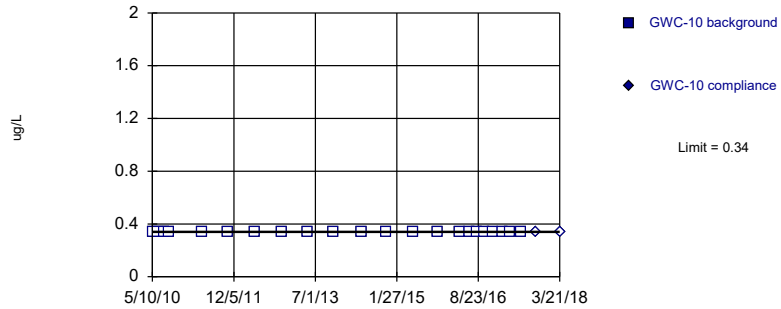
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



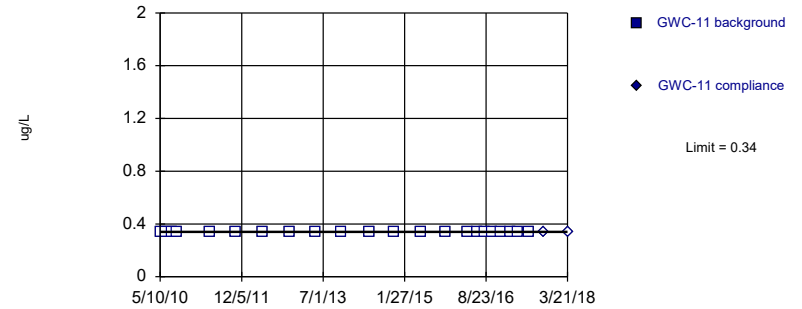
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



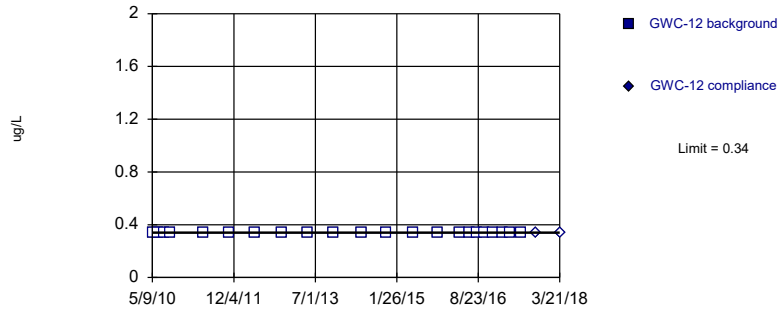
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



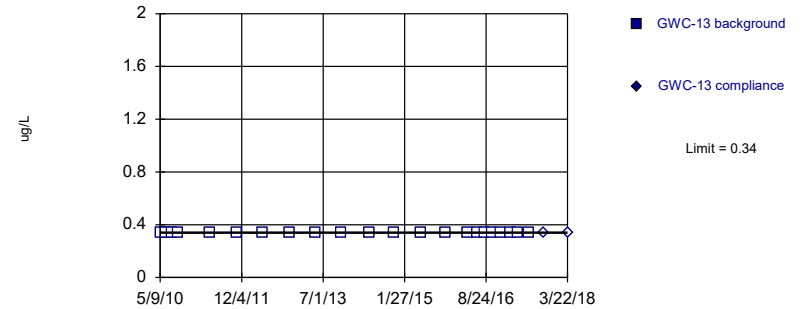
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



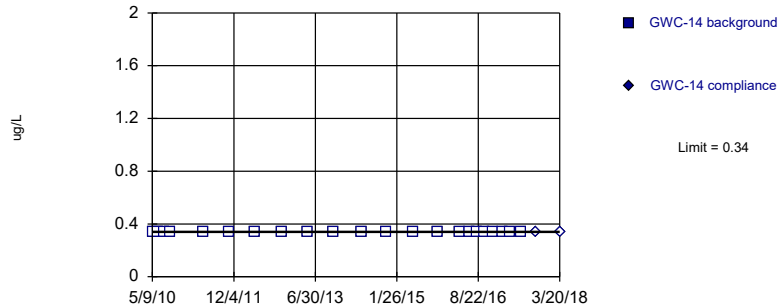
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



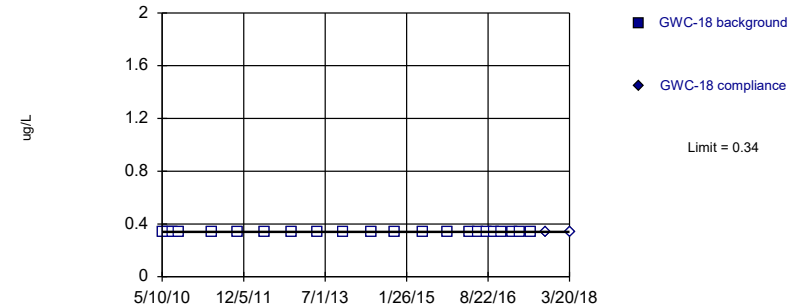
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



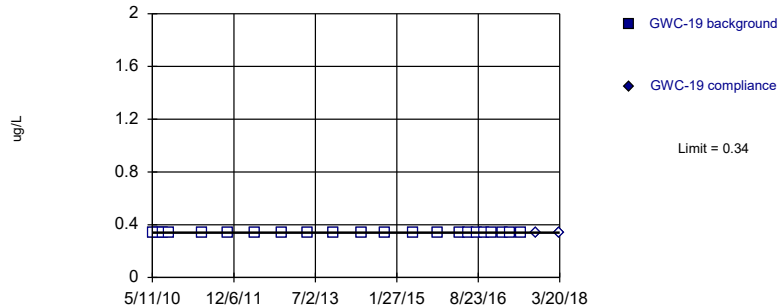
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



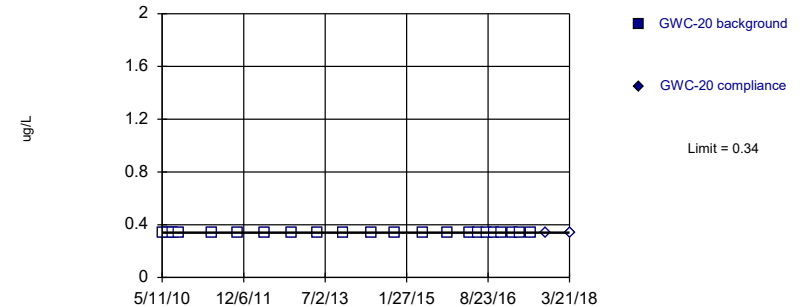
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

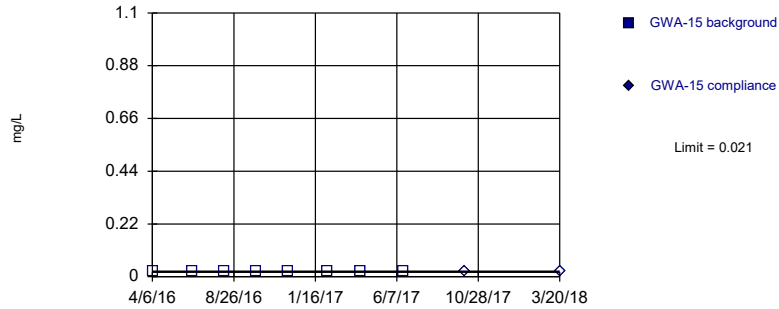
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

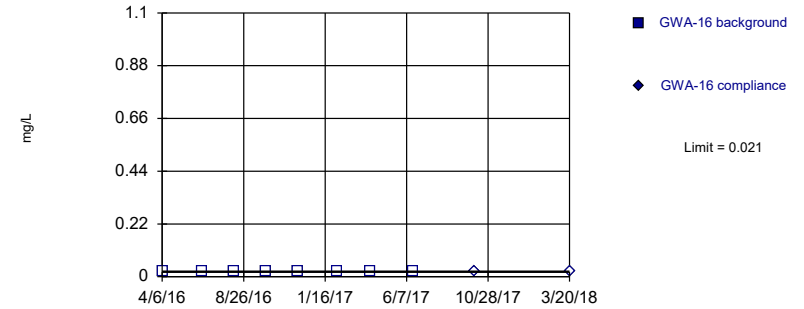
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

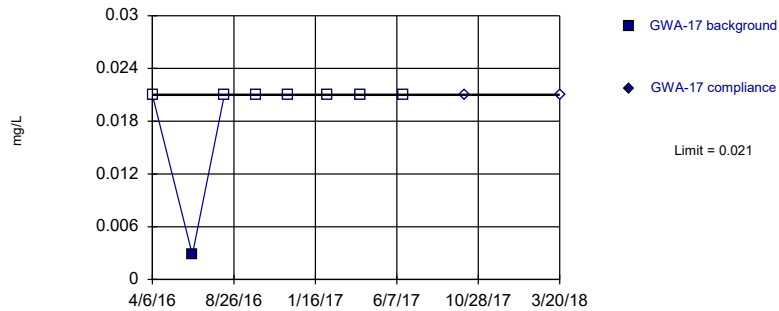
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

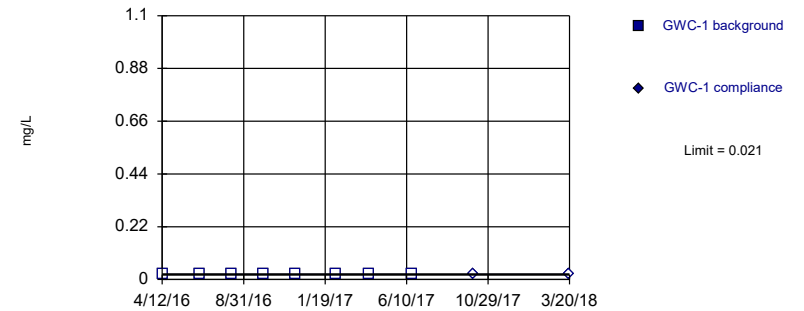
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

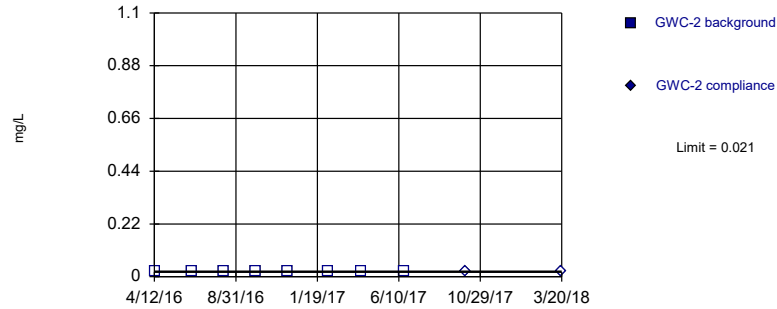
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

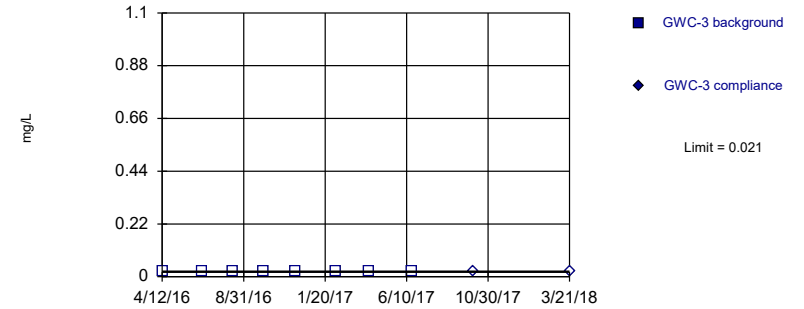
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

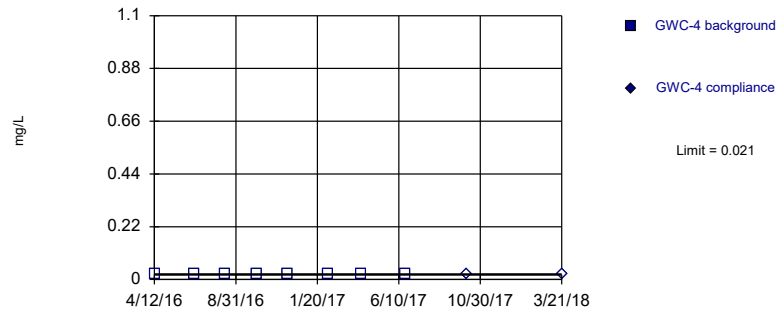
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

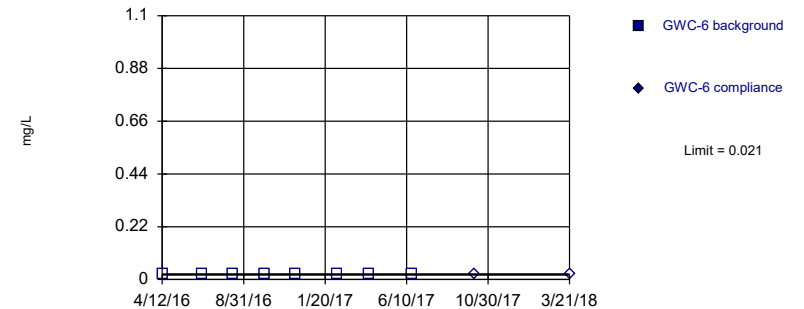
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

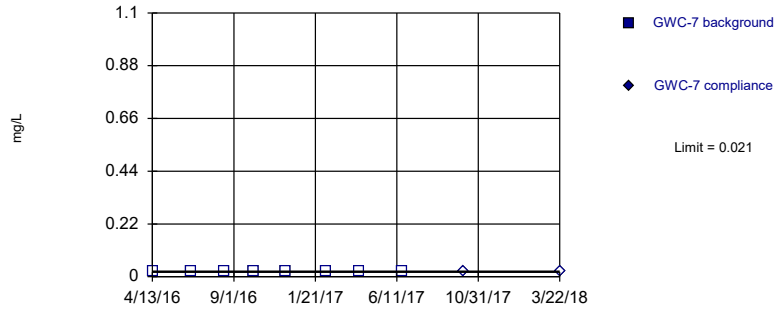
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

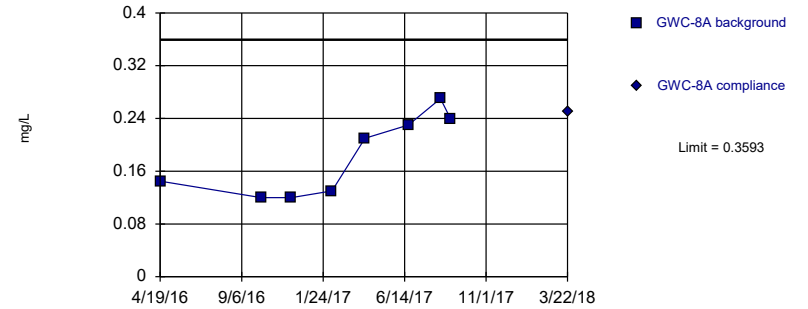
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

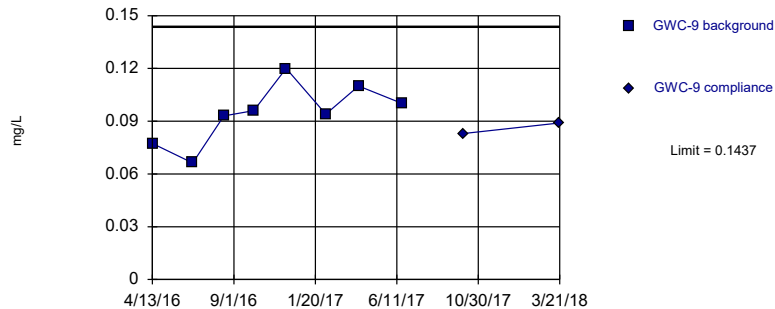
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.1831, Std. Dev.=0.06088, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8651, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

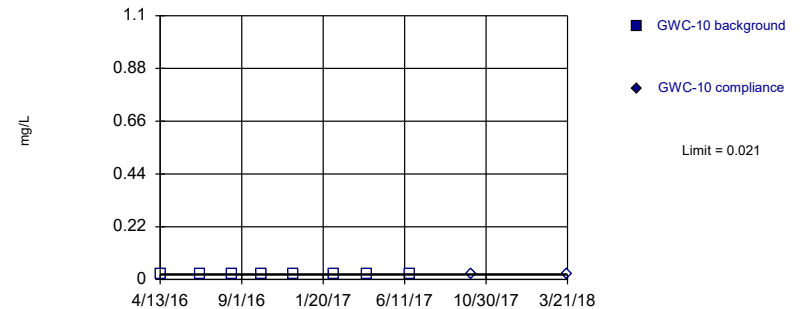
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.09459, Std. Dev.=0.01696, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9681, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

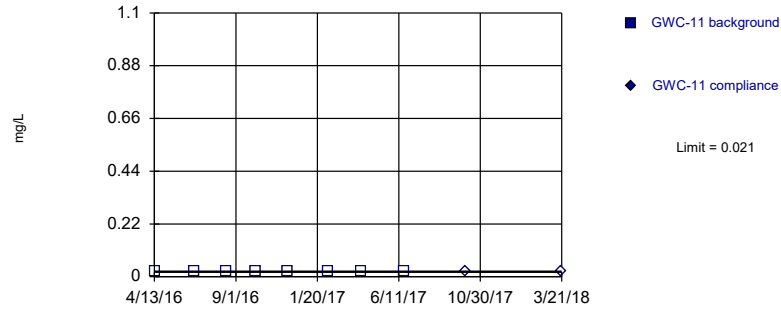
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

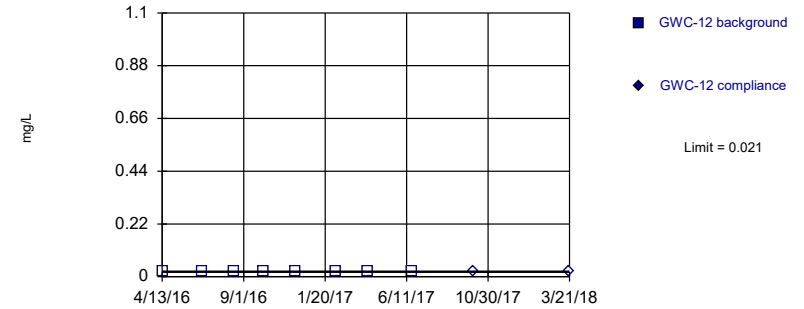
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

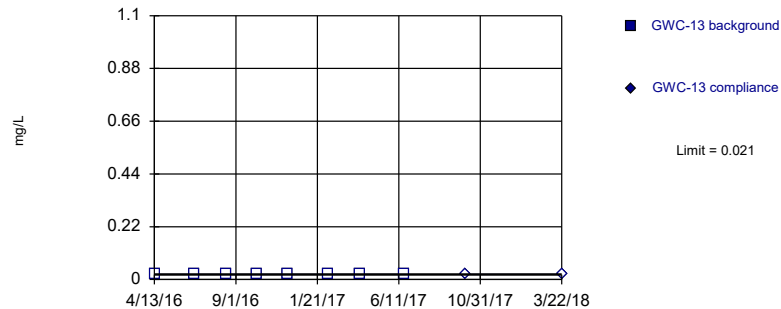
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

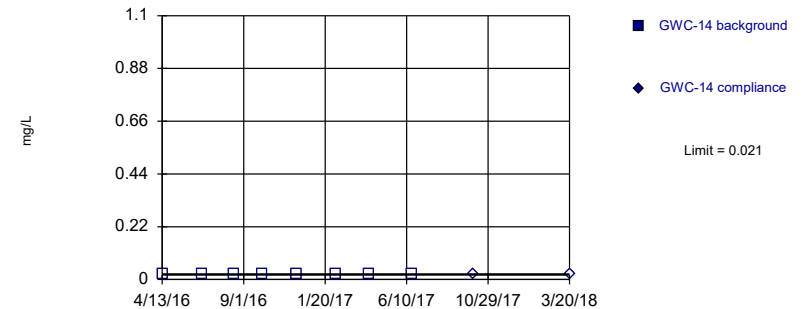
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

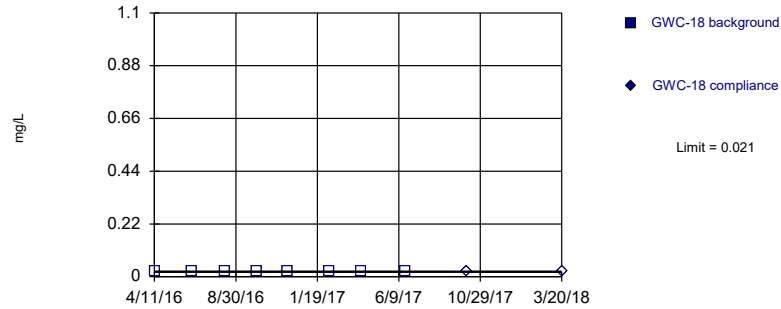


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:22 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

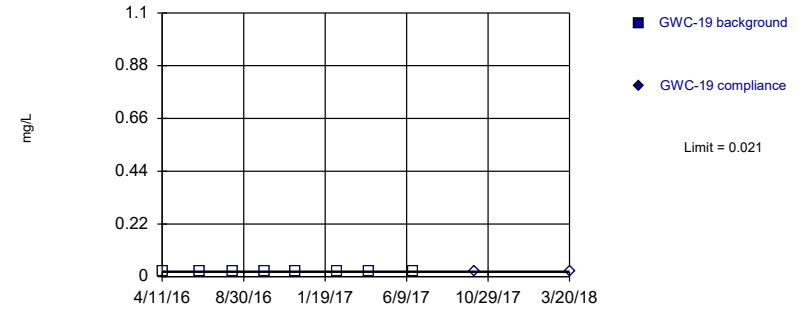


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

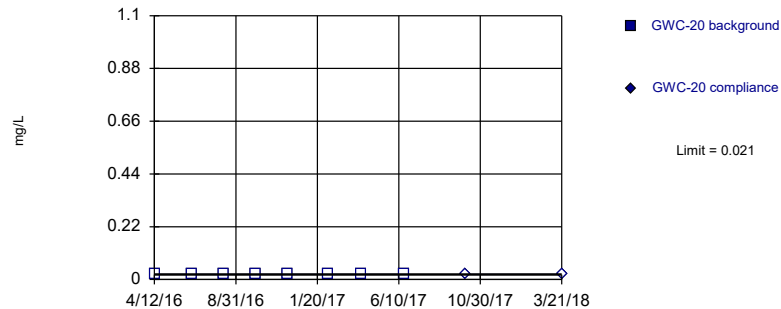


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

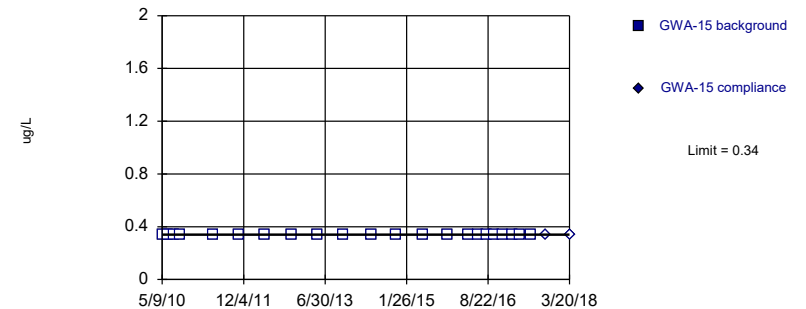


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric



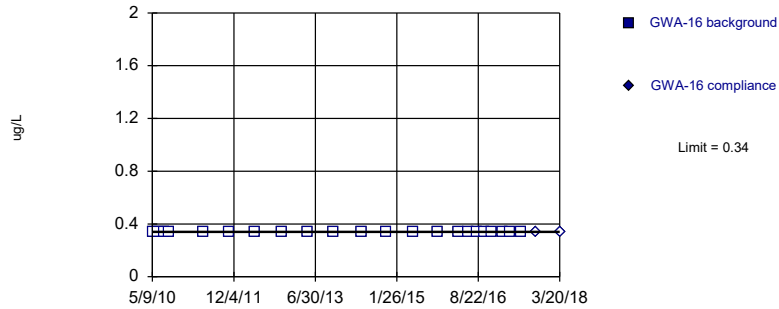
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



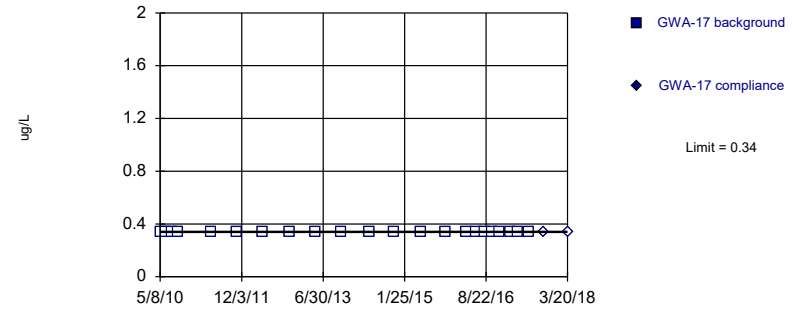
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



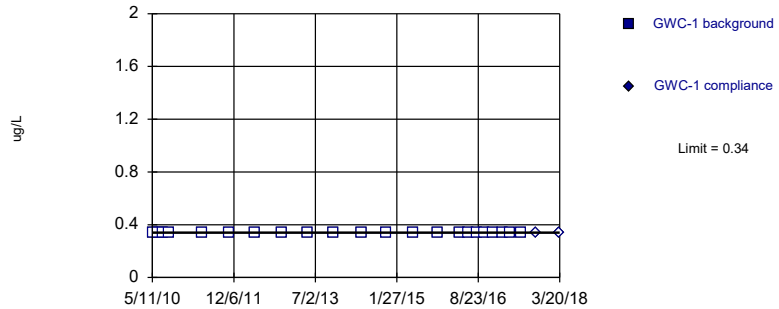
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



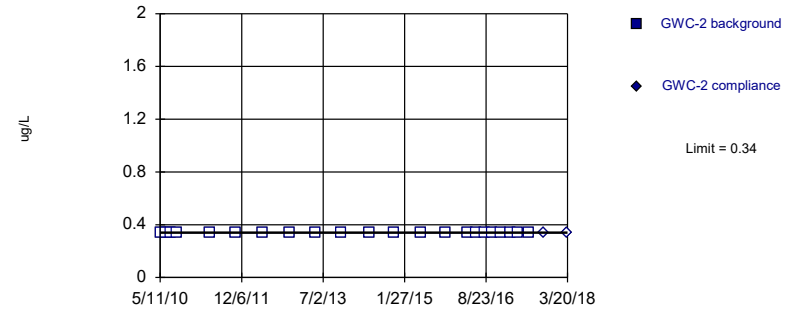
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

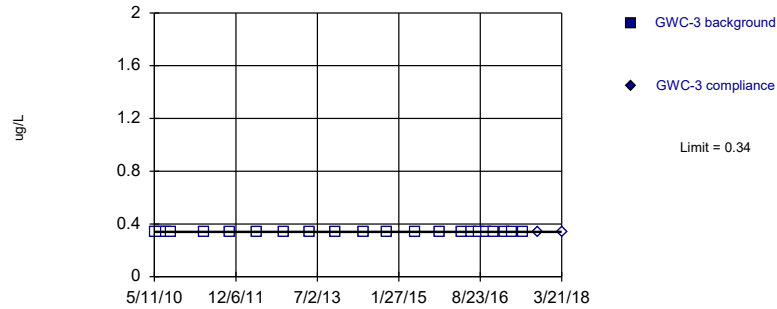


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

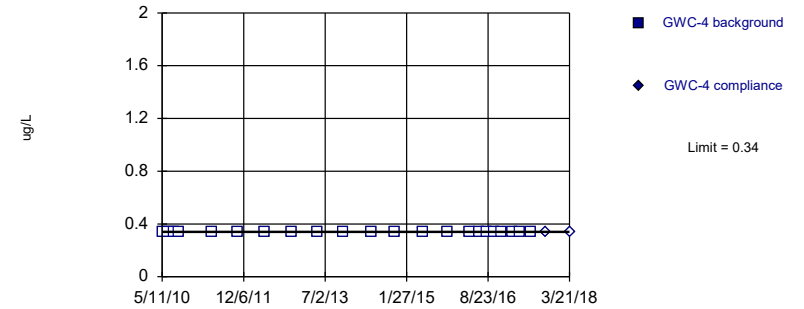


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

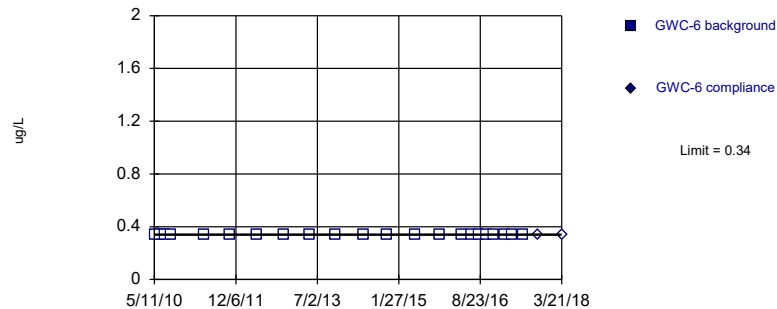


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

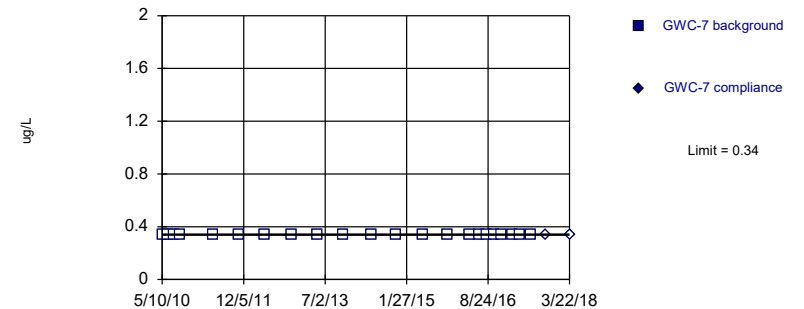


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

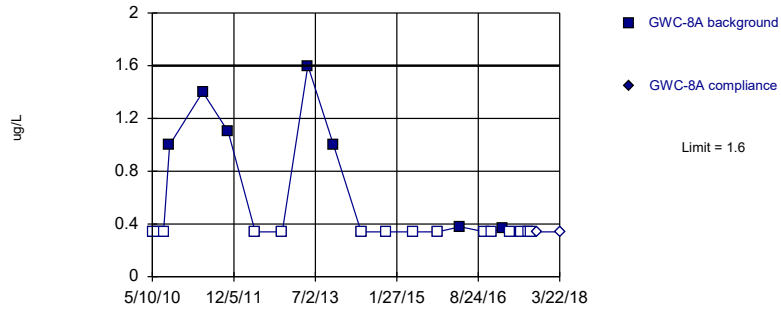


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

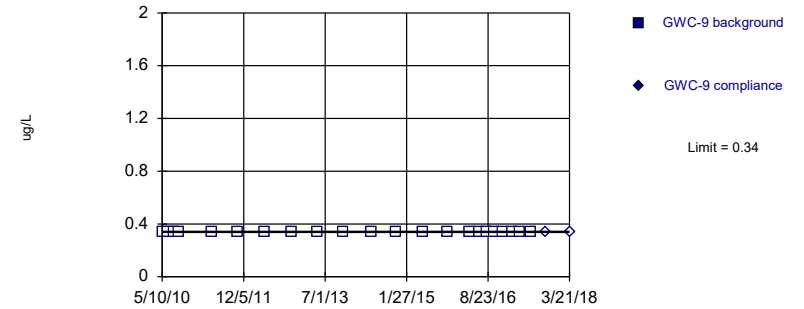


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 68.18% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

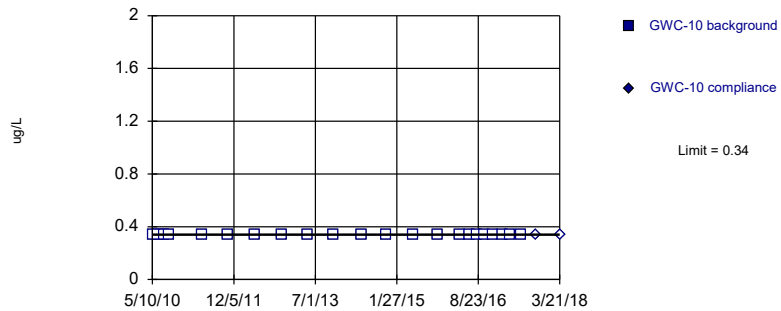


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

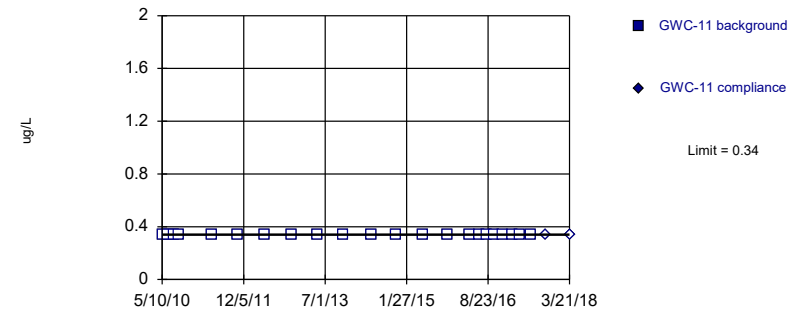


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric



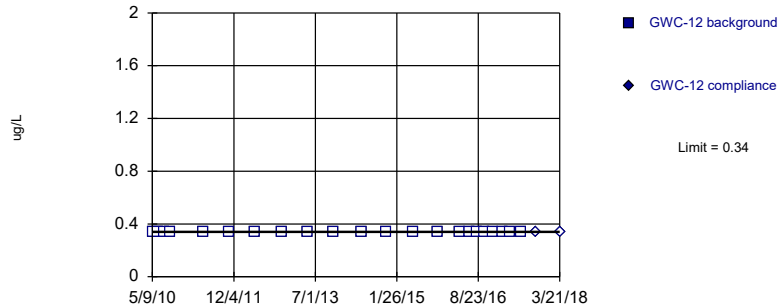
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



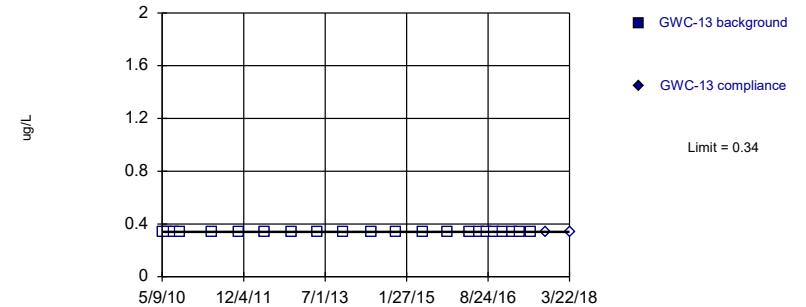
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



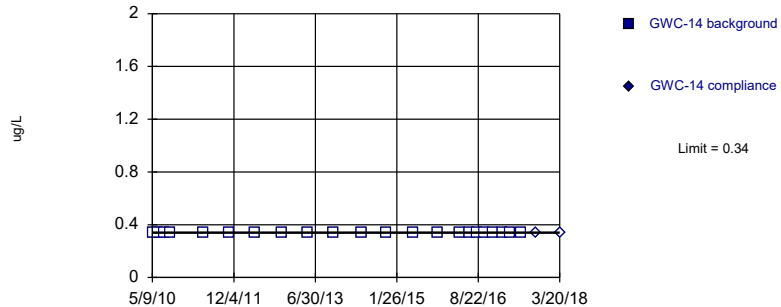
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Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



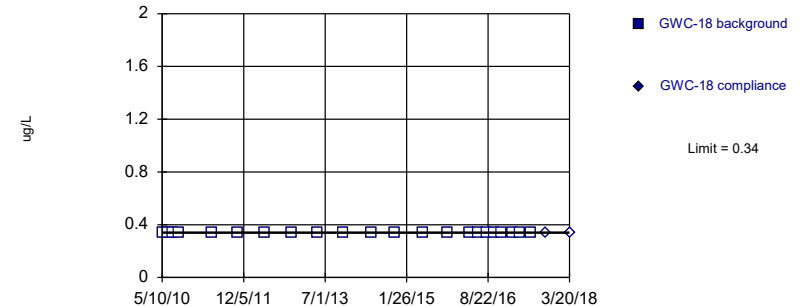
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

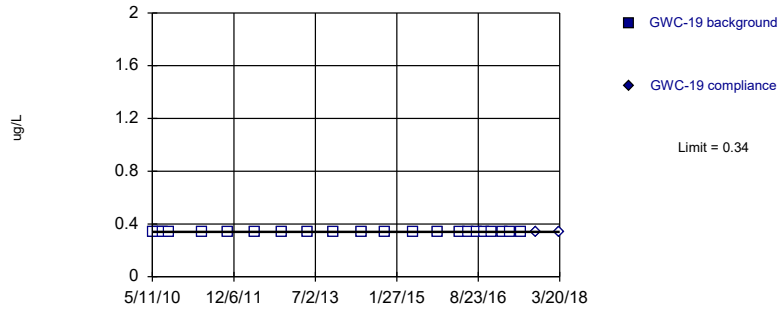
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

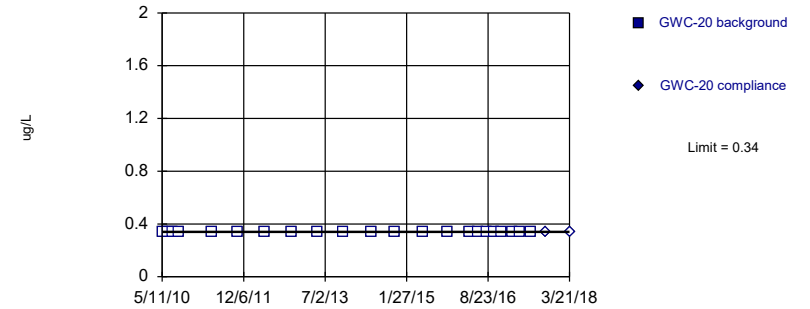
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

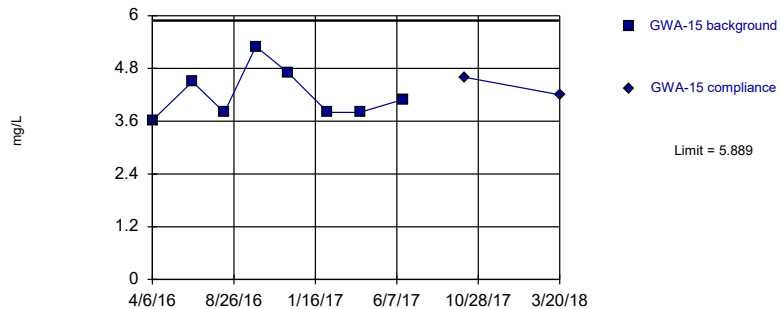
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

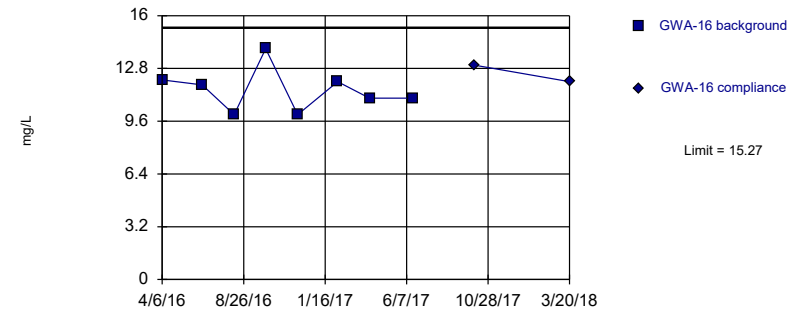
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=4.203, Std. Dev.=0.5826, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.873, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

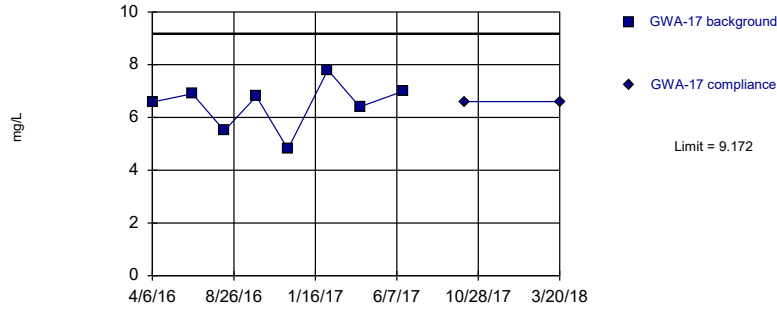
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=11.49, Std. Dev.=1.307, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9138, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

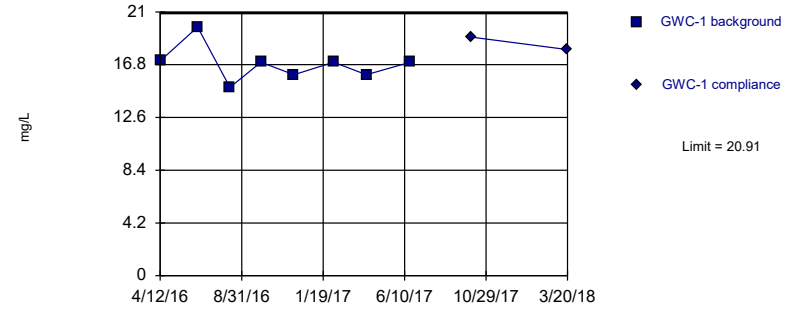
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.473, Std. Dev.=0.9328, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9377, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

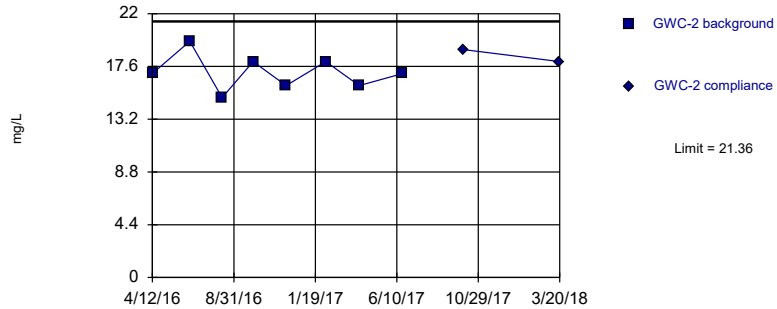
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=16.86, Std. Dev.=1.399, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8575, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

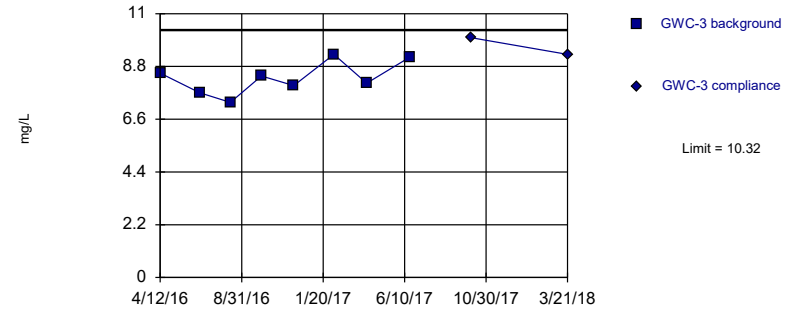
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=17.09, Std. Dev.=1.475, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9611, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Parametric

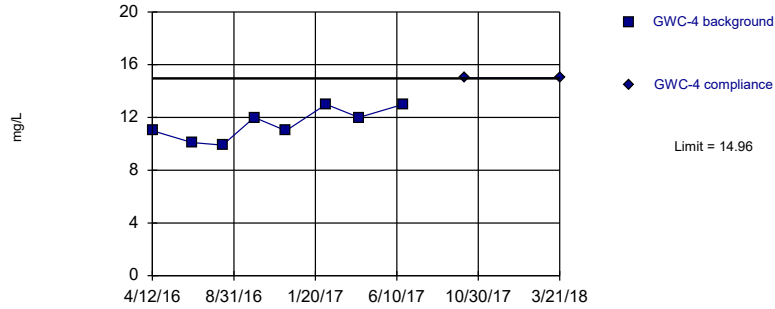


Background Data Summary: Mean=8.315, Std. Dev.=0.6925, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9572, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

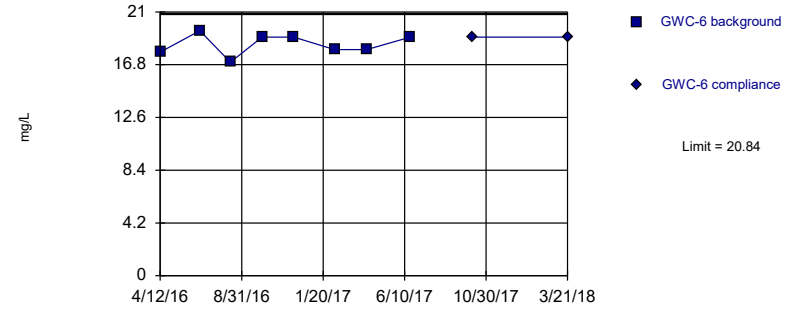


Background Data Summary: Mean=11.5, Std. Dev.=1.196, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9127, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

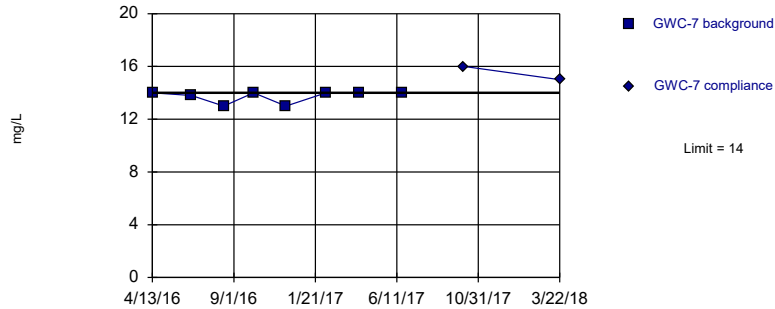


Background Data Summary: Mean=18.41, Std. Dev.=0.8391, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9145, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

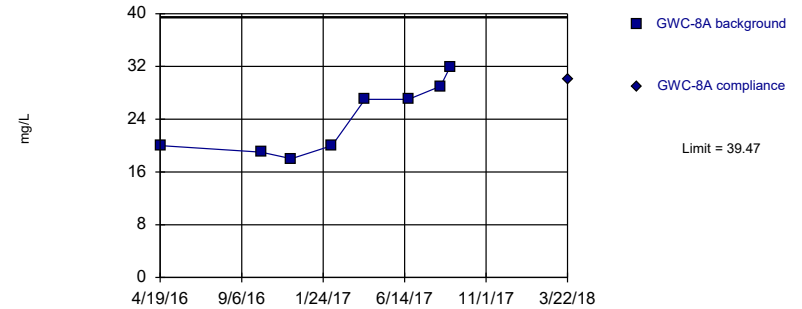


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

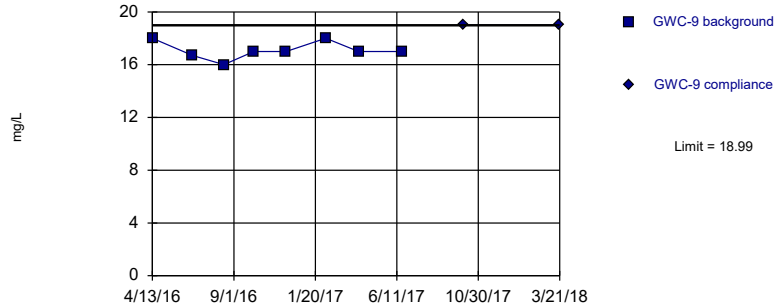


Background Data Summary: Mean=24, Std. Dev.=5.345, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8778, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

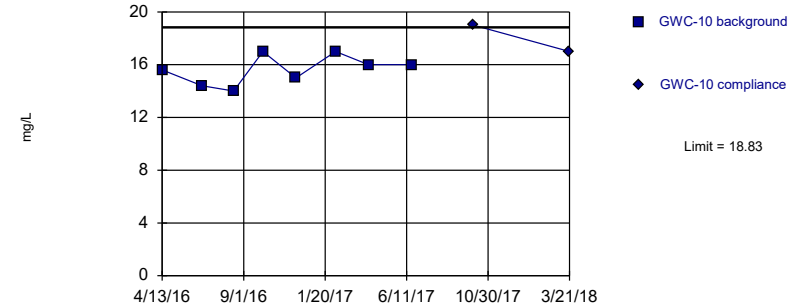


Background Data Summary: Mean=17.09, Std. Dev.=0.6578, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8683, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

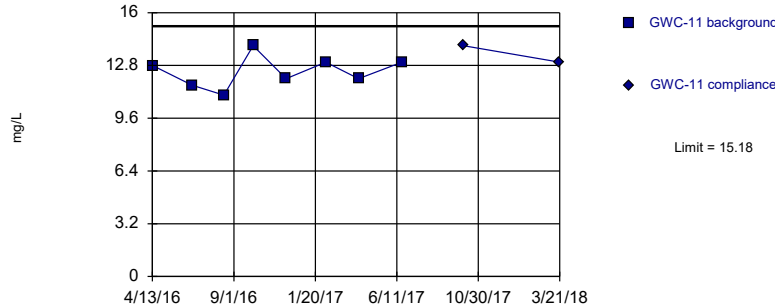


Background Data Summary: Mean=15.63, Std. Dev.=1.108, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9351, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

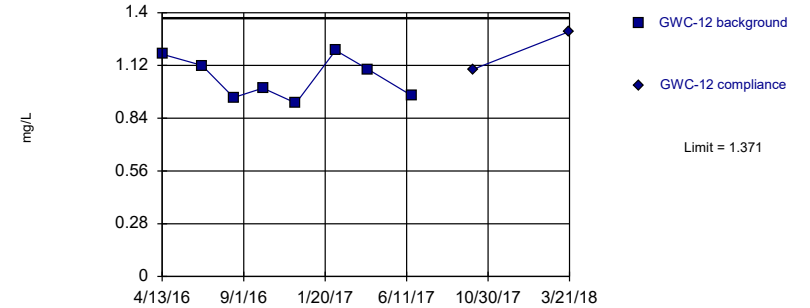


Background Data Summary: Mean=12.43, Std. Dev.=0.9528, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.966, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

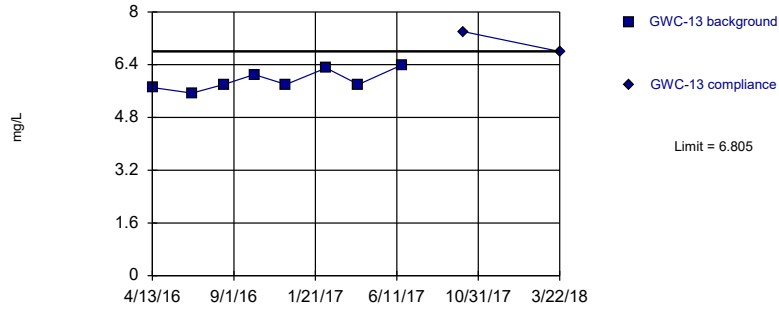
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.054, Std. Dev.=0.1097, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.903, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

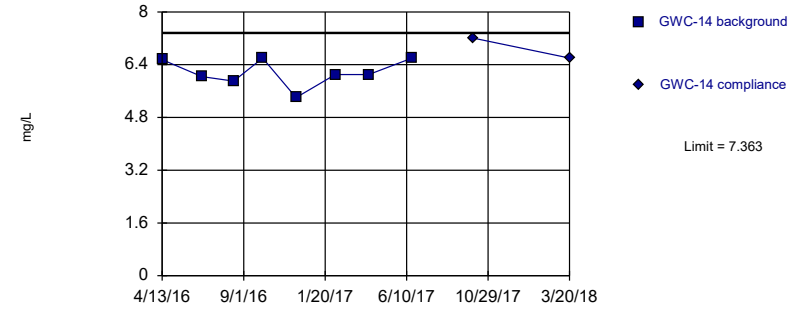
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=5.931, Std. Dev.=0.3019, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9042, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

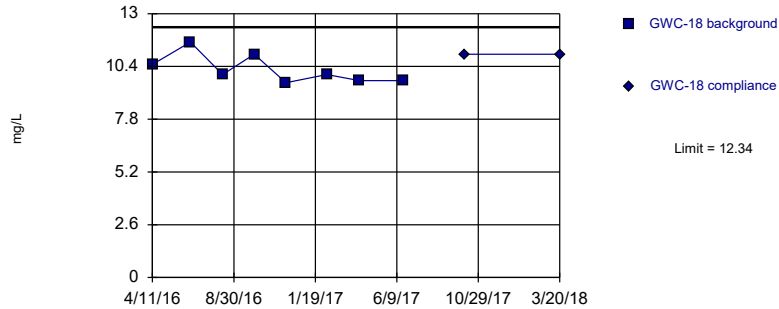
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.161, Std. Dev.=0.4151, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.891, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

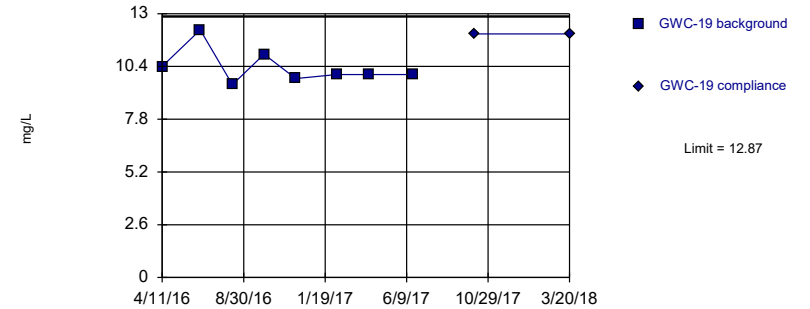
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=10.26, Std. Dev.=0.717, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8619, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

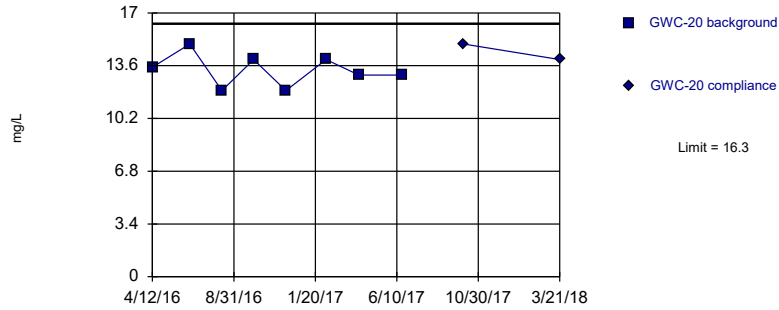
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=10.36, Std. Dev.=0.8651, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8286, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

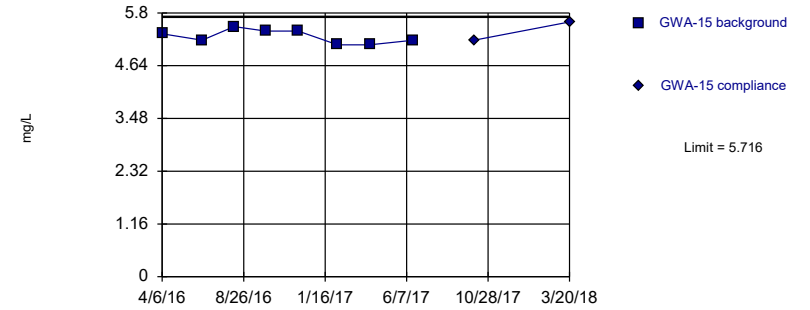
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=13.31, Std. Dev.=1.033, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9408, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

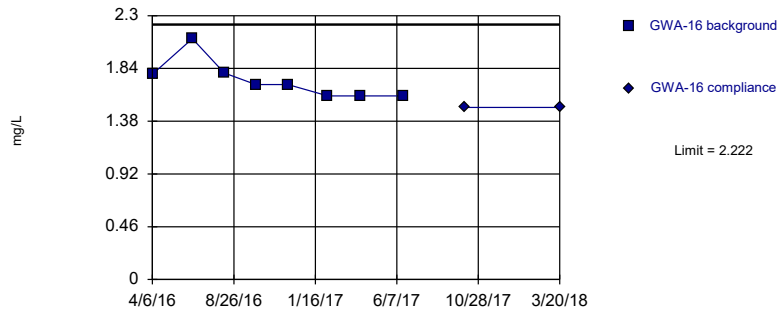
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=5.28, Std. Dev.=0.1505, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9094, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

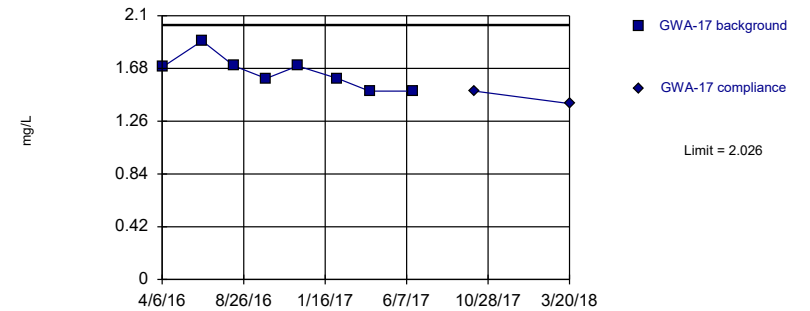
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.736, Std. Dev.=0.168, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8054, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

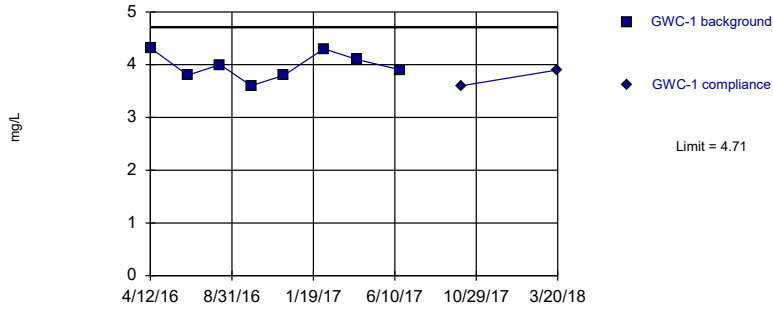
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.649, Std. Dev.=0.1304, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9025, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

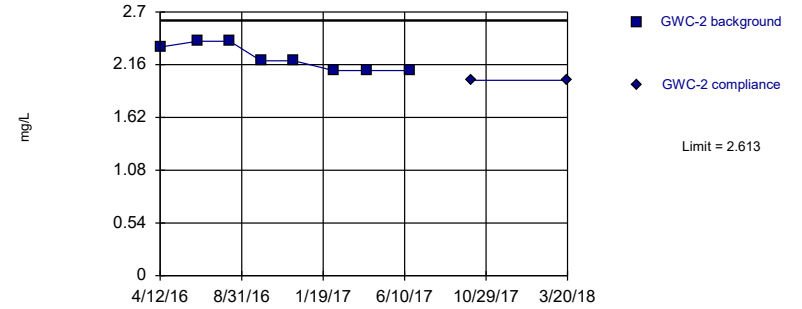
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.978, Std. Dev.=0.2531, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9477, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

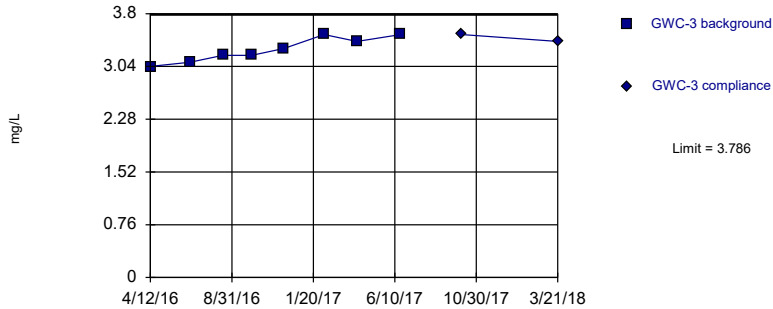
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.23, Std. Dev.=0.1322, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8278, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

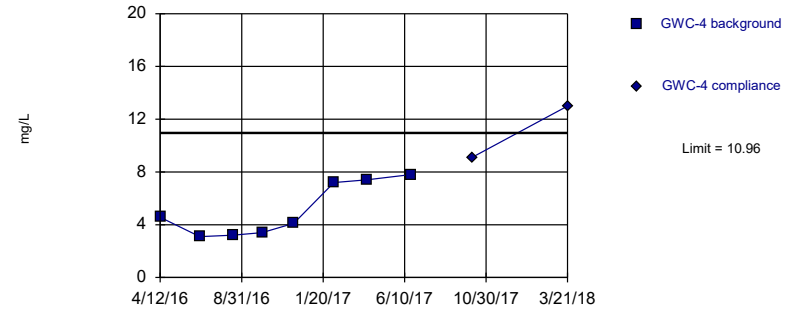
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.28, Std. Dev.=0.175, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9254, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

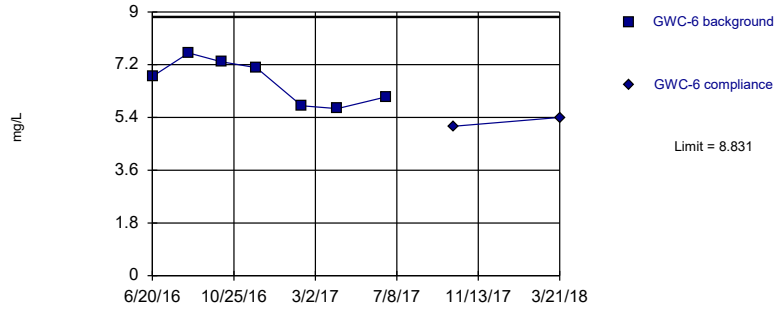
Exceeds Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=5.096, Std. Dev.=2.027, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8216, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

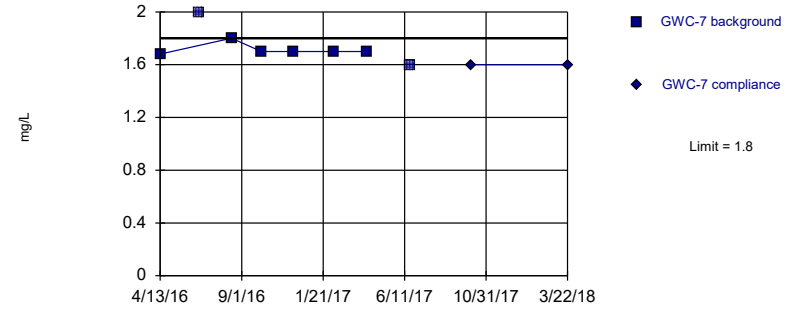
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.629, Std. Dev.=0.761, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.911, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

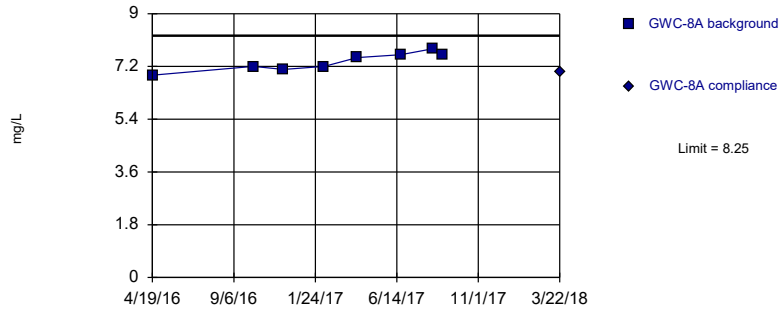
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 6 background values. Well-constituent pair annual alpha = 0.06667. Individual comparison alpha = 0.03391 (1 of 2).

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

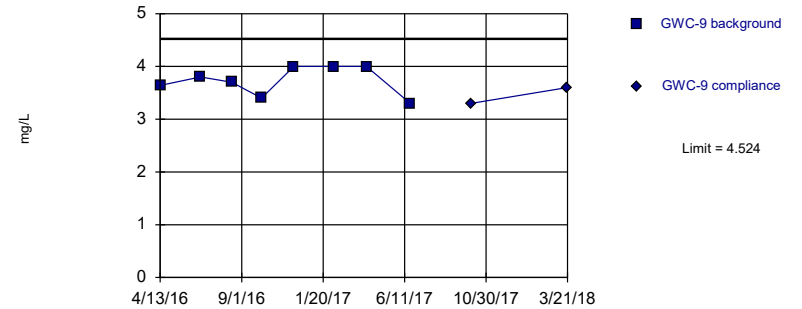
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=7.363, Std. Dev.=0.3068, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.946, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

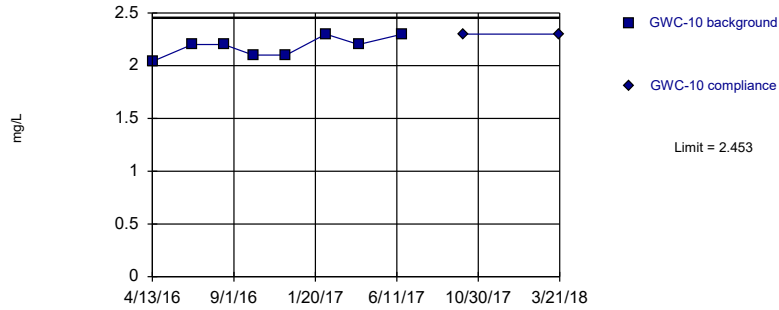
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.73, Std. Dev.=0.2742, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8832, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

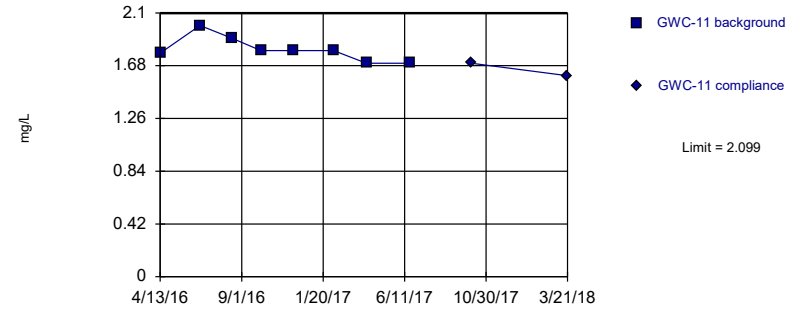
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.18, Std. Dev.=0.09442, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9082, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

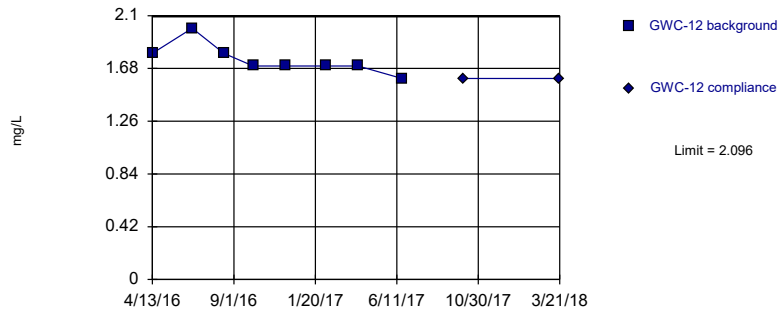
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.81, Std. Dev.=0.09971, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.886, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

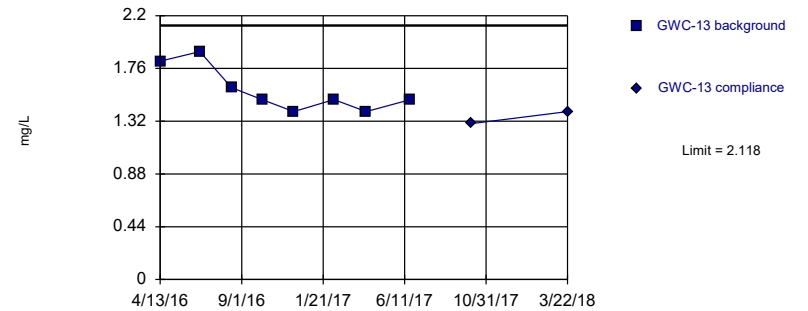
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.75, Std. Dev.=0.1195, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8477, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

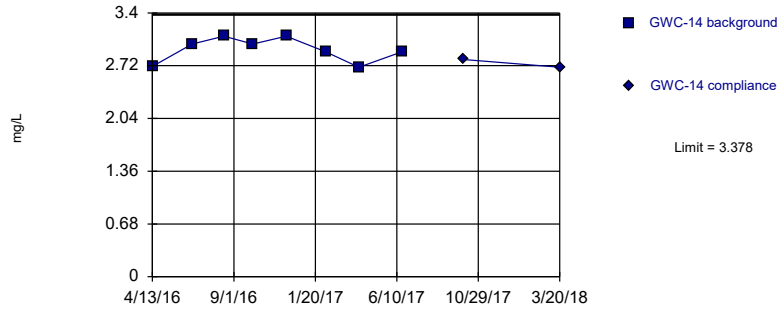
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.578, Std. Dev.=0.1868, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8395, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

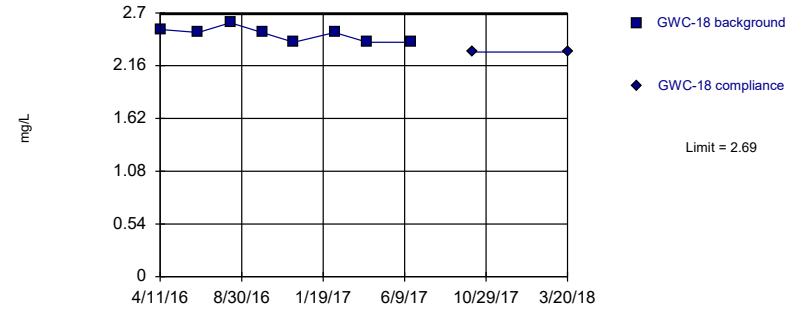
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.926, Std. Dev.=0.1561, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8849, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

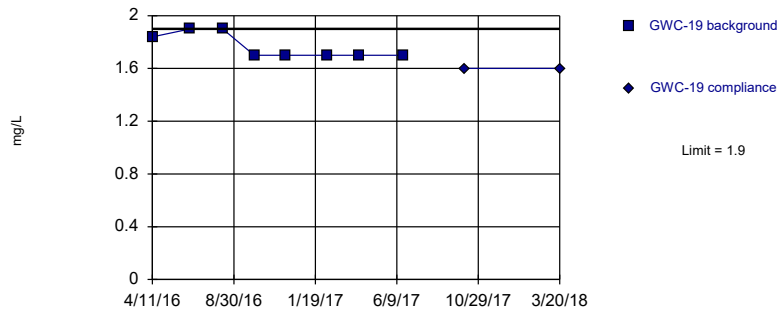
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.479, Std. Dev.=0.07298, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8651, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

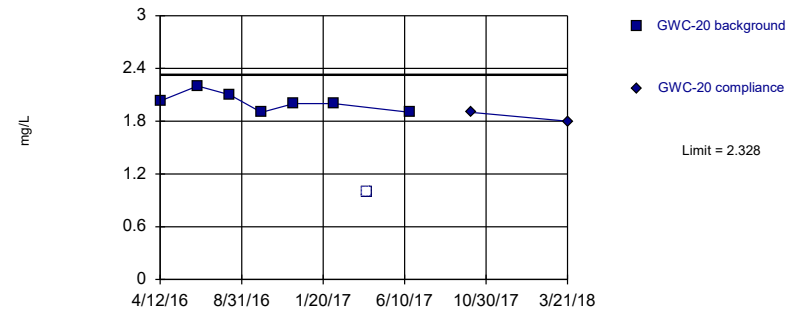
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Parametric



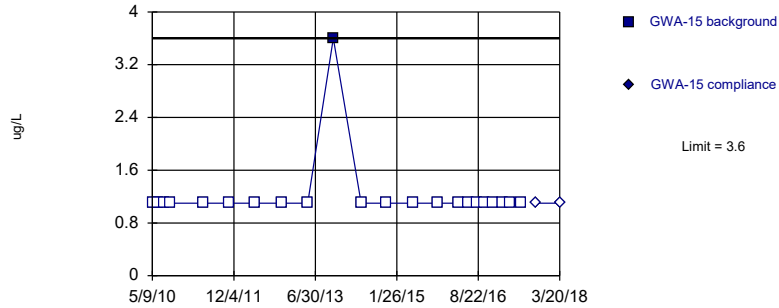
Background Data Summary: Mean=2.019, Std. Dev.=0.1068, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9259, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



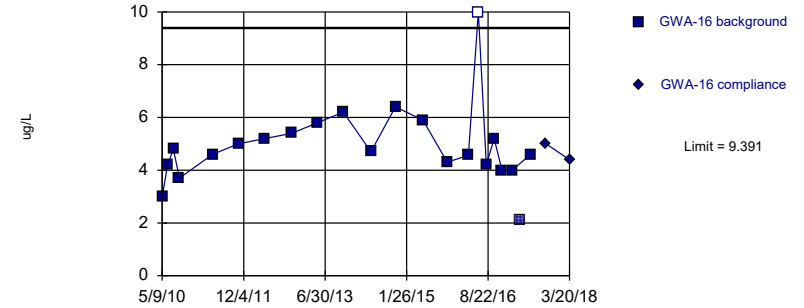
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



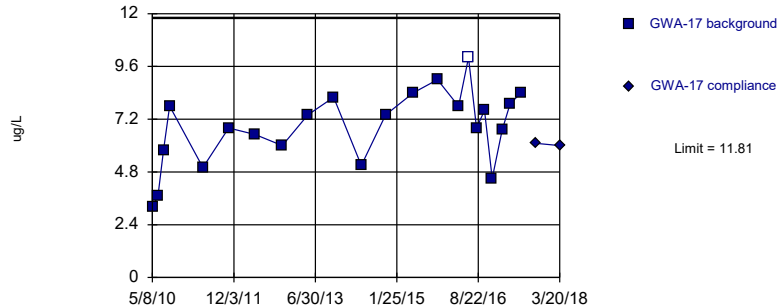
Background Data Summary (based on square root transformation): Mean=2.226, Std. Dev.=0.2896, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8803, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



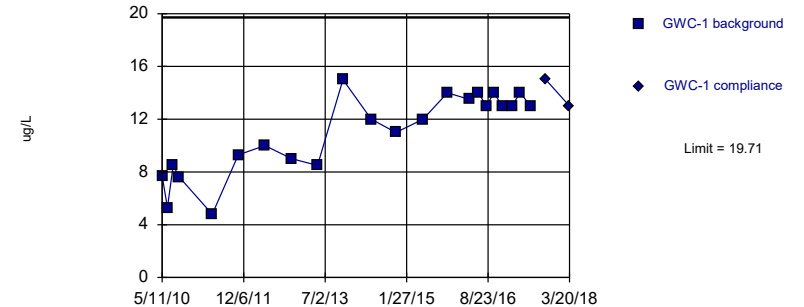
Background Data Summary: Mean=6.818, Std. Dev.=1.724, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9686, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG

Within Limit

Prediction Limit
Intrawell Parametric



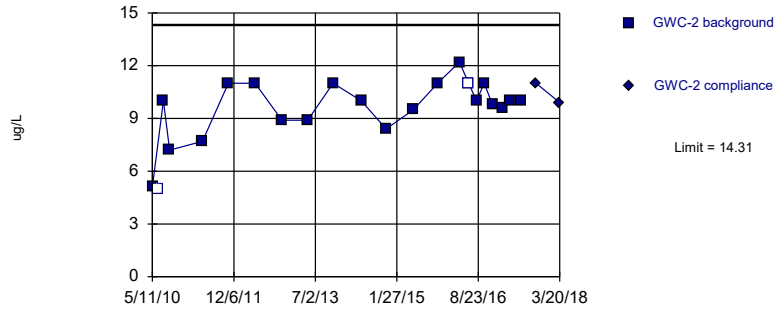
Background Data Summary: Mean=11.01, Std. Dev.=3.008, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9102, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



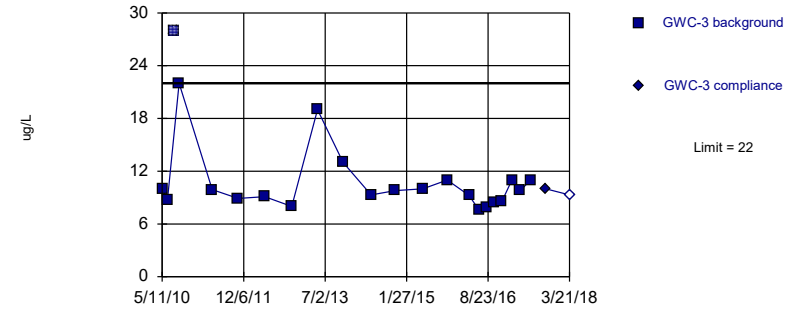
Background Data Summary: Mean=9.681, Std. Dev.=1.601, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8948, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



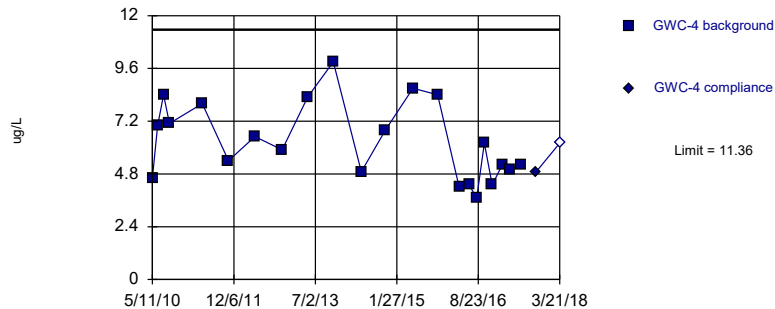
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



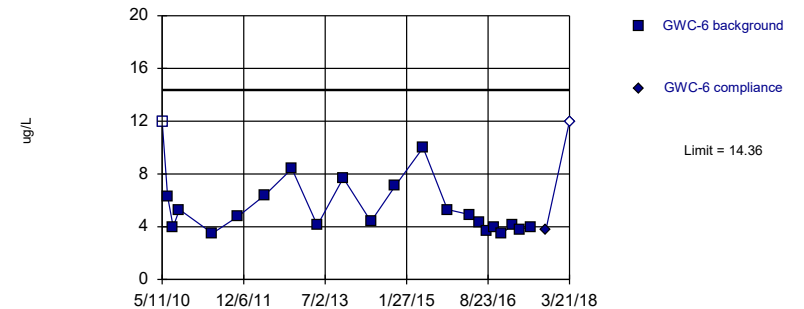
Background Data Summary: Mean=6.272, Std. Dev.=1.759, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9457, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric

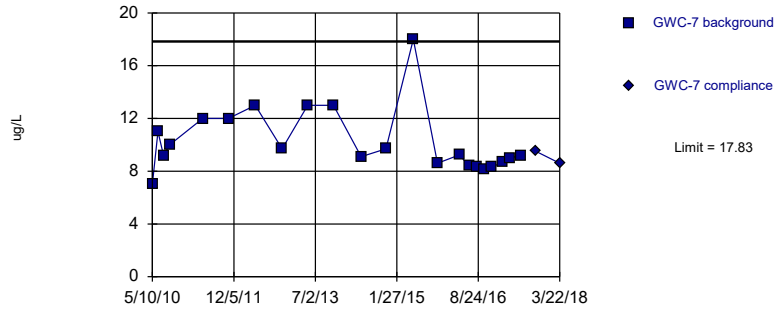


Background Data Summary (based on natural log transformation): Mean=1.645, Std. Dev.=0.3525, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8902, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

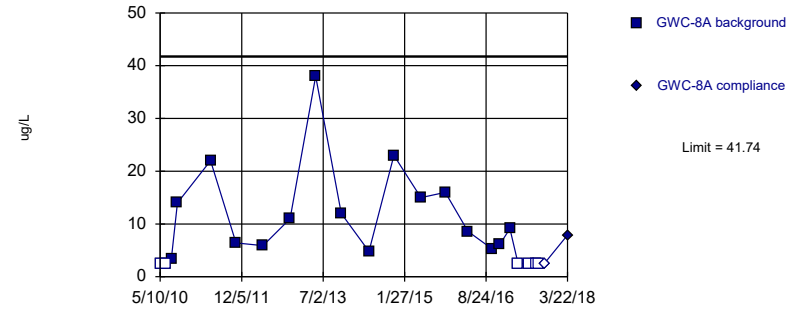


Background Data Summary (based on square root transformation): Mean=3.175, Std. Dev.=0.362, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8791, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

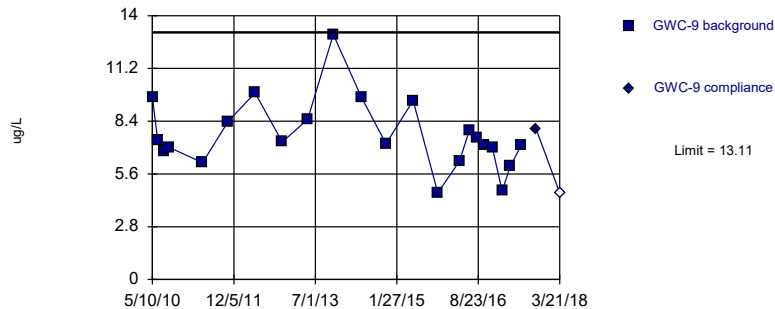


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=2.875, Std. Dev.=1.239, n=22, 27.27% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8951, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

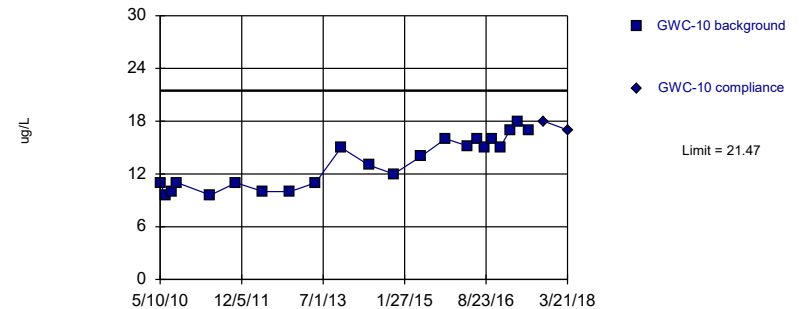


Background Data Summary: Mean=7.671, Std. Dev.=1.879, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9257, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

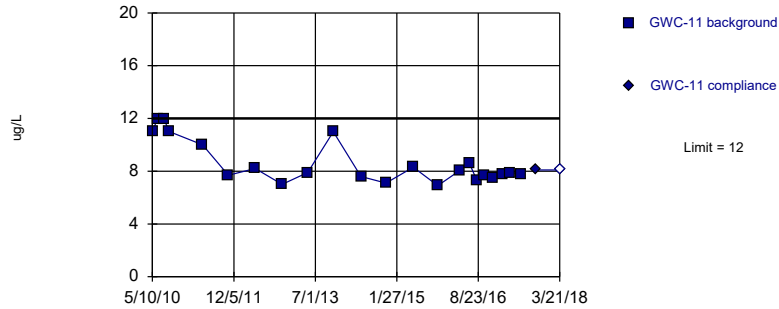


Background Data Summary: Mean=13.29, Std. Dev.=2.827, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9012, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

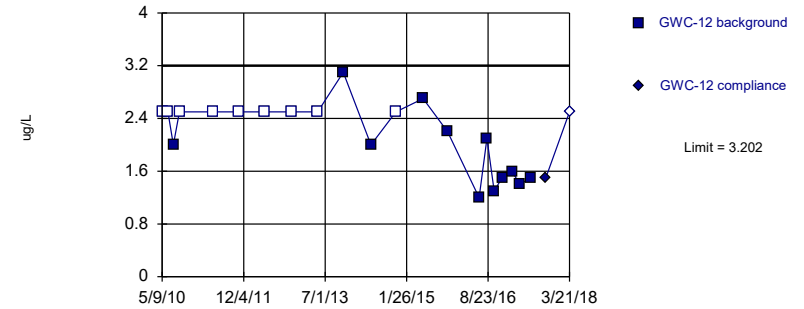


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

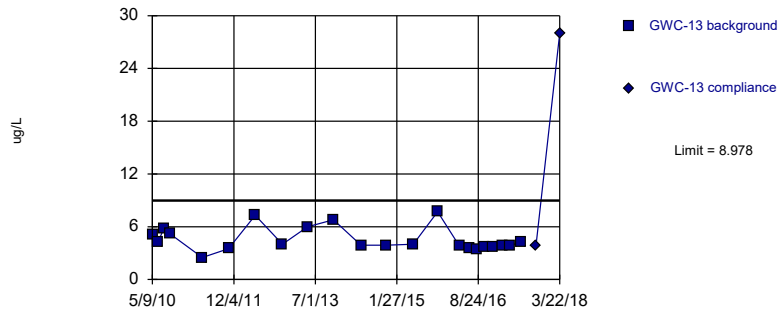


Background Data Summary (after Kaplan-Meier Adjustment): Mean=1.722, Std. Dev.=0.5112, n=21, 42.86% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8869, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

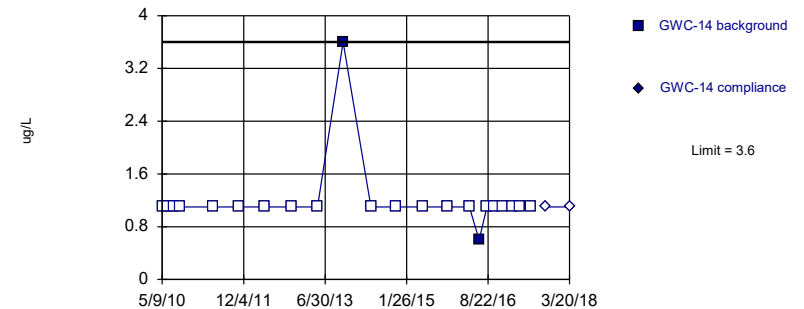


Background Data Summary (based on square root transformation): Mean=2.111, Std. Dev.=0.3059, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8876, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

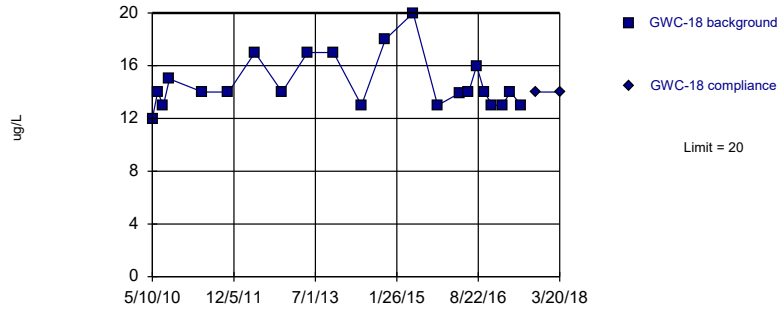


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

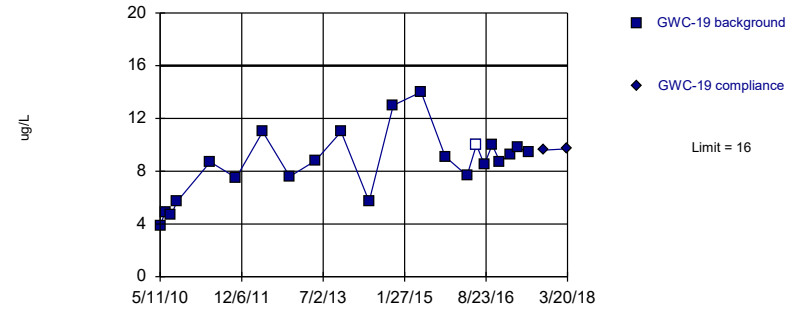


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

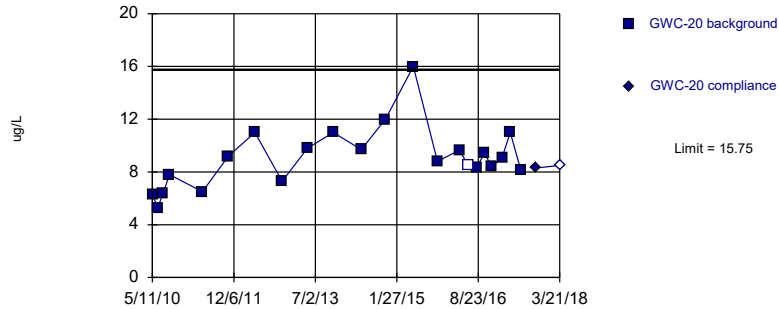


Background Data Summary: Mean=8.59, Std. Dev.=2.561, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9673, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

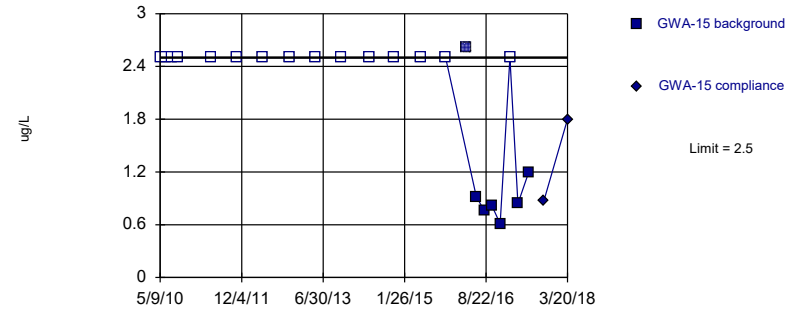


Background Data Summary: Mean=9.07, Std. Dev.=2.309, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9272, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



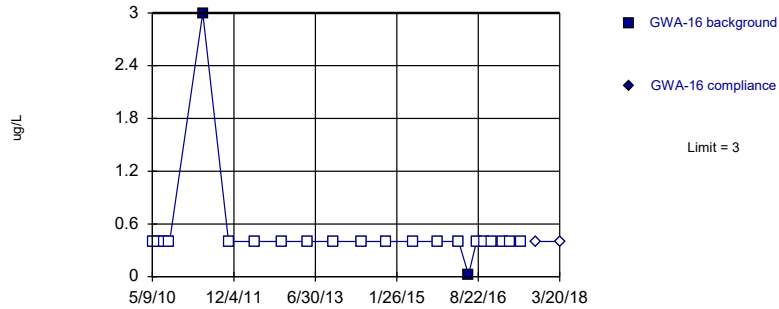
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



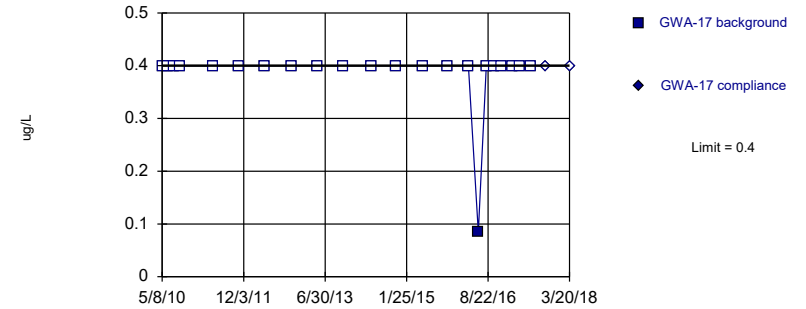
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



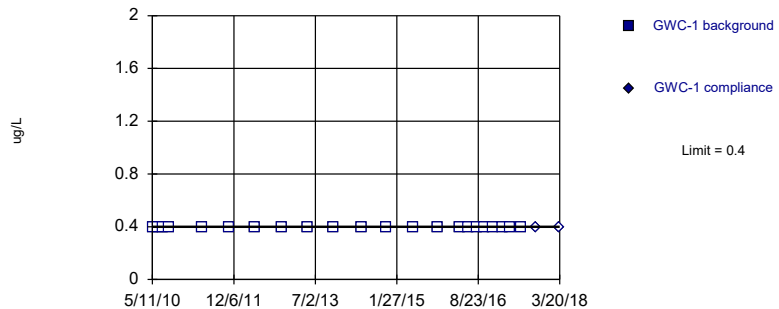
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



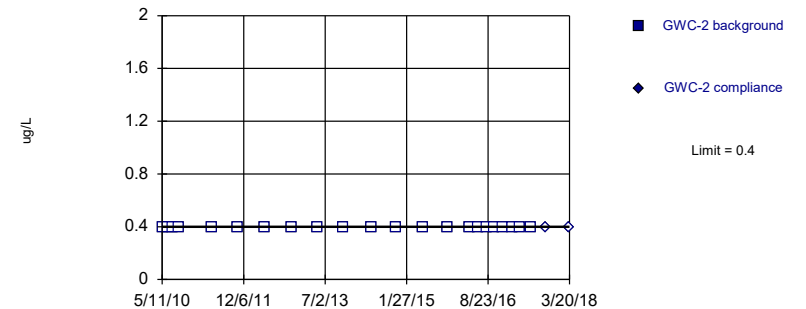
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:23 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

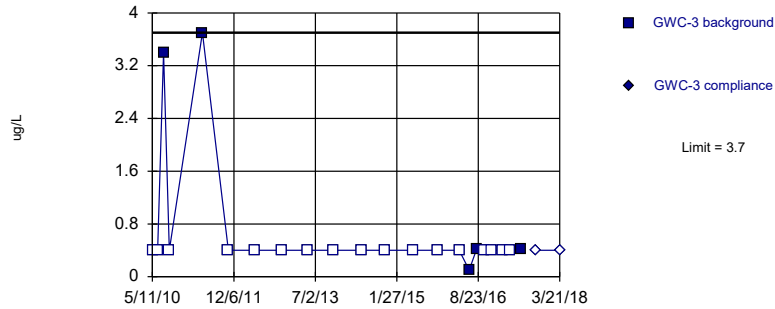


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

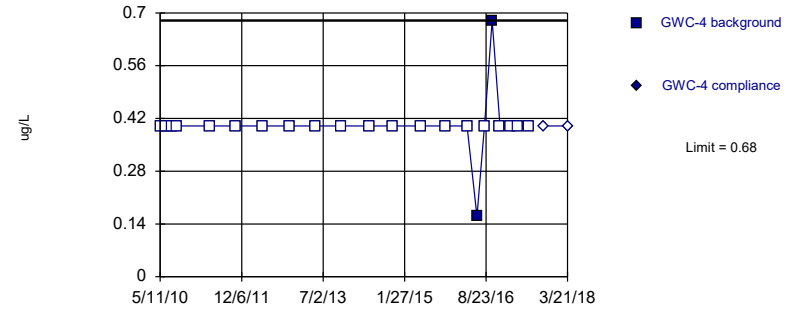


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 77.27% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

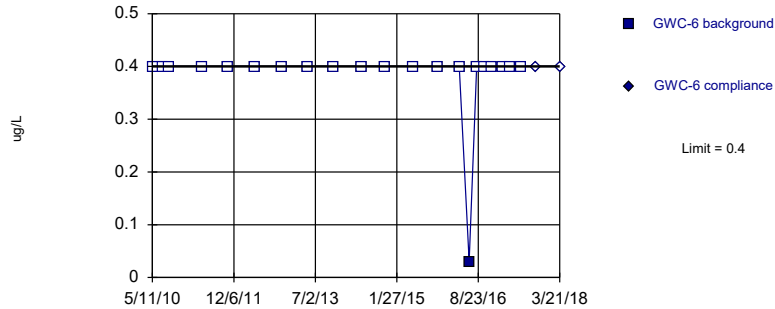


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

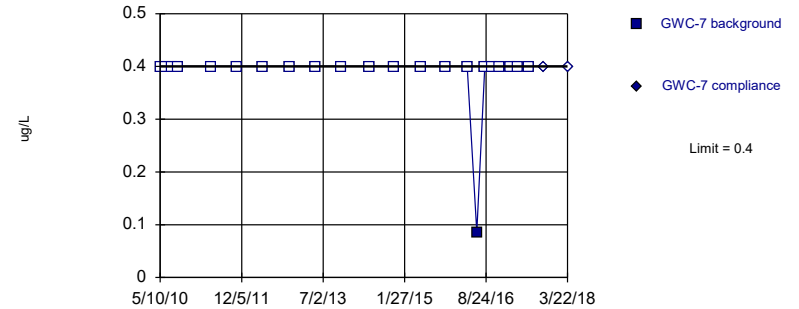


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



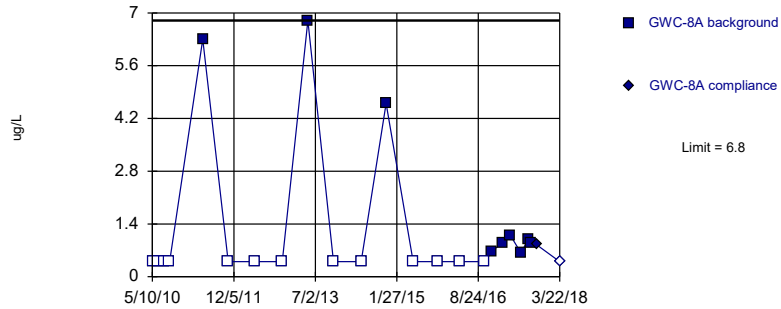
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



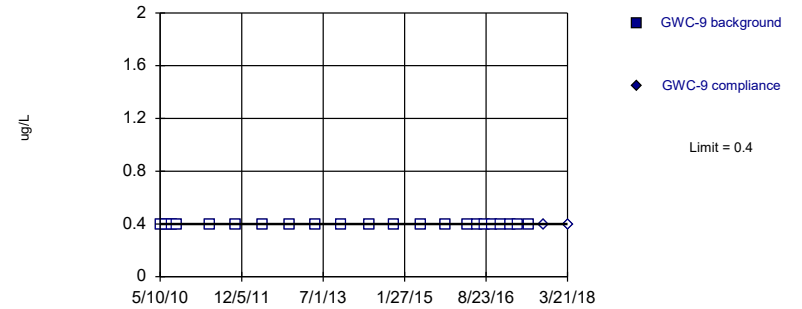
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



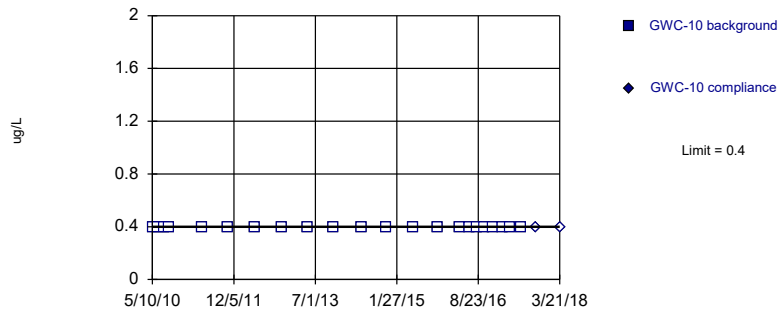
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



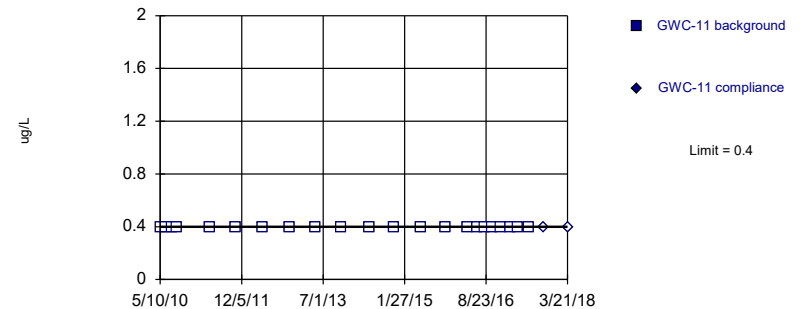
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

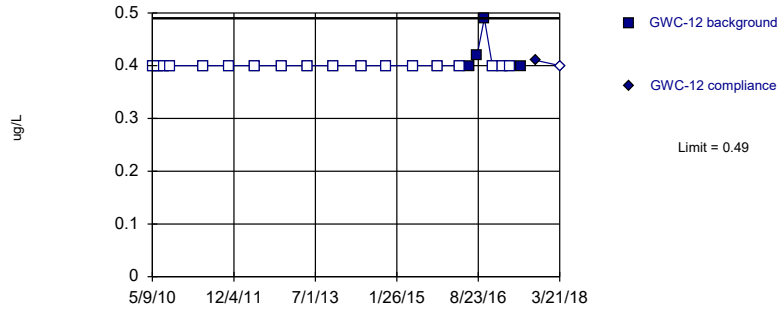


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

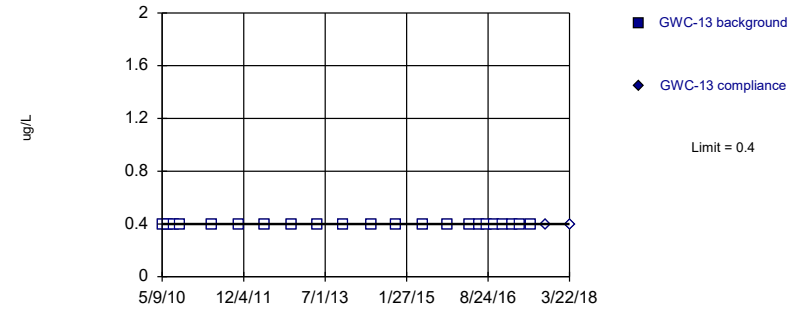


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

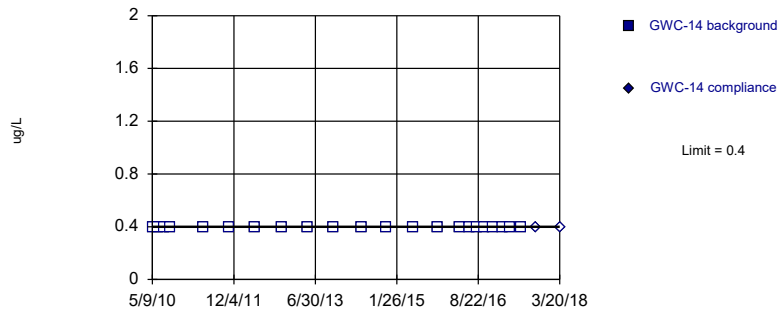


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

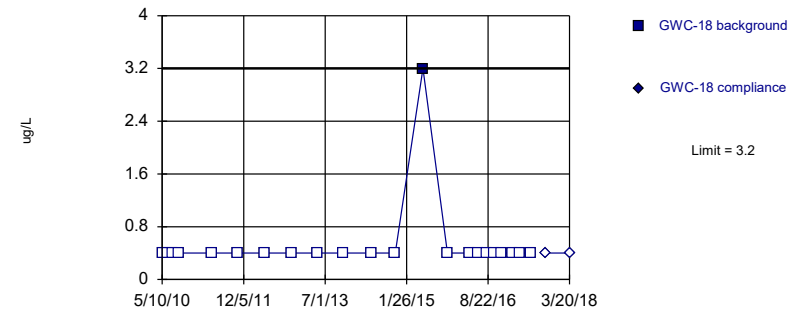


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric



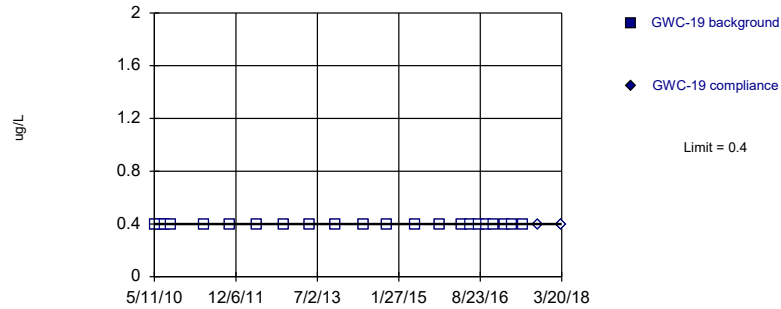
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



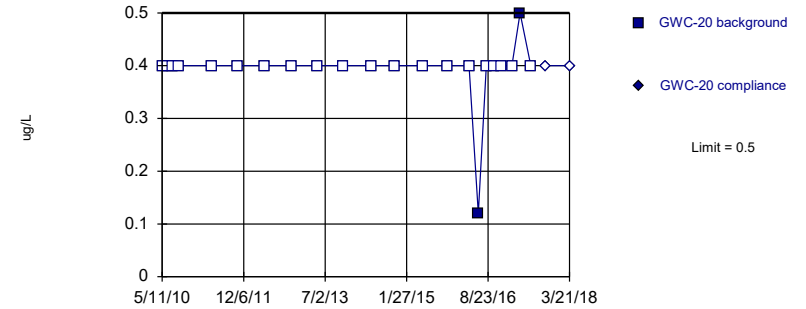
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



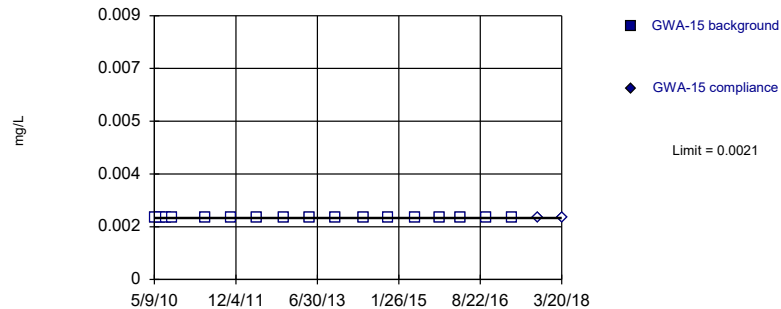
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



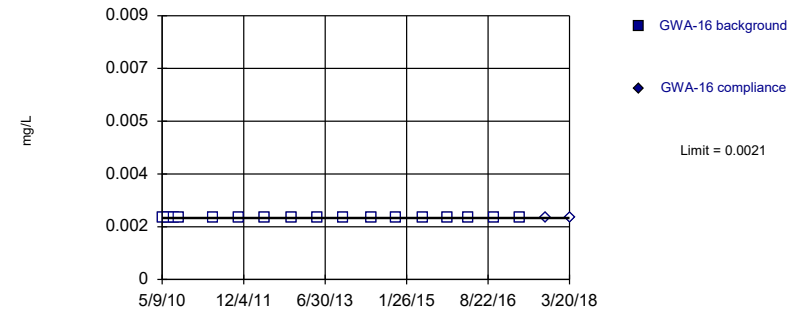
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

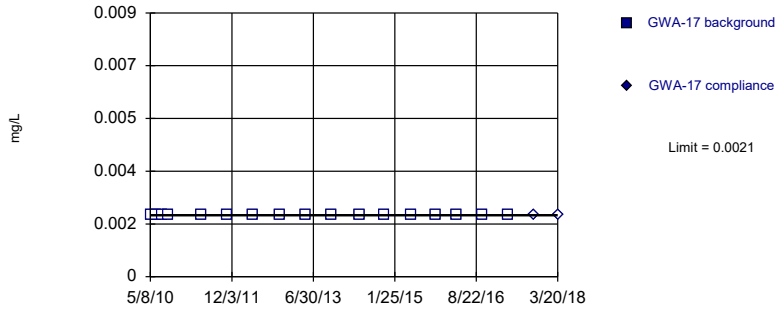


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

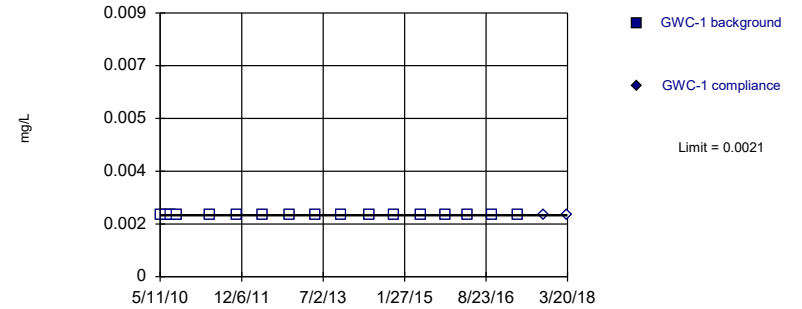


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

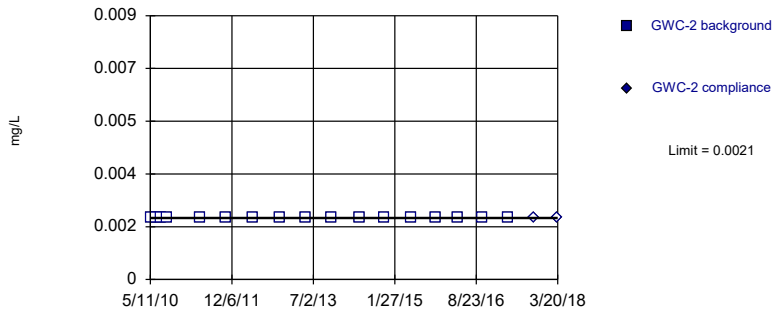


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

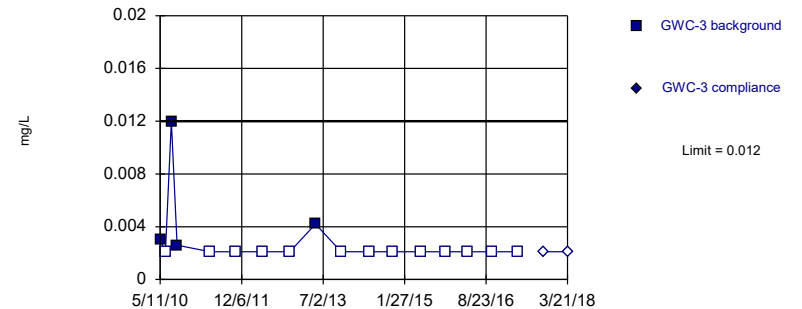


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

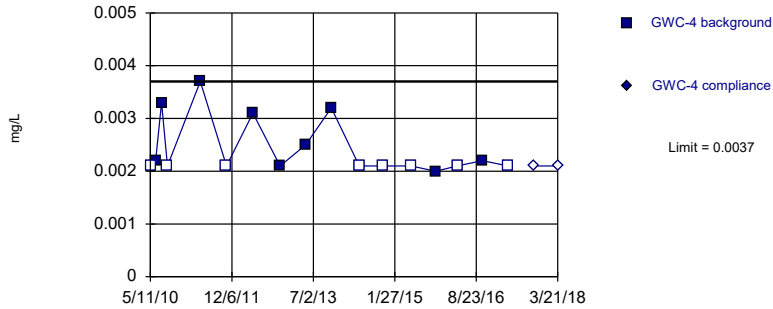
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

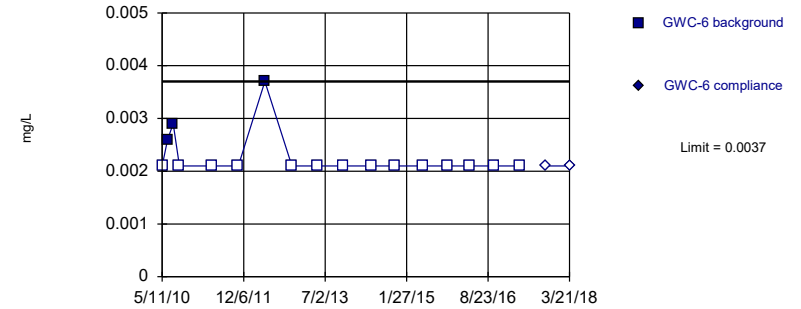
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 47.06% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

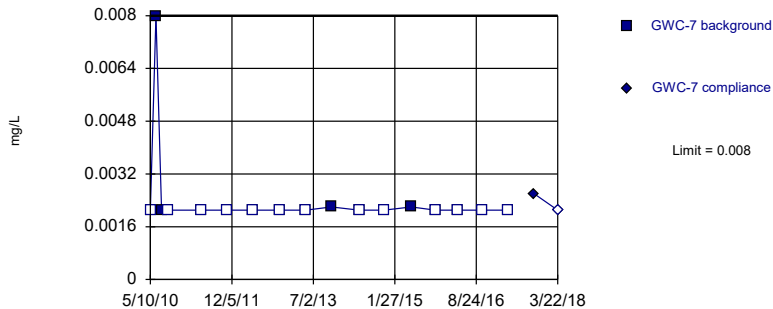
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

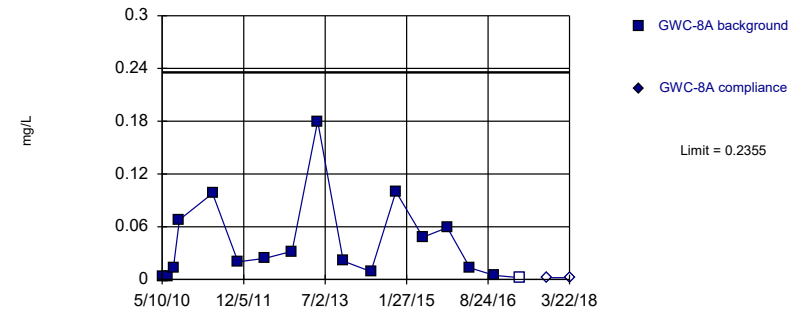
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Parametric

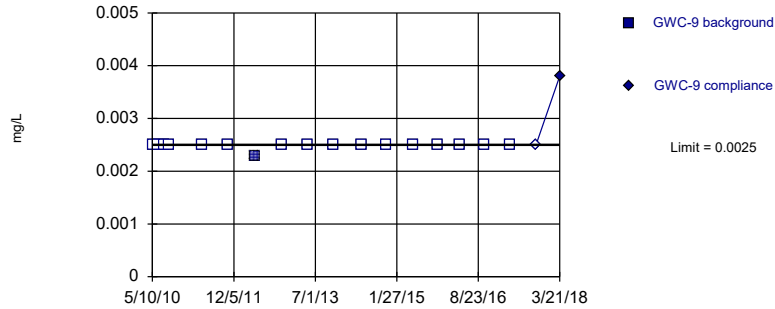


Background Data Summary (based on square root transformation): Mean=0.1739, Std. Dev.=0.1076, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9213, critical = 0.851. Kappa overridden to 2.894.

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

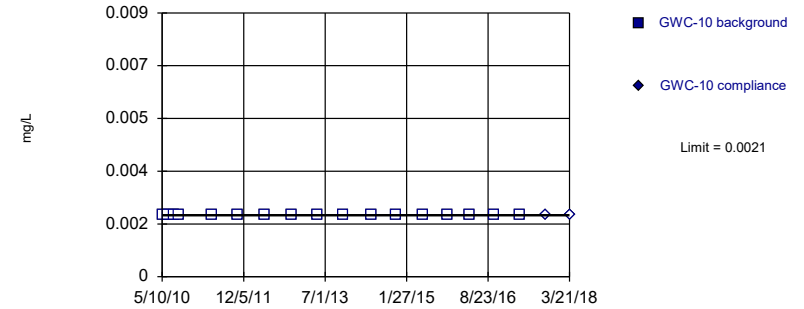


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

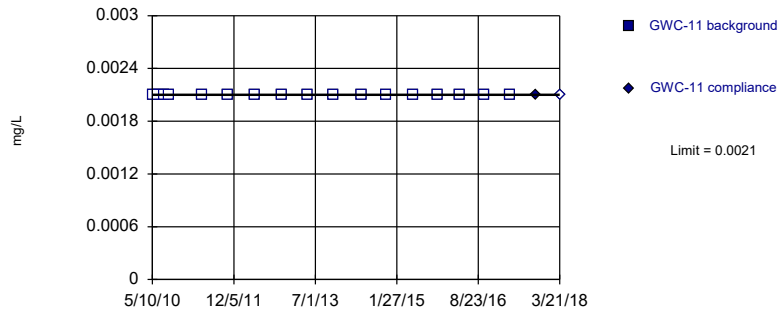


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

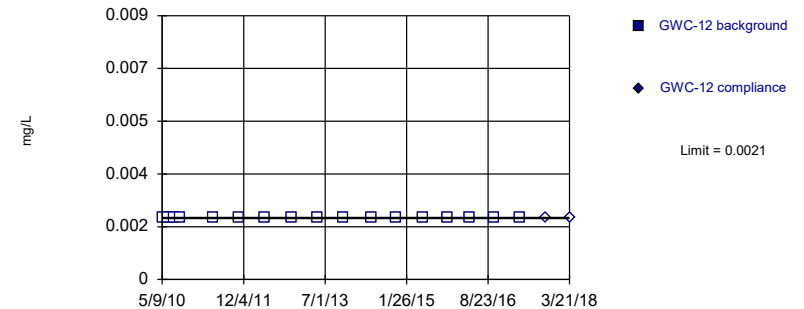


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

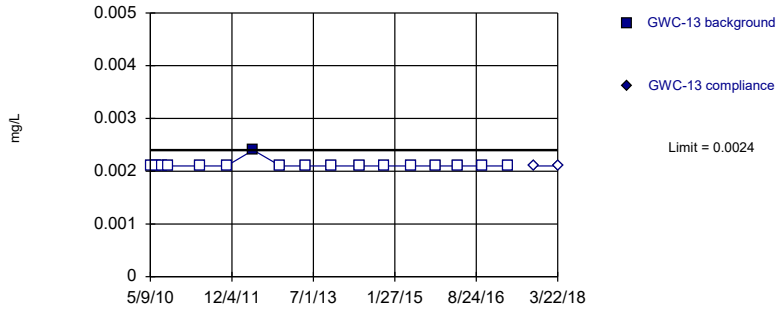
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

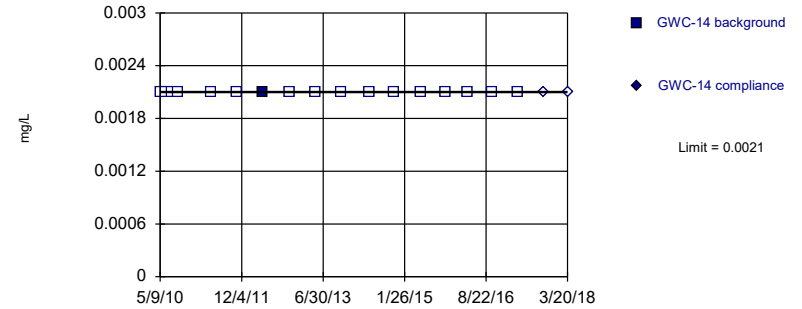
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

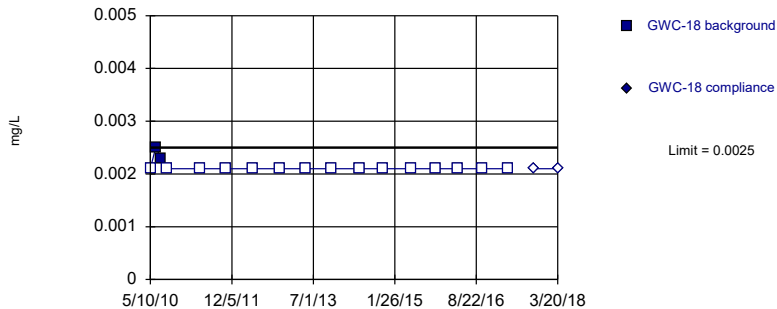
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

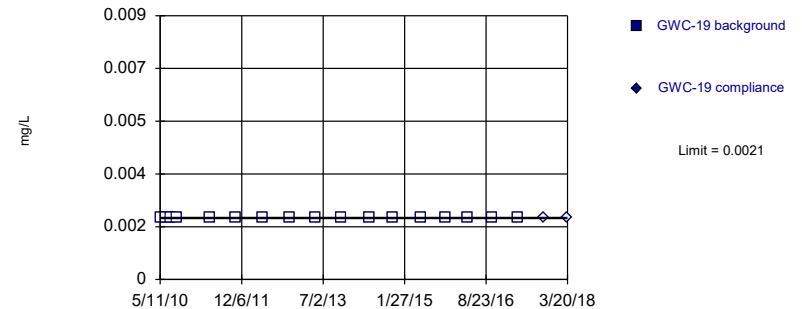
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

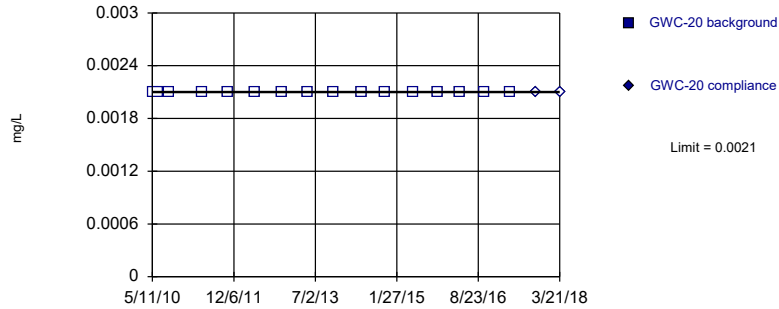


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

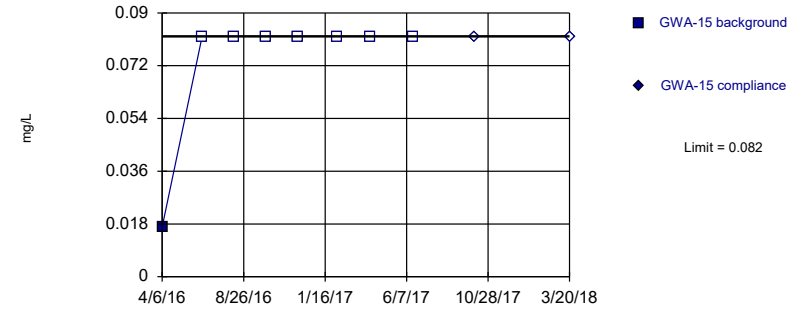


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

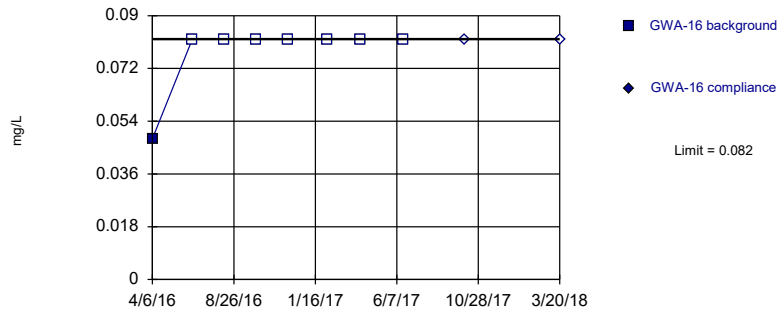


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

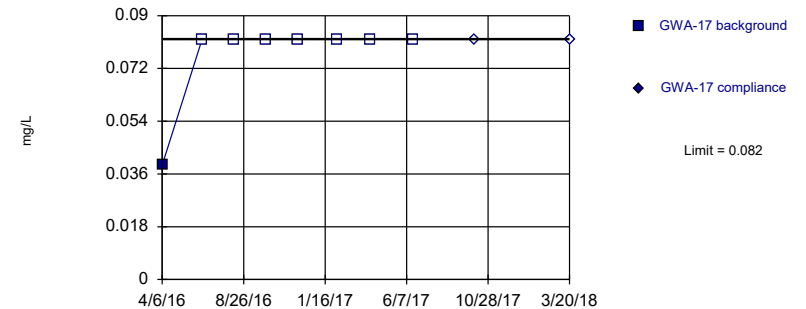


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

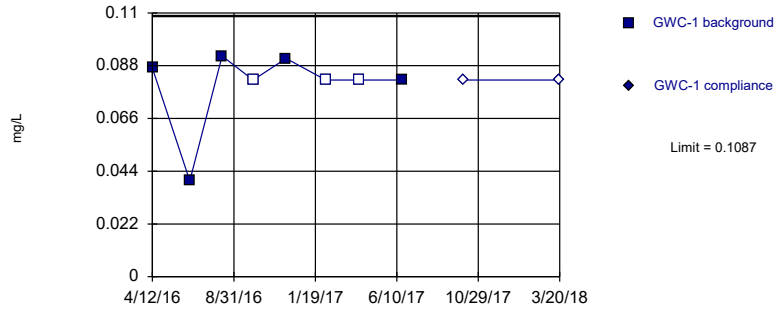


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

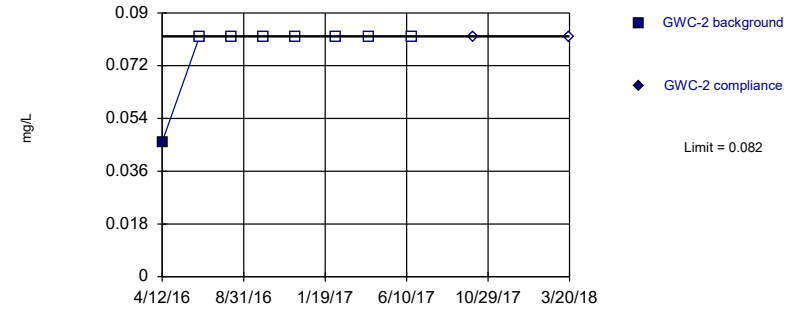


Background Data Summary (based on cube transformation) (after Kaplan-Meier Adjustment): Mean=0.0004661, Std. Dev.=0.0002828, n=8, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7777, critical = 0.749. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

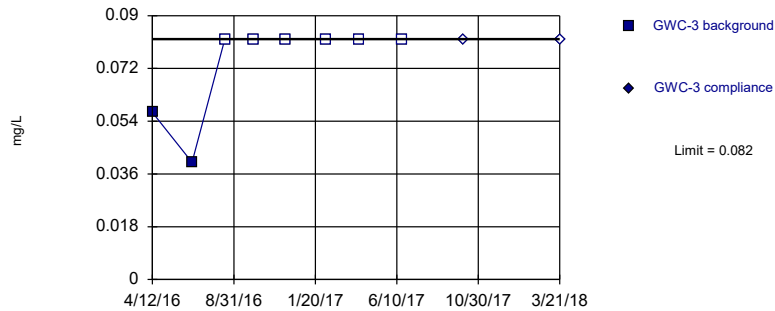


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

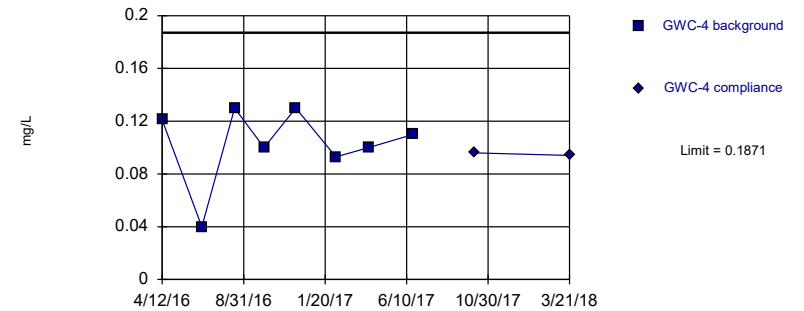


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

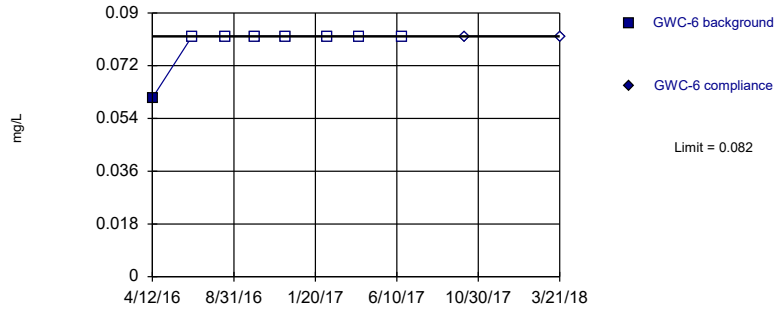
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.103, Std. Dev.=0.02908, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8374, critical = 0.749. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

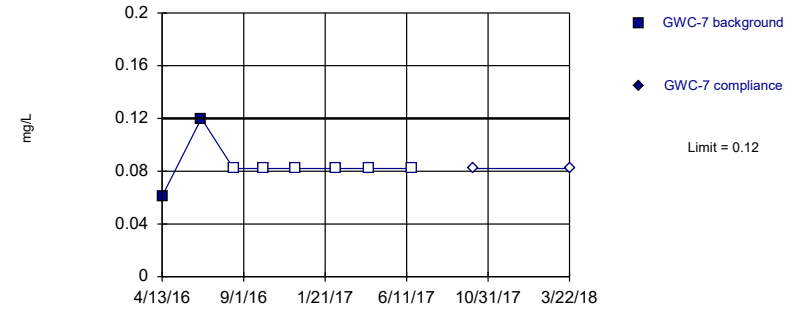
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

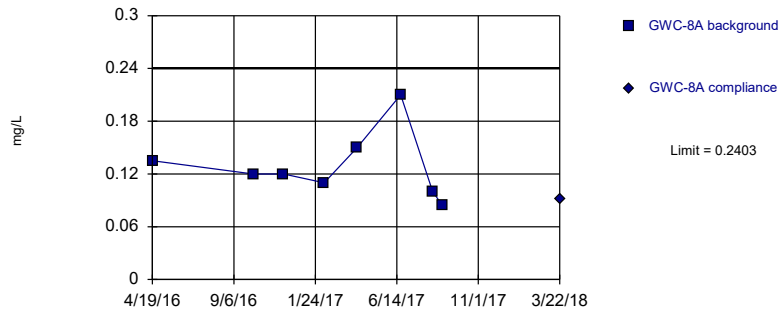
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

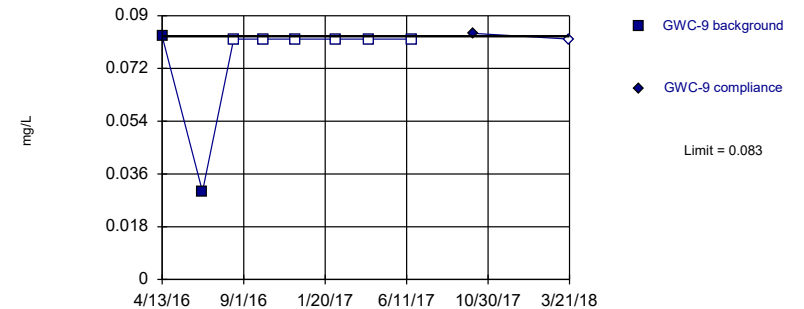
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.1286, Std. Dev.=0.03859, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8919, critical = 0.749. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

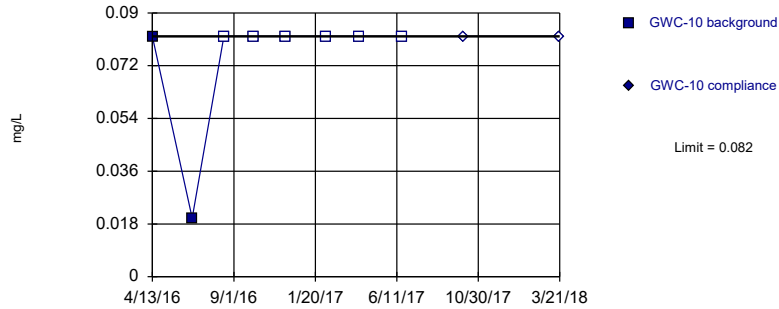


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

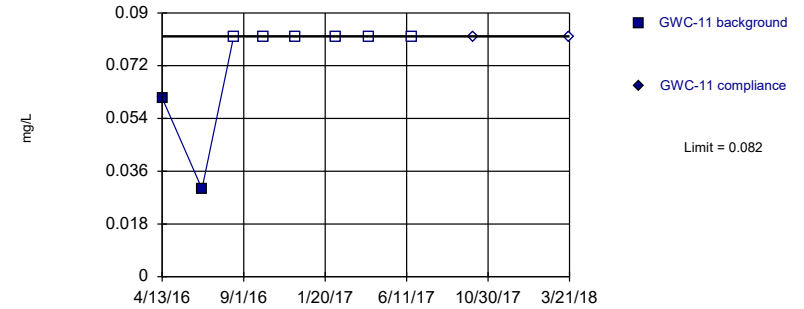


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

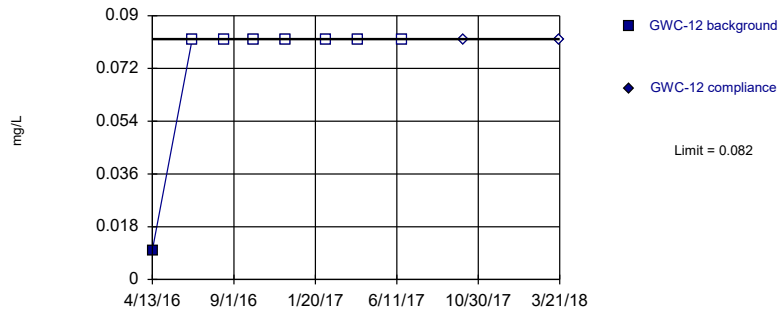


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

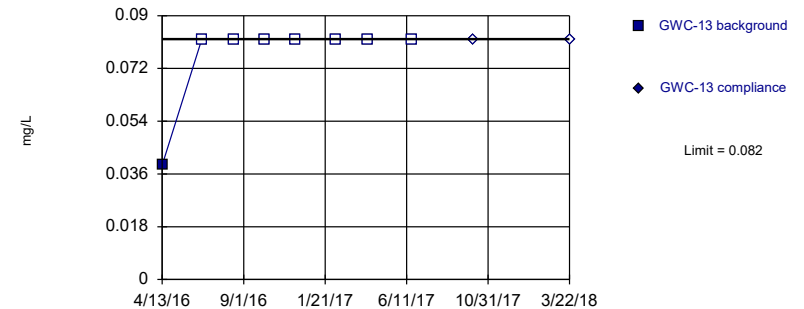


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

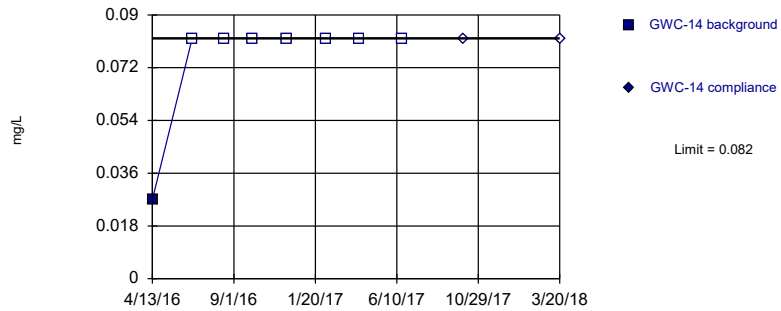


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

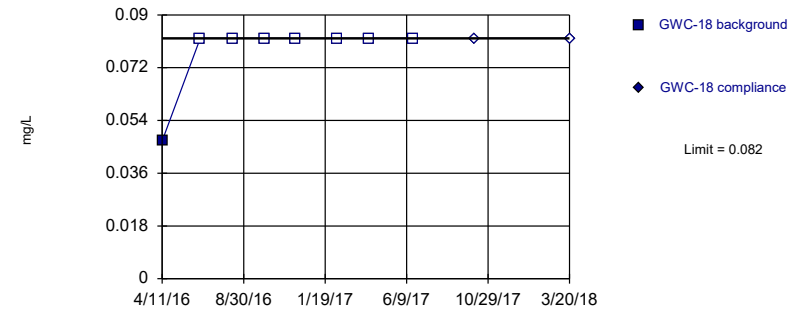


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

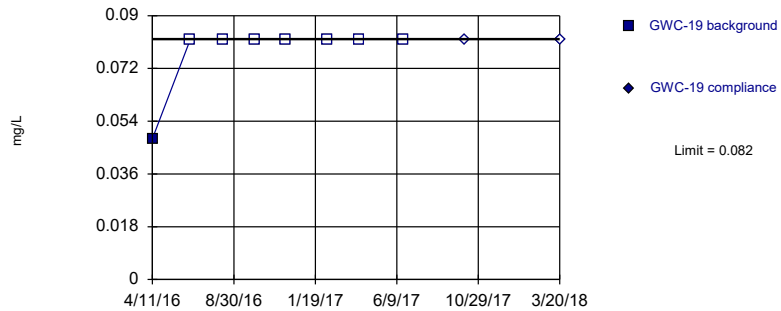


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

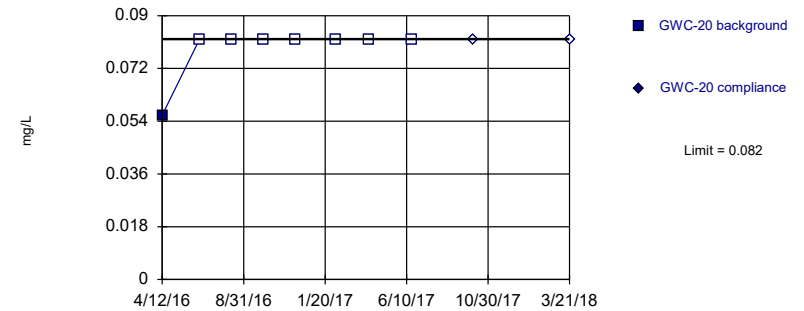


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

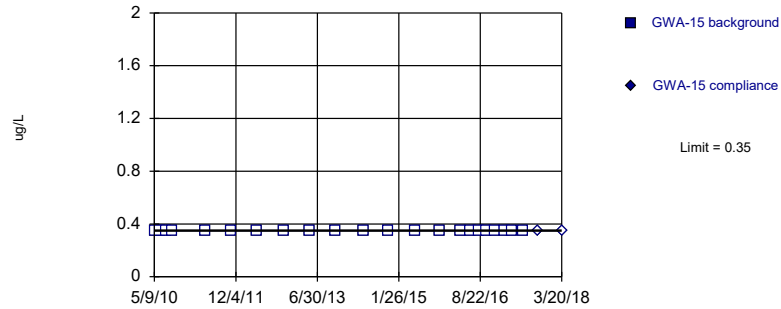


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

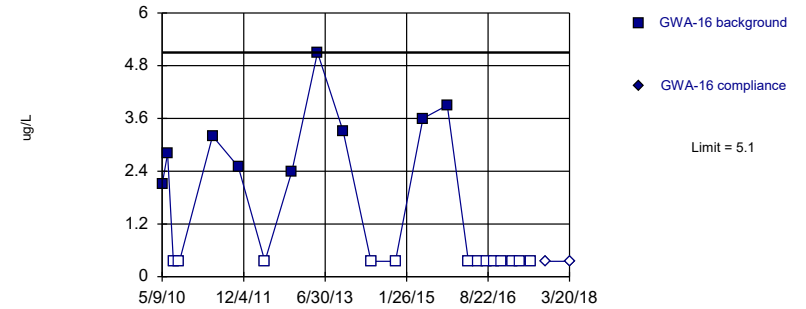


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

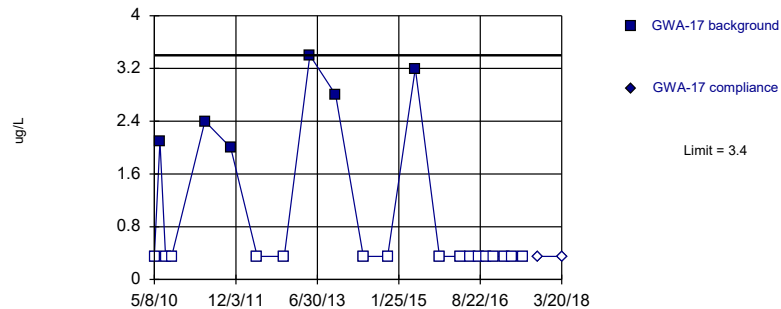


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

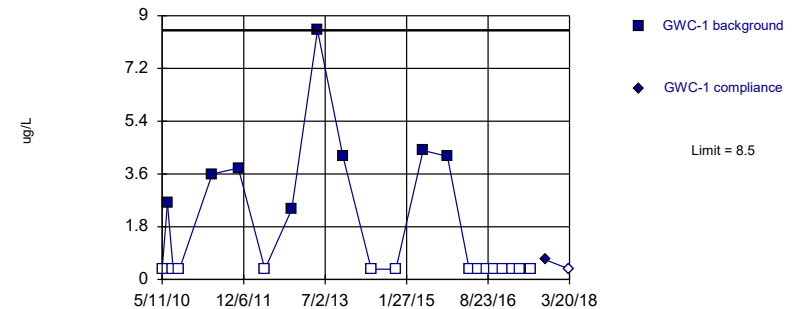


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 72.73% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

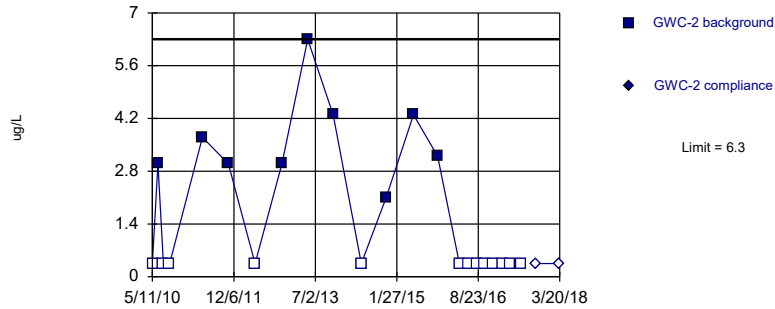
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

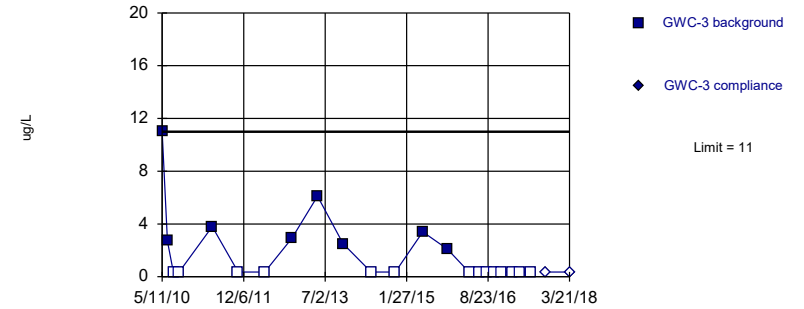
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

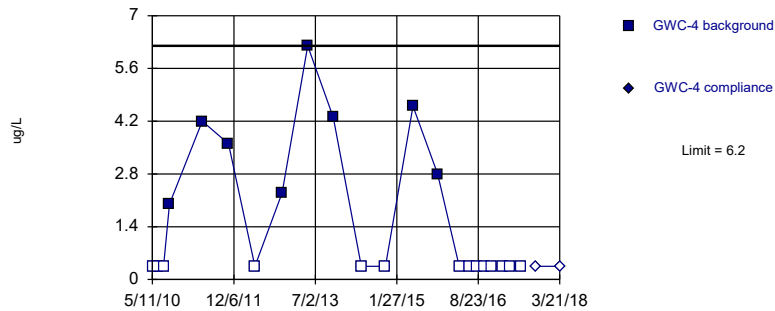
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

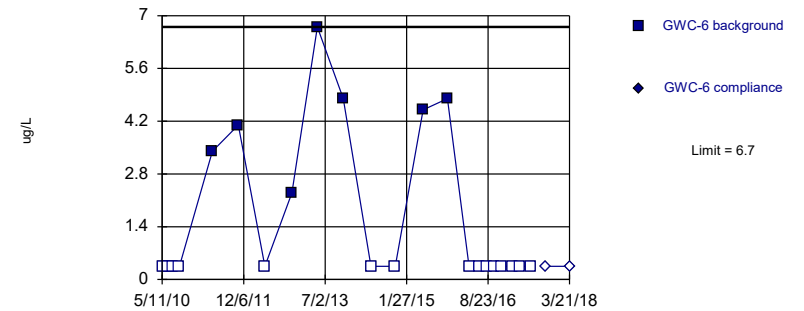
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

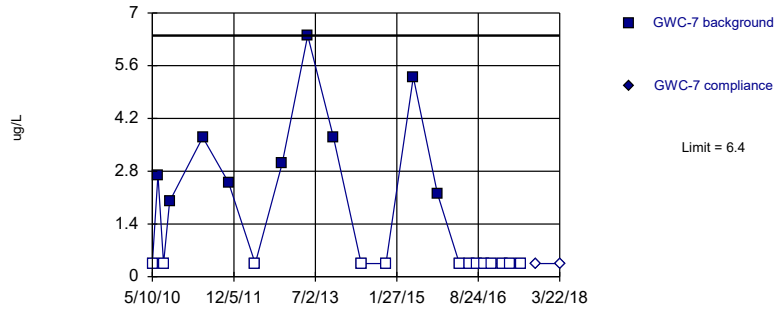


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 68.18% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

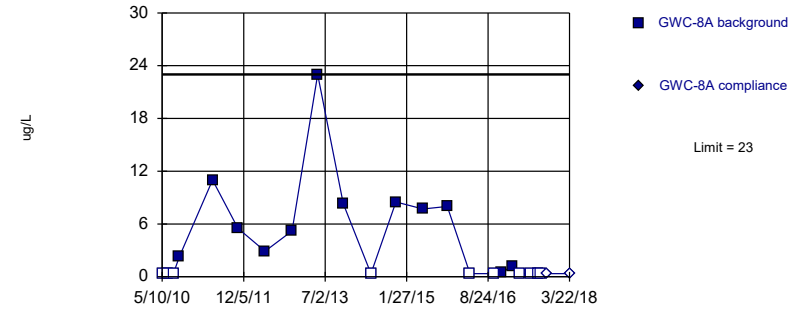


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

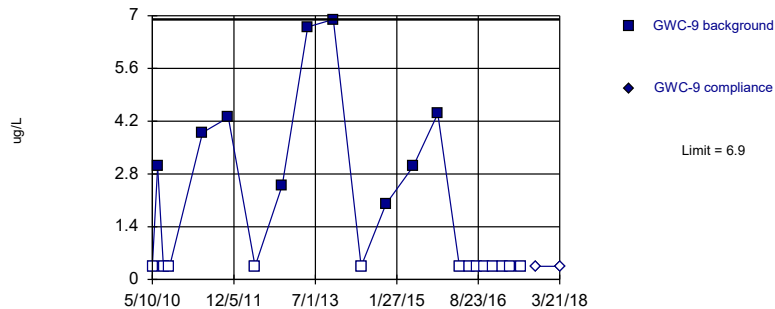


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. 45.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

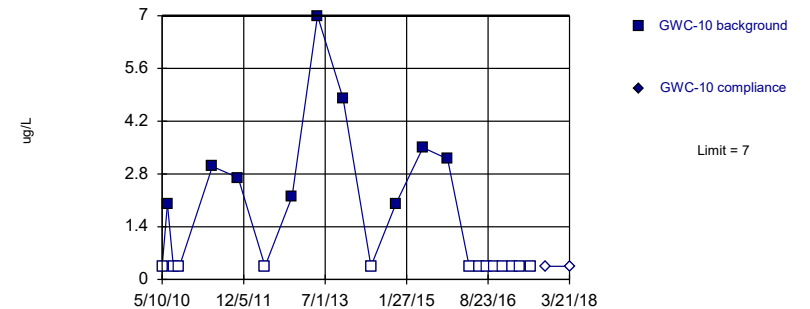


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric



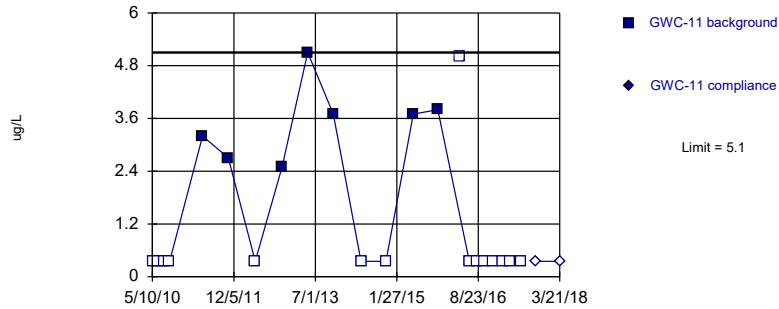
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



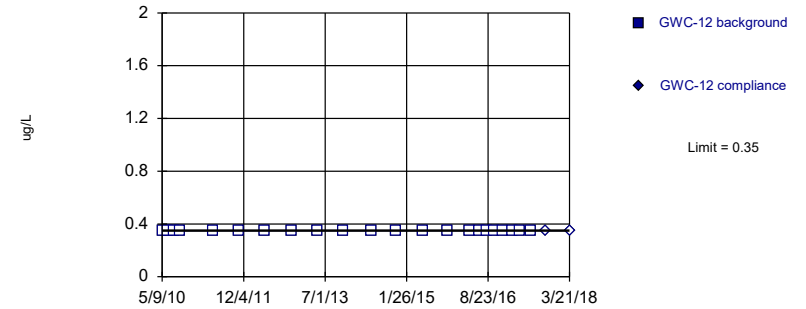
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



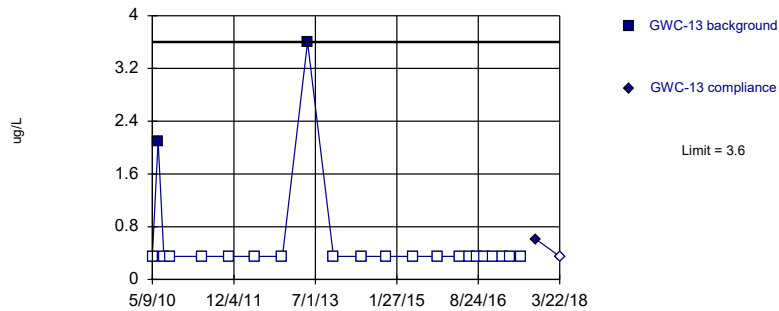
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



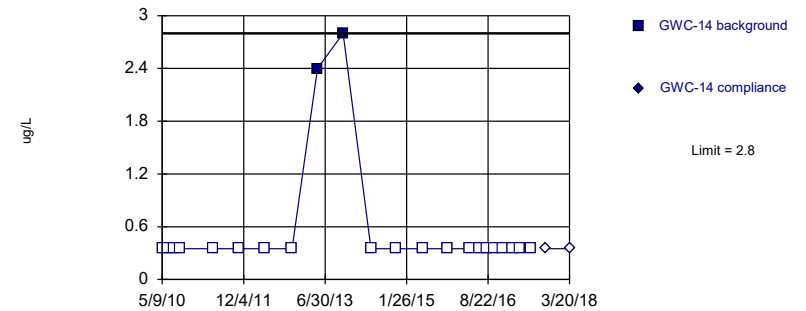
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

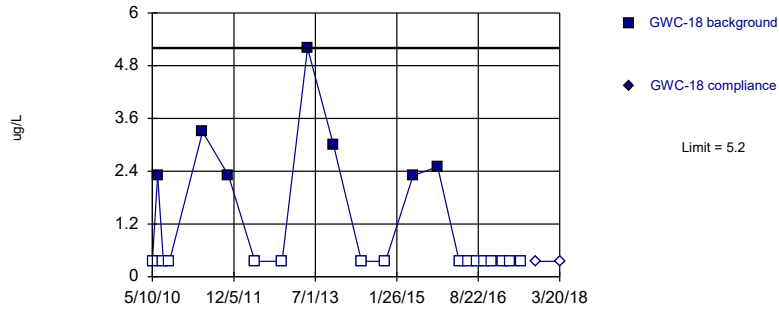
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

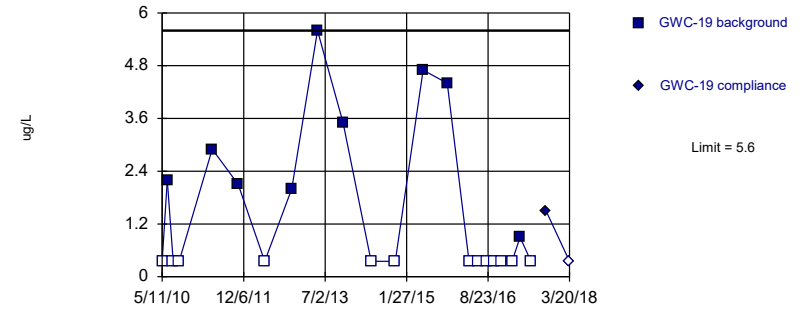
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 68.18% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

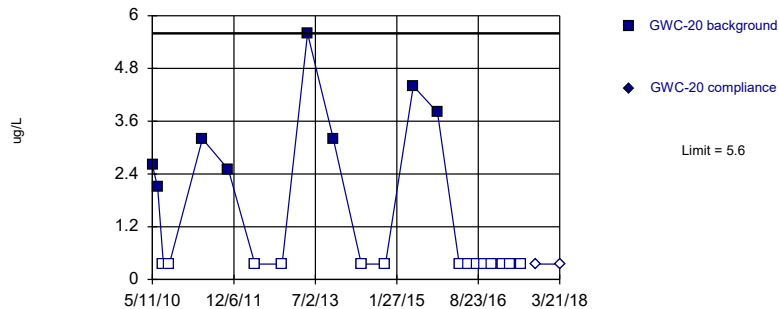
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

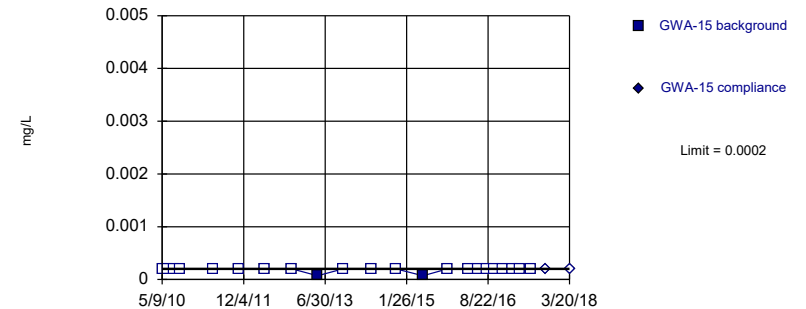
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

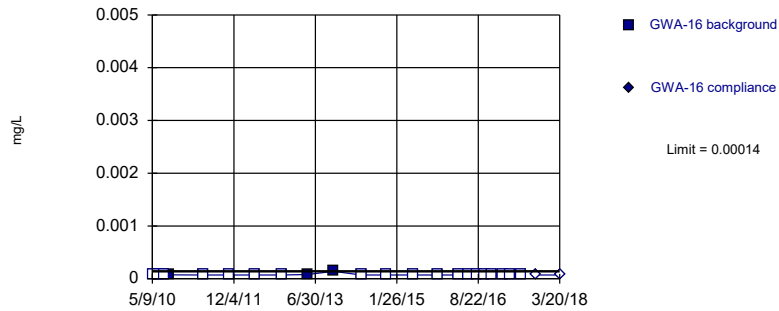


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

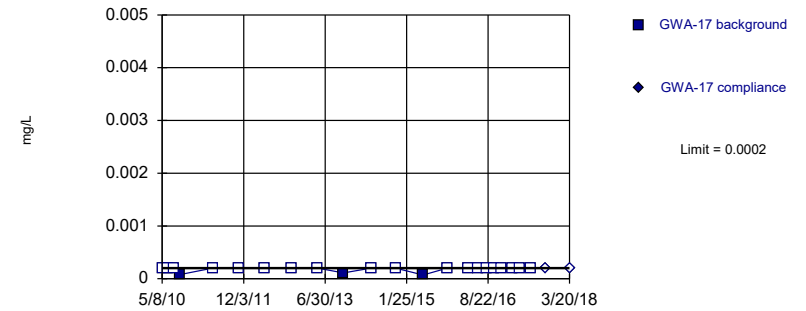


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

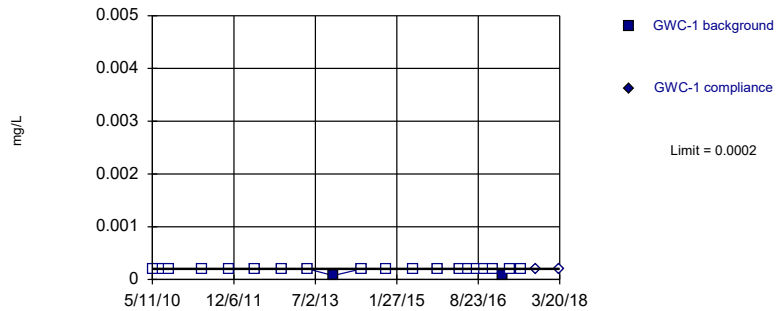


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

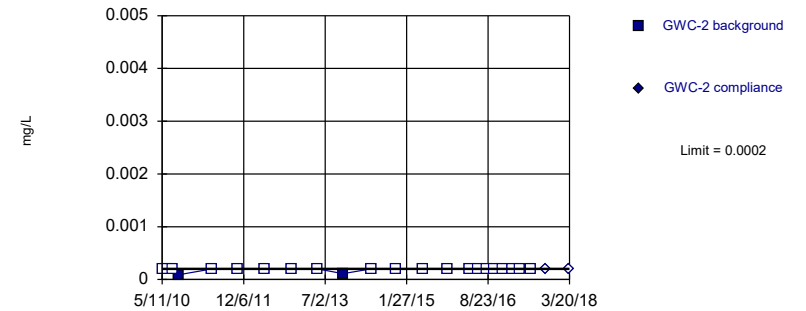


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



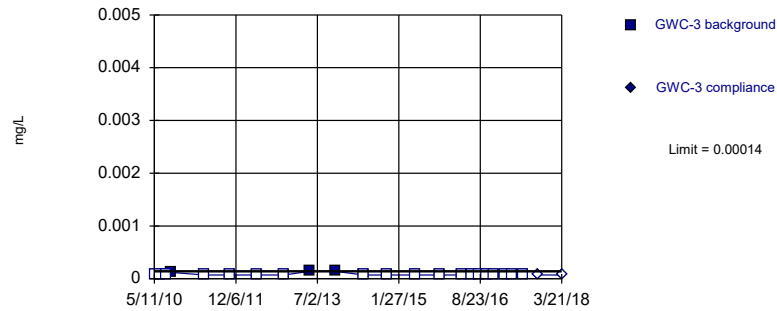
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



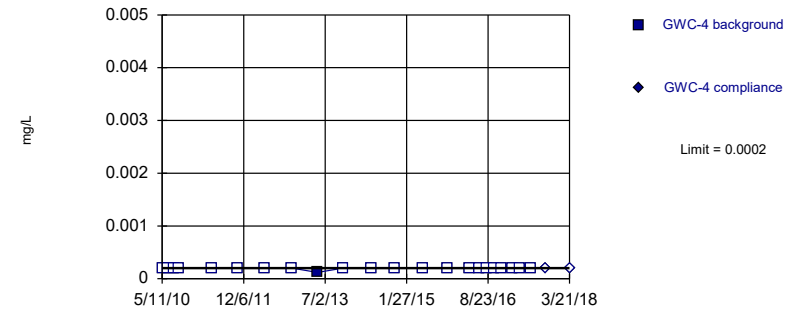
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



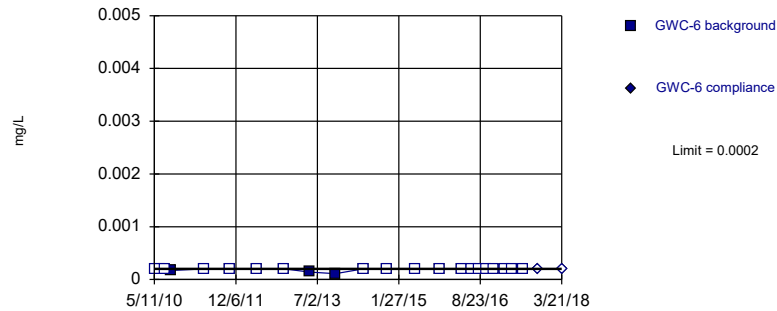
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



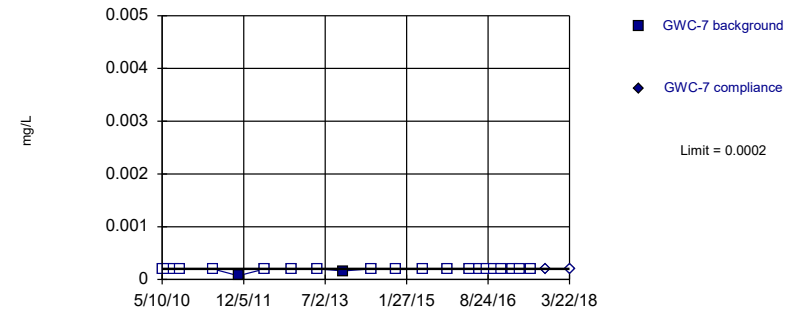
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:24 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

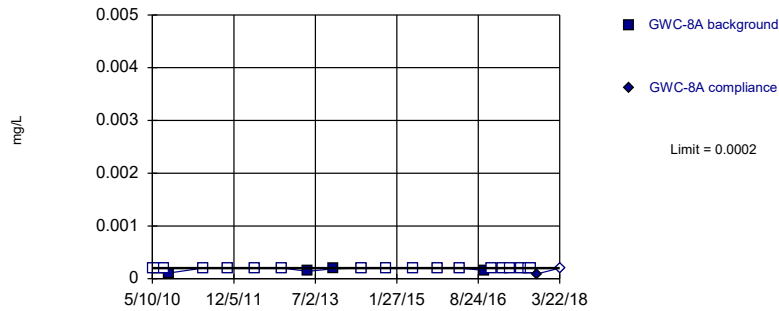


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

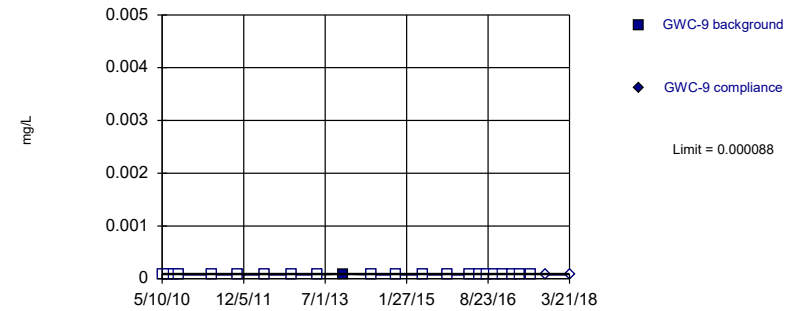


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

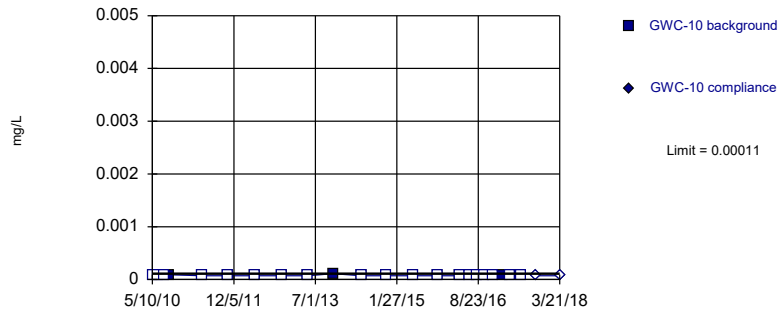


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

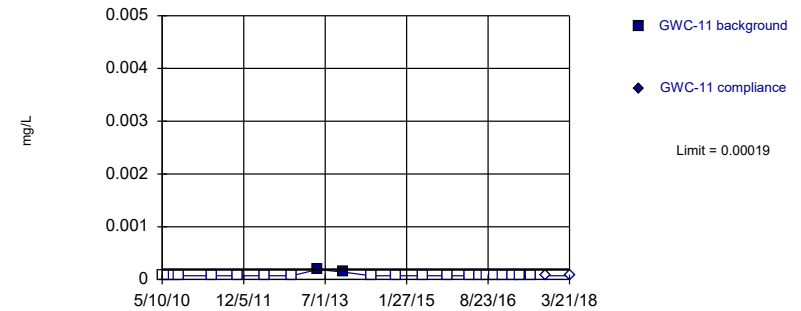


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

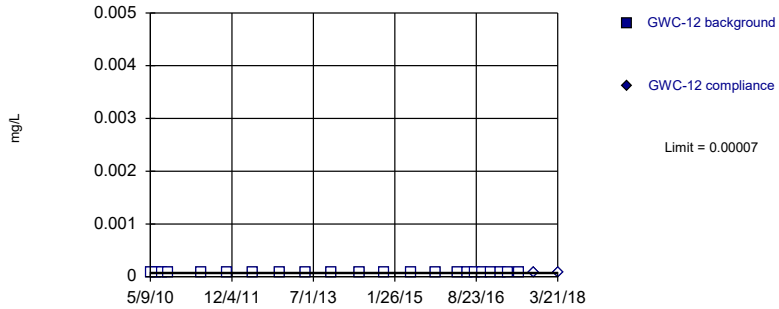
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

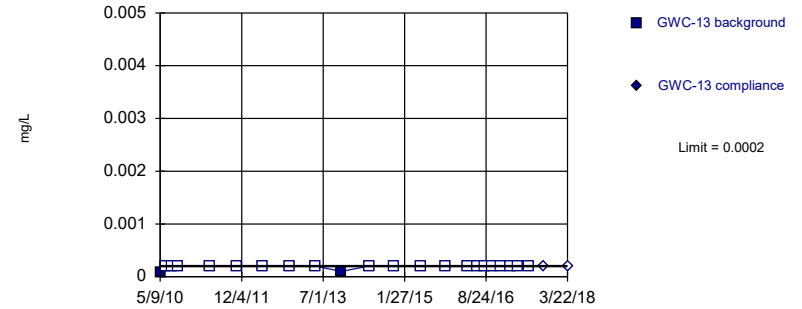
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

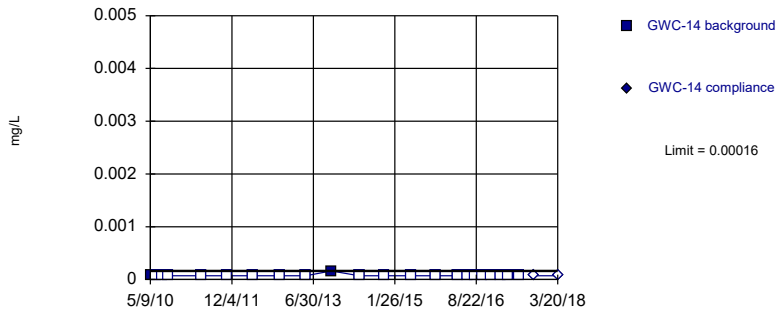
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

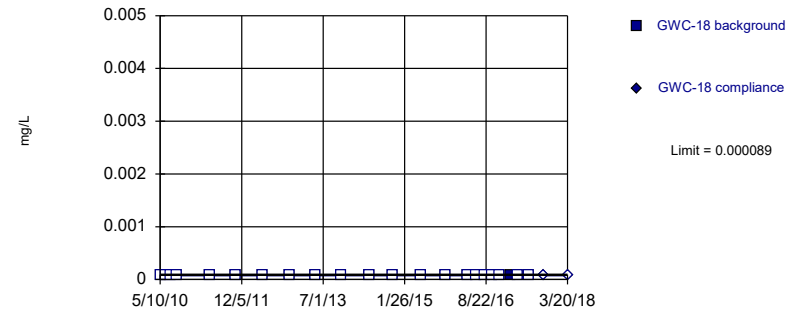
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

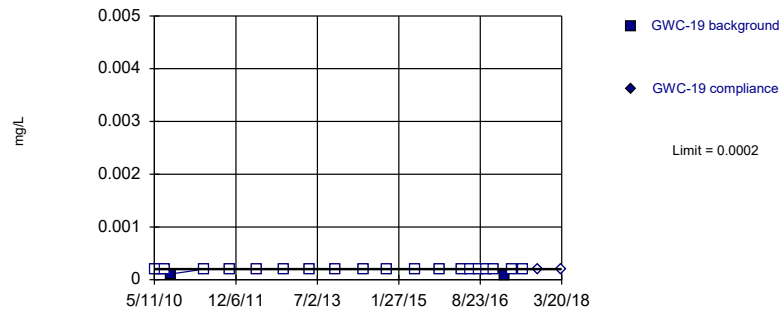


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

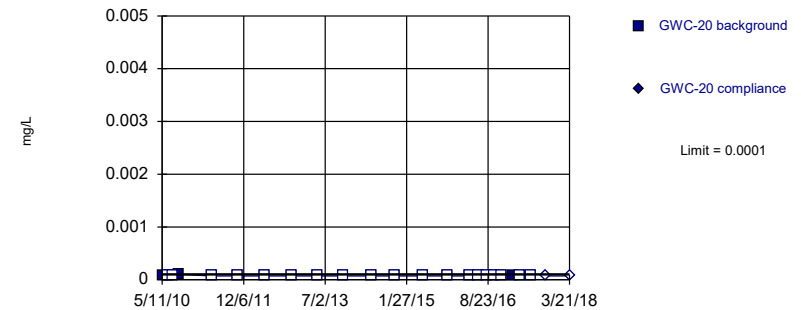


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

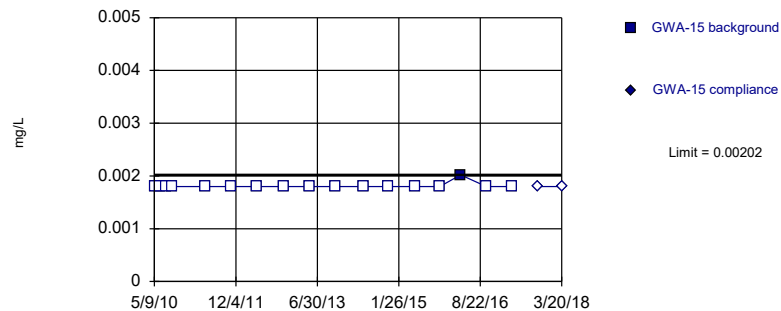


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

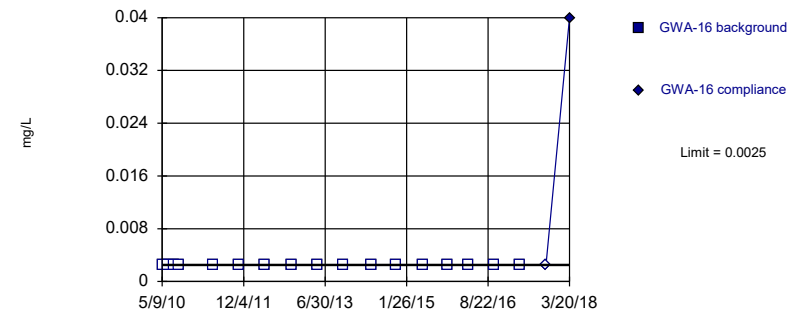


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Exceeds Limit Prediction Limit
Intrawell Non-parametric

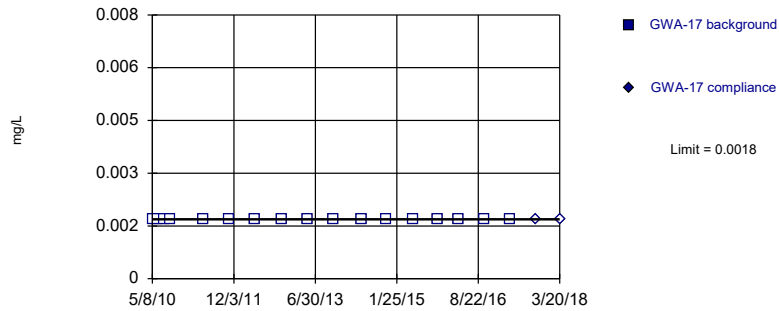


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

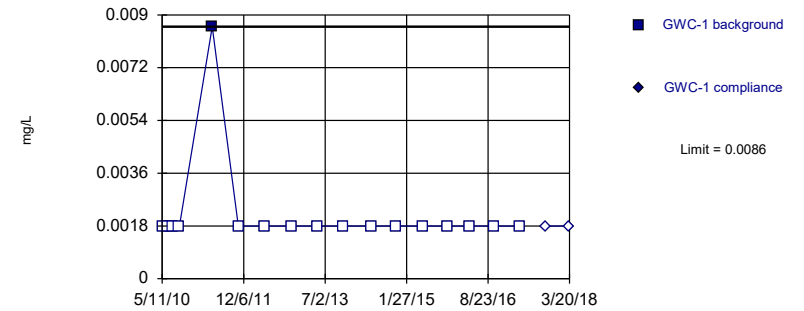


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

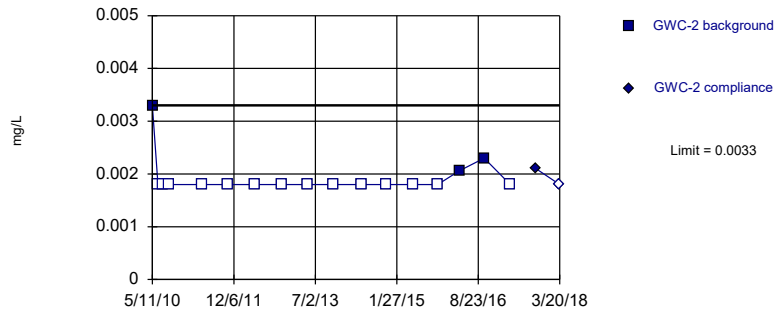


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

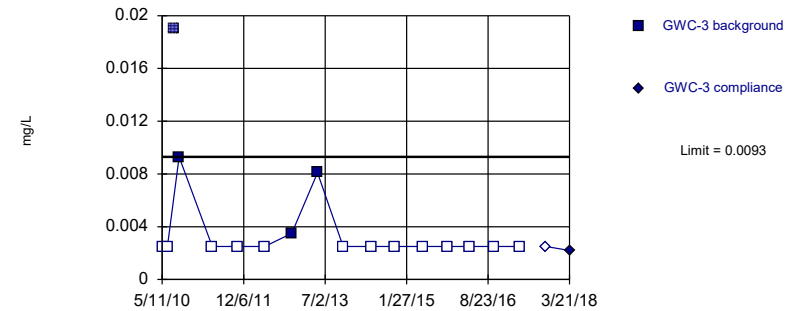


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



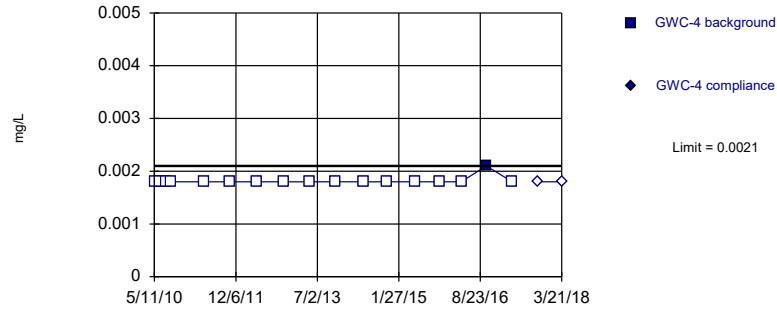
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



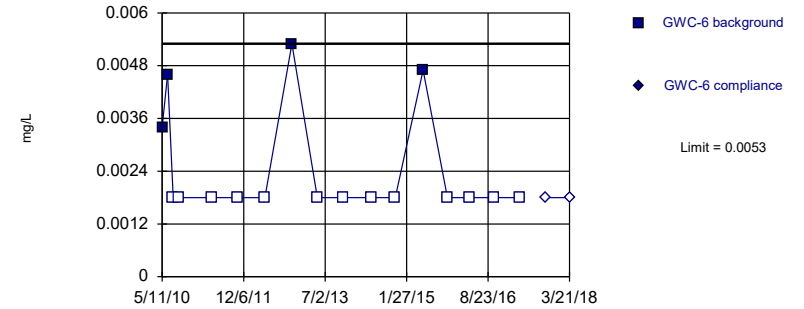
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



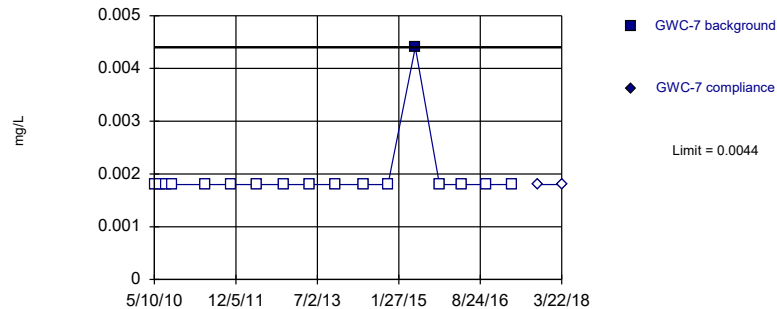
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



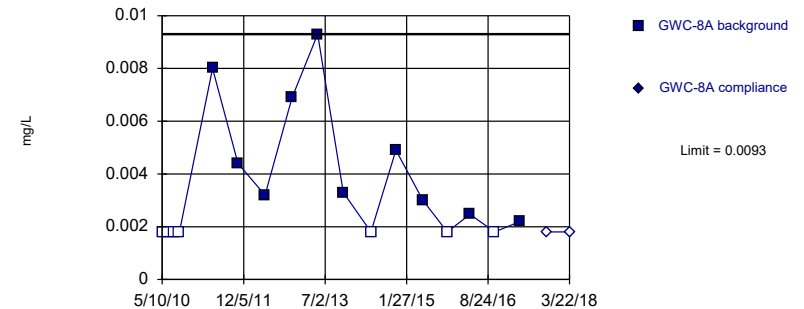
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



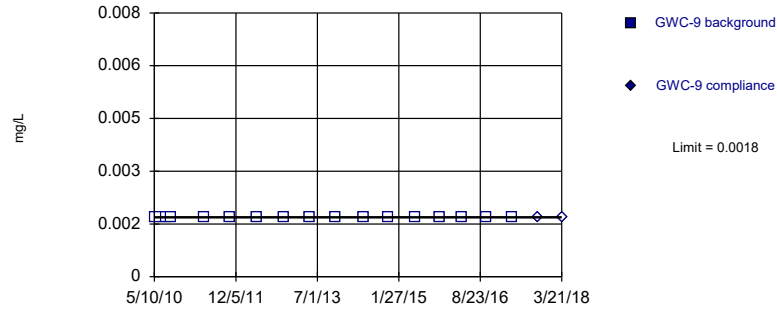
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 41.18% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



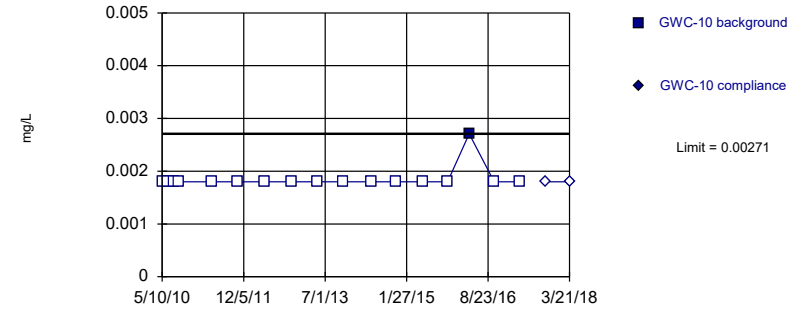
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



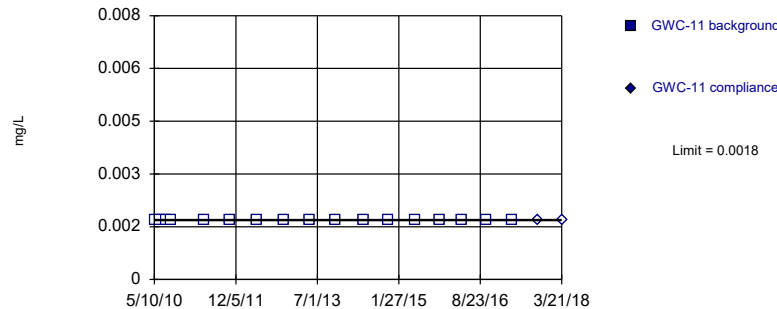
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



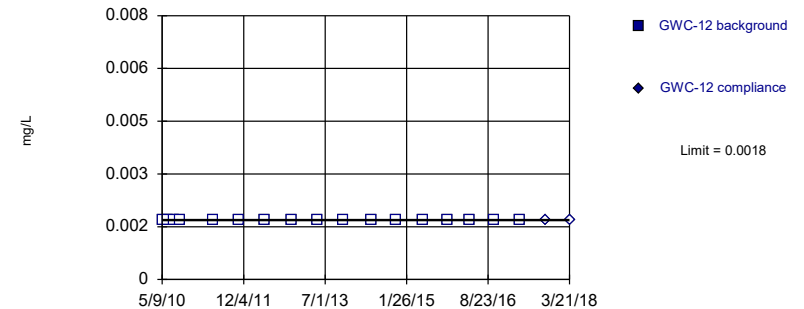
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



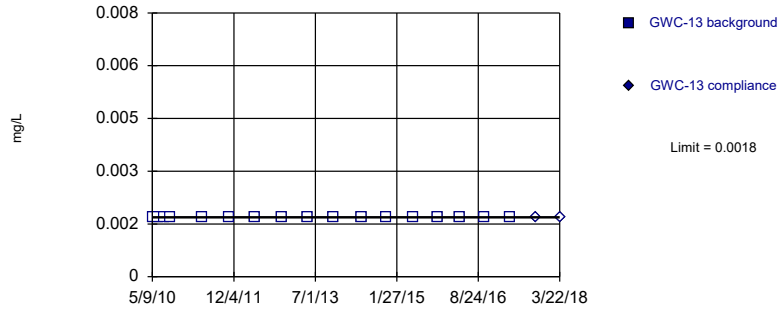
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



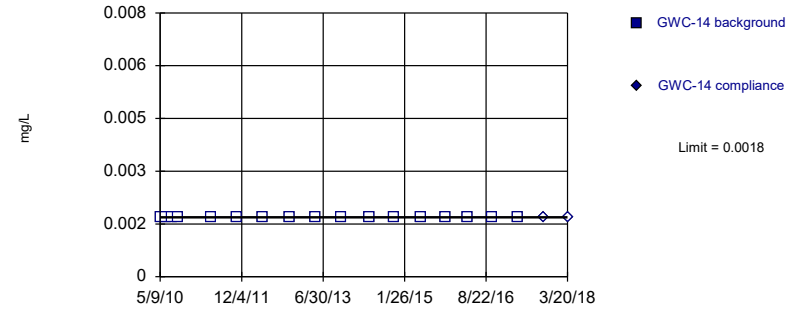
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



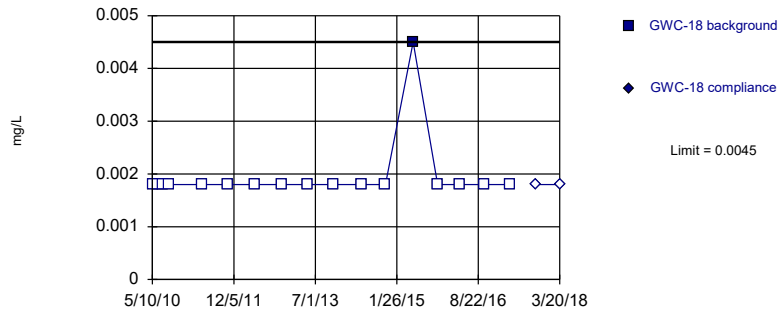
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



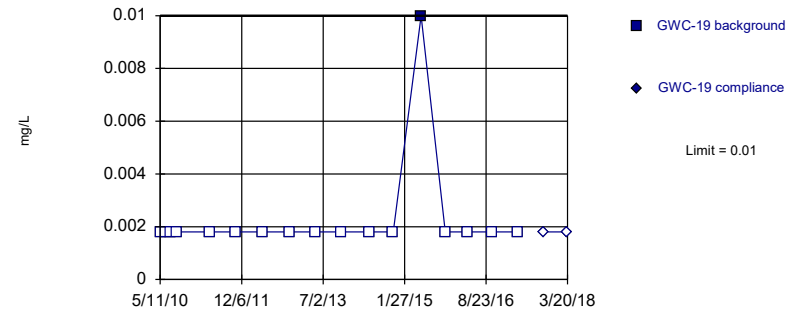
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

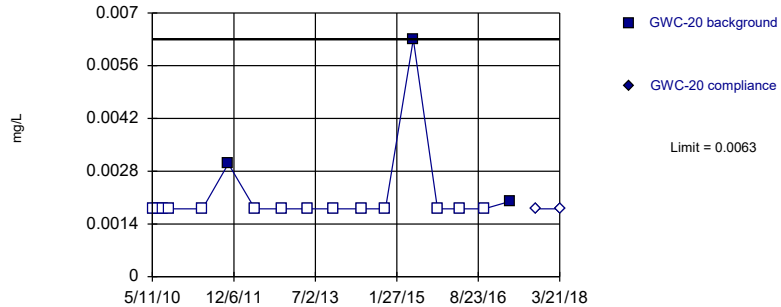


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

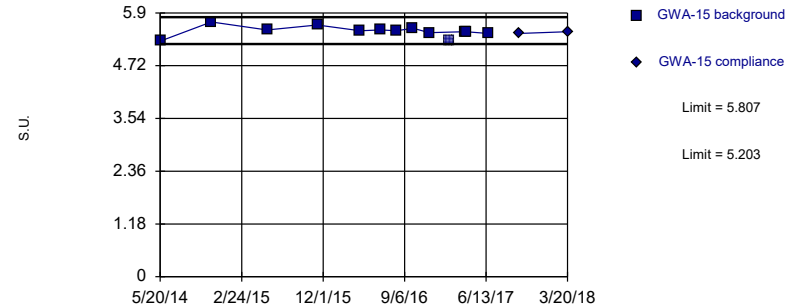


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

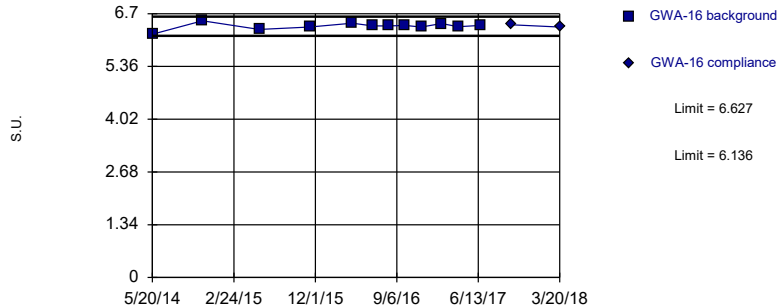


Background Data Summary: Mean=5.505, Std. Dev.=0.1044, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9199, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

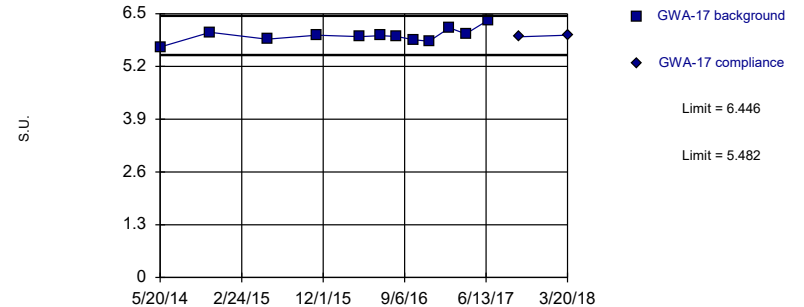


Background Data Summary: Mean=6.382, Std. Dev.=0.08483, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.918, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

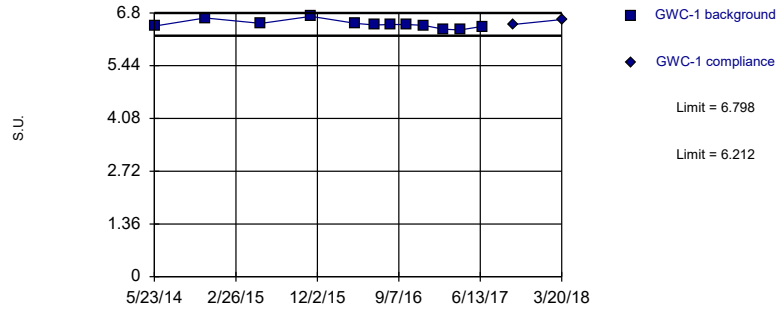


Background Data Summary: Mean=5.964, Std. Dev.=0.1666, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9462, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

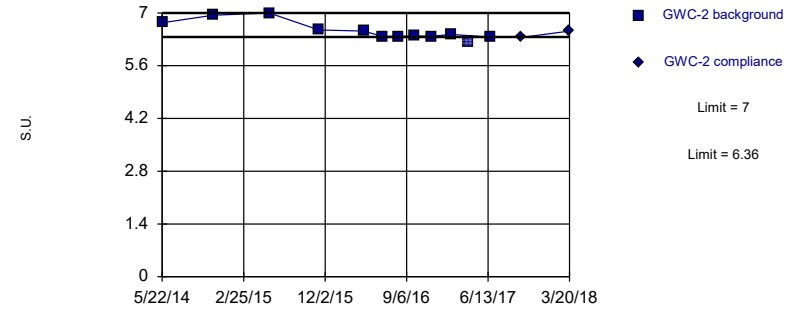


Background Data Summary: Mean=6.505, Std. Dev.=0.1014, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9058, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

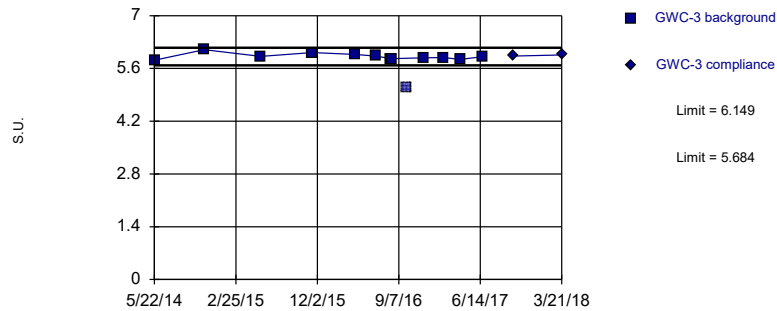


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 11 background values. Well-constituent pair annual alpha = 0.05073. Individual comparison alpha = 0.02553 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

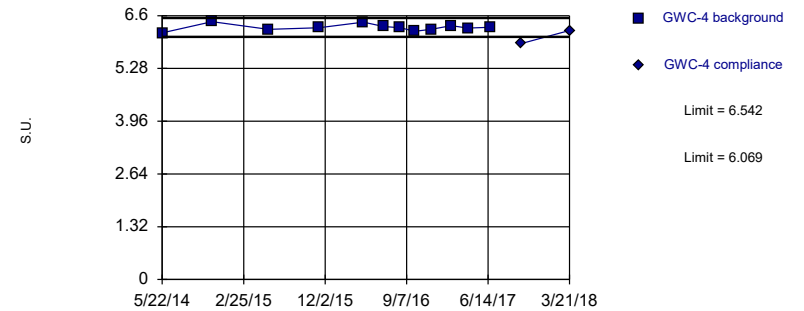


Background Data Summary: Mean=5.917, Std. Dev.=0.08038, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9104, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

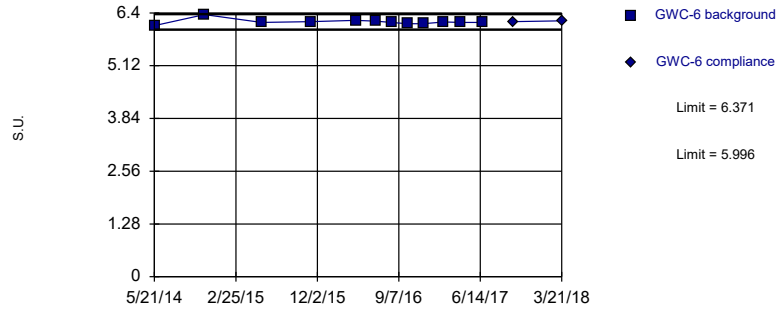


Background Data Summary: Mean=6.306, Std. Dev.=0.08174, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9472, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

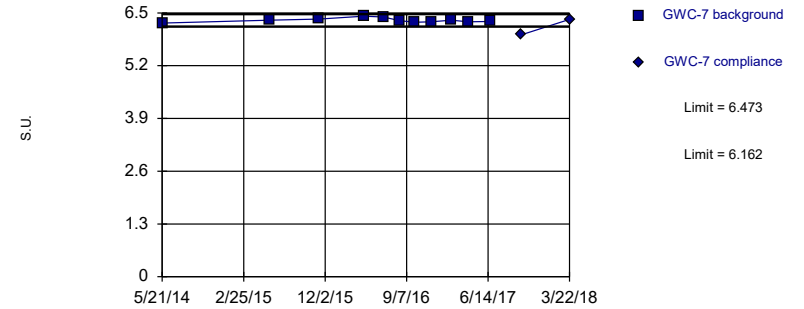


Background Data Summary: Mean=6.183, Std. Dev.=0.06471, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8052, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

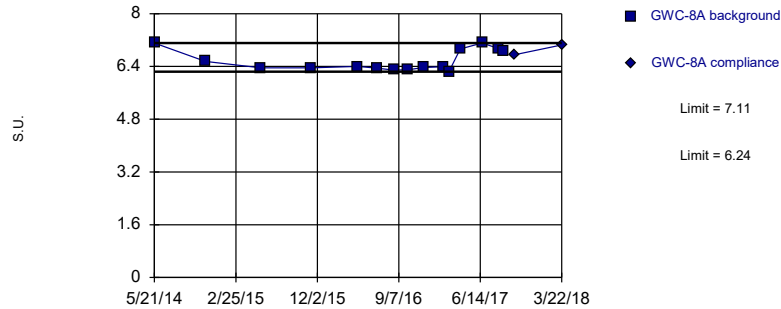


Background Data Summary: Mean=6.317, Std. Dev.=0.05368, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9099, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

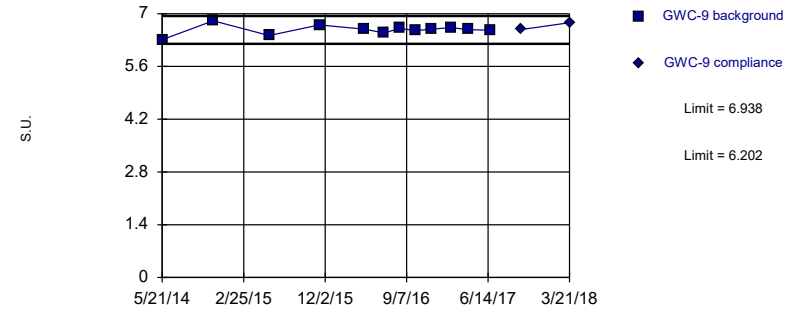


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

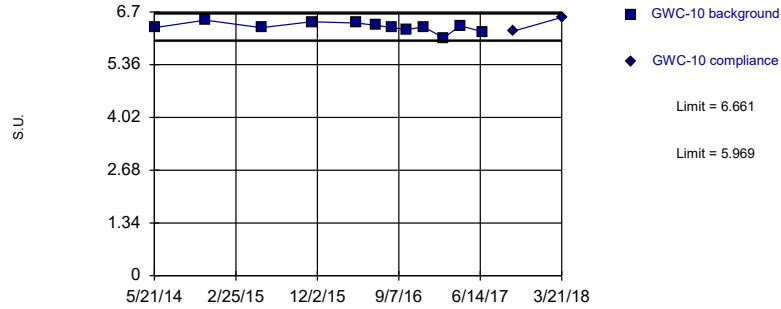


Background Data Summary: Mean=6.57, Std. Dev.=0.1271, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9571, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

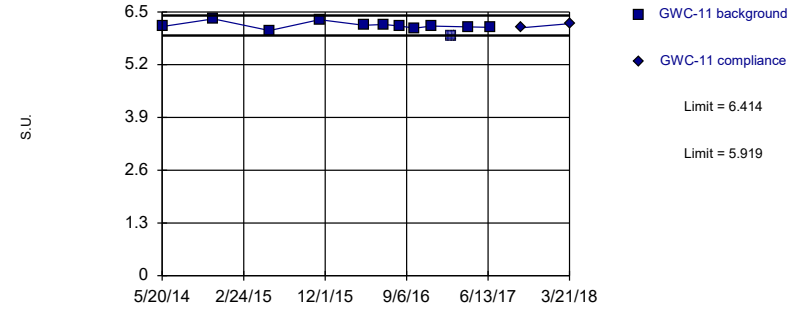


Background Data Summary: Mean=6.315, Std. Dev.=0.1194, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9405, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

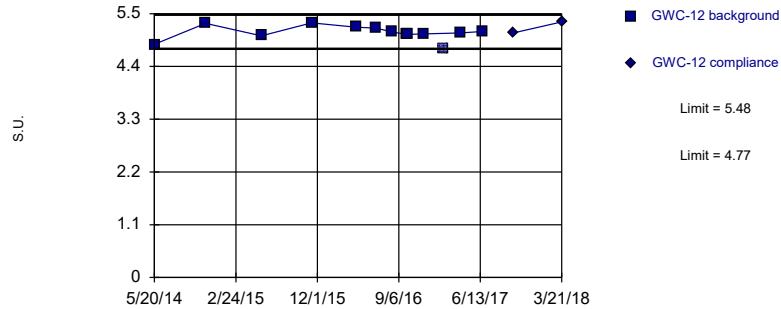


Background Data Summary: Mean=6.166, Std. Dev.=0.08547, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.885, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

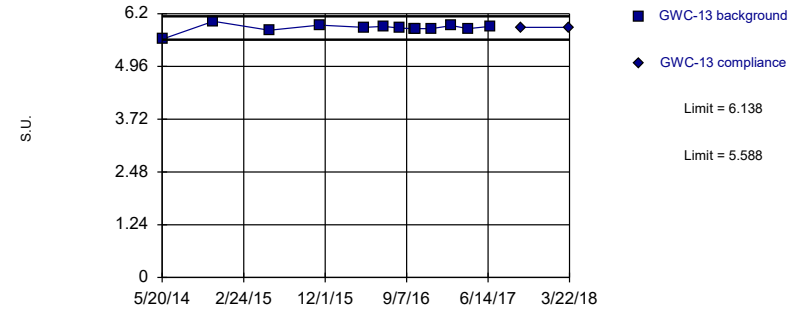


Background Data Summary: Mean=5.125, Std. Dev.=0.1227, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9362, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

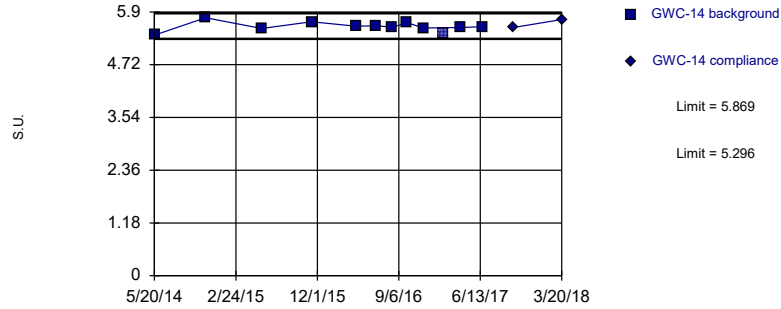


Background Data Summary: Mean=5.863, Std. Dev.=0.0949, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.819, critical = 0.814. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

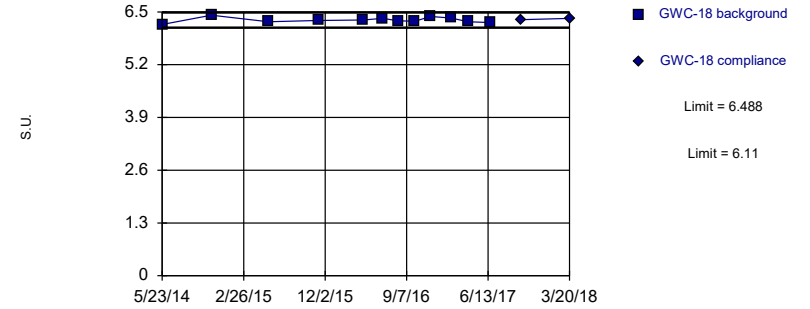


Background Data Summary: Mean=5.583, Std. Dev.=0.099, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9329, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

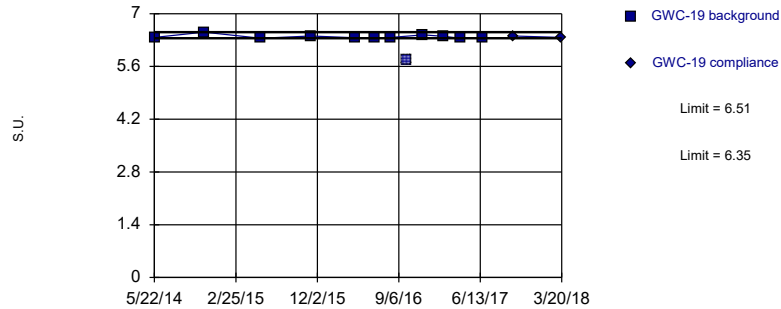


Background Data Summary: Mean=6.299, Std. Dev.=0.06529, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9646, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

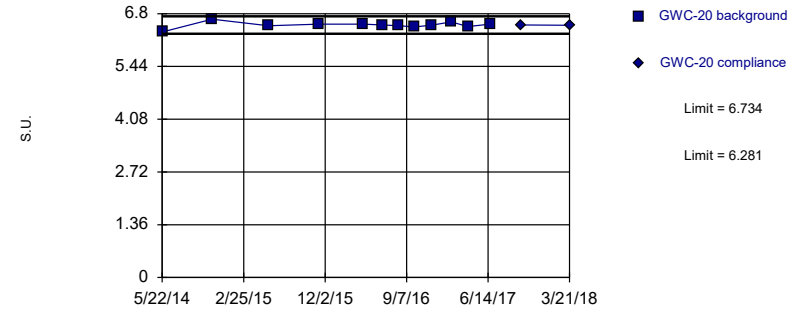


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 11 background values. Well-constituent pair annual alpha = 0.05073. Individual comparison alpha = 0.02553 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric



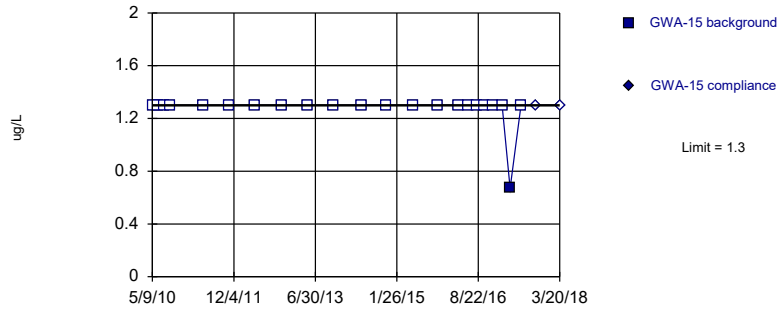
Background Data Summary: Mean=6.508, Std. Dev.=0.07829, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9145, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



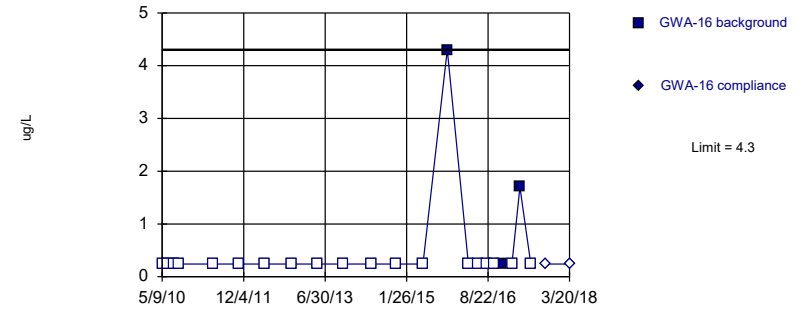
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



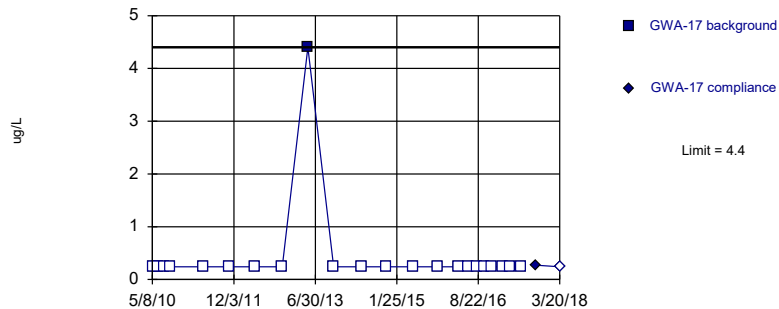
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



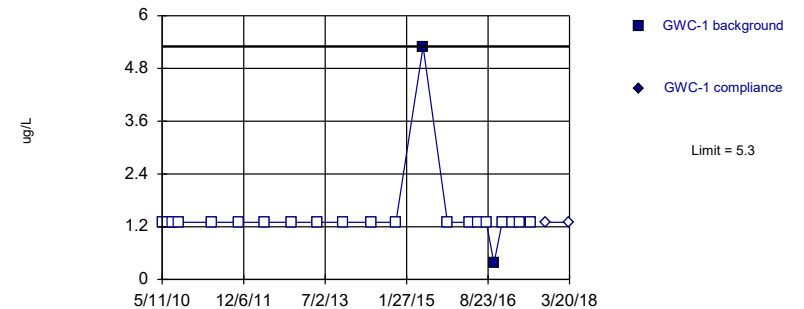
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

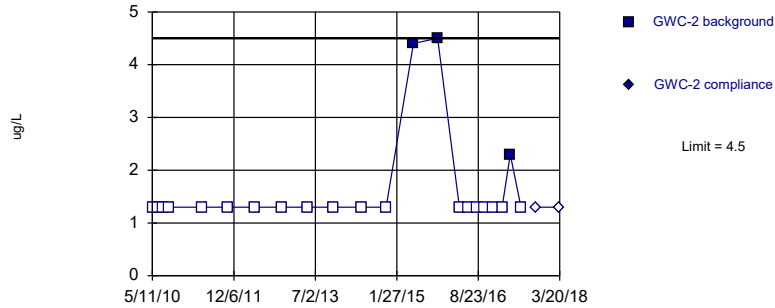


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

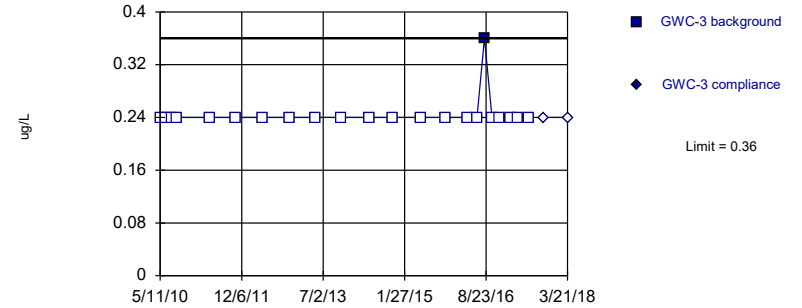


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

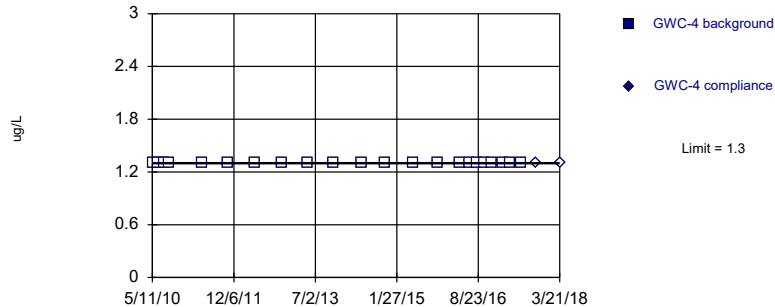


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

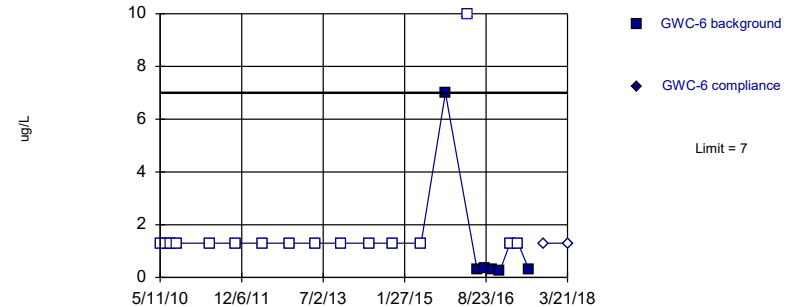


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

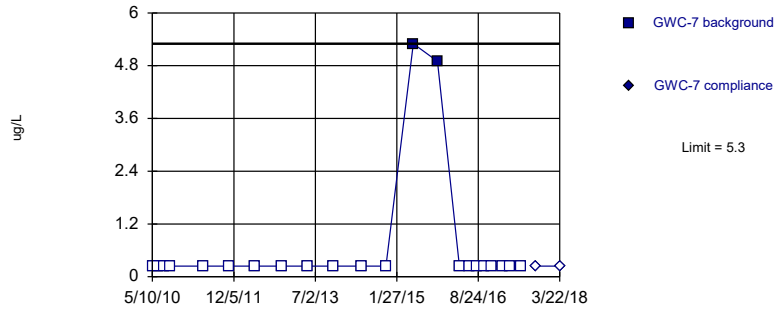


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

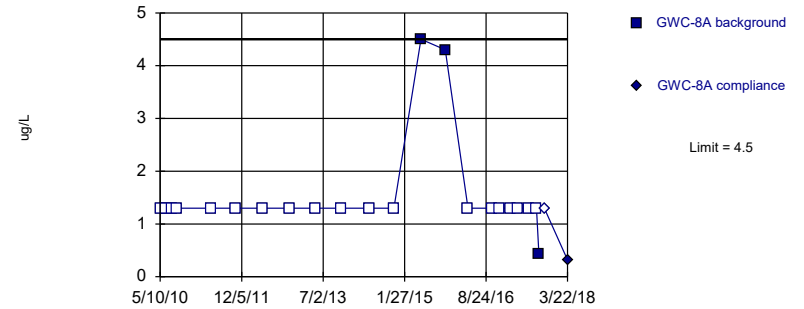


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

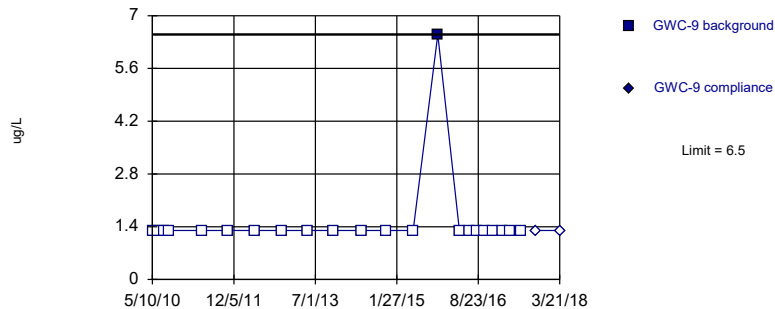


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

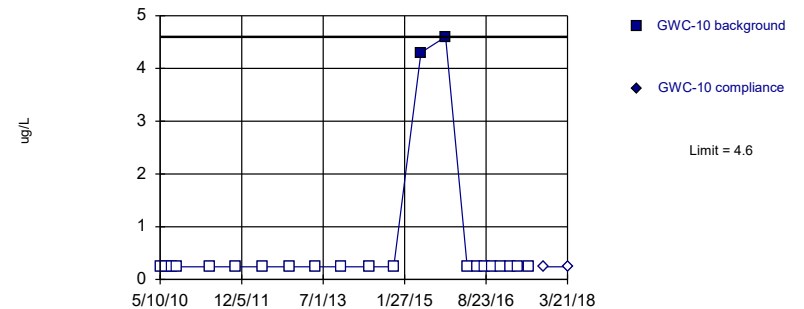


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



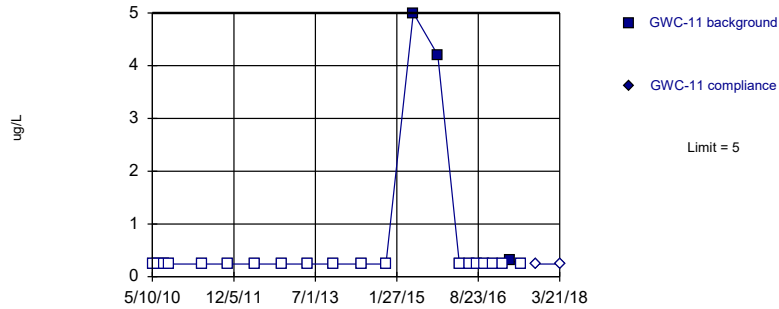
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



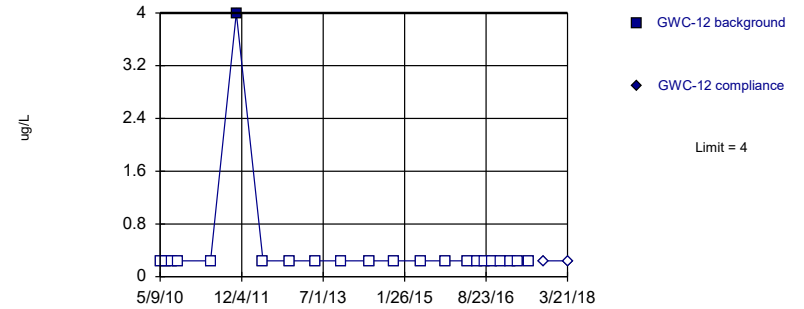
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



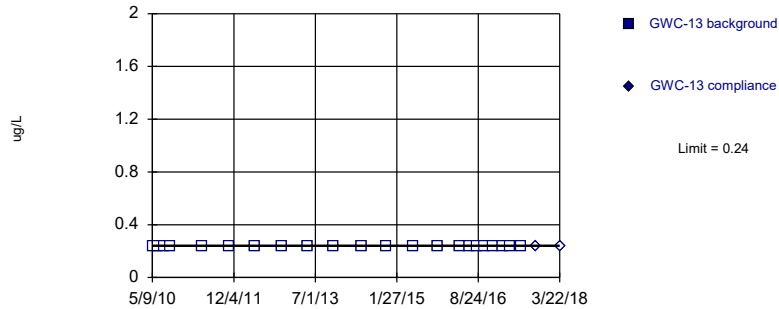
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



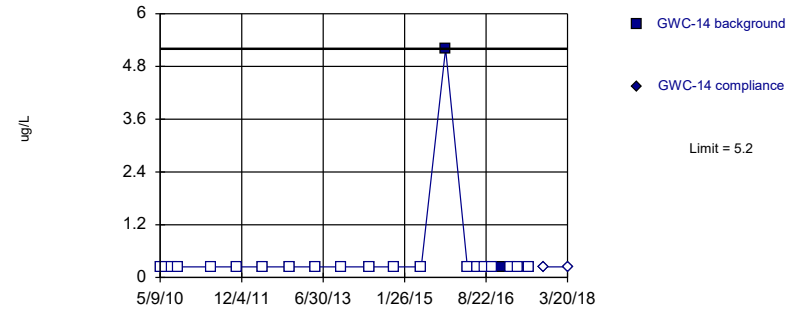
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



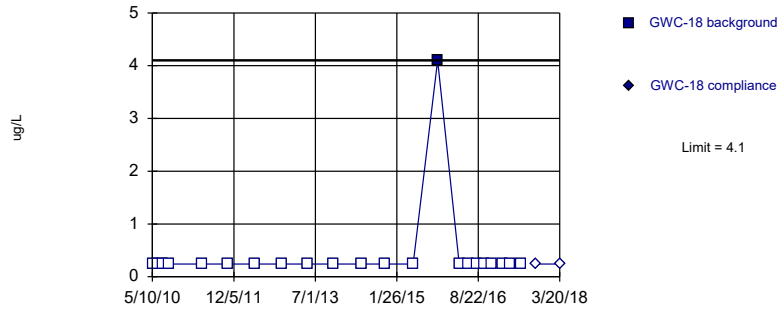
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



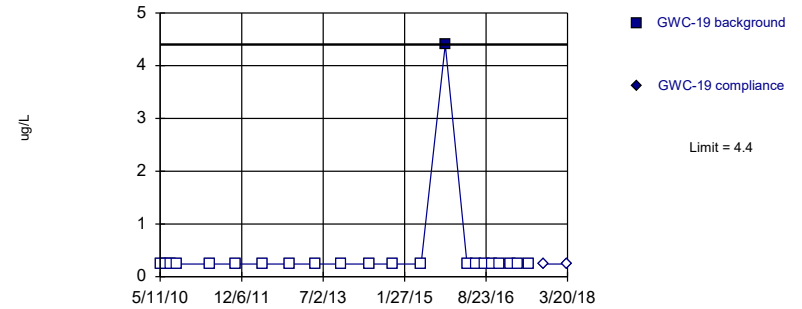
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



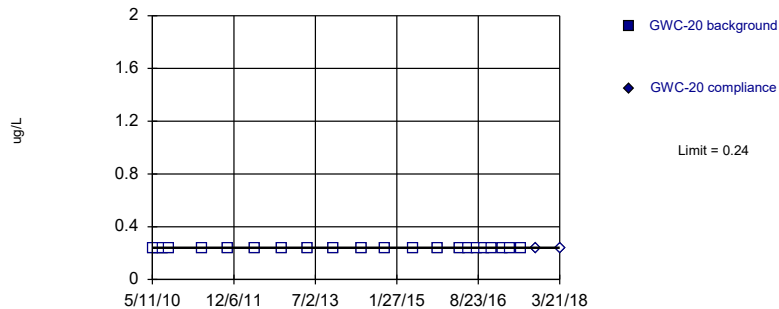
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



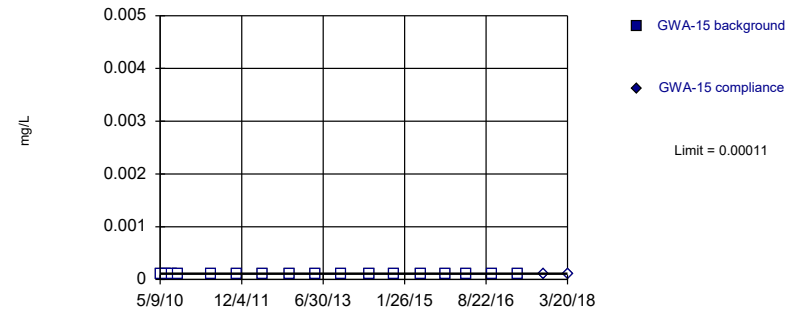
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

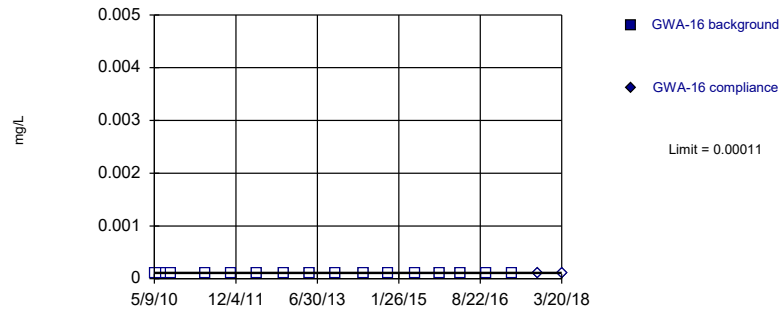


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

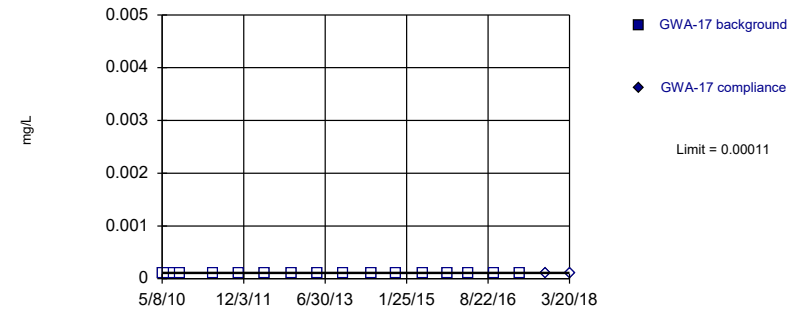


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

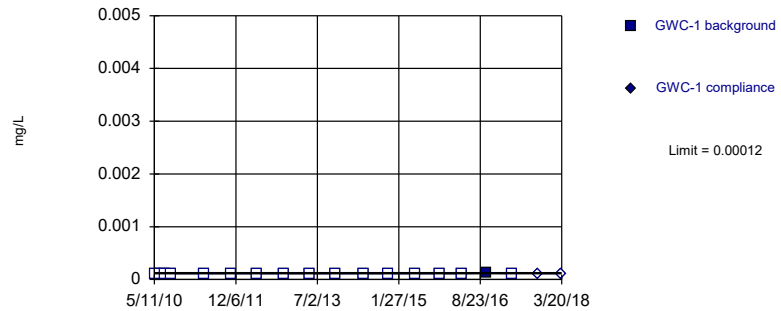


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

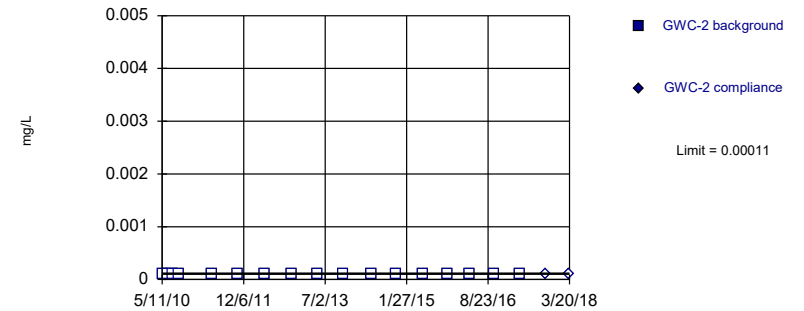


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

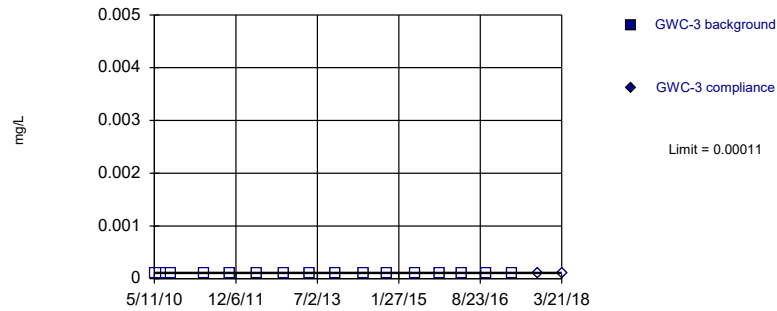
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

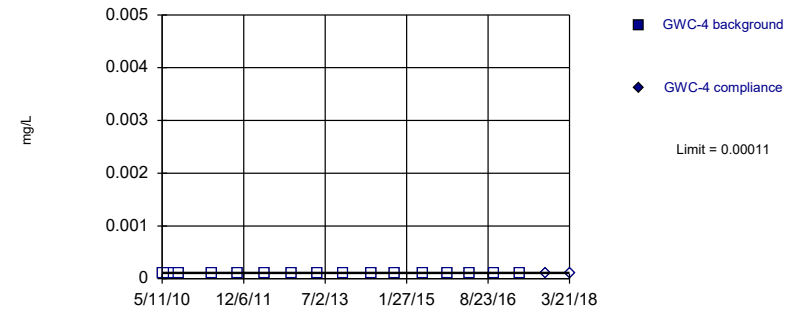
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

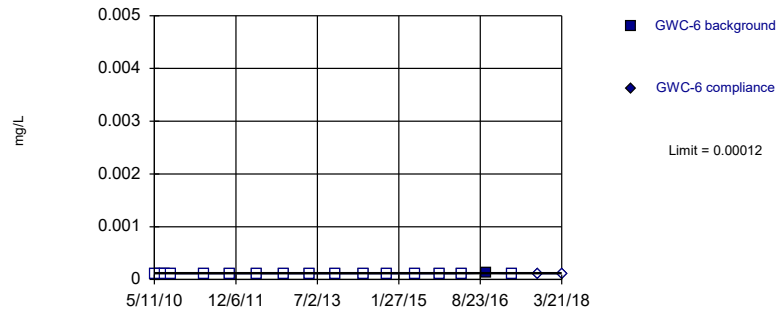
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

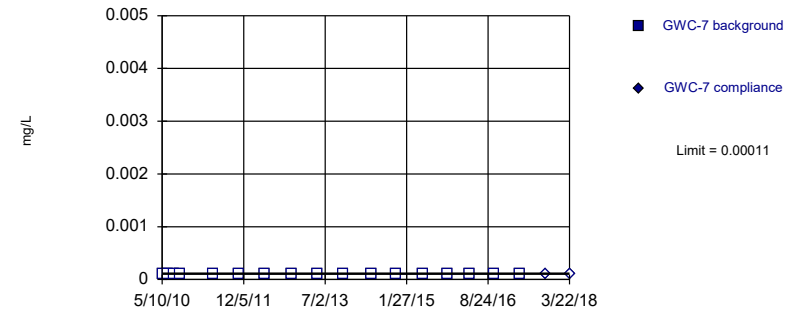
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

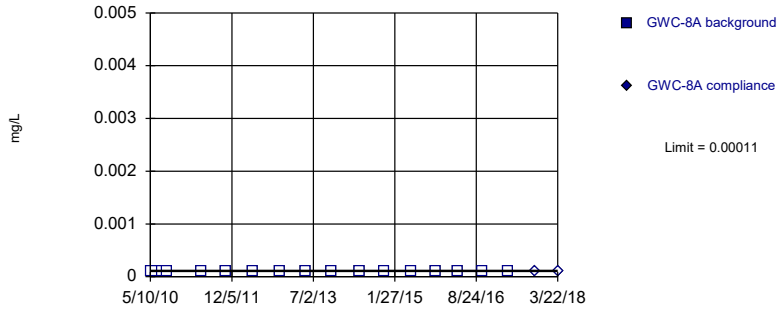
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

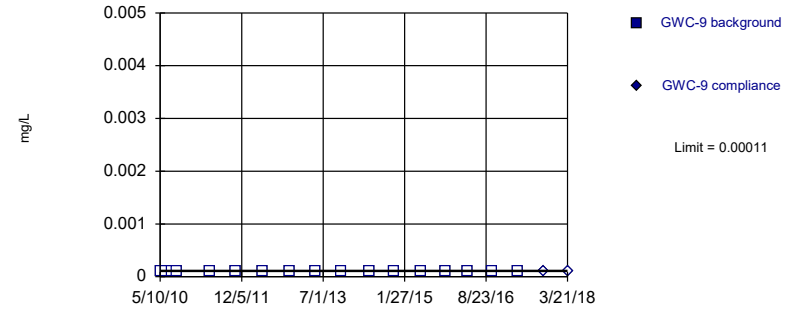
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

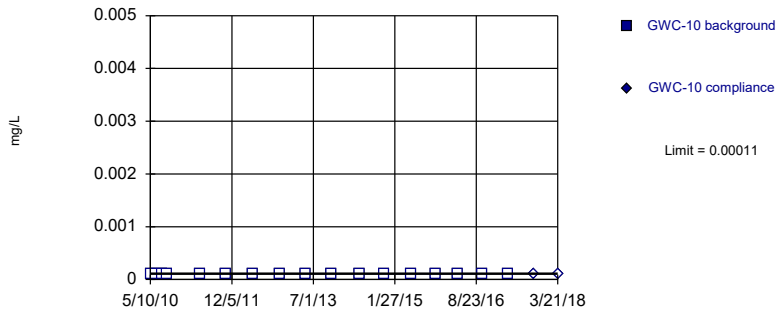
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

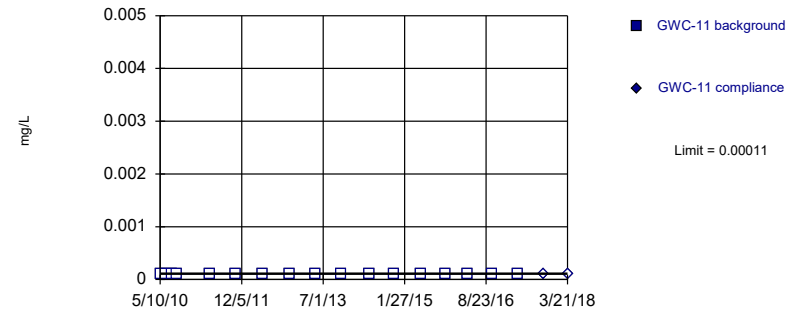
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

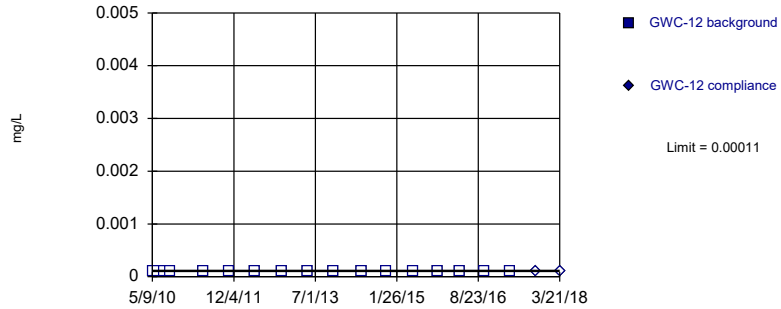


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:25 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

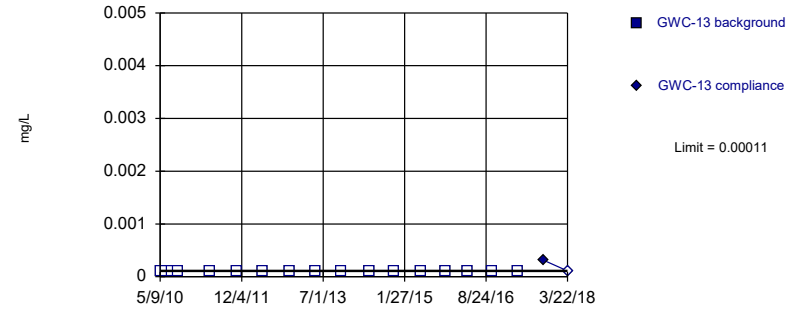


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

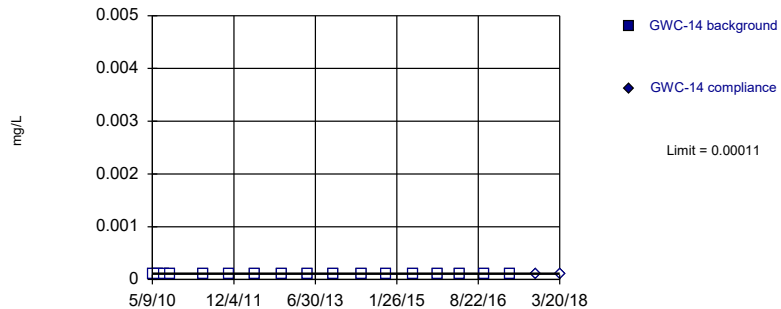


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

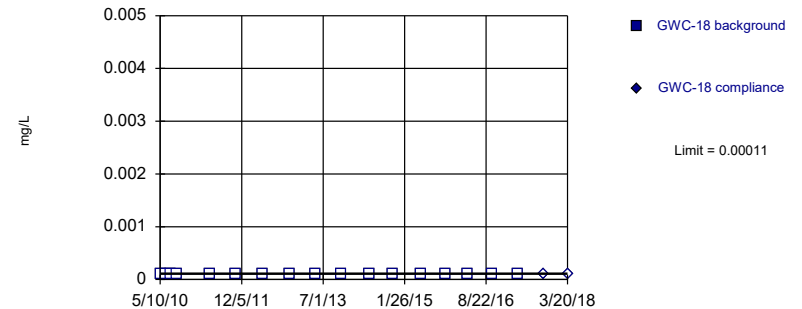


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

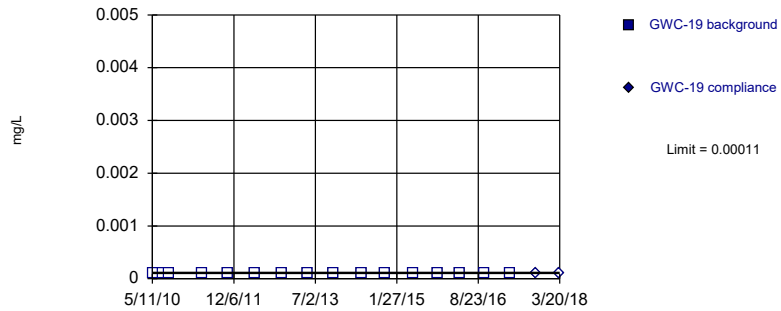


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

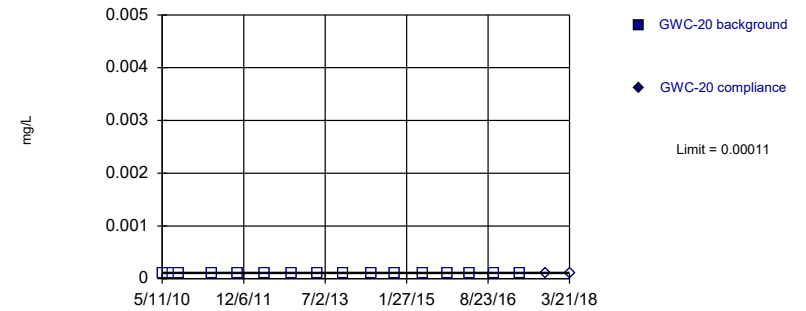


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

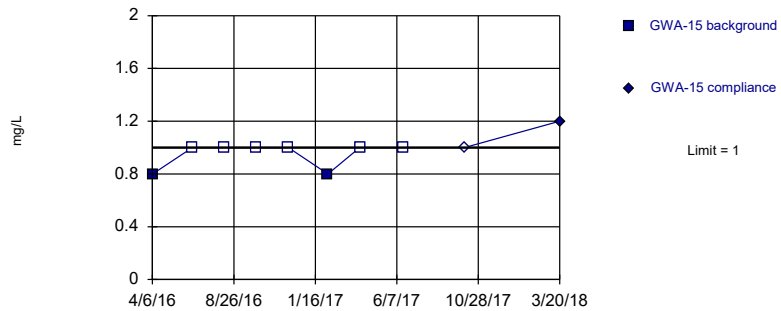


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Exceeds Limit Prediction Limit
Intrawell Non-parametric

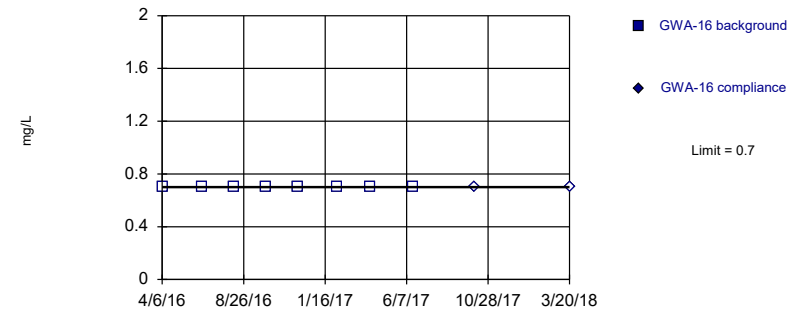


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

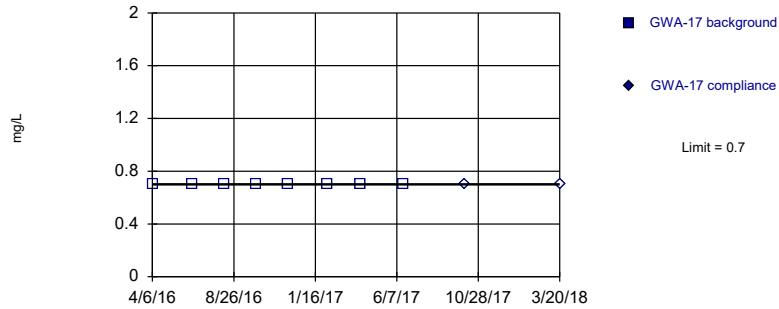


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

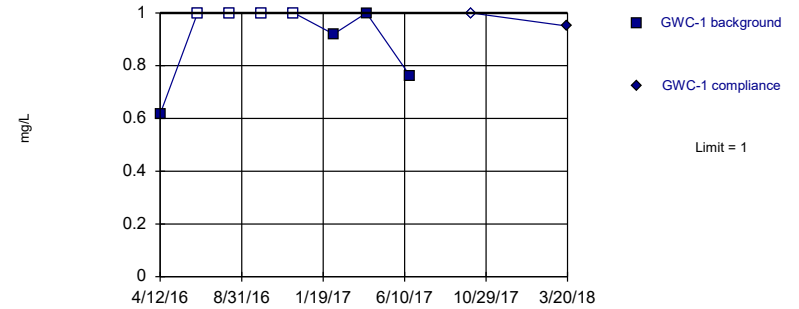


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

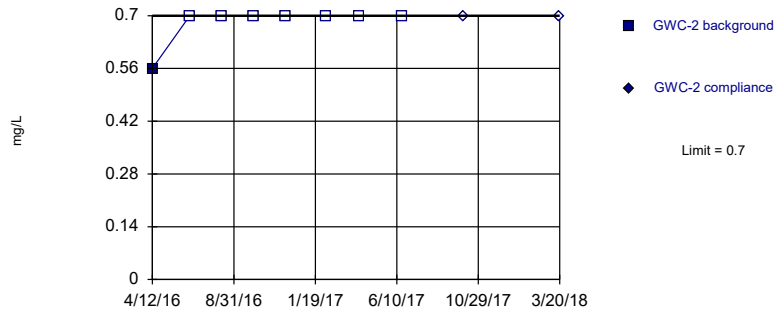


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. 50% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

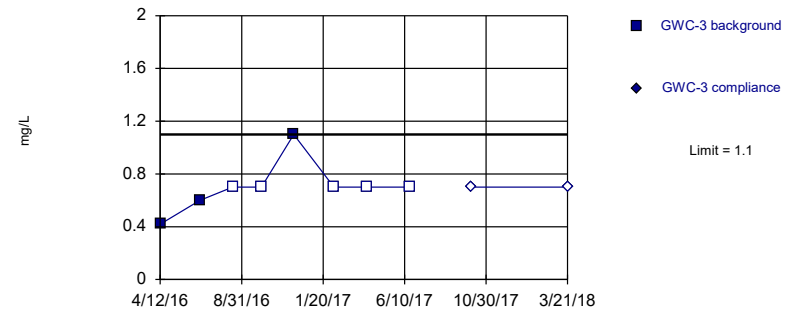


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

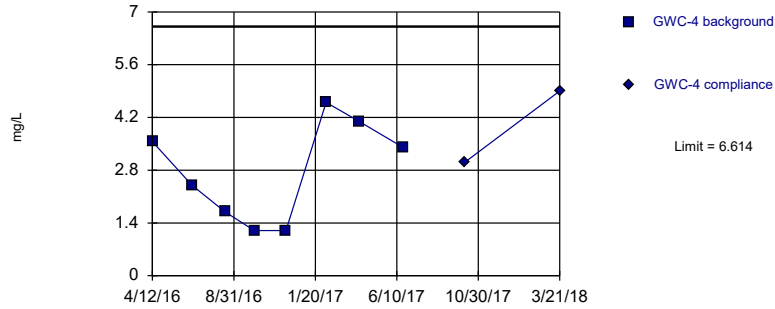


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

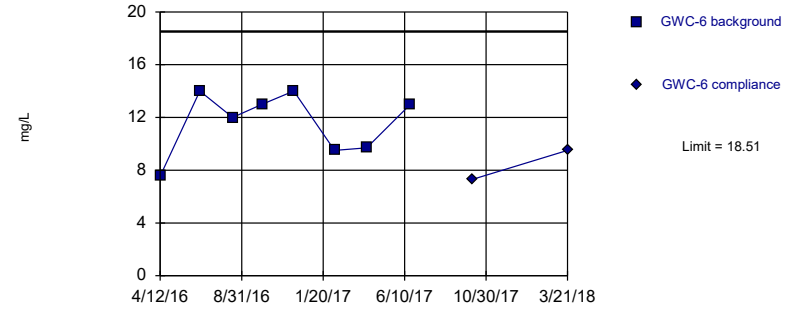


Background Data Summary: Mean=2.77, Std. Dev.=1.328, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9117, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

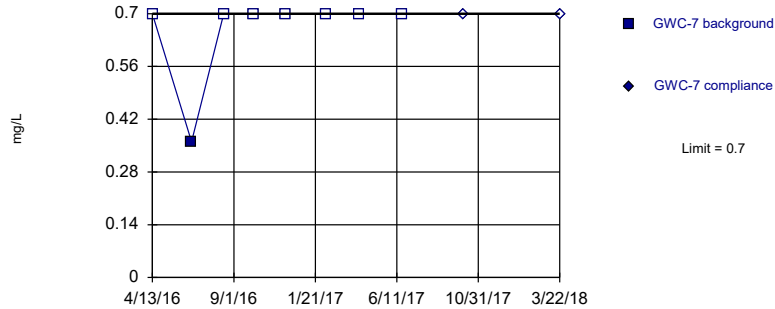


Background Data Summary: Mean=11.59, Std. Dev.=2.391, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8871, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

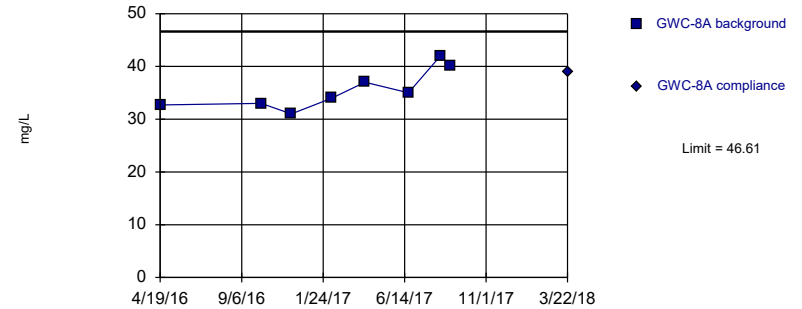


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

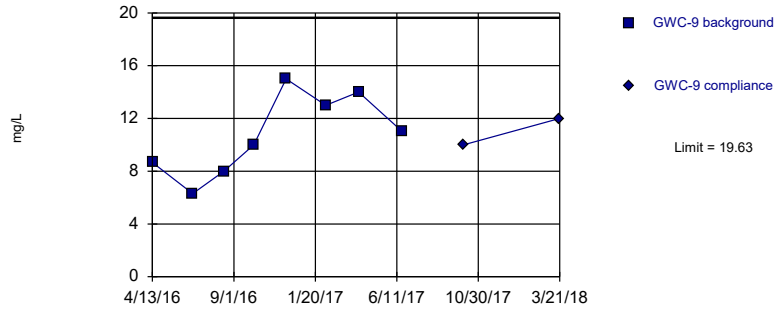


Background Data Summary: Mean=35.59, Std. Dev.=3.808, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9306, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

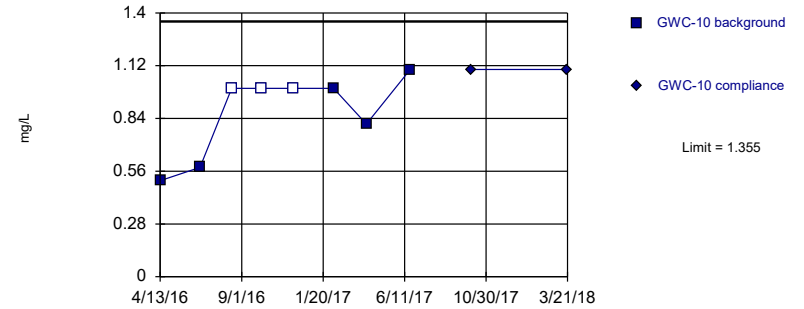


Background Data Summary: Mean=10.75, Std. Dev.=3.072, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9633, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

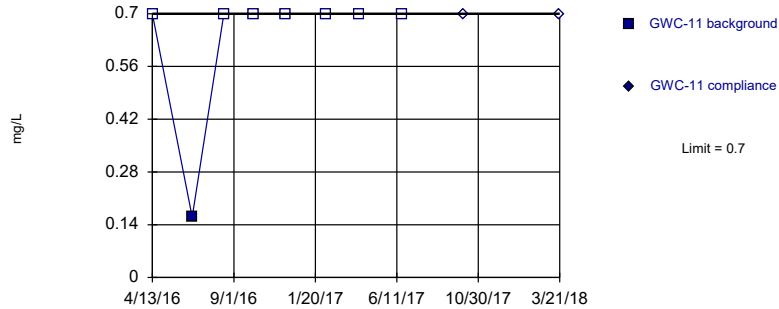


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.7375, Std. Dev.=0.2133, n=8, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8104, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

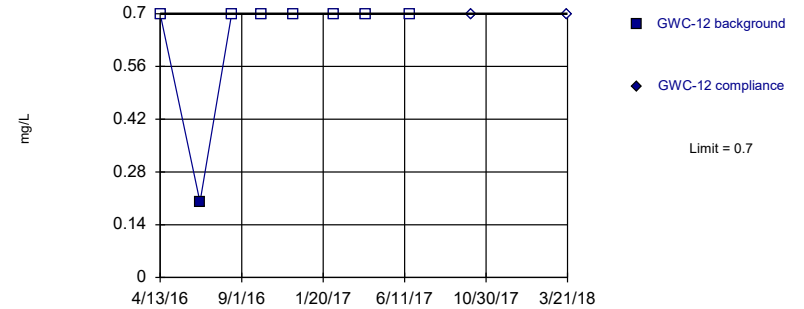


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



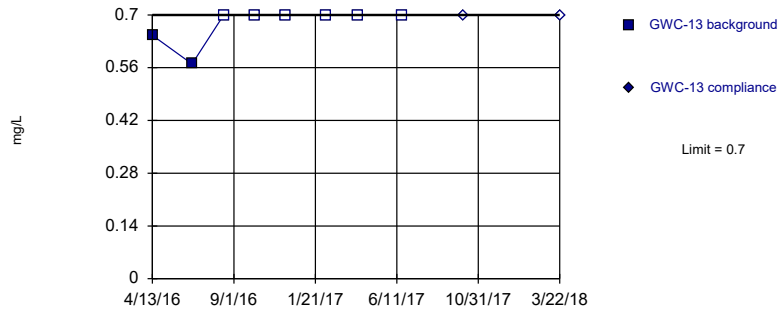
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



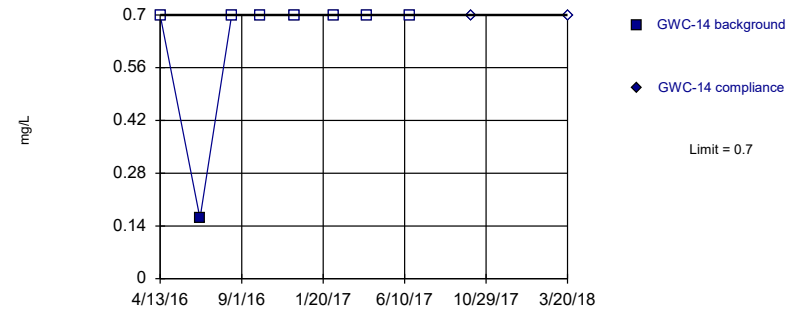
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



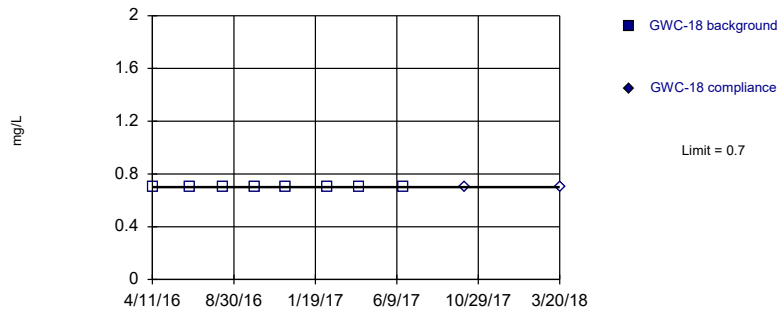
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



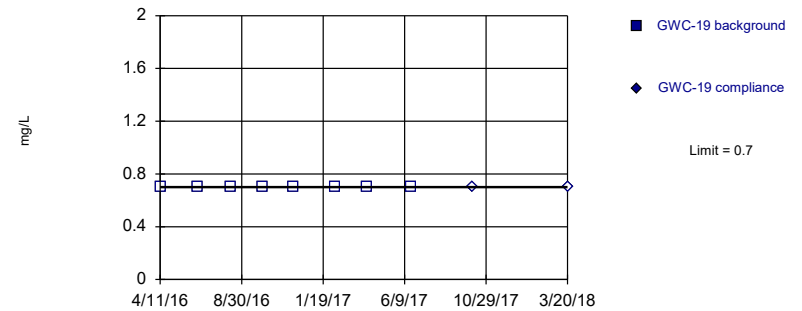
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

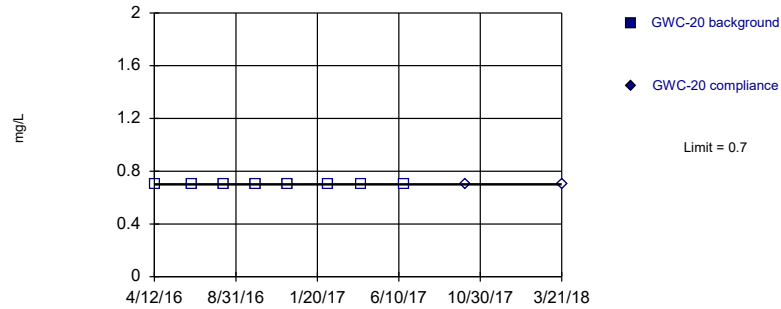
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

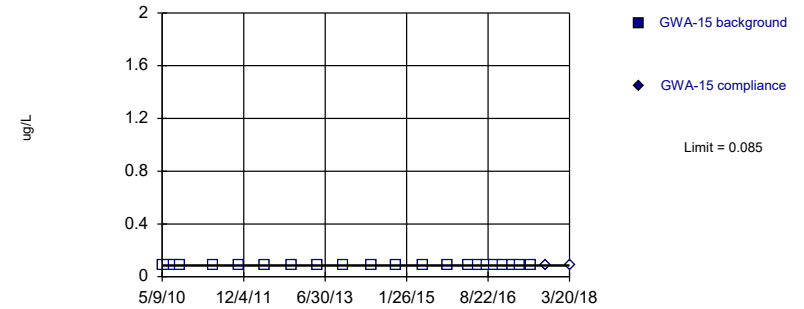
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

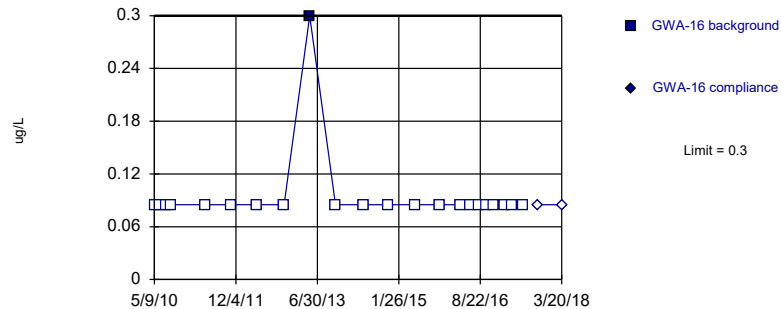
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

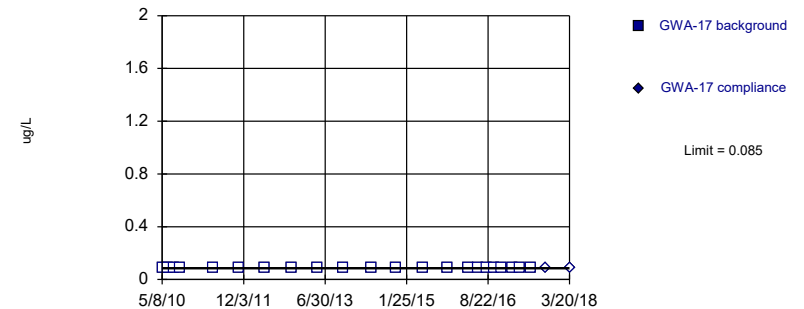
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

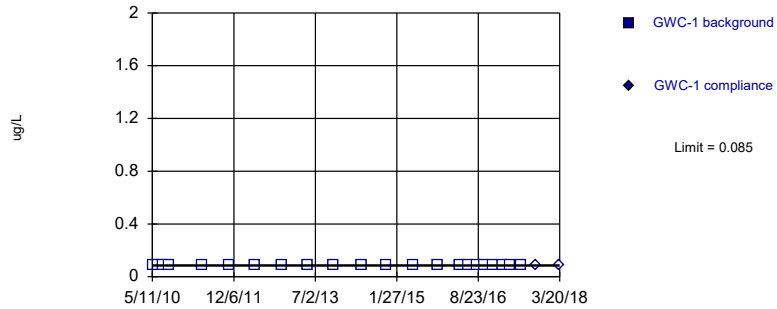
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

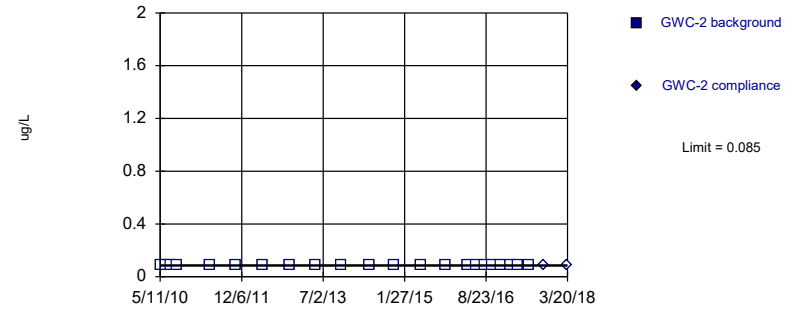
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

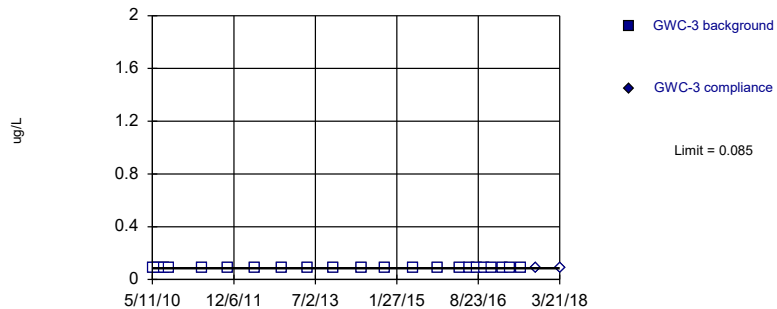
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

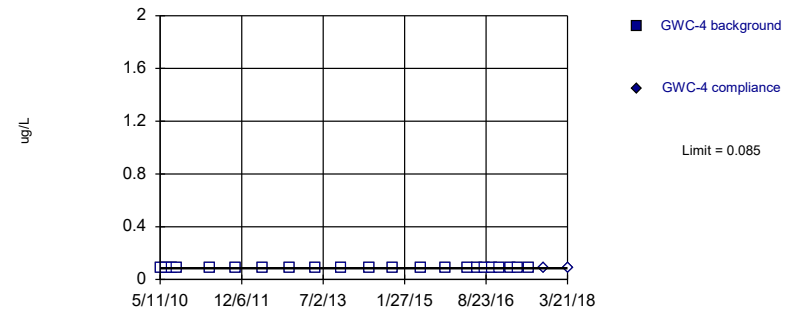
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

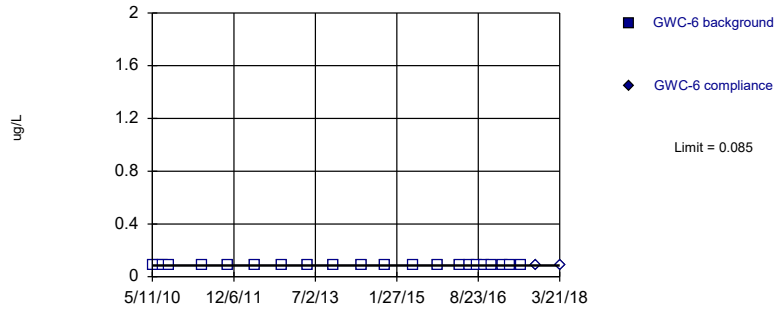


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

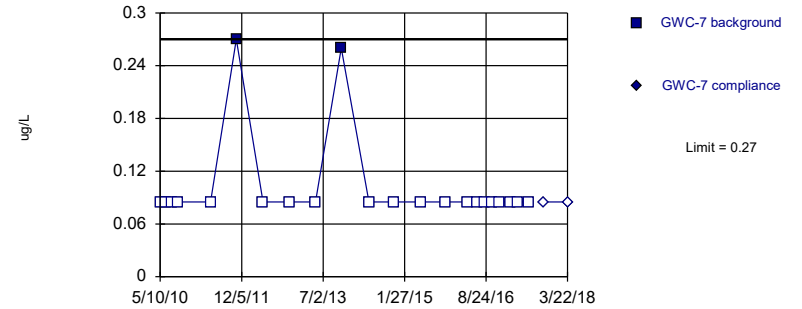


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

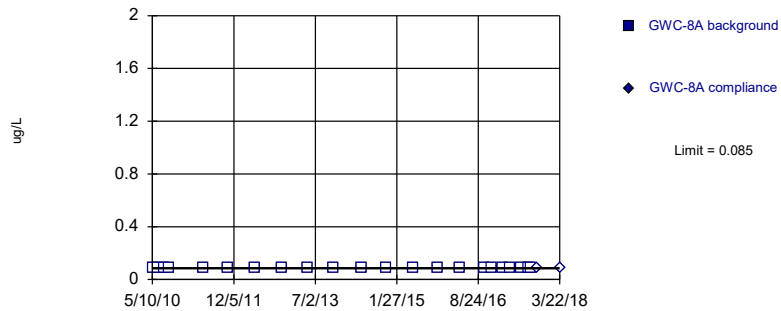


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

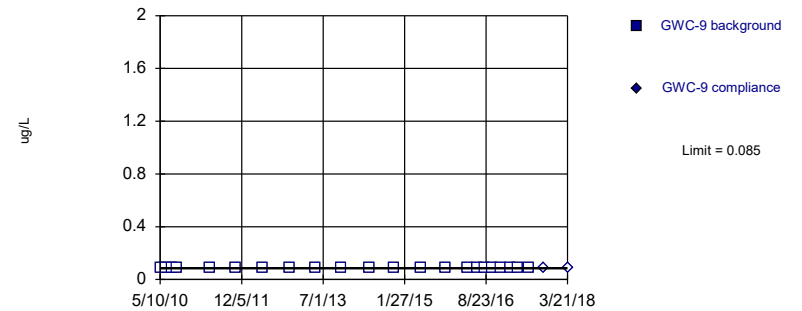


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

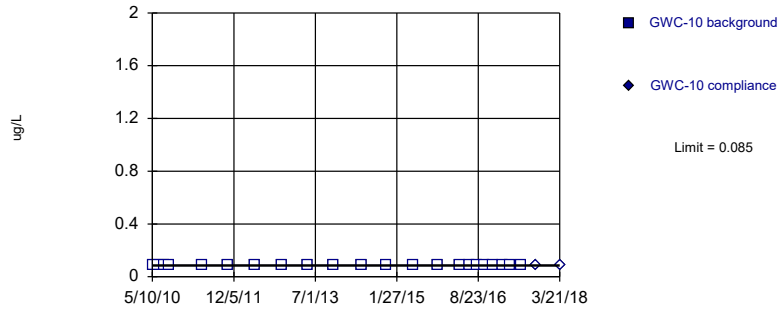
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

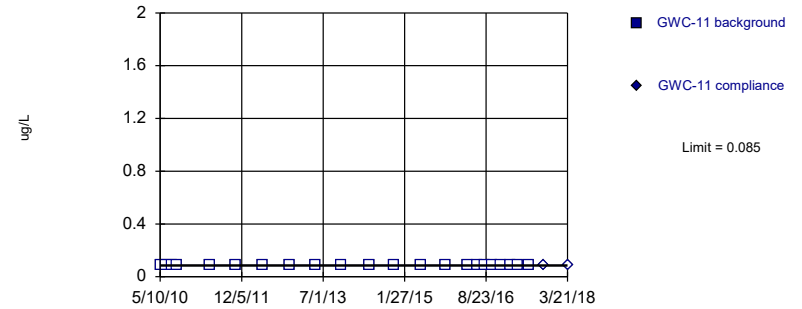
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
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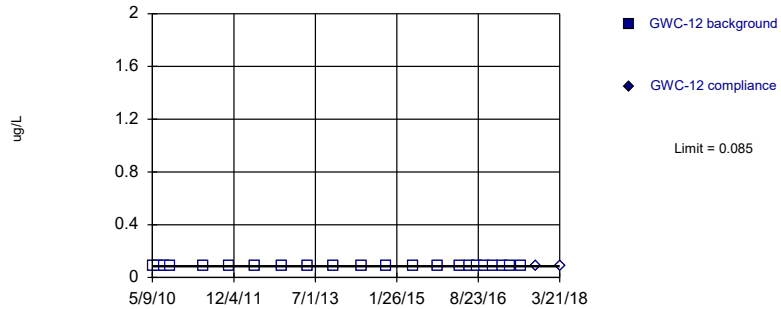
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

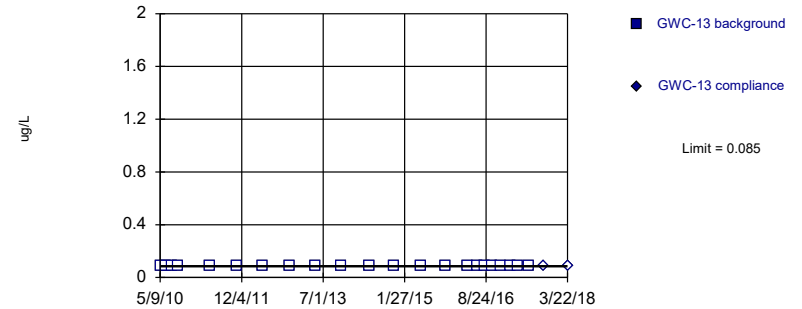
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

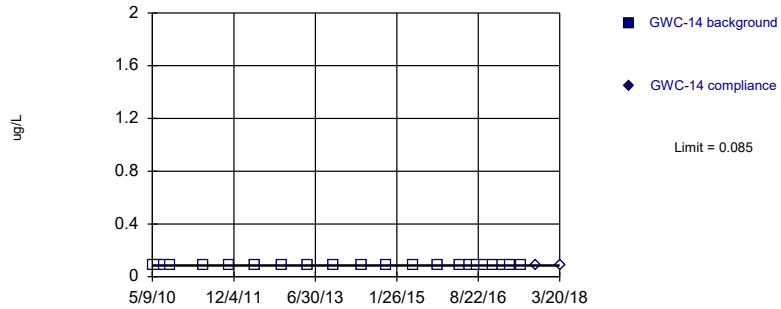
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

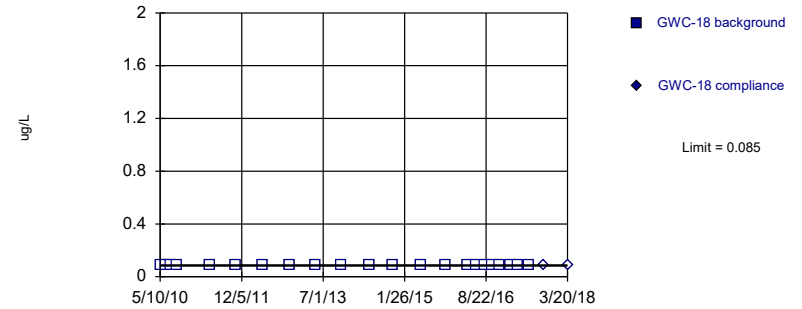
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

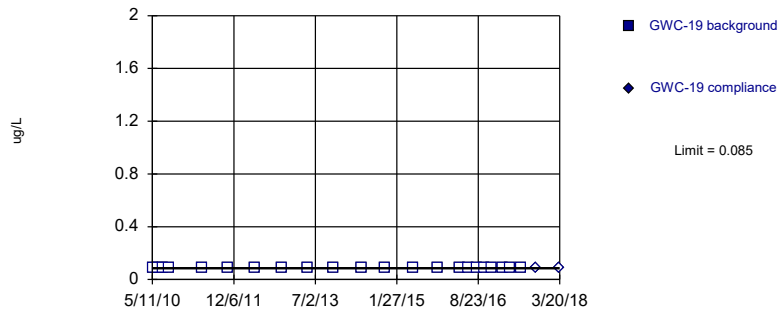
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

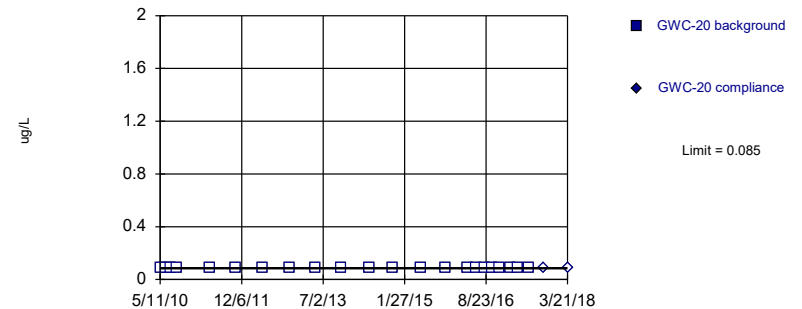
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

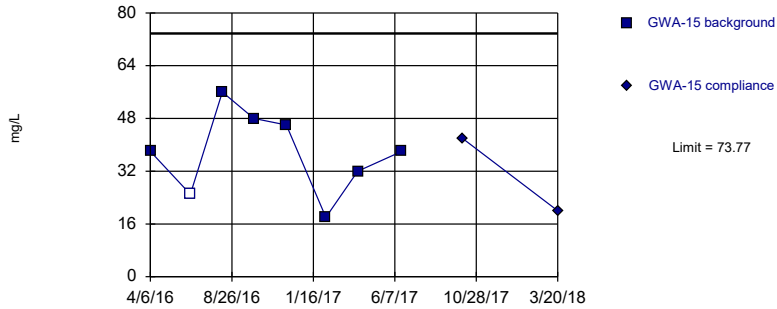
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

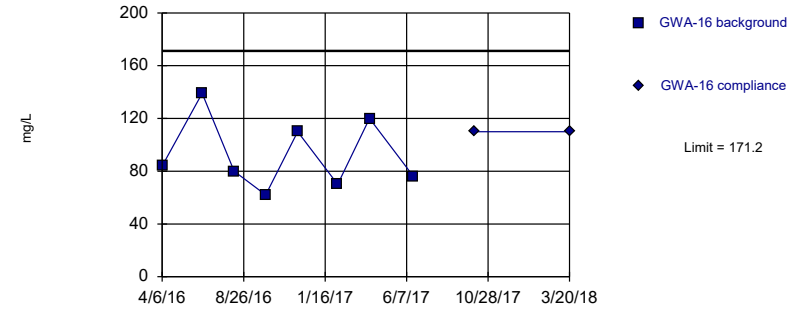
Within Limit Prediction Limit
 Intrawell Parametric



Background Data Summary: Mean=37.63, Std. Dev.=12.49, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9802, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

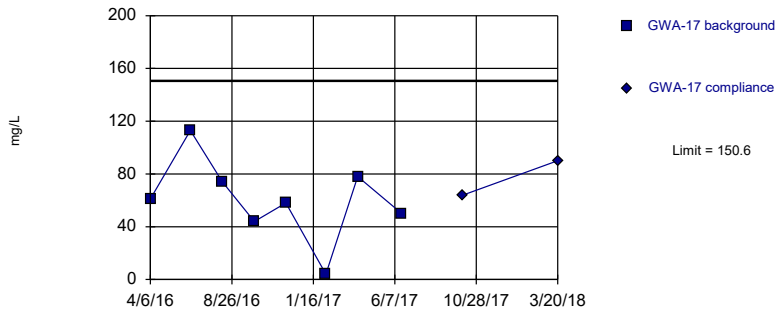
Within Limit Prediction Limit
 Intrawell Parametric



Background Data Summary: Mean=92.63, Std. Dev.=27.16, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9109, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

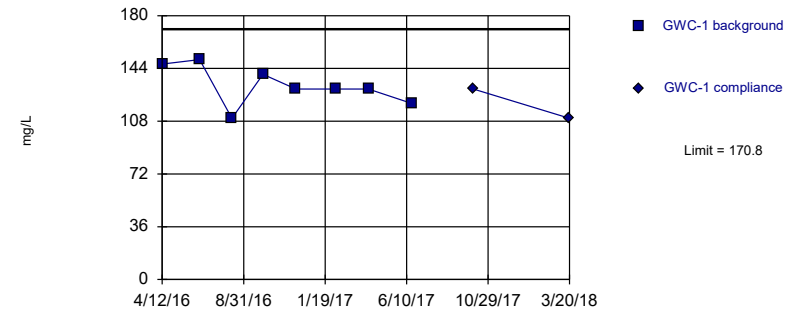
Within Limit Prediction Limit
 Intrawell Parametric



Background Data Summary: Mean=60.25, Std. Dev.=31.23, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9631, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

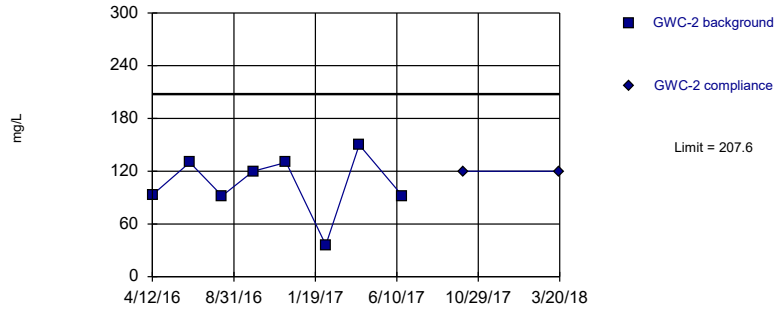
Within Limit Prediction Limit
 Intrawell Parametric



Background Data Summary: Mean=132.1, Std. Dev.=13.38, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9497, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

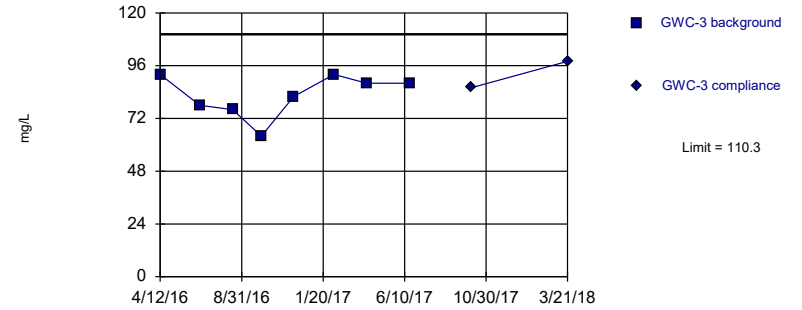
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=105.4, Std. Dev.=35.34, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9092, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

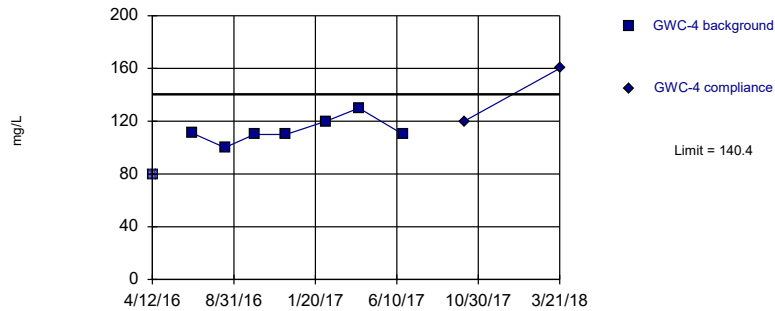
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=82.5, Std. Dev.=9.607, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8982, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

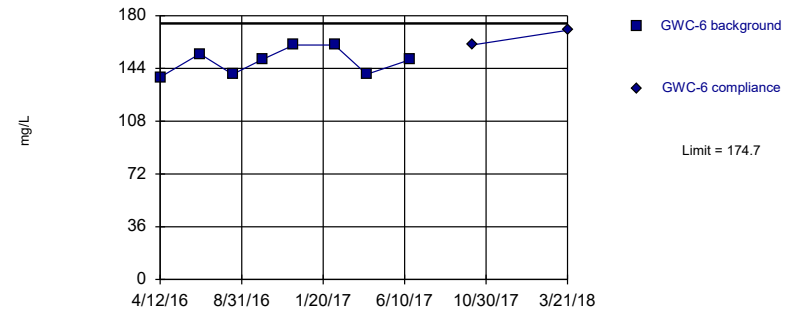
Exceeds Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=113, Std. Dev.=9.469, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.889, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

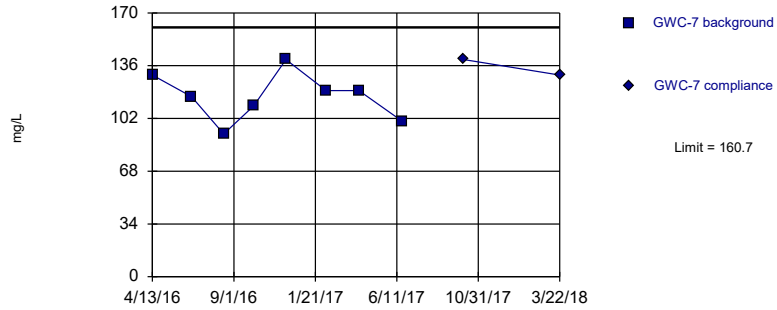
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=149, Std. Dev.=8.88, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8834, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

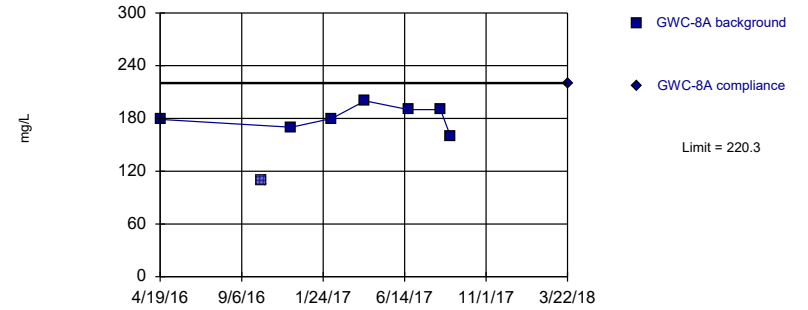
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=116, Std. Dev.=15.46, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9814, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

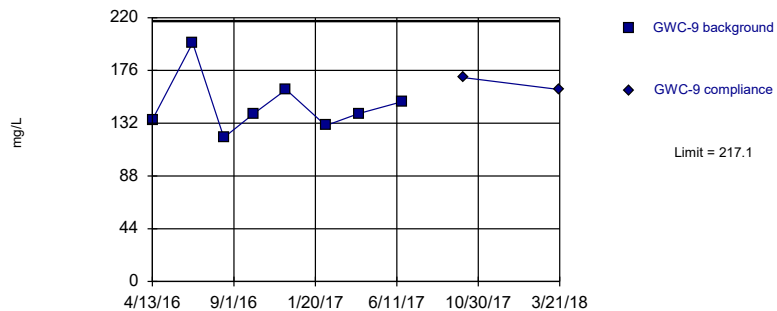
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=181.3, Std. Dev.=13.47, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9716, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

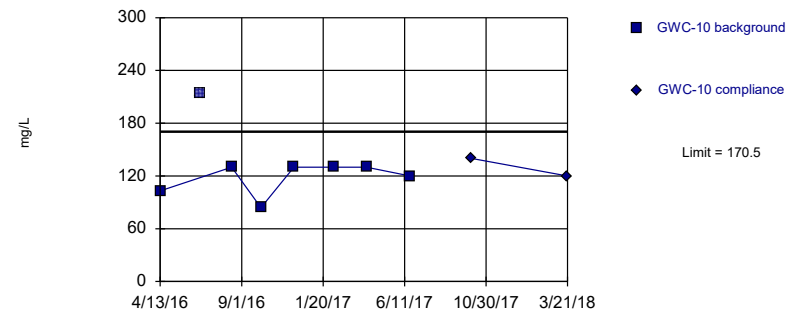
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=146.8, Std. Dev.=24.32, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8669, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

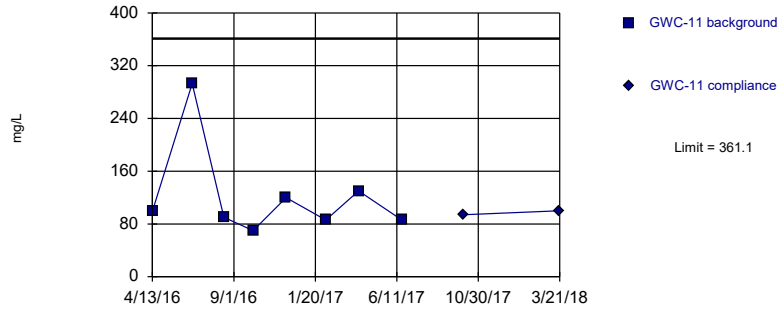
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=118.1, Std. Dev.=18.08, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7464, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

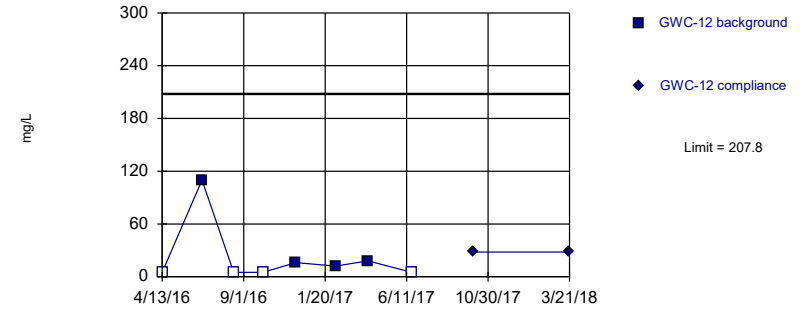
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=4.837, Std. Dev.=0.7892, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7682, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

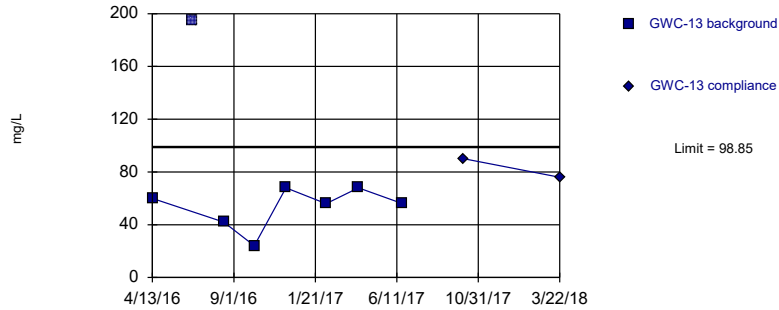
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=2.411, Std. Dev.=1.011, n=8, 50% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7814, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

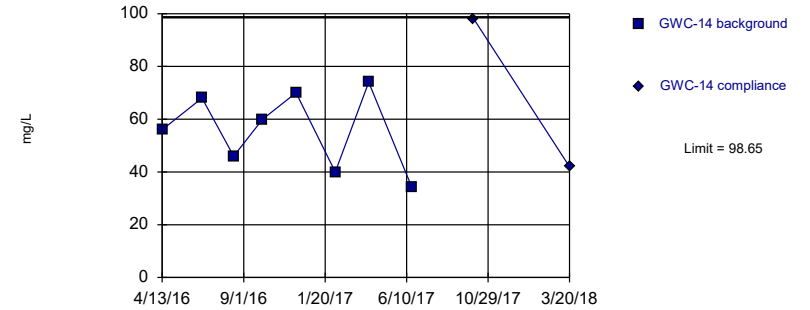
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=53.43, Std. Dev.=15.69, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8705, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

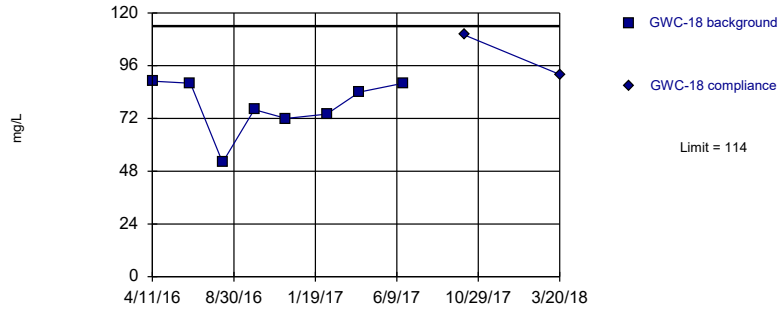
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=56, Std. Dev.=14.74, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.938, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

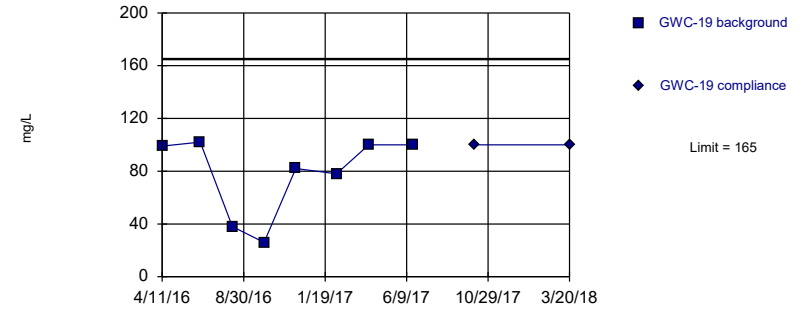
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=77.88, Std. Dev.=12.47, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8456, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

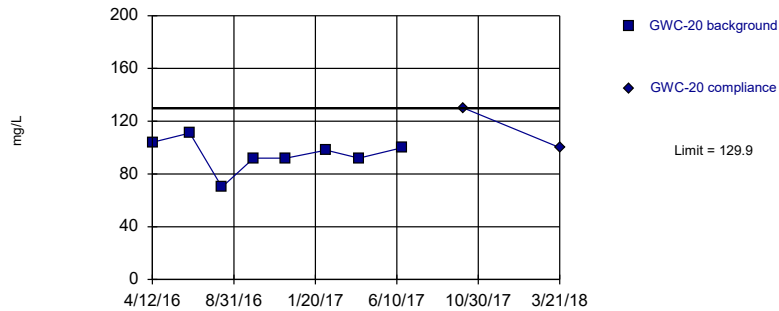
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=78.13, Std. Dev.=30.01, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7861, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

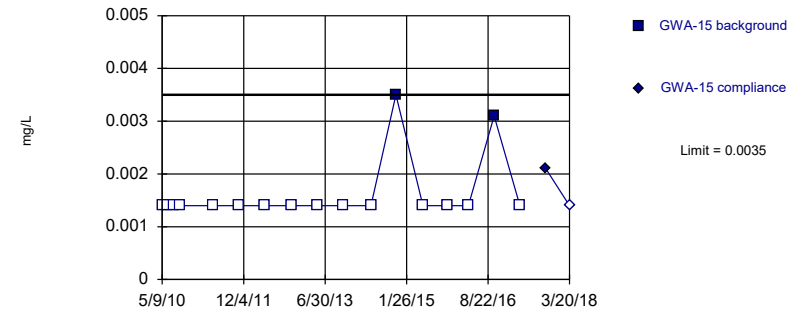
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=94.88, Std. Dev.=12.09, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric



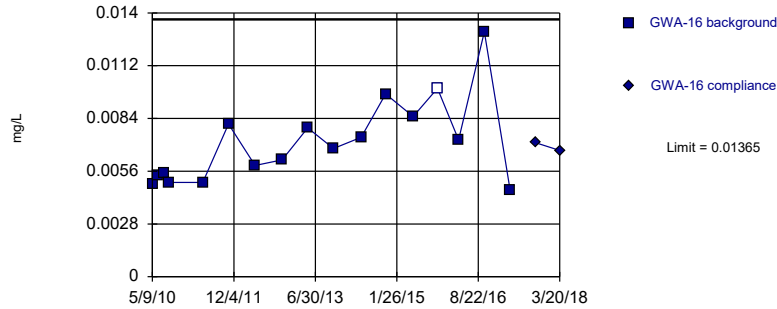
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



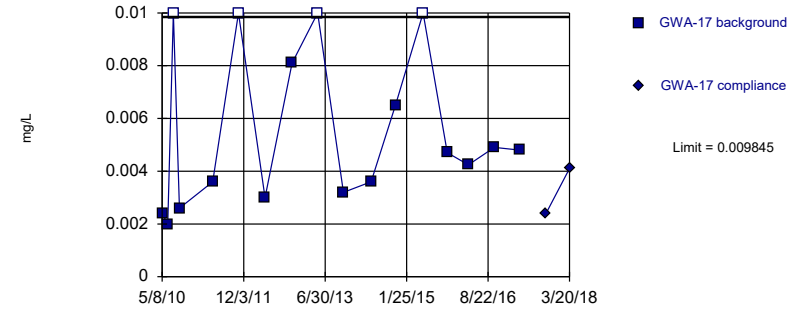
Background Data Summary: Mean=0.007127, Std. Dev.=0.002255, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8996, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



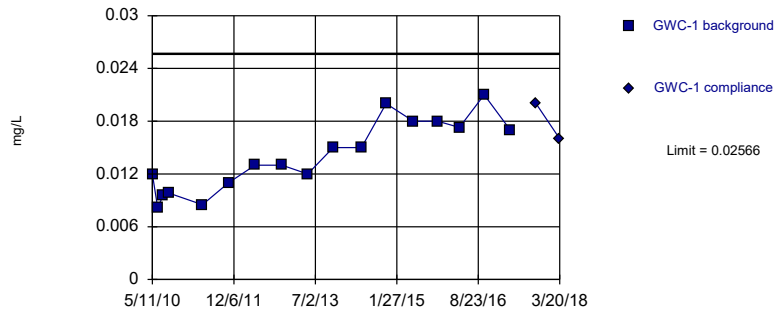
Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.06237, Std. Dev.=0.01273, n=17, 23.53% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8881, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG

Within Limit

Prediction Limit
Intrawell Parametric



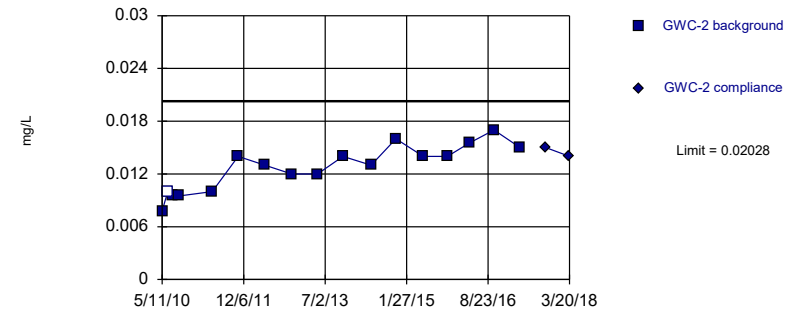
Background Data Summary: Mean=0.01402, Std. Dev.=0.004022, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9514, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG

Within Limit

Prediction Limit
Intrawell Parametric



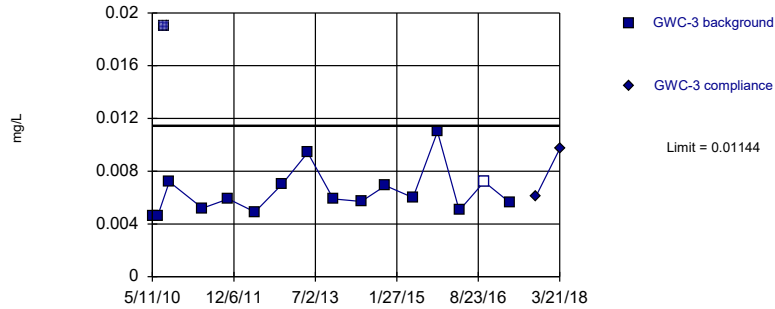
Background Data Summary: Mean=0.01273, Std. Dev.=0.002608, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9563, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



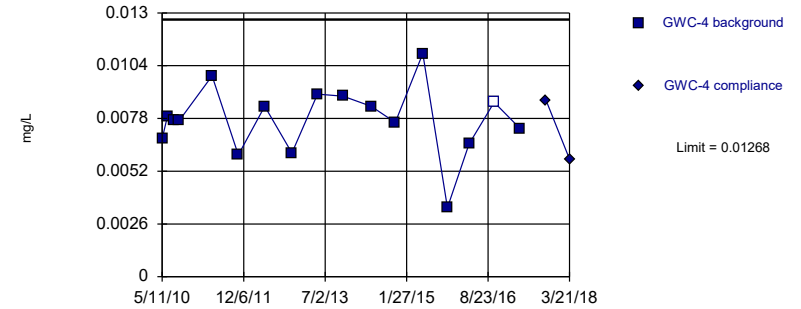
Background Data Summary: Mean=0.006383, Std. Dev.=0.001749, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8444, critical = 0.844. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



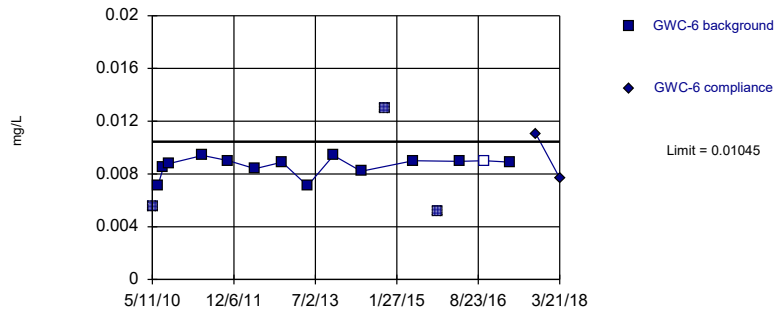
Background Data Summary: Mean=0.00772, Std. Dev.=0.001713, n=17, 5.88% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9617, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



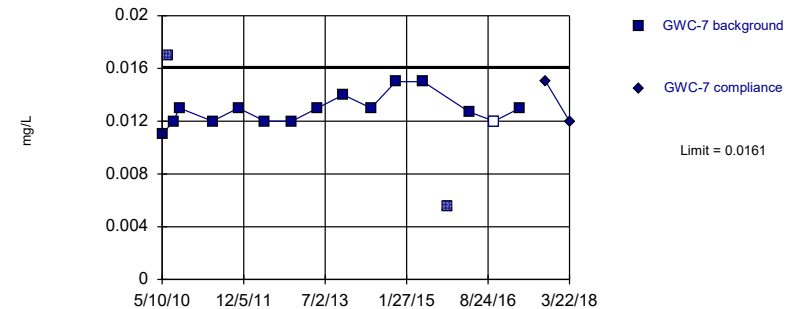
Background Data Summary (based on square transformation): Mean=0.00007477, Std. Dev.=0.00001187, n=14, 7.143% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8343, critical = 0.825. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

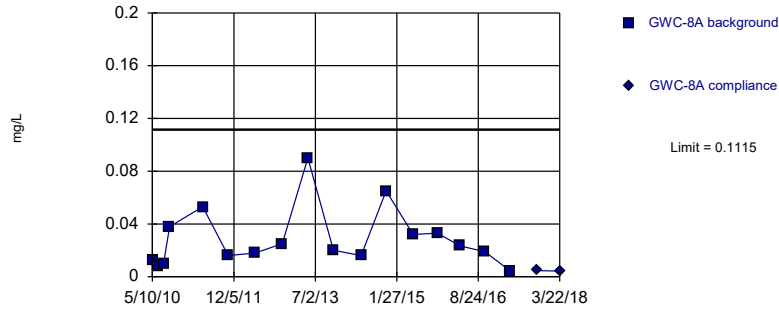
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01285, Std. Dev.=0.001126, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8908, critical = 0.835. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

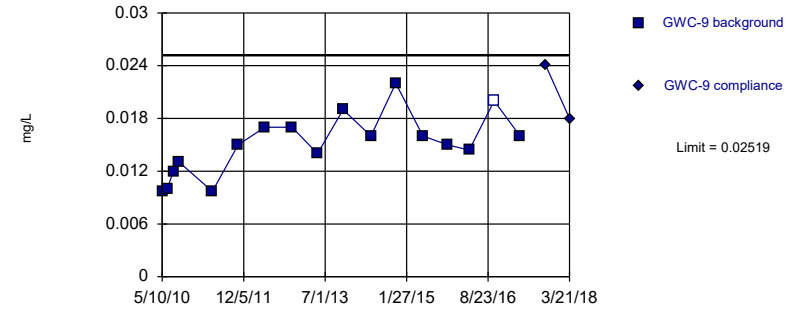
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.1579, Std. Dev.=0.06083, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9474, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

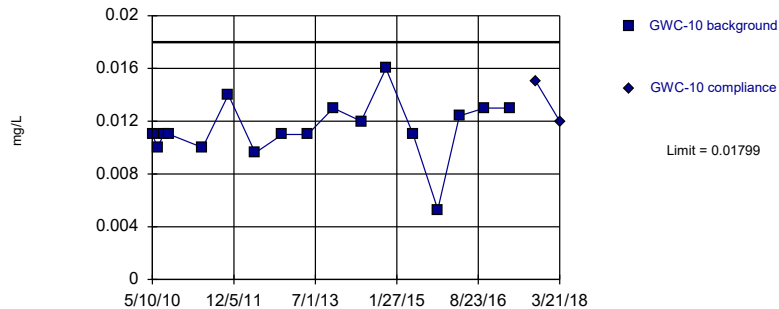
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01505, Std. Dev.=0.003504, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9615, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

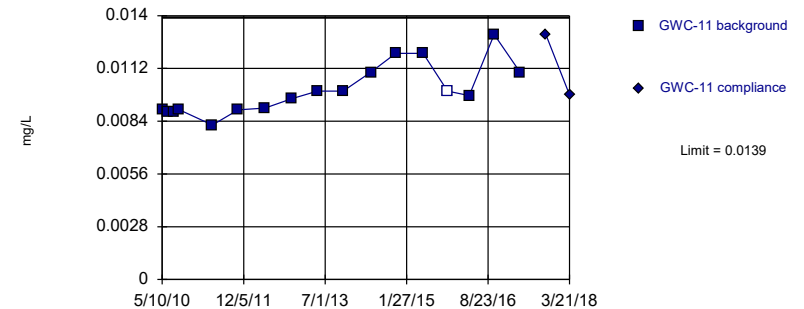
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01143, Std. Dev.=0.002268, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9088, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Parametric

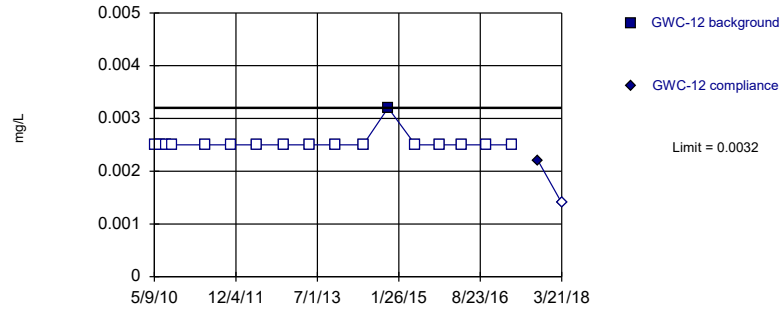


Background Data Summary: Mean=0.01003, Std. Dev.=0.001339, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8998, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

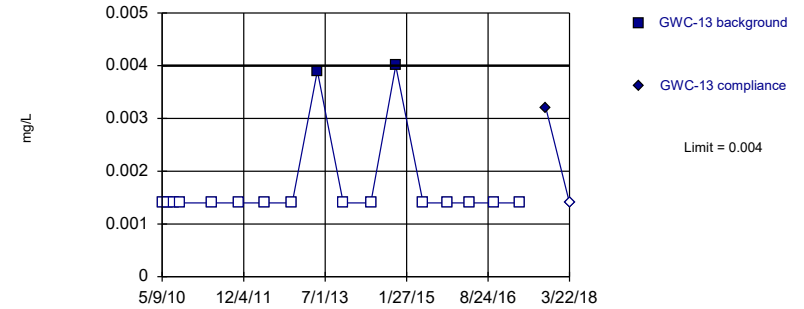


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

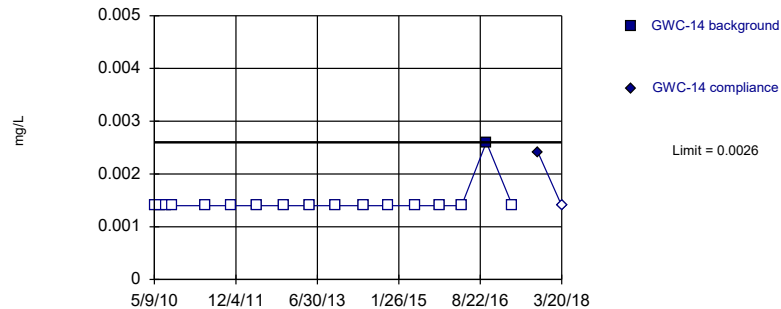


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

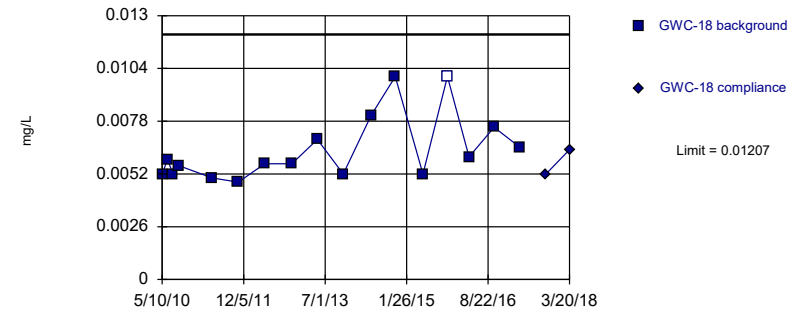


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

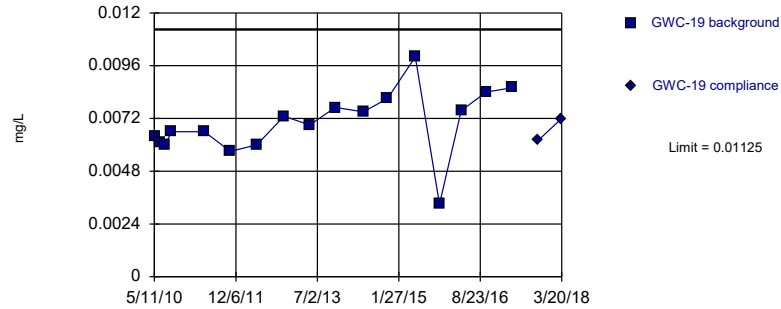


Background Data Summary (based on natural log transformation): Mean=-5.08, Std. Dev.=0.2293, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8616, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

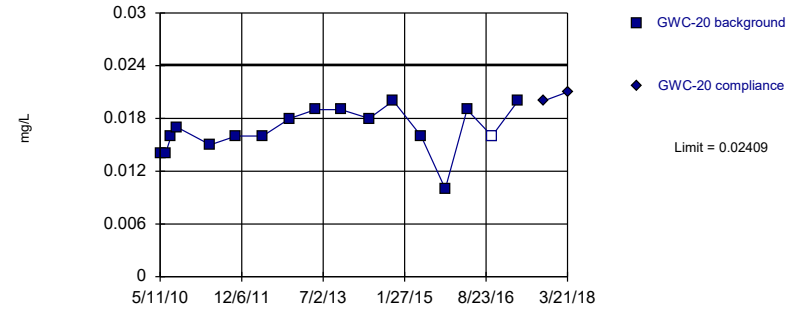


Background Data Summary: Mean=0.006986, Std. Dev.=0.001474, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9573, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

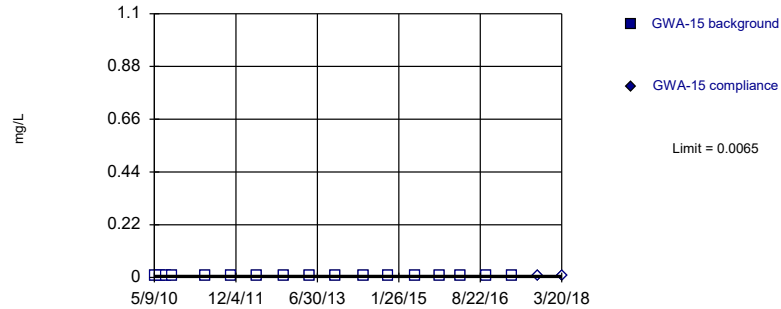


Background Data Summary: Mean=0.01665, Std. Dev.=0.002572, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9176, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

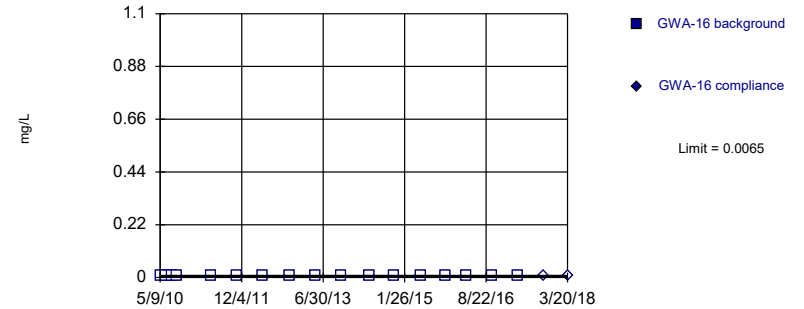


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

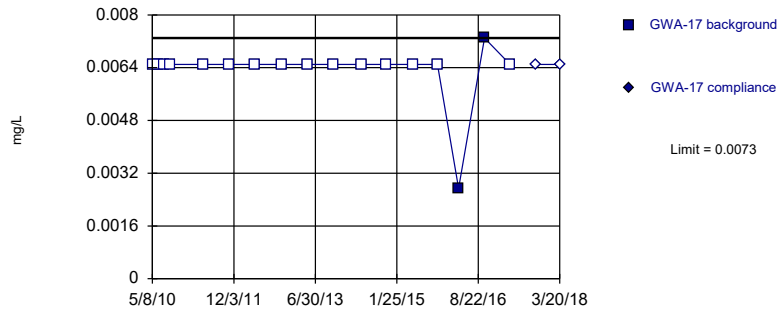


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

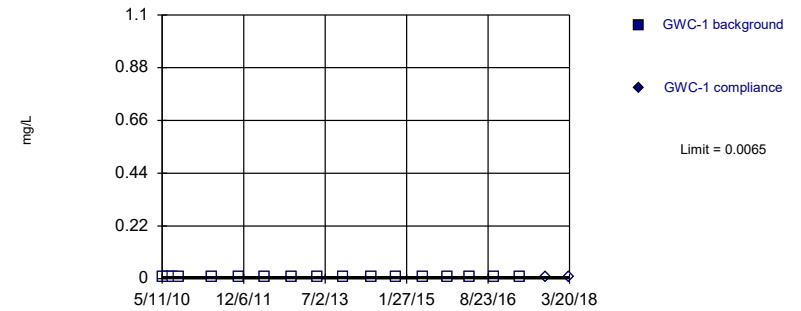


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

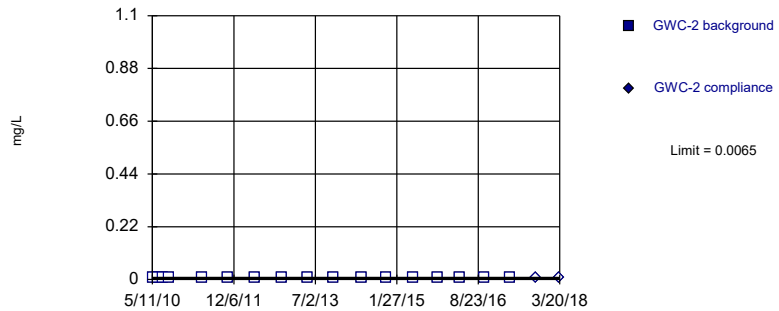


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

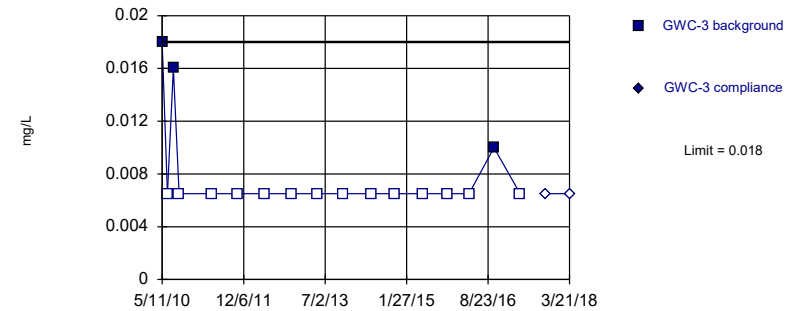


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

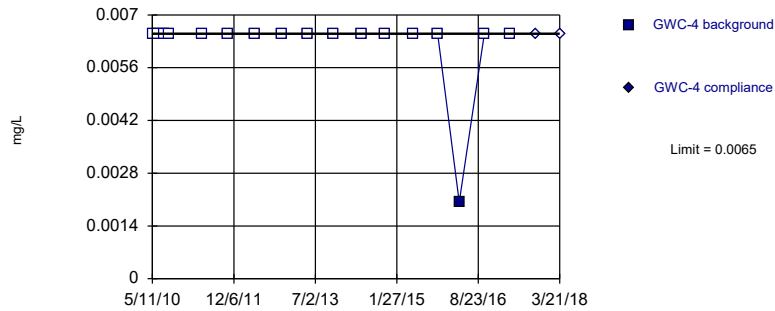


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

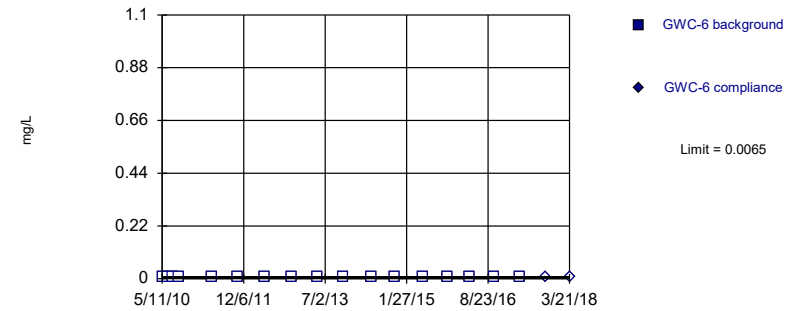


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

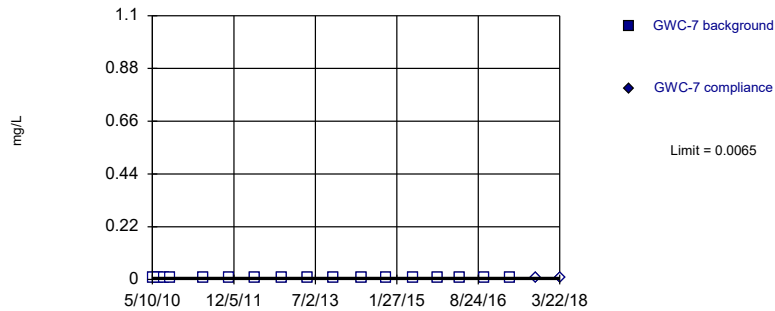


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

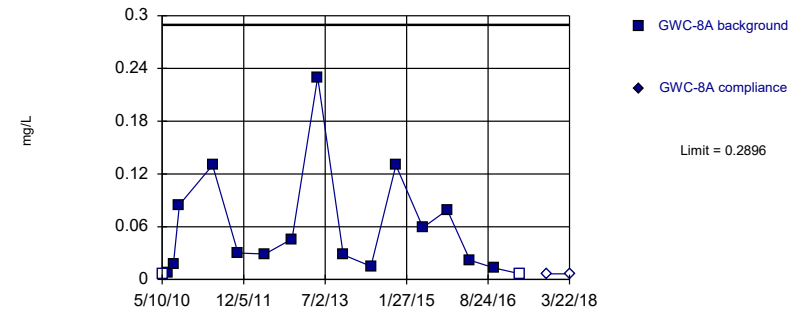


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

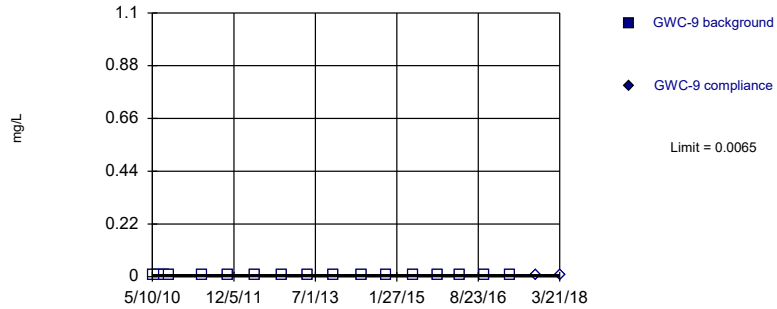
Prediction Limit
Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.2063, Std. Dev.=0.1146, n=17, 11.76% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.902, critical = 0.851. Kappa overridden to 2.894.

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

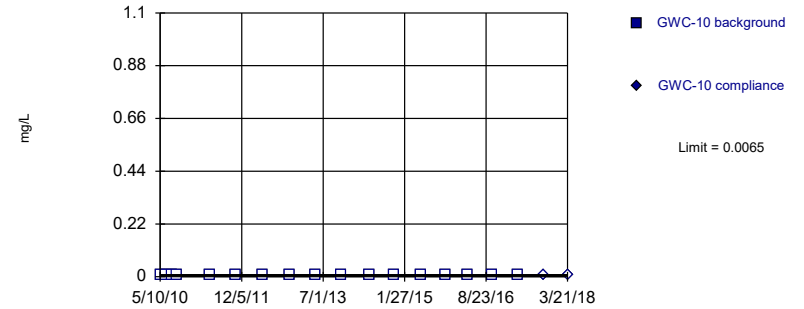
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

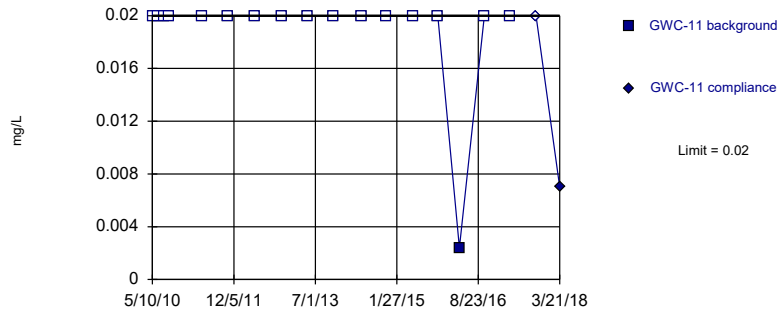
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

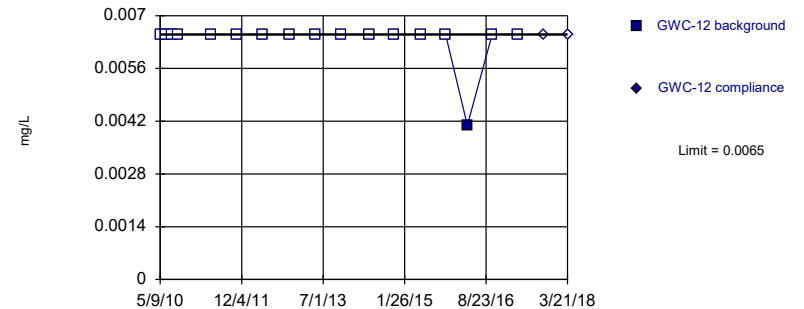
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric



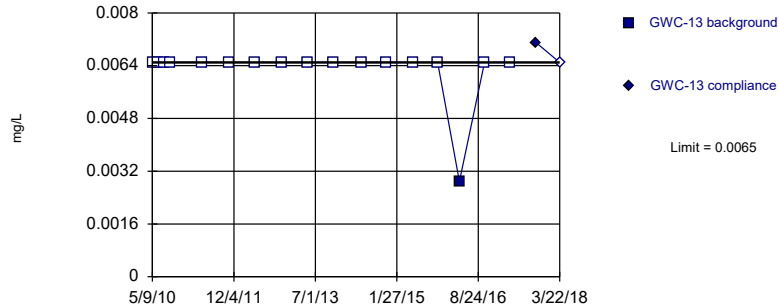
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



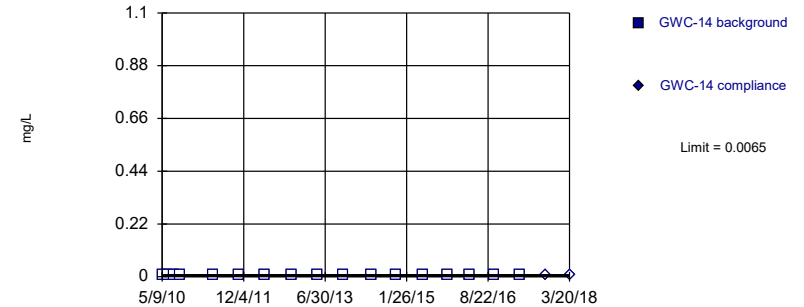
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



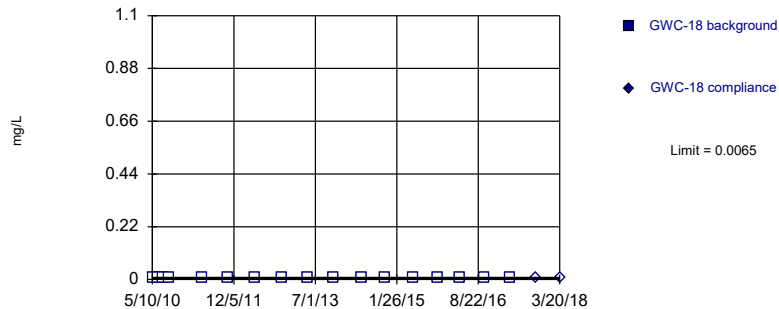
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



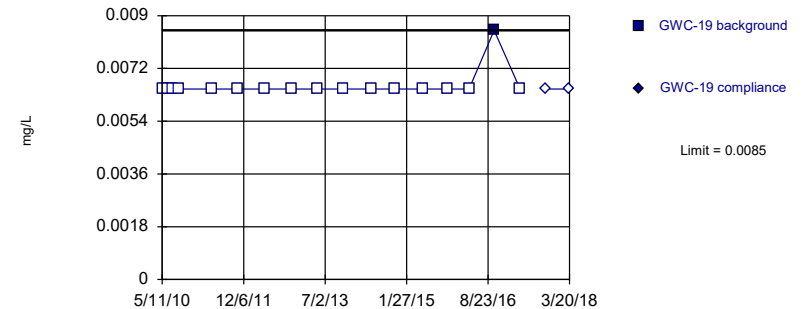
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

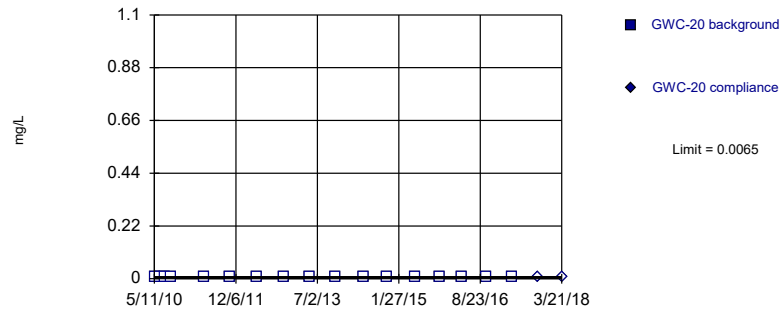


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

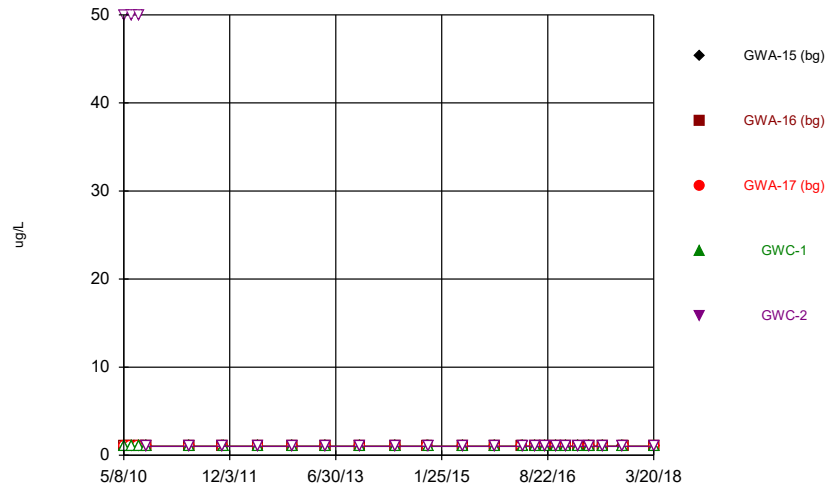
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

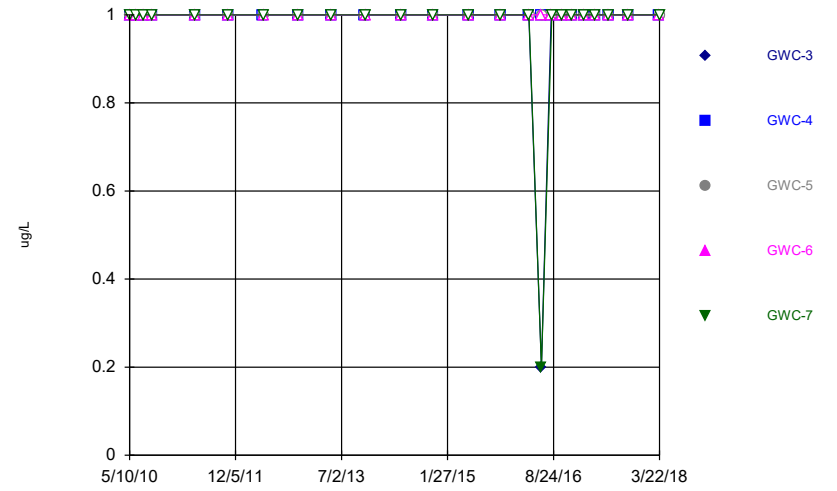
Constituent: Zinc Analysis Run 6/29/2018 12:27 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



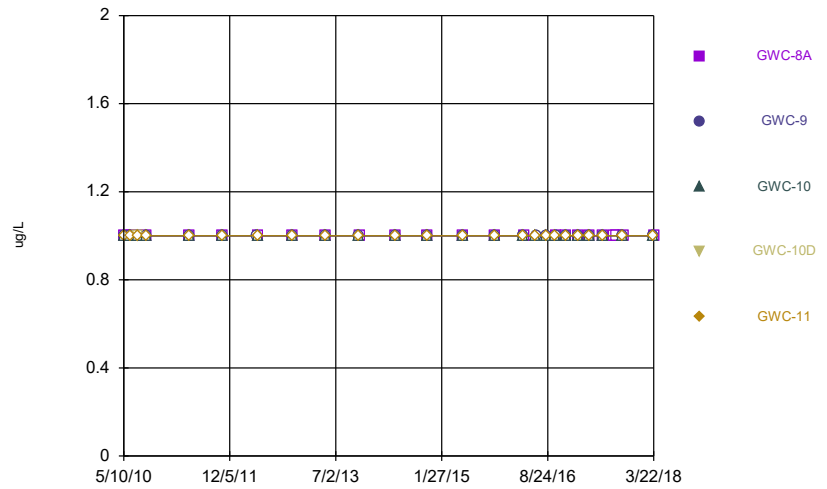
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



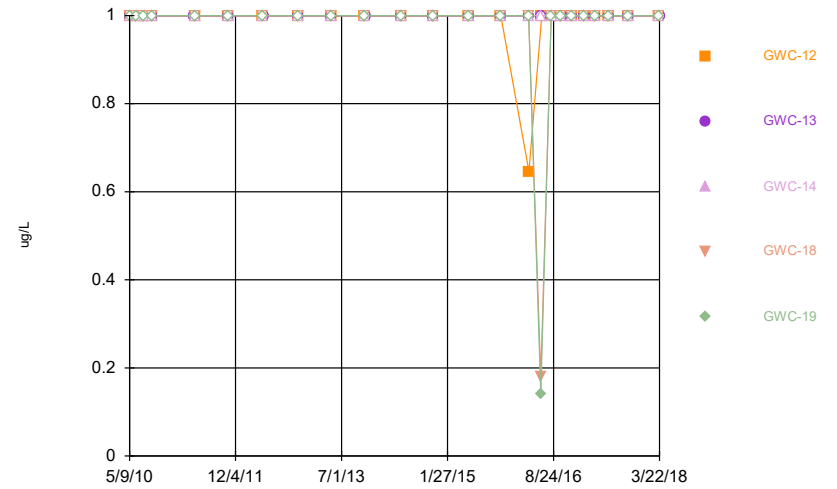
Constituent: Antimony, Total Analysis Run 6/29/2018 12:49 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



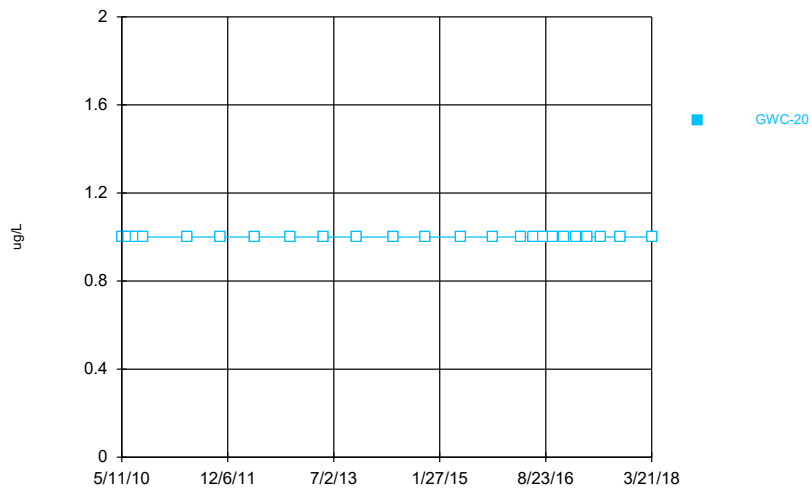
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Time Series



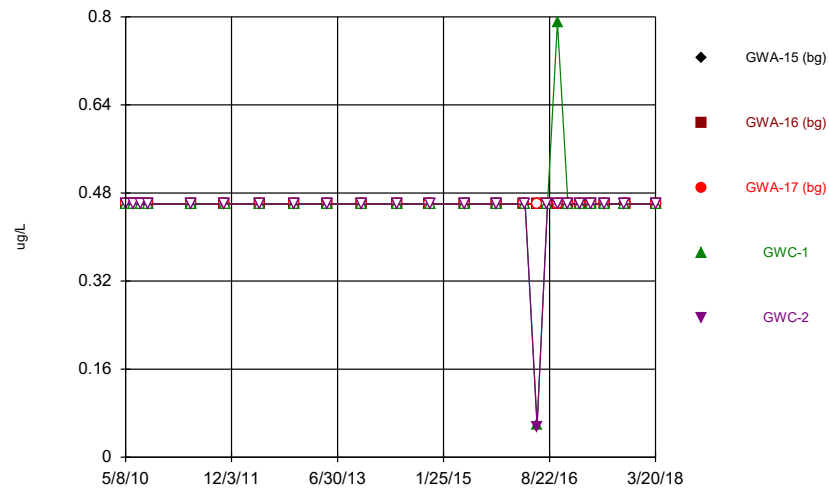
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Time Series



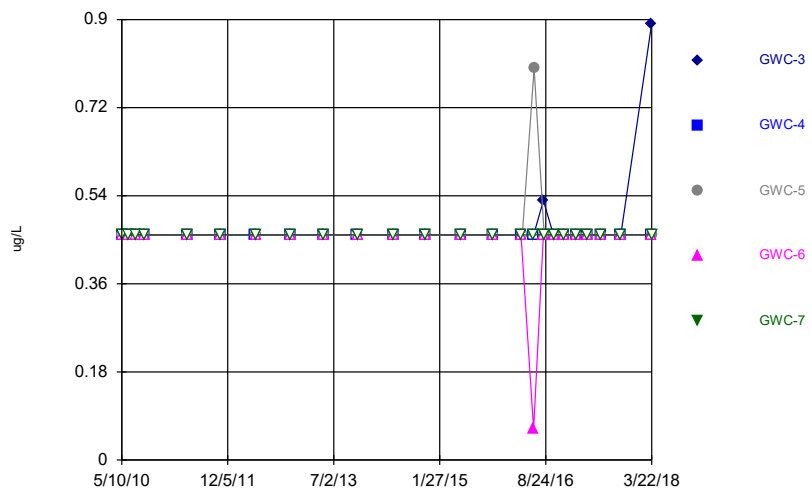
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Time Series



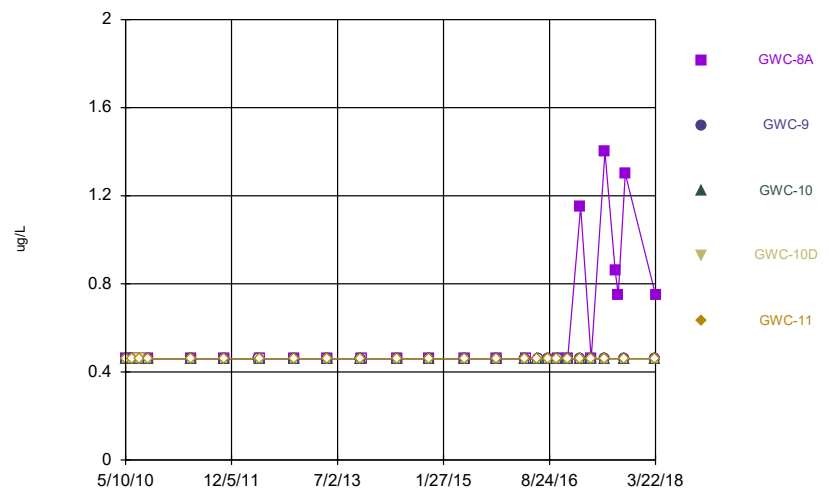
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Time Series



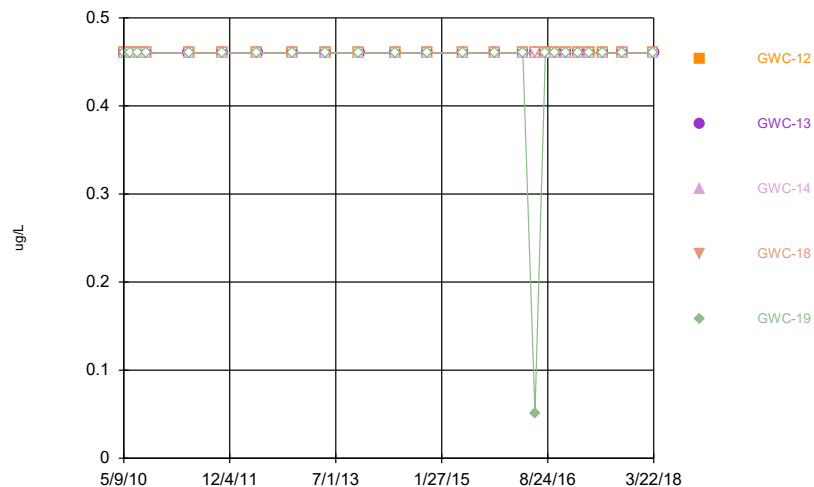
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Time Series



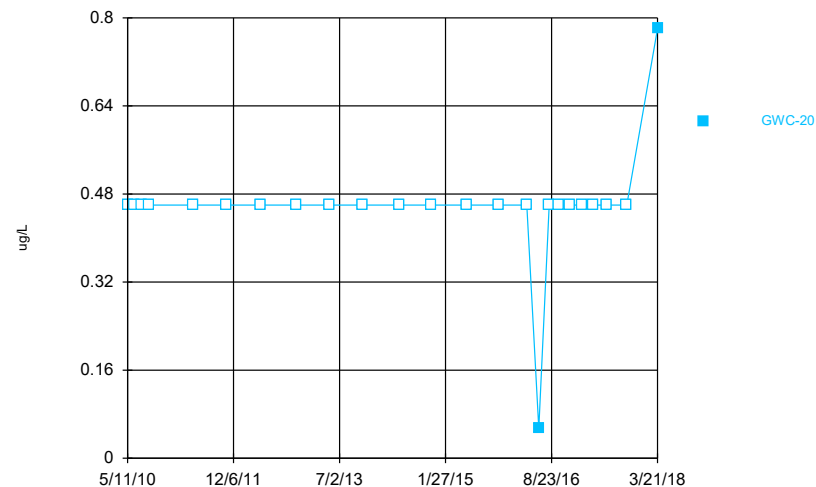
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Time Series



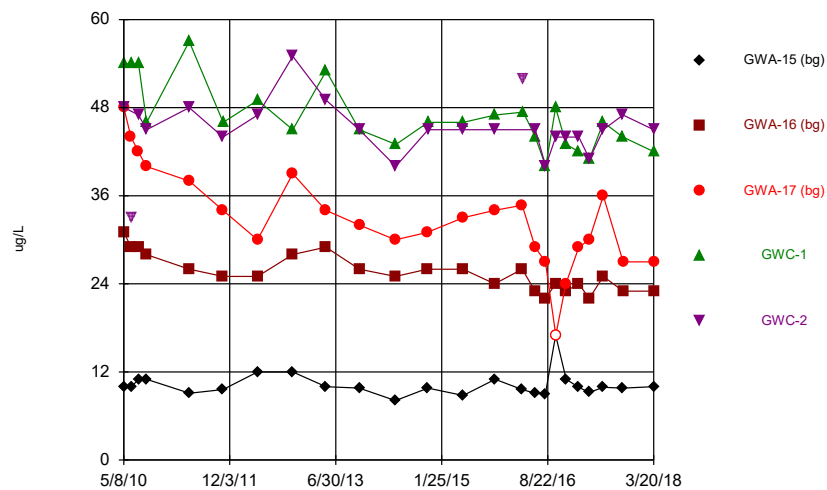
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Time Series



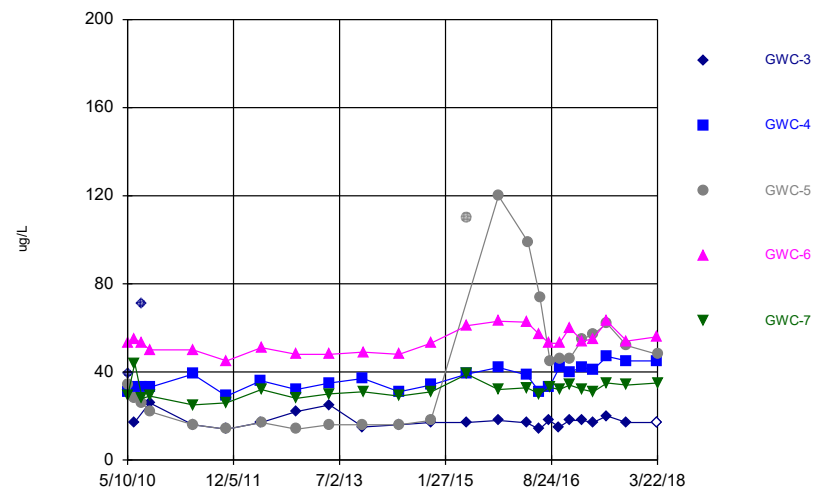
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Time Series



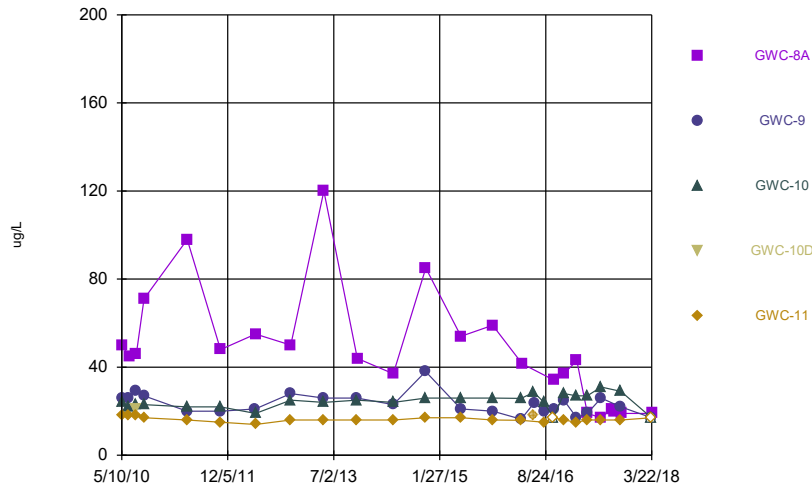
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Time Series



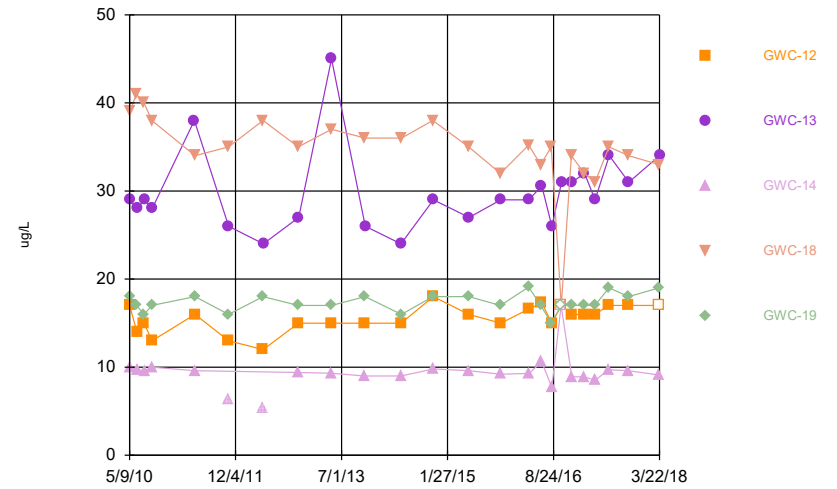
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Time Series



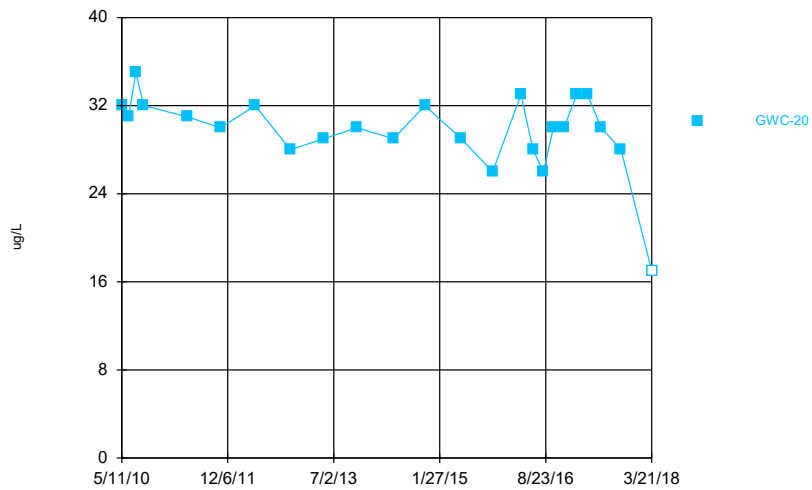
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Time Series



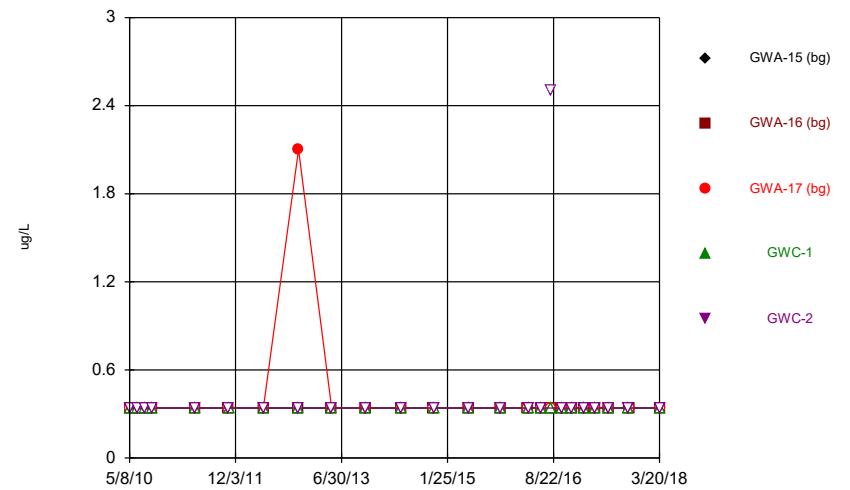
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Time Series



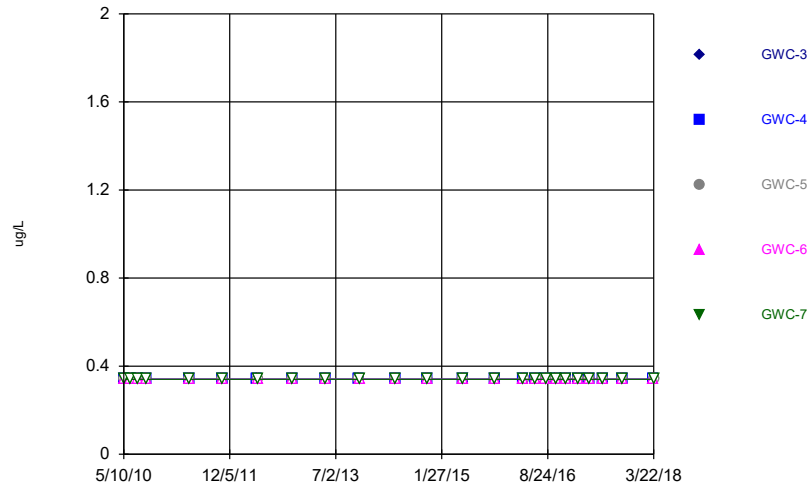
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Time Series



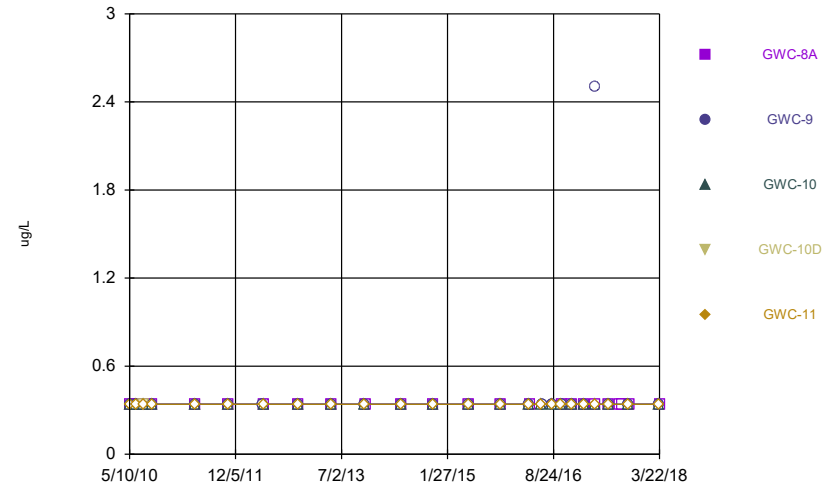
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Time Series



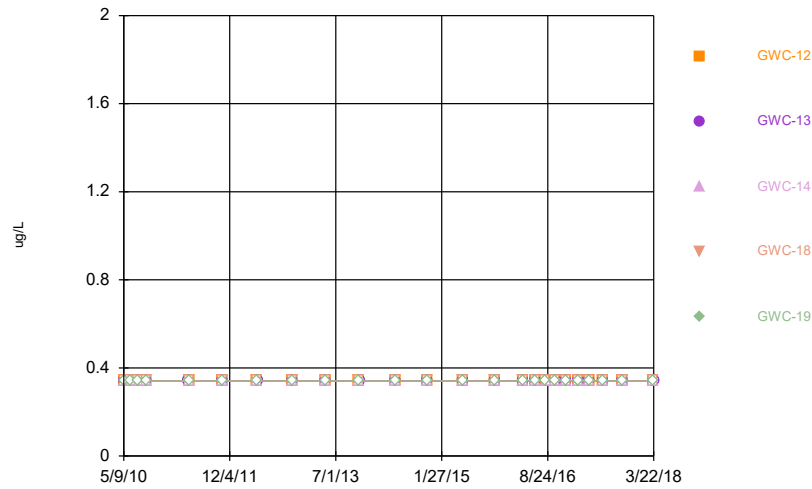
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Time Series



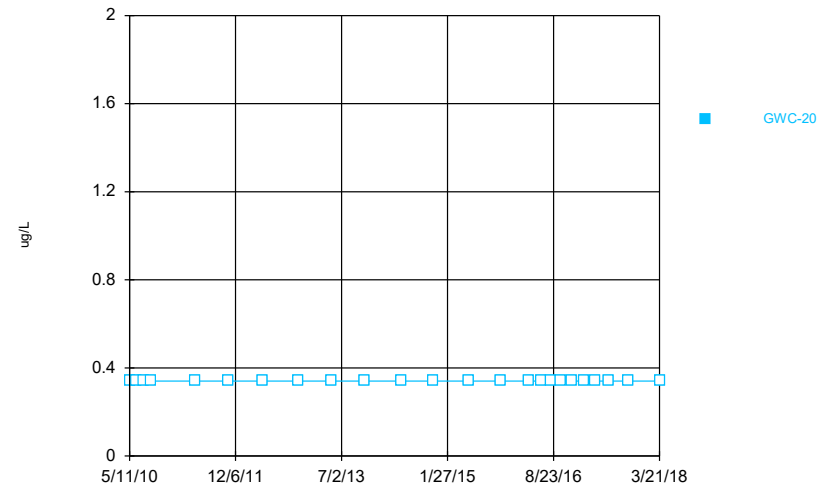
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Time Series



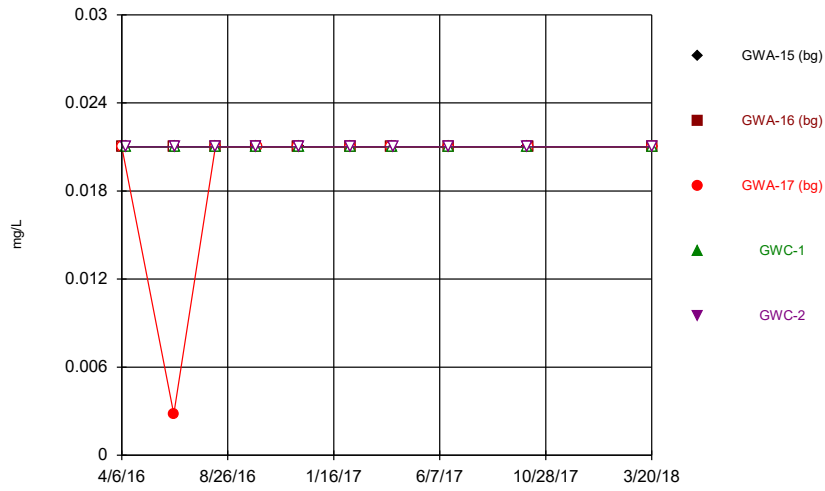
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Time Series



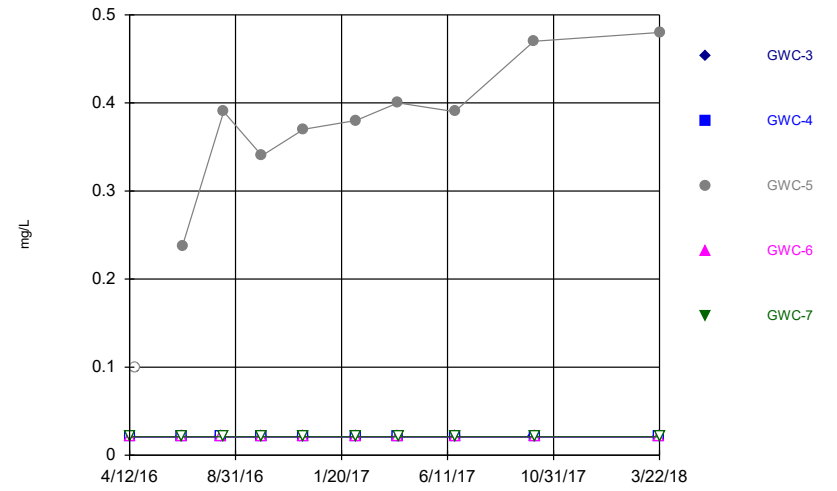
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Time Series



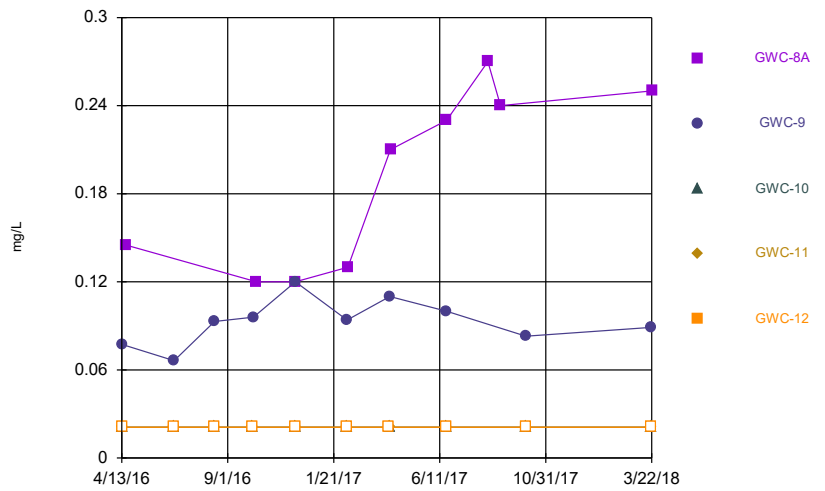
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Time Series



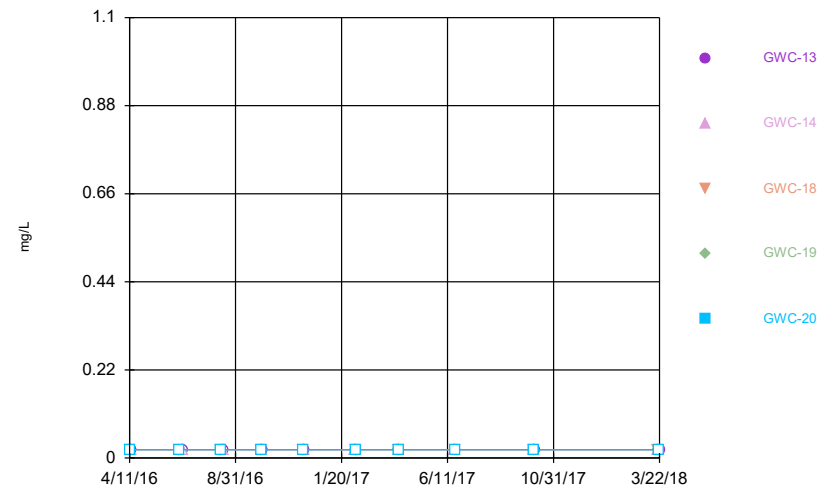
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Time Series



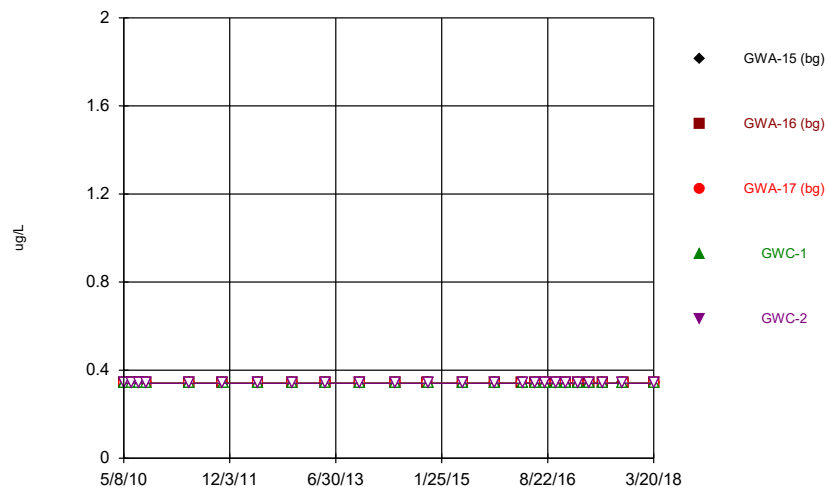
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Time Series



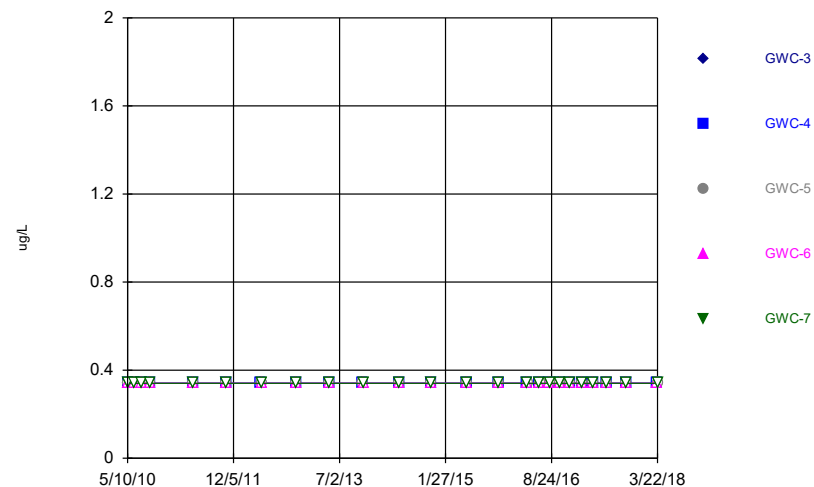
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Time Series



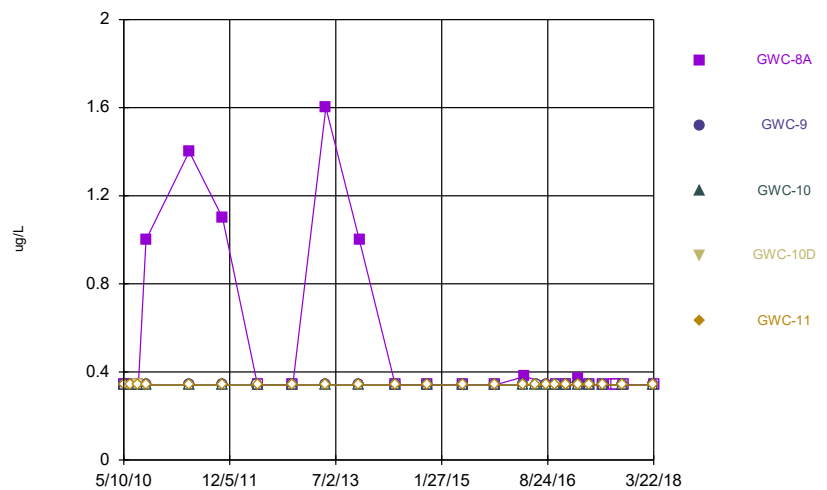
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Time Series



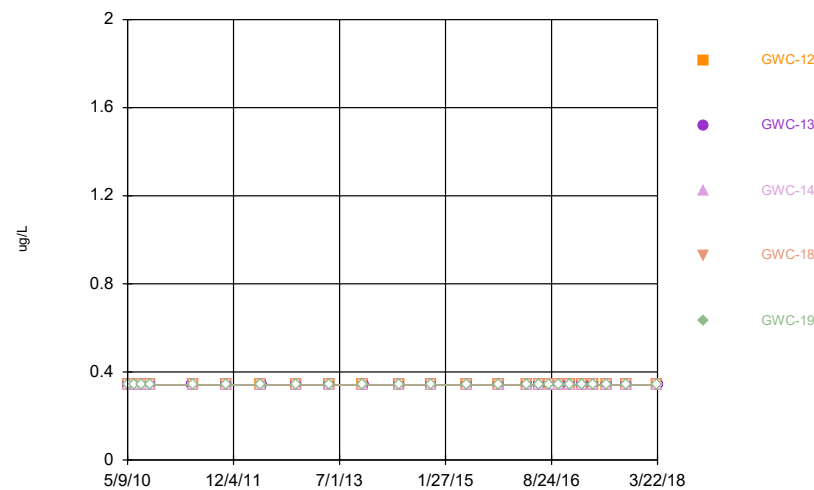
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Time Series



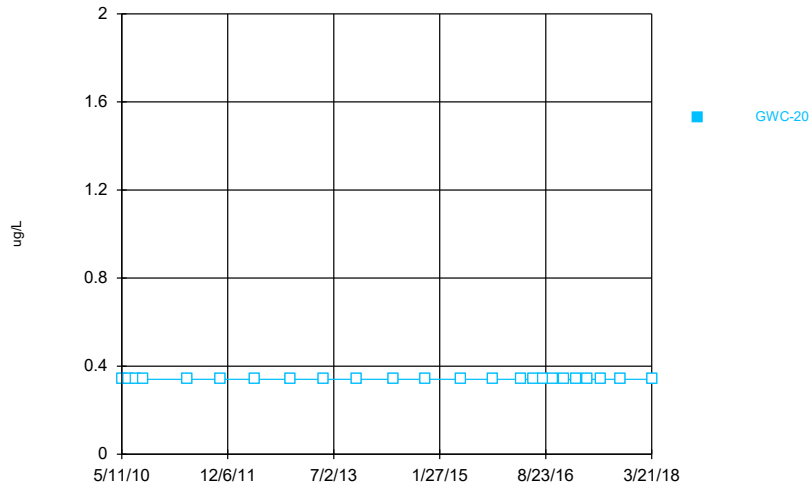
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Time Series



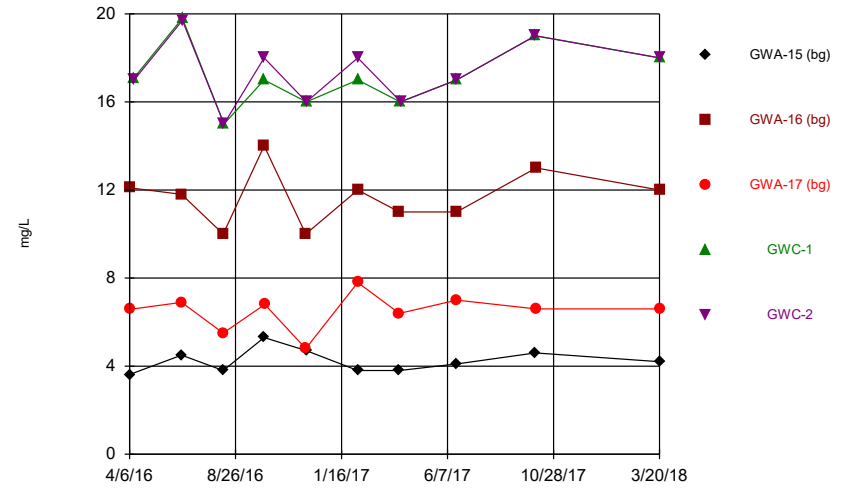
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Time Series



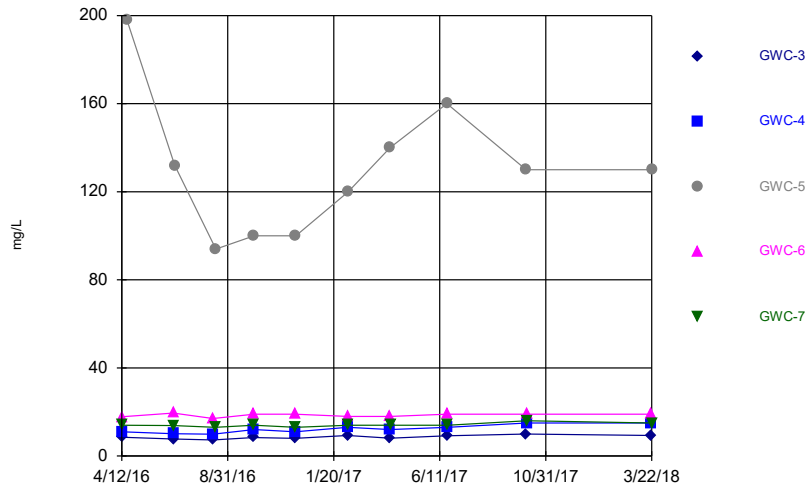
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Time Series



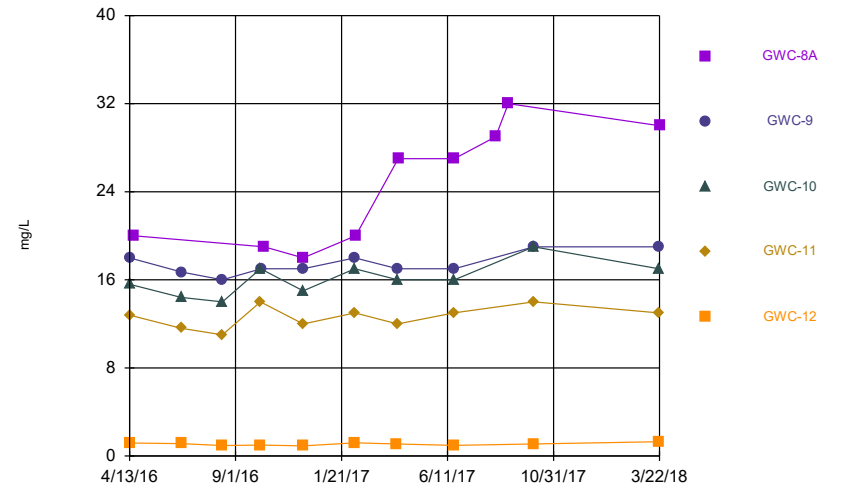
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Time Series



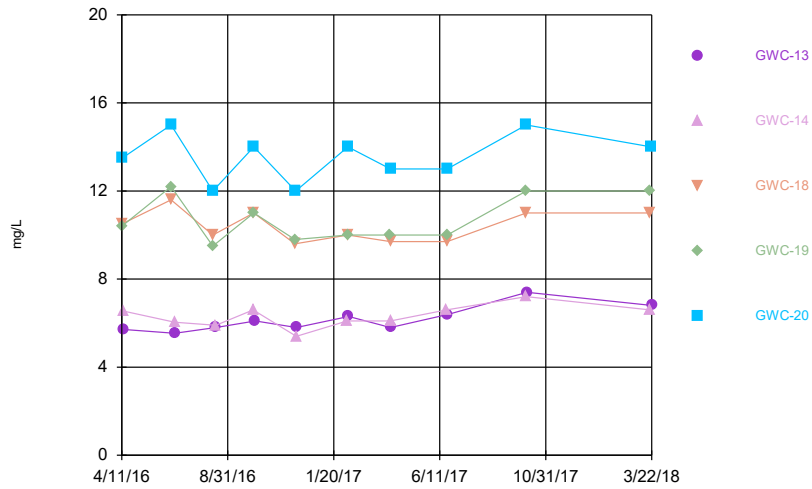
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Time Series



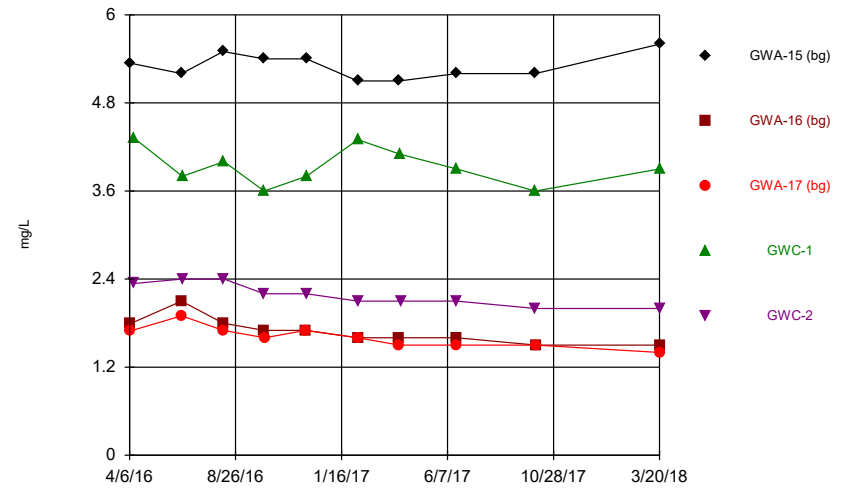
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Time Series



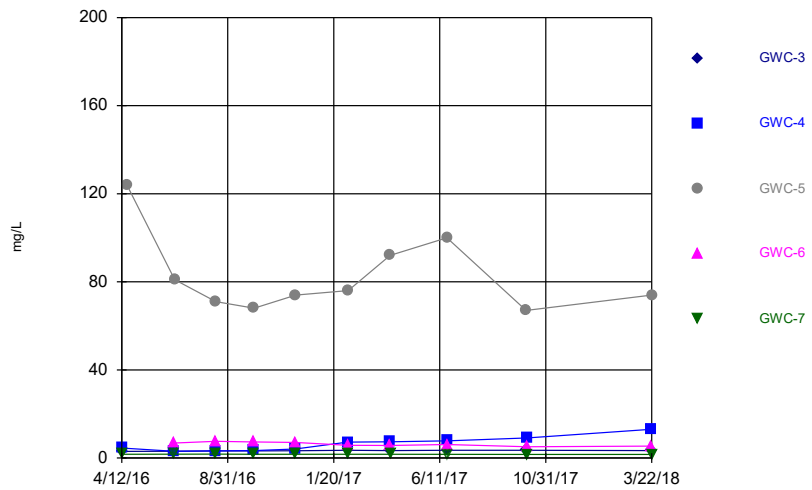
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Time Series



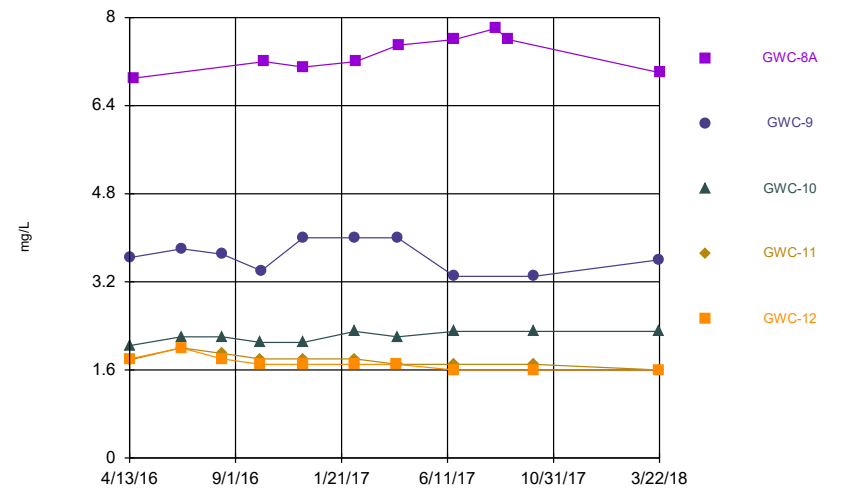
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Time Series



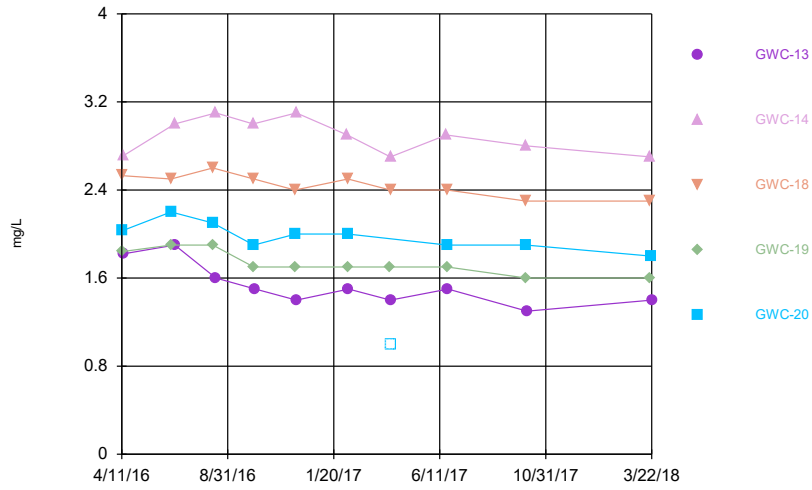
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Time Series



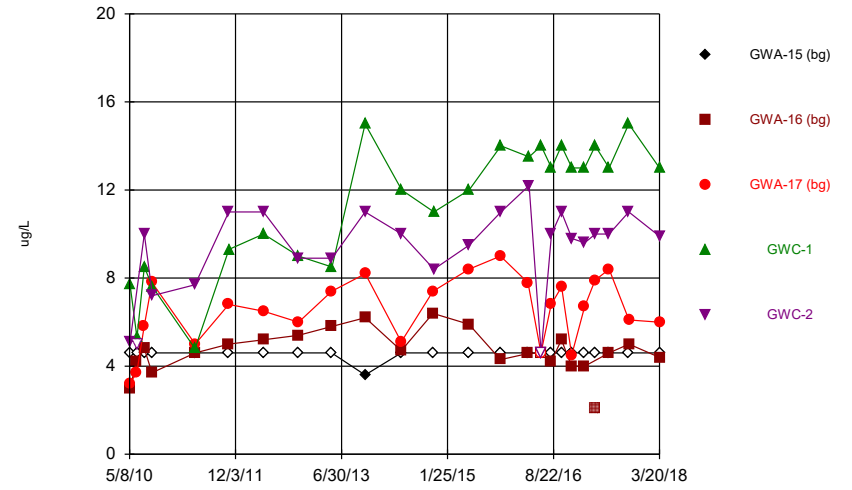
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Time Series



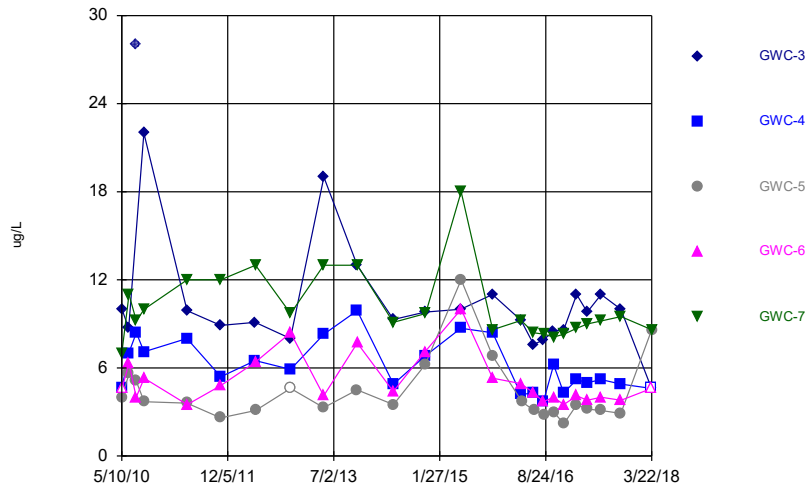
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Time Series



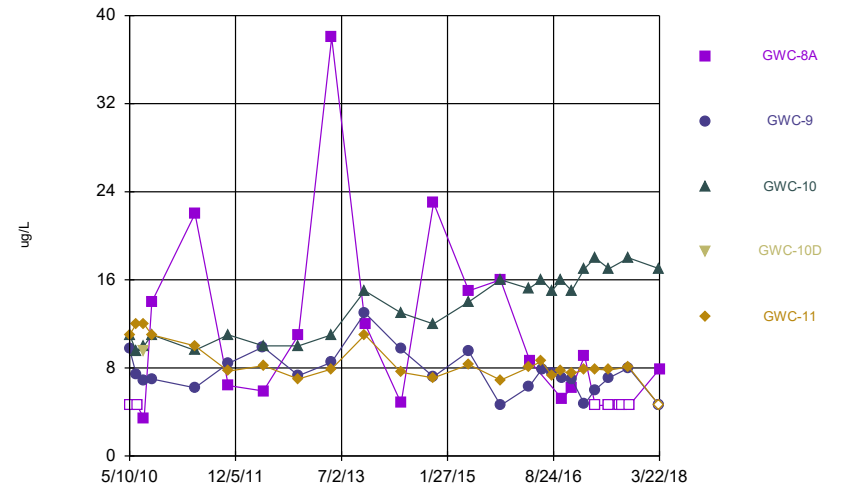
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Time Series



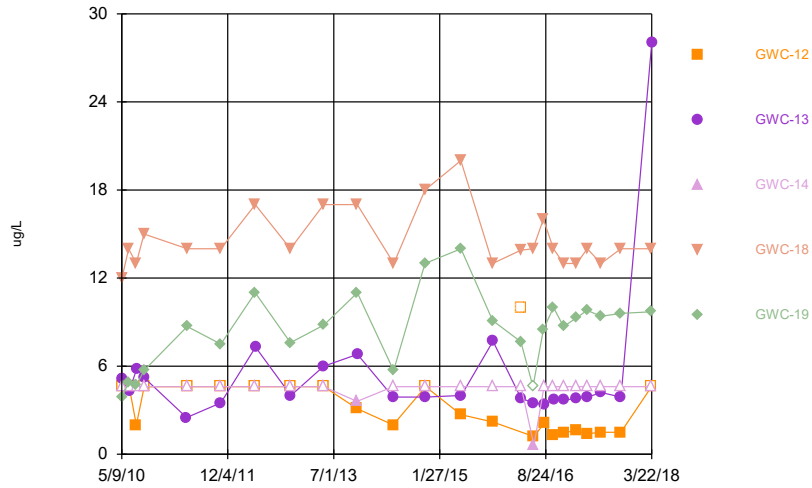
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Time Series



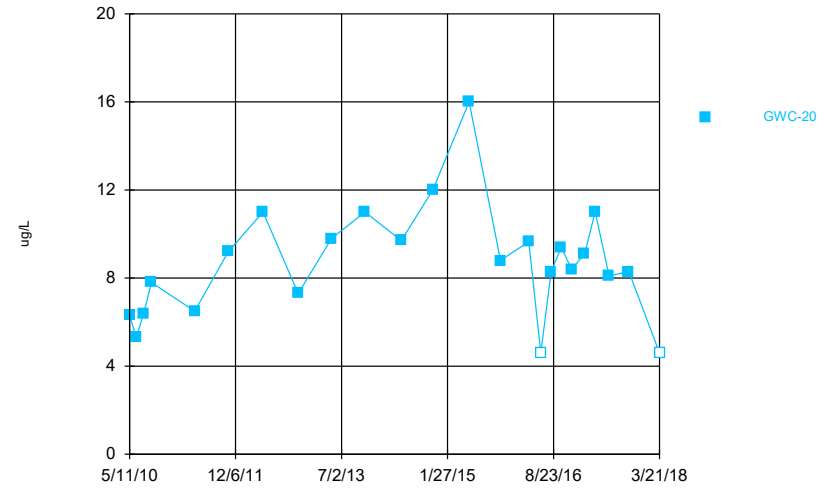
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Time Series



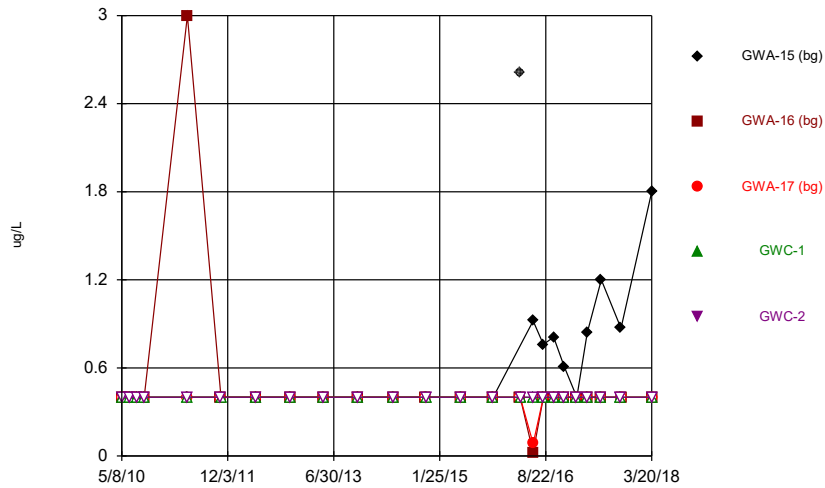
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Time Series



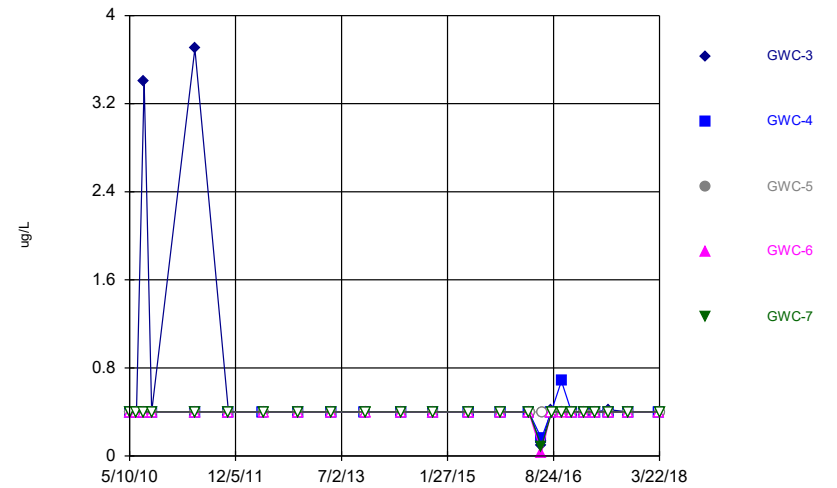
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Time Series



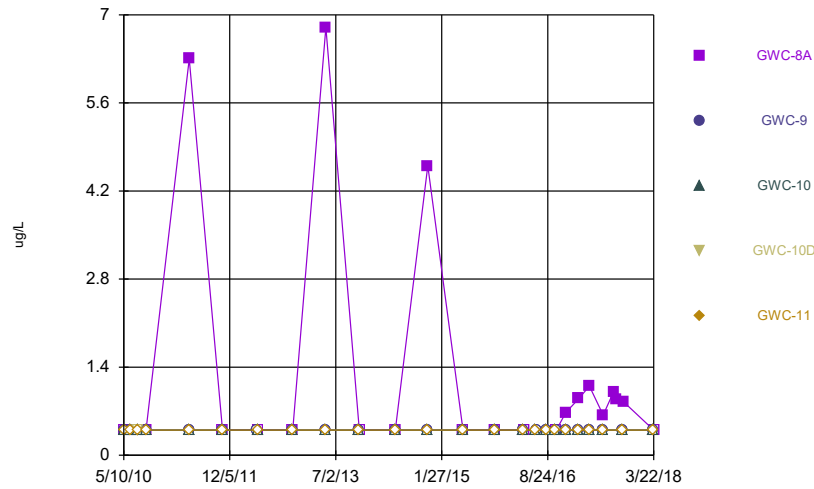
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Time Series



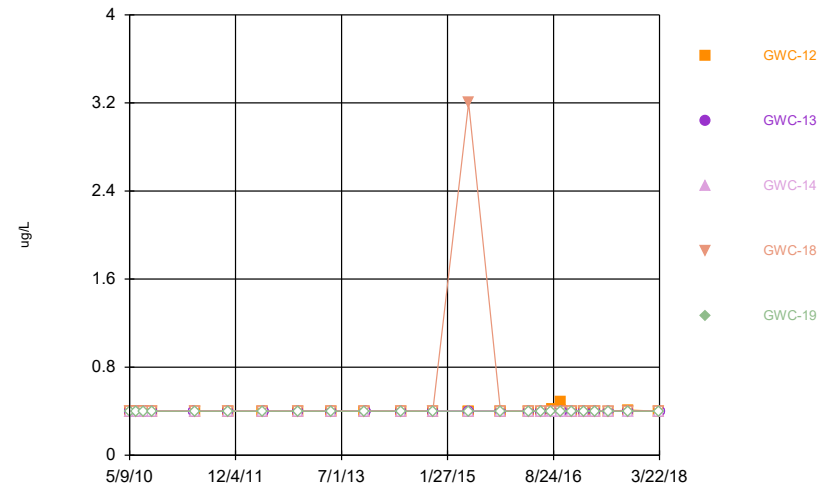
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



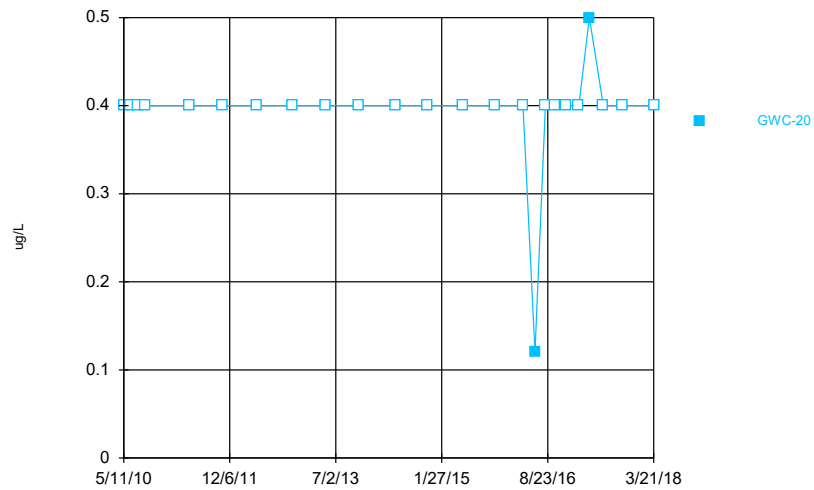
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Time Series



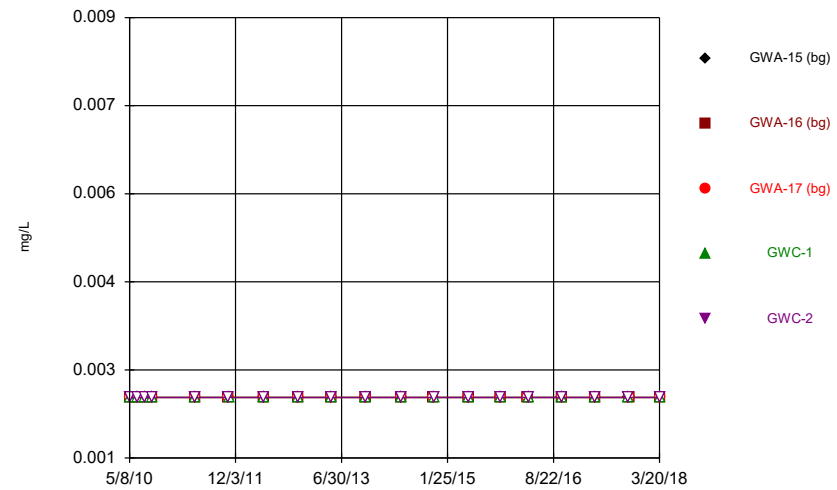
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Time Series



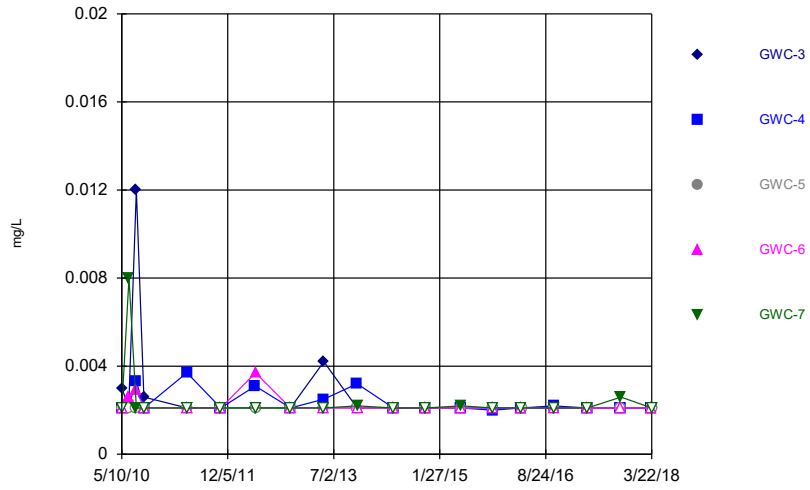
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Time Series



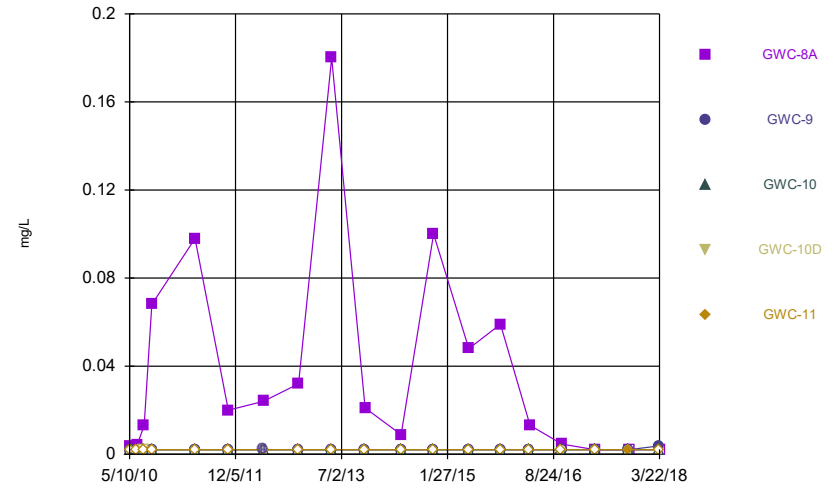
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Time Series



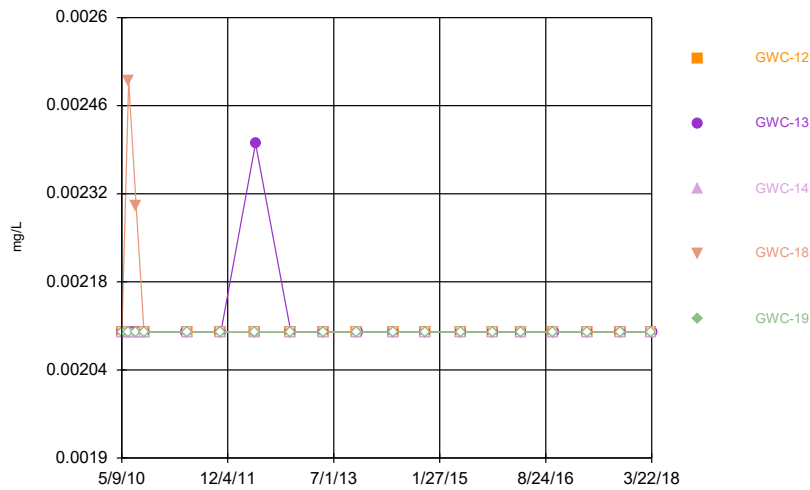
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Time Series



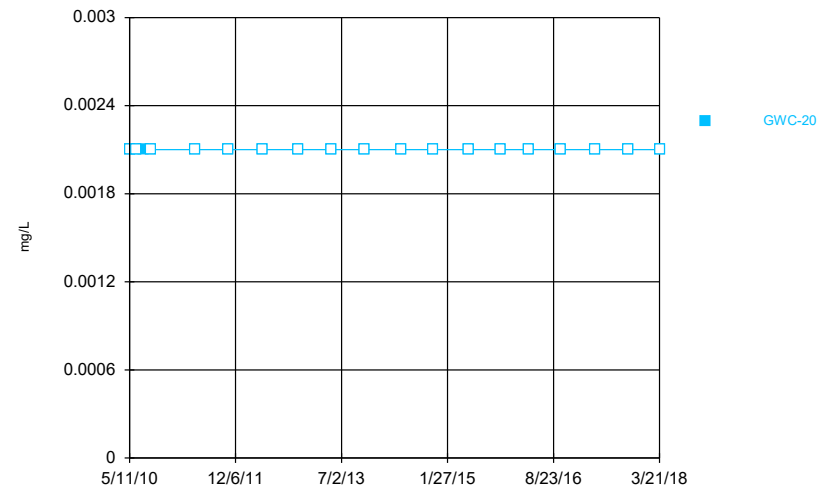
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Time Series



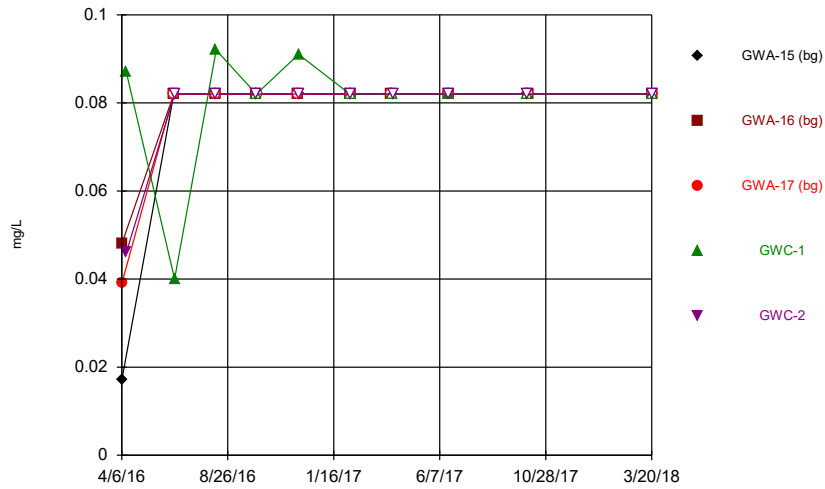
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Time Series



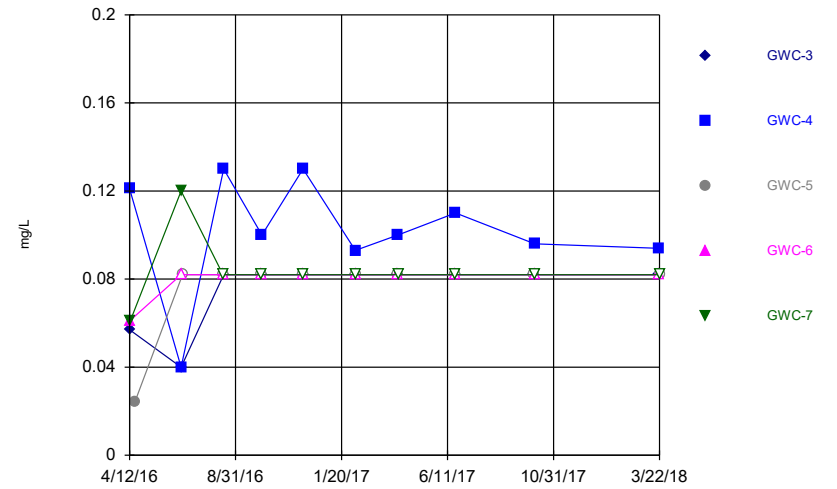
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Time Series



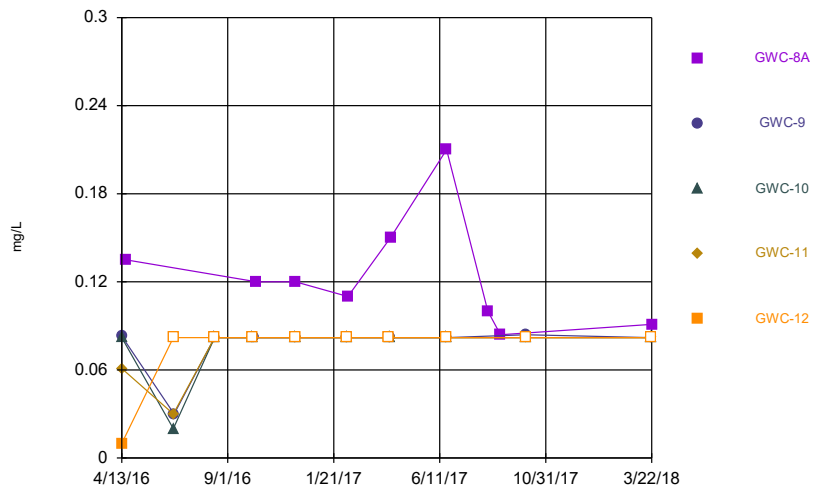
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Time Series



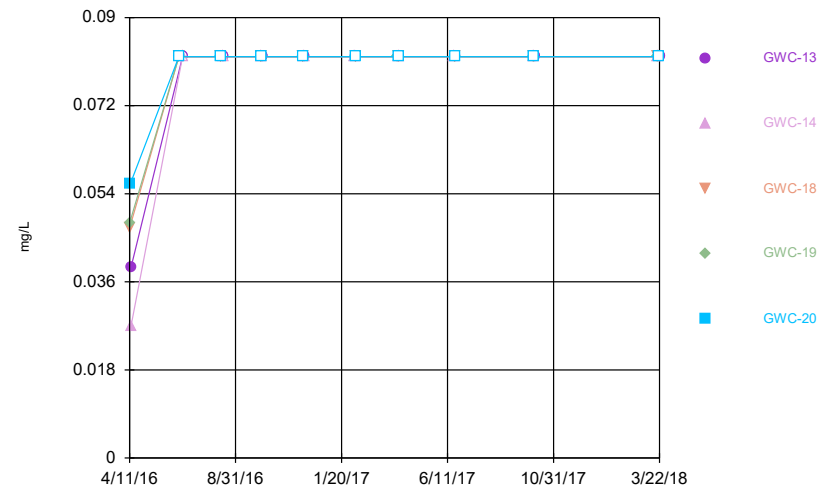
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Time Series



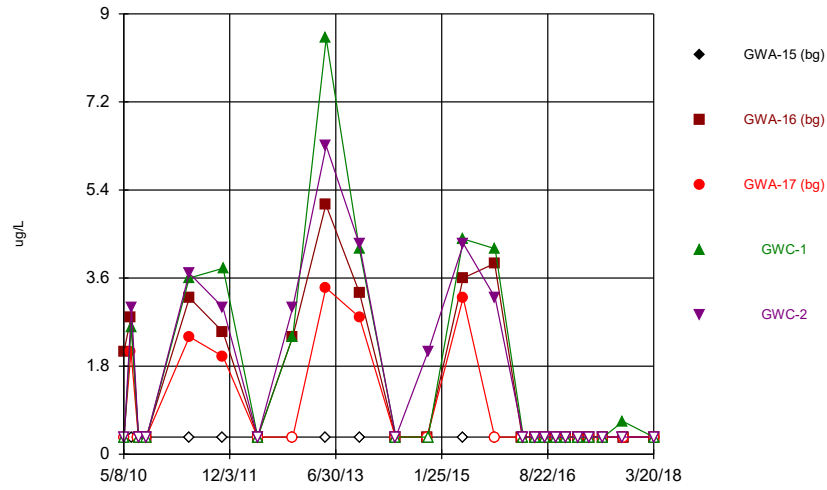
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Time Series



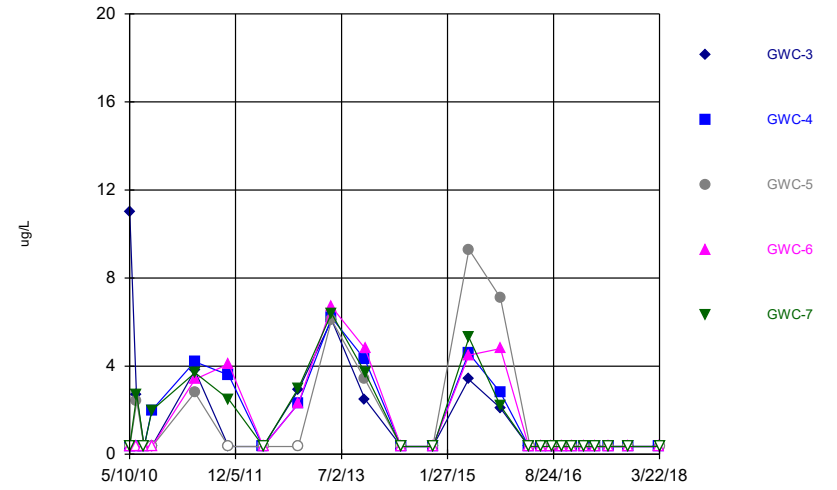
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Time Series



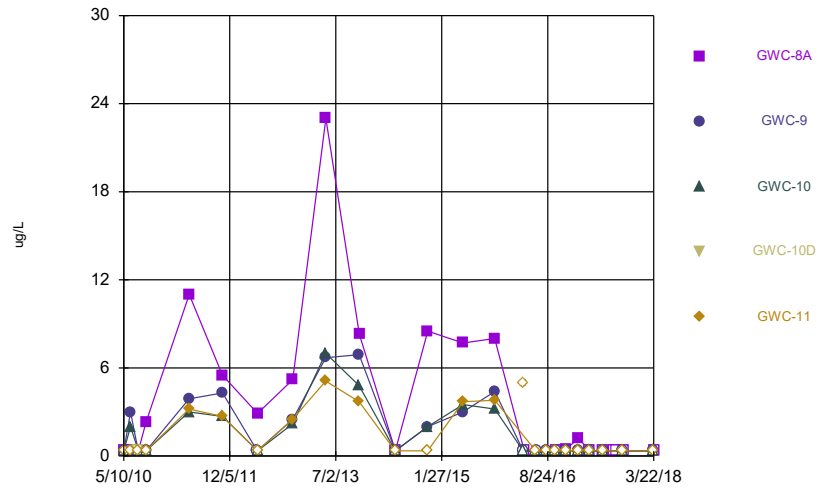
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Time Series



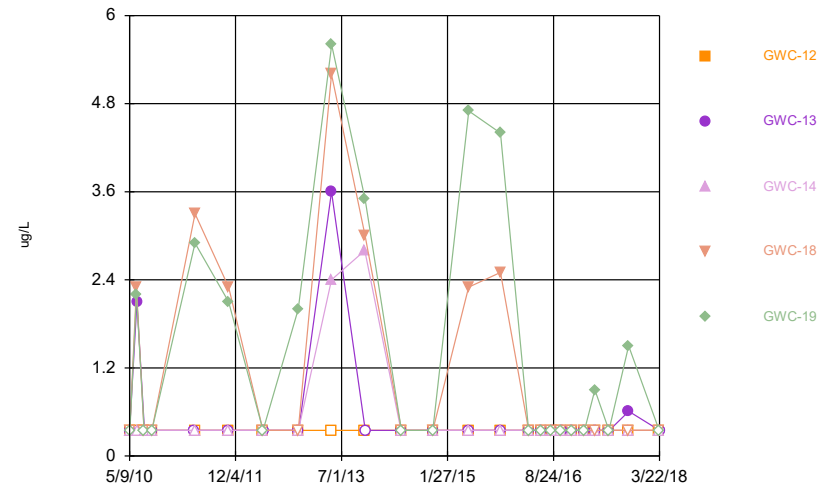
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Time Series



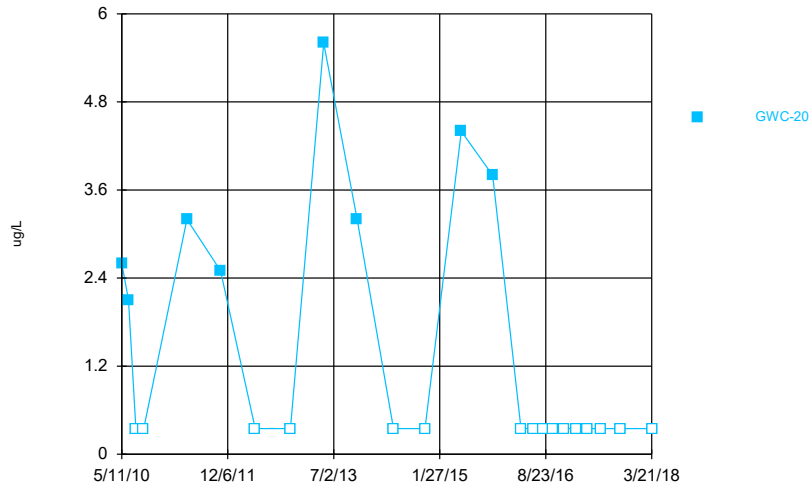
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Time Series



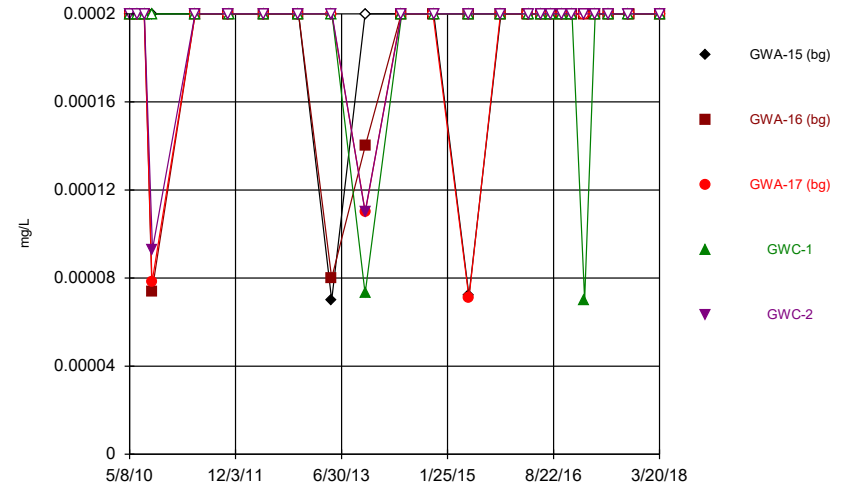
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Time Series



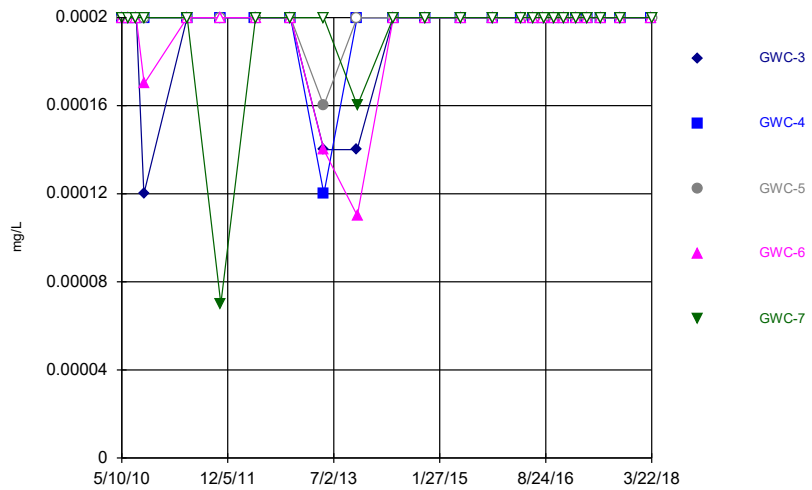
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Time Series



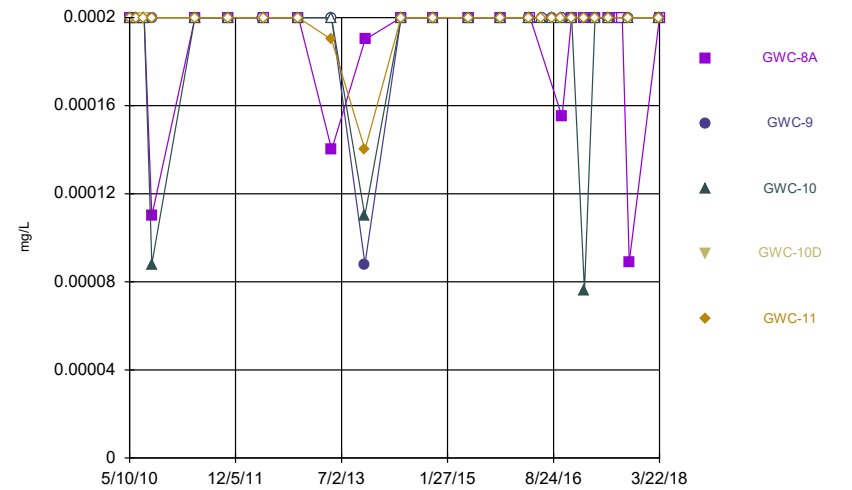
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 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



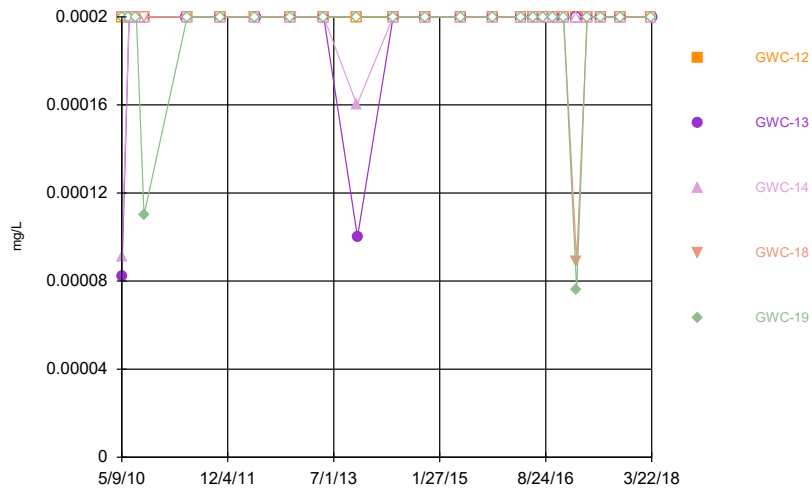
Constituent: Mercury Analysis Run 6/29/2018 12:49 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



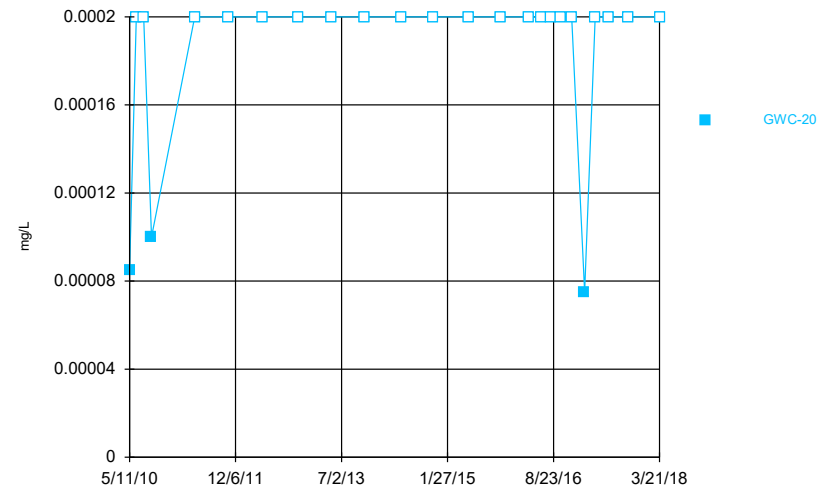
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 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



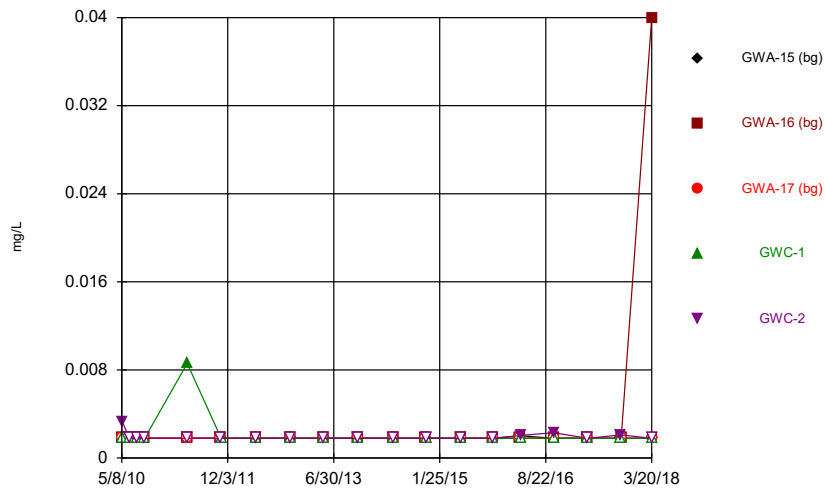
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



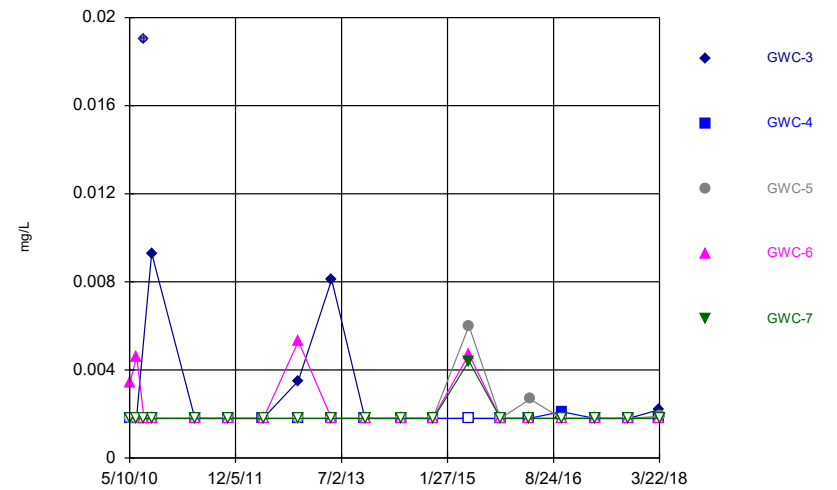
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



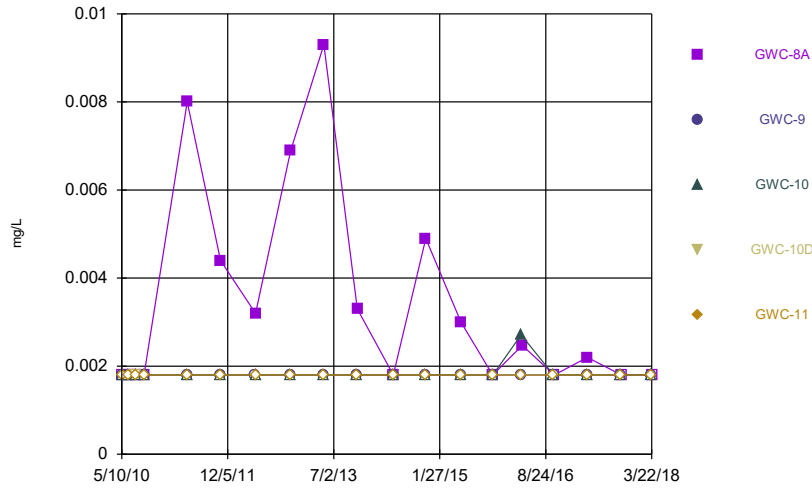
Constituent: Nickel Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



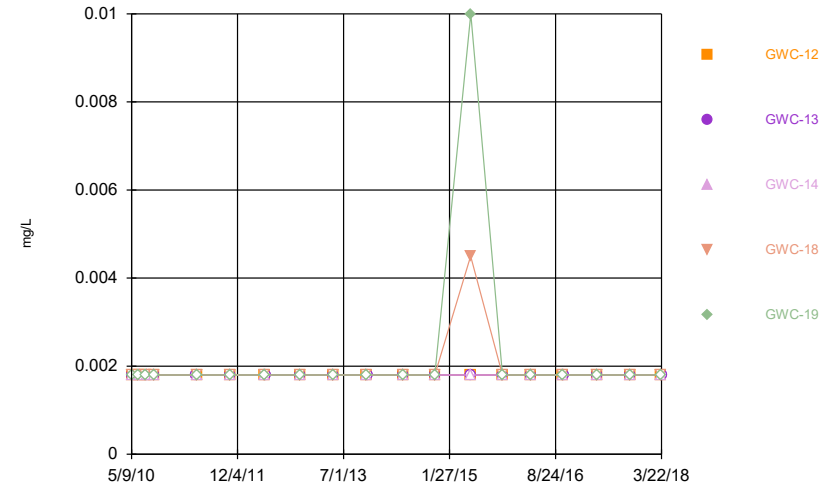
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



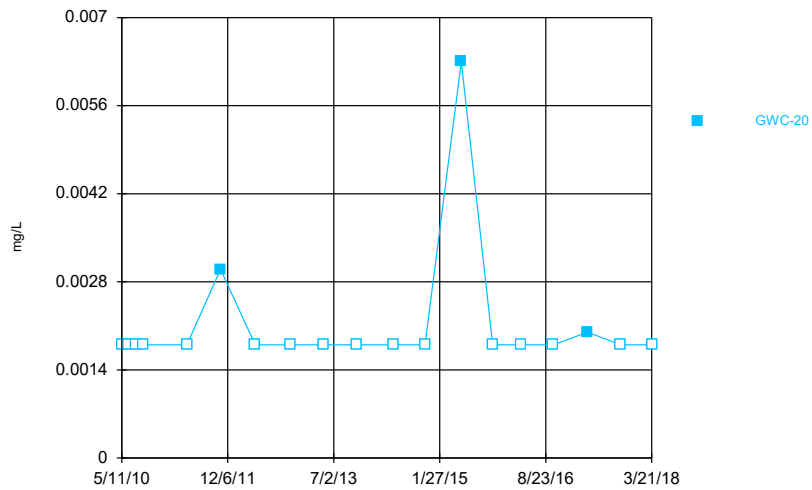
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Time Series



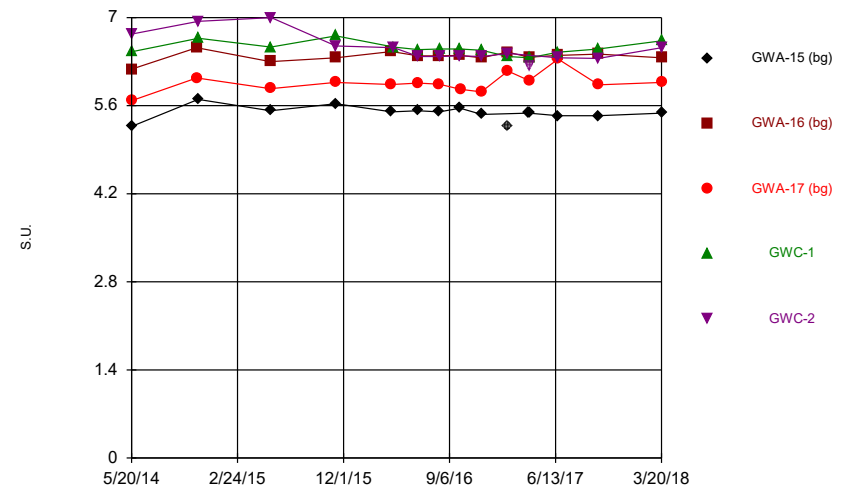
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



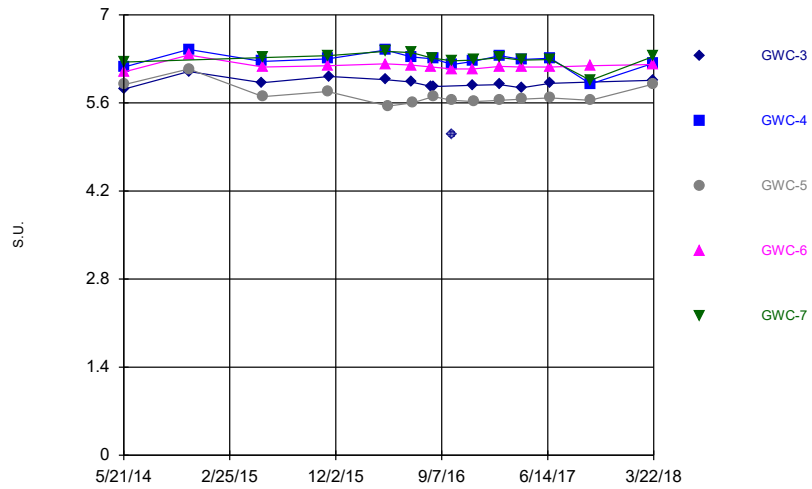
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



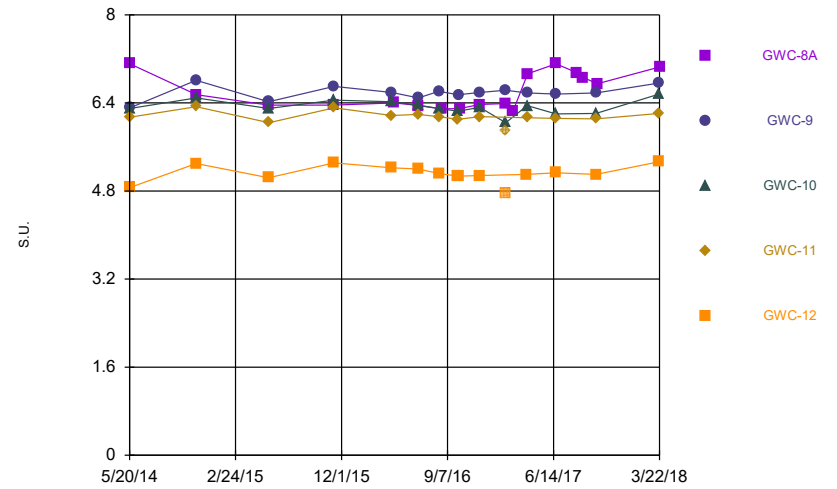
Constituent: pH Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



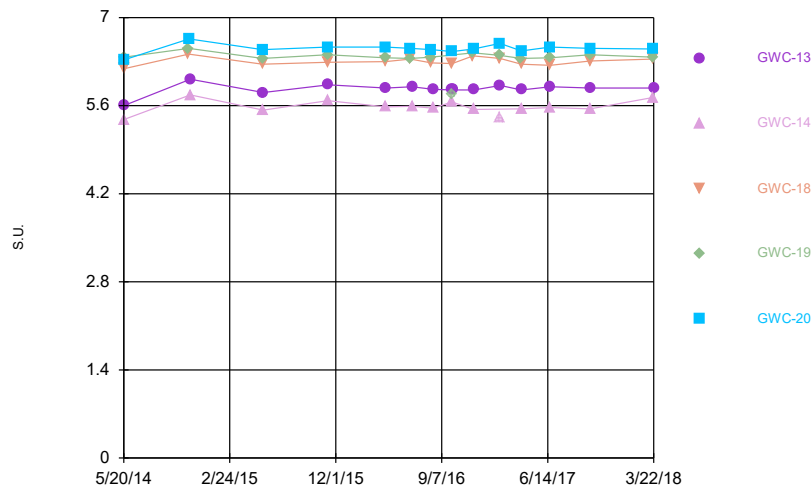
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 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



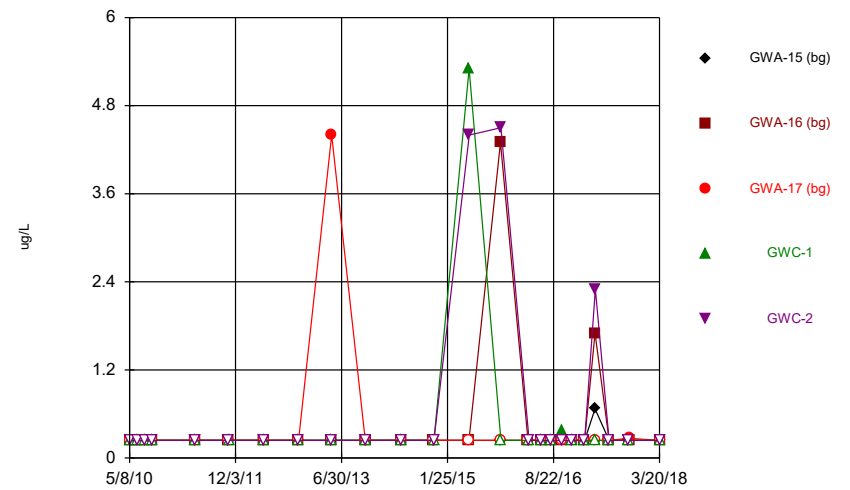
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 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



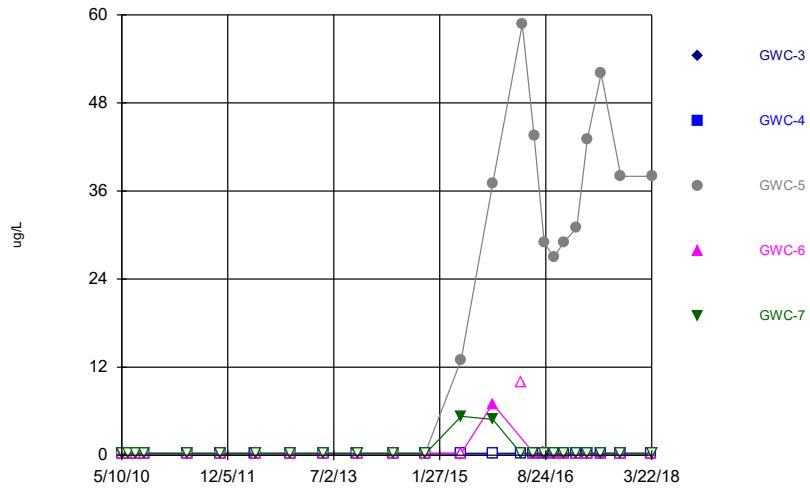
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 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



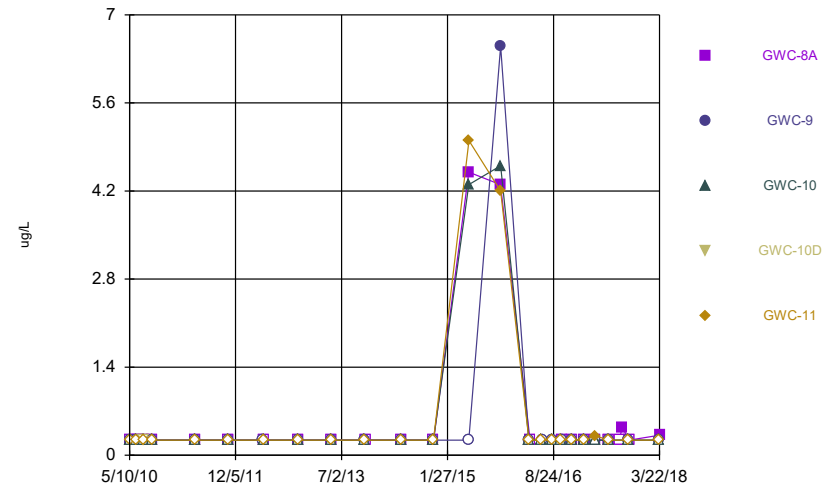
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 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



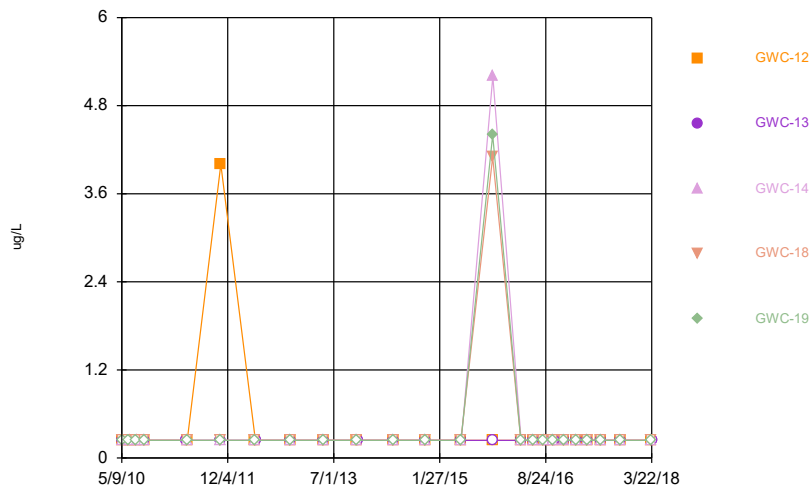
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



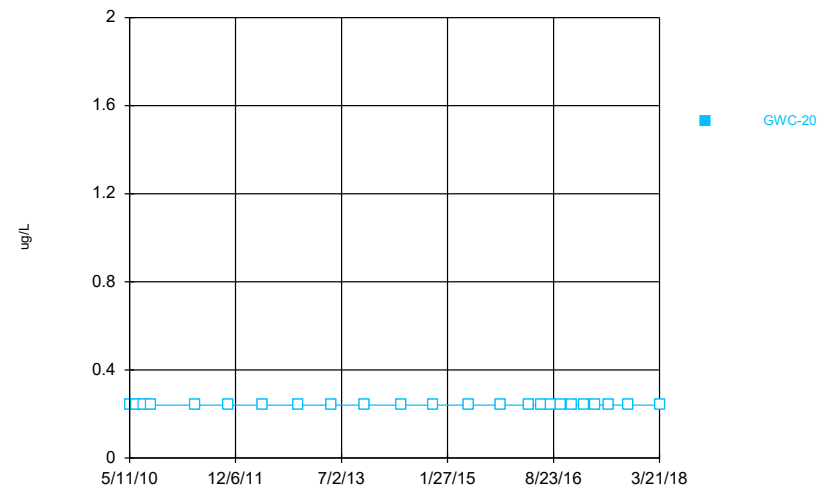
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



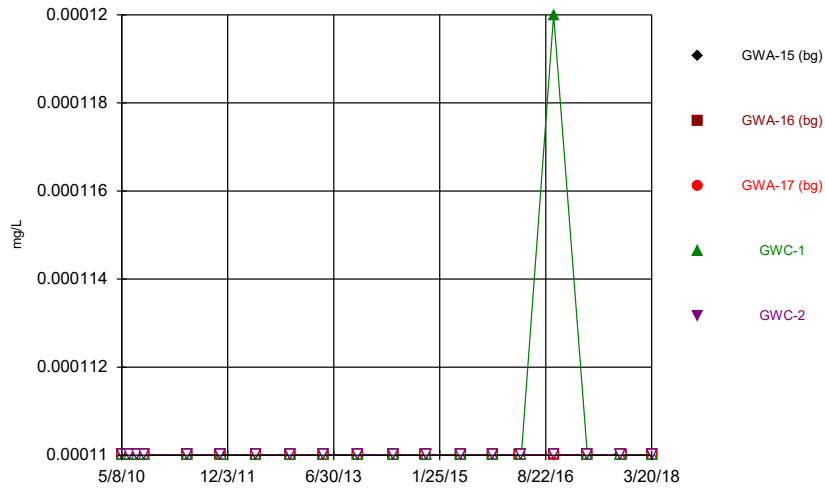
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



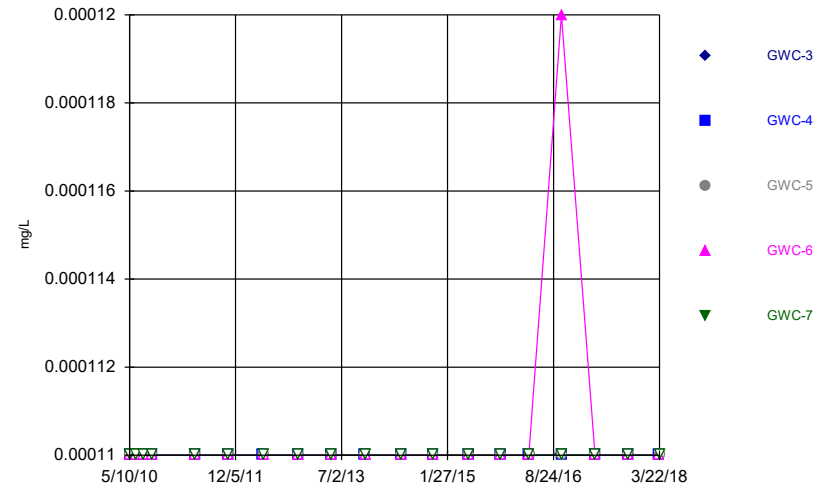
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



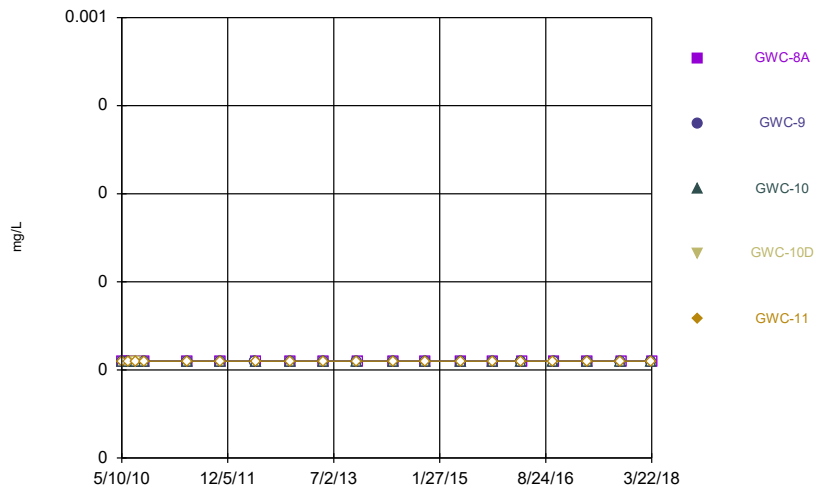
Constituent: Silver Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



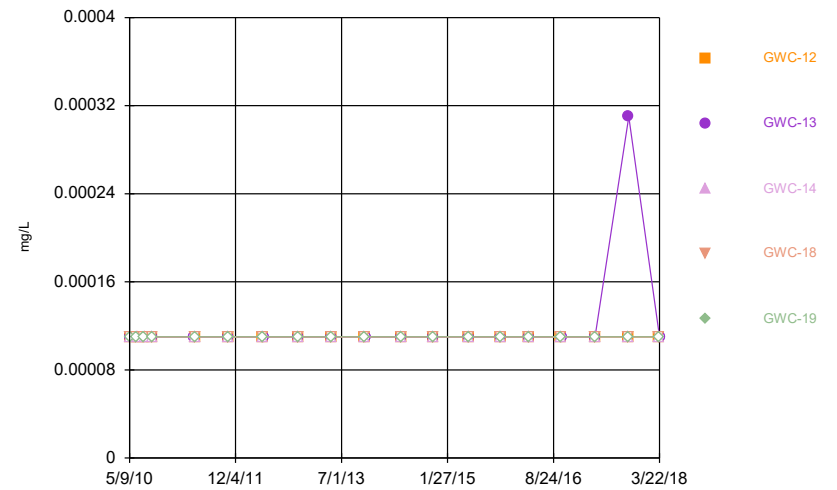
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



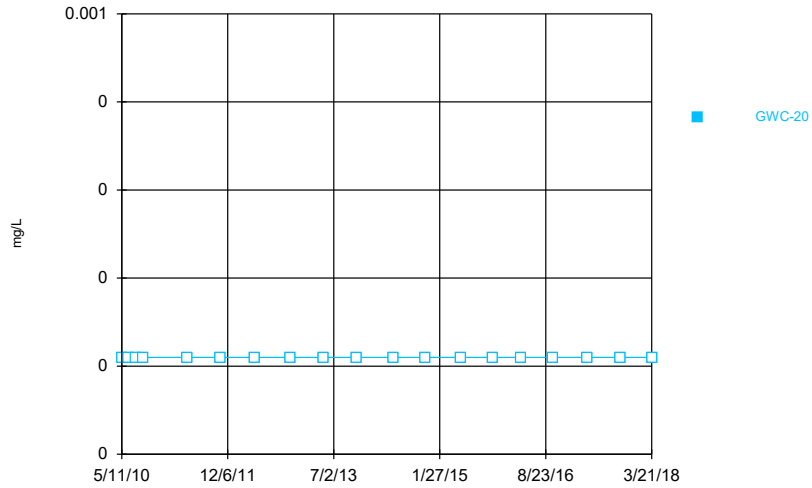
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



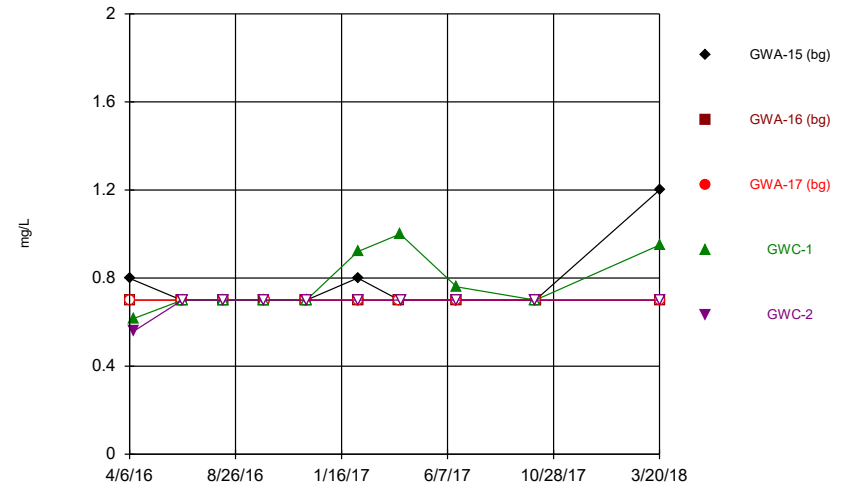
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



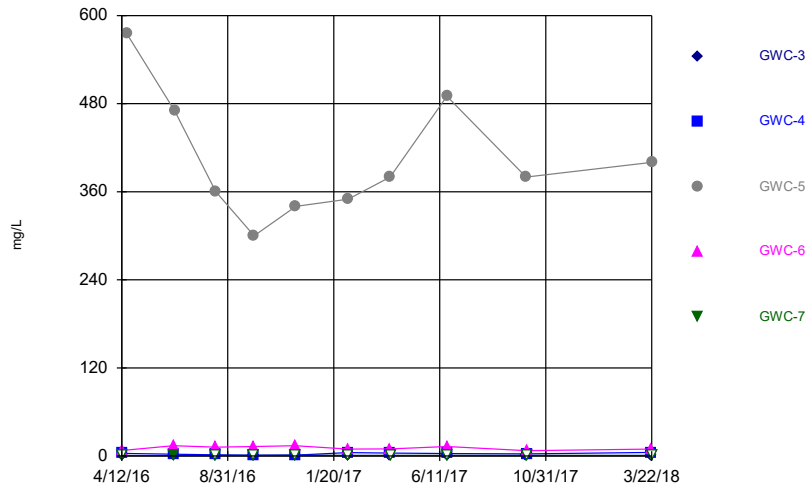
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



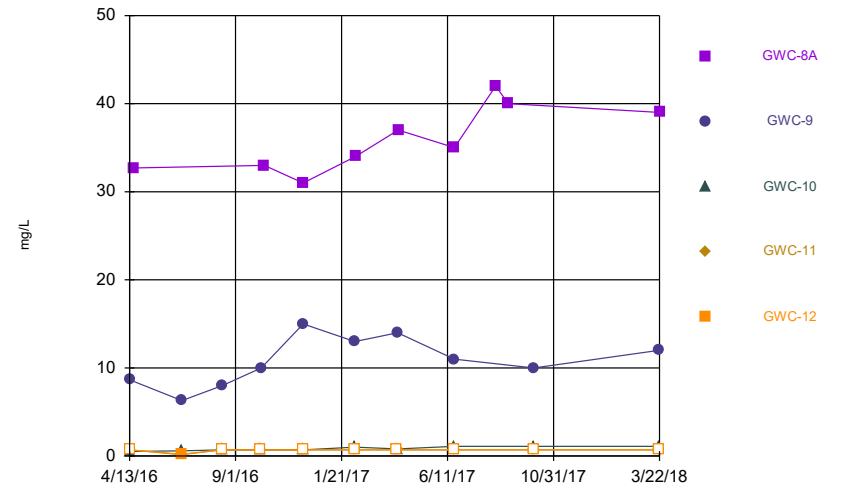
Constituent: Sulfate Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



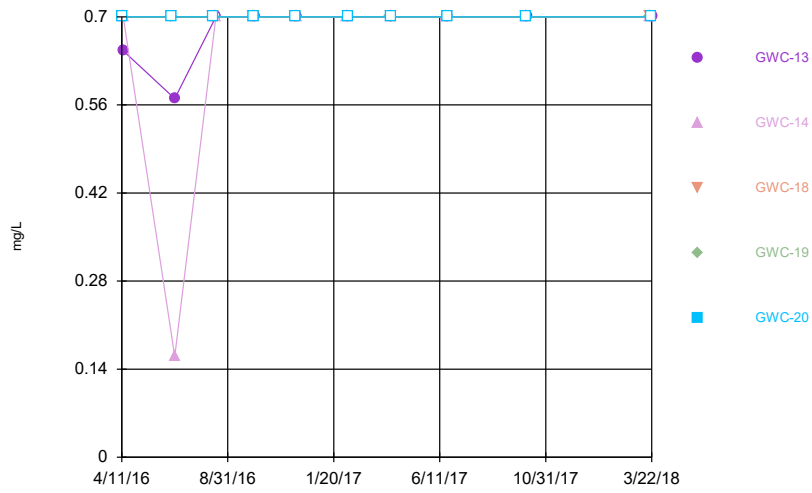
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



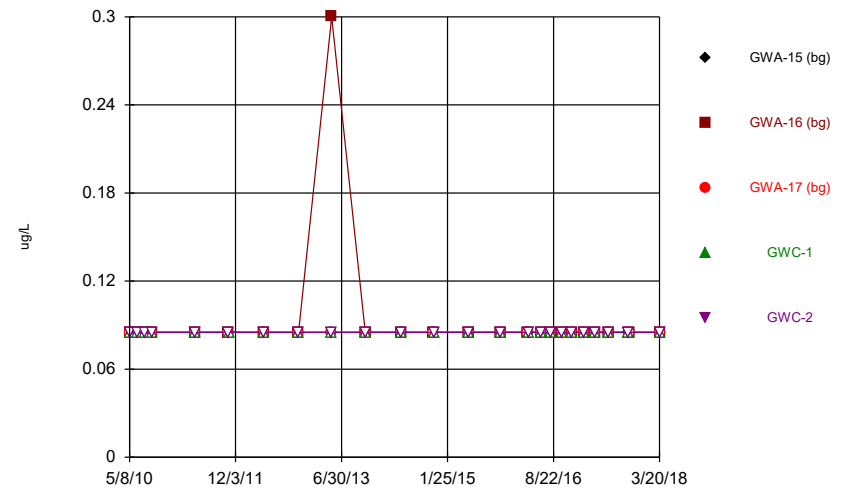
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



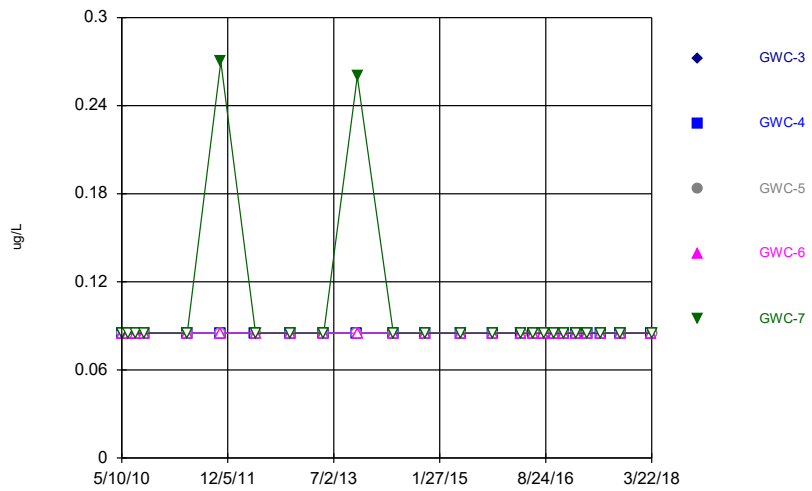
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Time Series



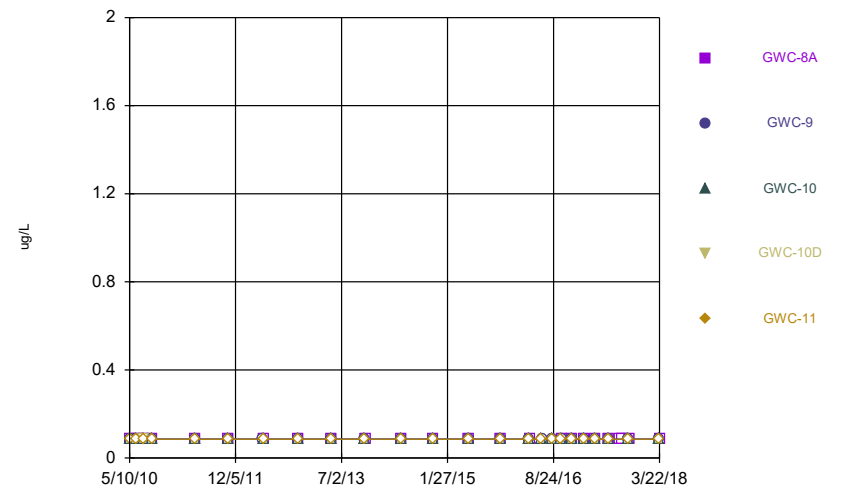
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



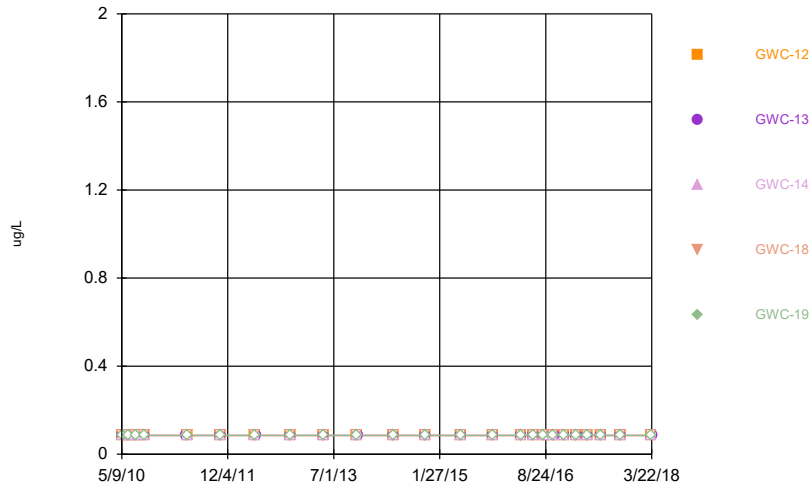
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Time Series



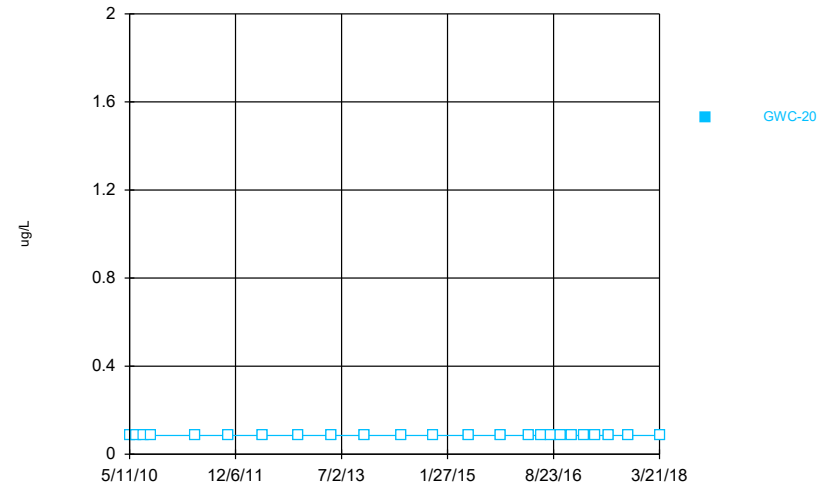
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Time Series



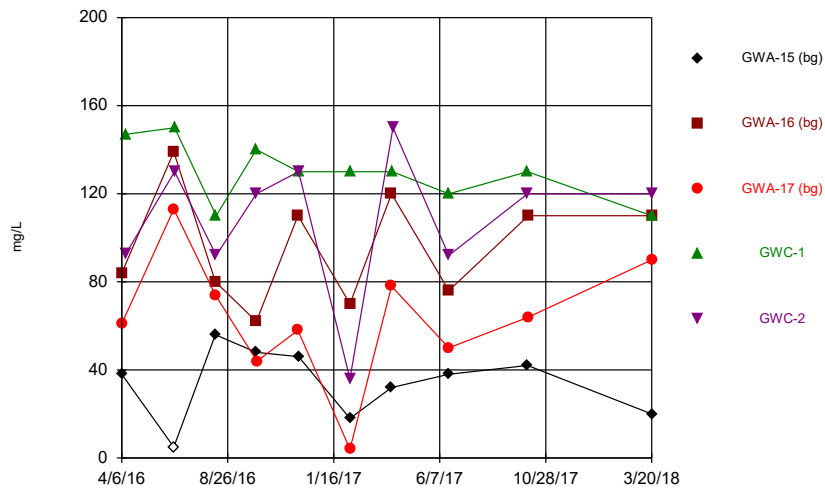
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Time Series



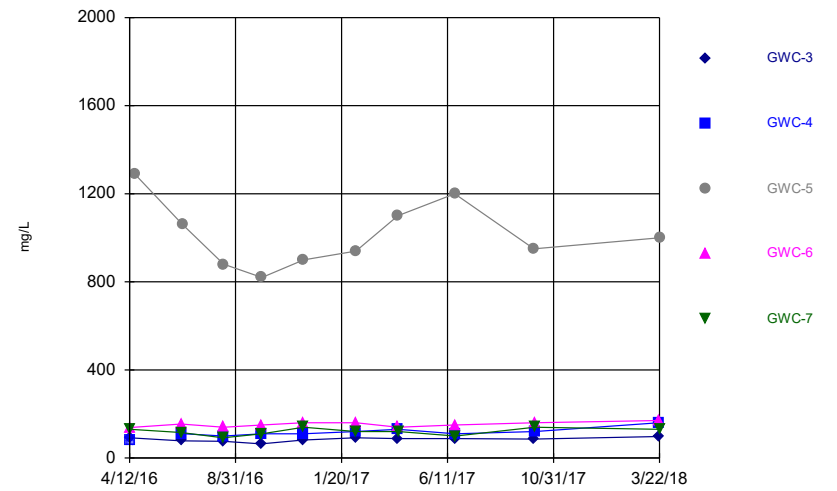
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Time Series



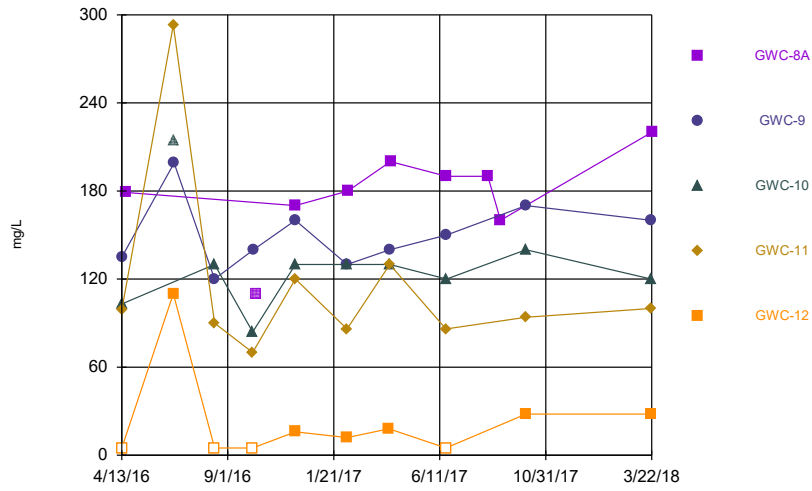
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



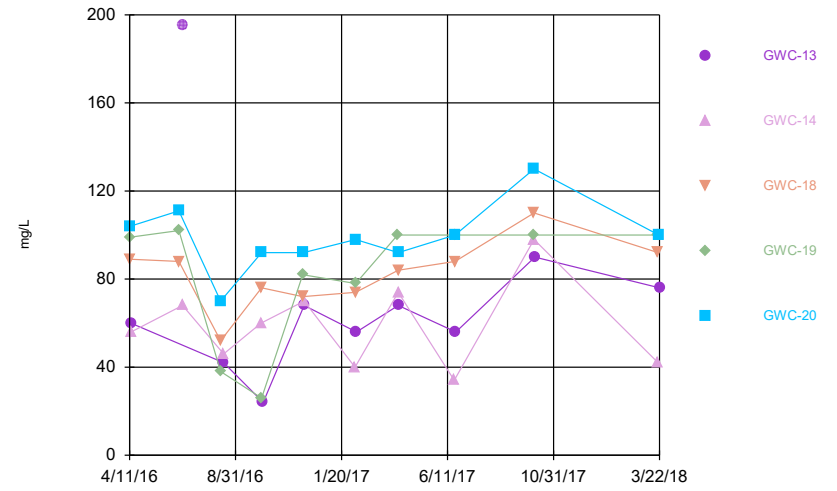
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



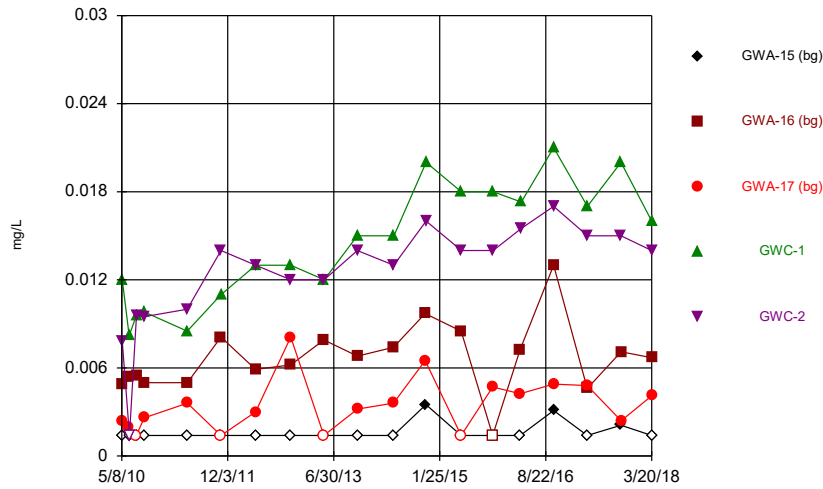
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



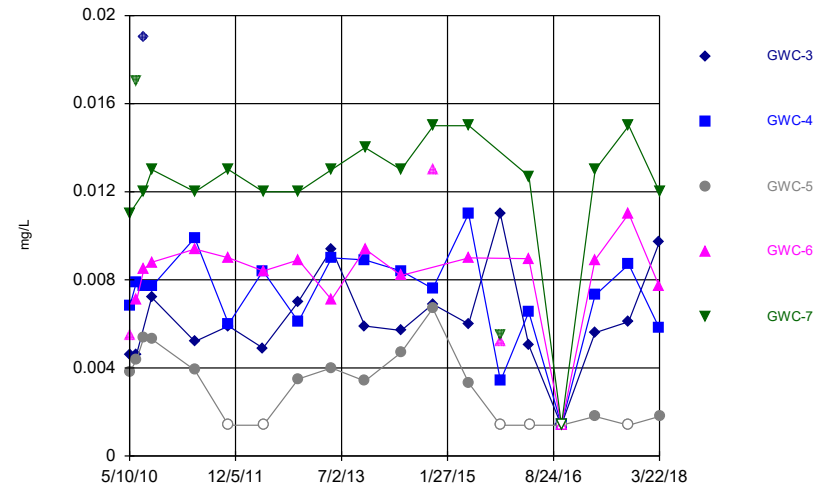
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



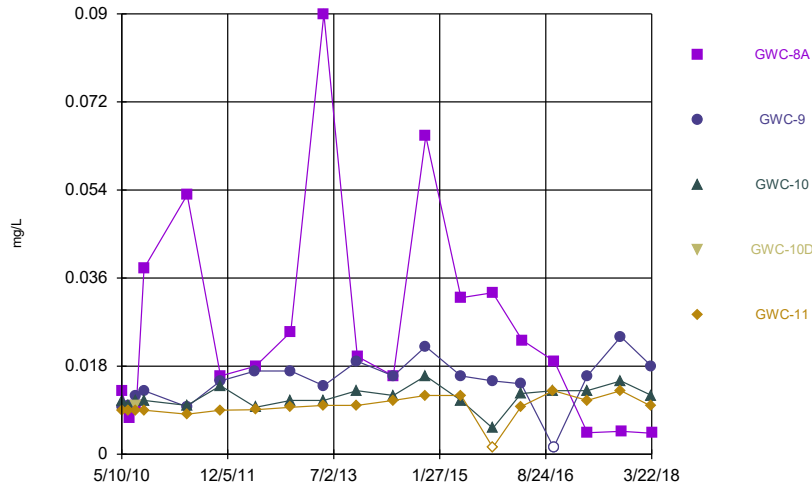
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



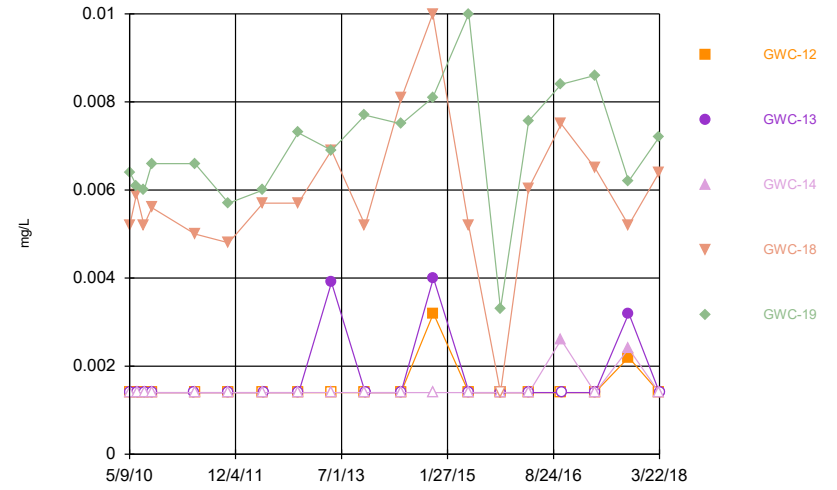
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



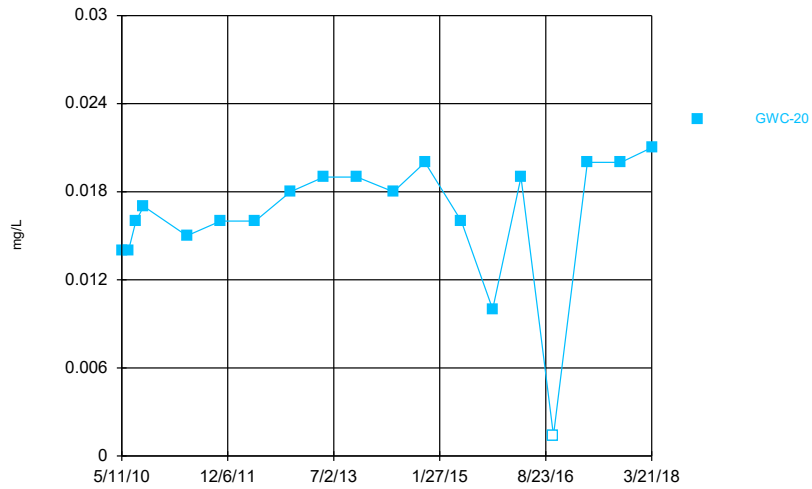
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Time Series



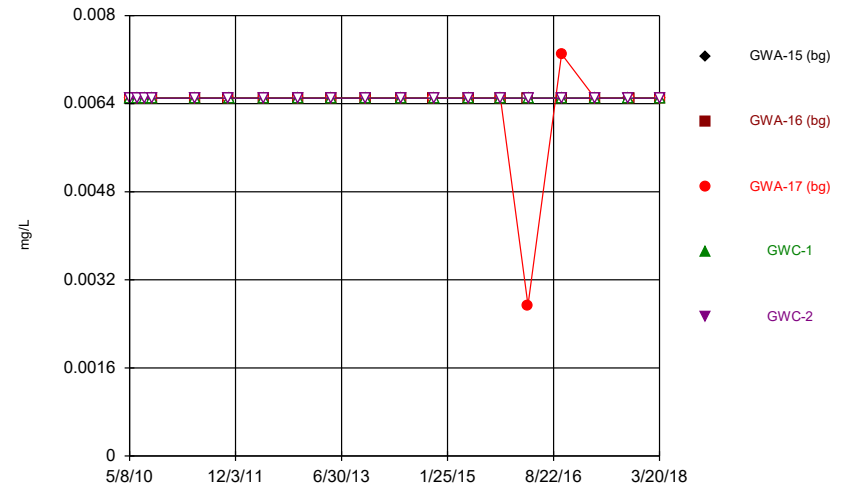
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Time Series



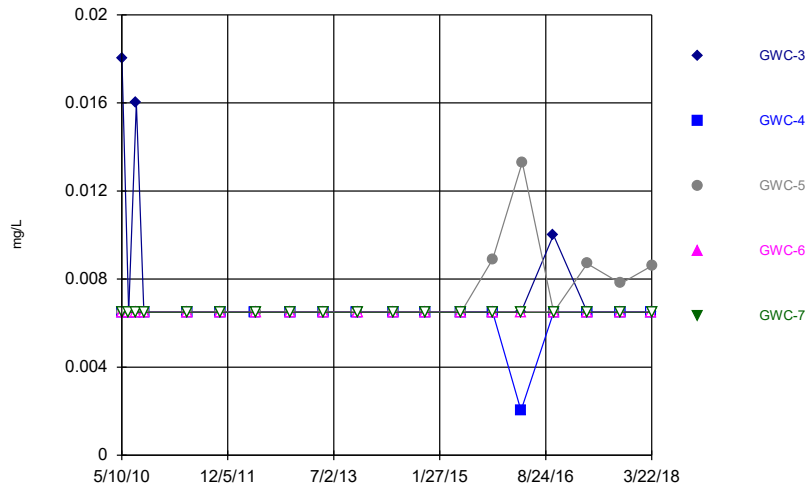
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Time Series



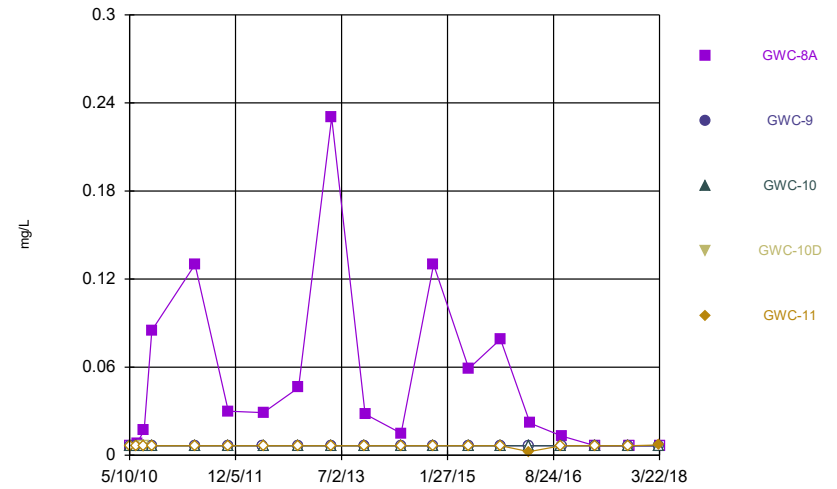
Constituent: Zinc Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



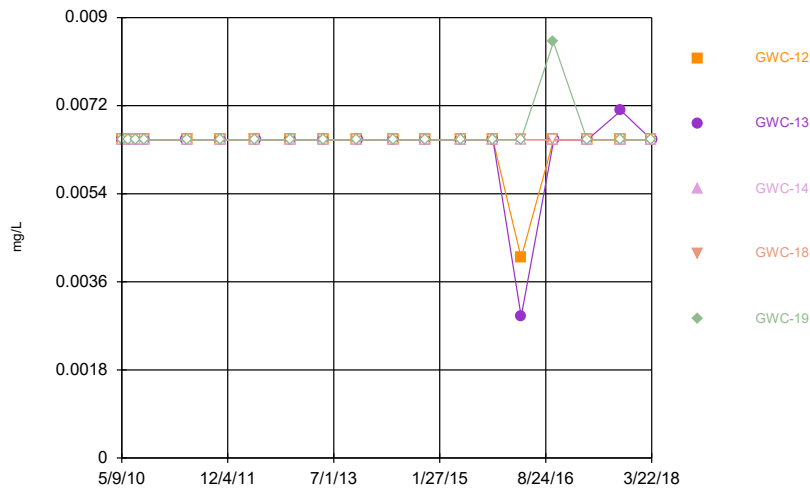
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Time Series



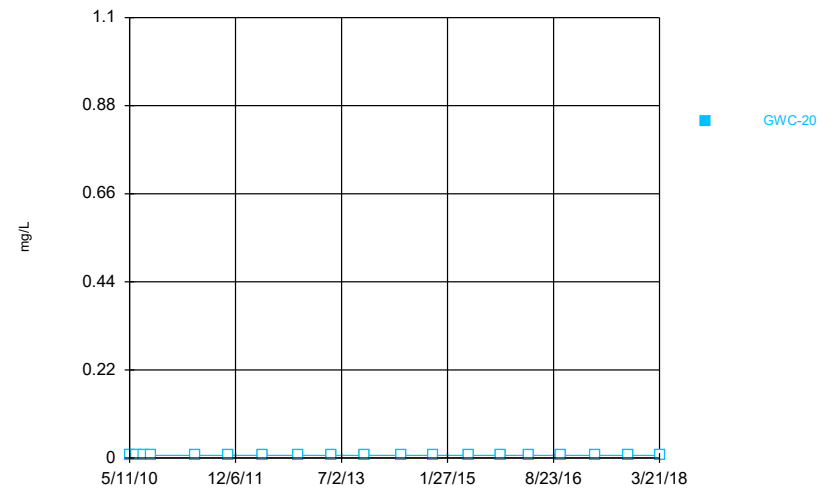
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



Constituent: Zinc Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



Constituent: Zinc Analysis Run 6/29/2018 12:50 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:27 AM

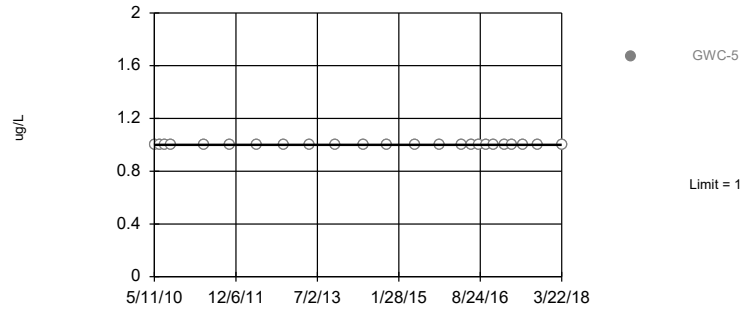
<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Boron (mg/L)	GWC-5	0.021	n/a	3/22/2018	0.48	Yes	30	96.67	n/a	0.001781	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-5	16.77	n/a	3/22/2018	130	Yes	30	0	x^(1/3)	0.000...	Param Inter 1 of 2
Chloride (mg/L)	GWC-5	5.6	n/a	3/22/2018	74	Yes	30	0	n/a	0.001781	NP Inter (normality) ...
Selenium, Total (ug/L)	GWC-5	4.4	n/a	3/22/2018	38	Yes	72	91.67	n/a	0.000...	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-5	1.15	n/a	3/22/2018	400	Yes	30	90	n/a	0.001781	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-5	141.2	n/a	3/22/2018	1000	Yes	30	3.333	No	0.000...	Param Inter 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:27 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony, Total (ug/L)	GWC-5	1	n/a	3/22/2018	1ND	No	72	98.61	n/a	0.000...	NP Inter (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-5	0.46	n/a	3/22/2018	0.46	No	72	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Barium, Total (ug/L)	GWC-5	48	n/a	3/22/2018	48	No	72	2.778	n/a	0.000...	NP Inter (normality) ...
Beryllium, Total (ug/L)	GWC-5	2.1	n/a	3/22/2018	0.34ND	No	72	98.61	n/a	0.000...	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-5	0.021	n/a	3/22/2018	0.48	Yes	30	96.67	n/a	0.001781	NP Inter (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-5	0.34	n/a	3/22/2018	0.34ND	No	72	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-5	16.77	n/a	3/22/2018	130	Yes	30	0	x^(1/3)	0.000...	Param Inter 1 of 2
Chloride (mg/L)	GWC-5	5.6	n/a	3/22/2018	74	Yes	30	0	n/a	0.001781	NP Inter (normality) ...
Chromium, Total (ug/L)	GWC-5	9	n/a	3/22/2018	8.6	No	71	35.21	n/a	0.000...	NP Inter (normality) ...
Cobalt, Total (ug/L)	GWC-5	3	n/a	3/22/2018	0.4ND	No	71	84.51	n/a	0.000...	NP Inter (NDs) 1 of 2
Copper (mg/L)	GWC-5	0.0021	n/a	3/22/2018	0.0021ND	No	57	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-5	0.082	n/a	3/22/2018	0.082ND	No	30	90	n/a	0.001781	NP Inter (NDs) 1 of 2
Lead, Total (ug/L)	GWC-5	5.1	n/a	3/22/2018	0.35ND	No	72	79.17	n/a	0.000...	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0002	n/a	3/22/2018	0.0002ND	No	72	88.89	n/a	0.000...	NP Inter (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.04	n/a	3/22/2018	0.0019	No	57	96.49	n/a	0.000...	NP Inter (NDs) 1 of 2
pH (S.U.)	GWC-5	6.52	5.27	3/22/2018	5.9	No	42	0	n/a	0.002004	NP Inter (normality) ...
Selenium, Total (ug/L)	GWC-5	4.4	n/a	3/22/2018	38	Yes	72	91.67	n/a	0.000...	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-5	0.00011	n/a	3/22/2018	0.00011ND	No	57	100	n/a	0.000...	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-5	1.15	n/a	3/22/2018	400	Yes	30	90	n/a	0.001781	NP Inter (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-5	0.3	n/a	3/22/2018	0.085ND	No	72	98.61	n/a	0.000...	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-5	141.2	n/a	3/22/2018	1000	Yes	30	3.333	No	0.000...	Param Inter 1 of 2
Vanadium (mg/L)	GWC-5	0.013	n/a	3/22/2018	0.0018	No	57	36.84	n/a	0.000...	NP Inter (normality) ...
Zinc (mg/L)	GWC-5	0.0073	n/a	3/22/2018	0.0086	No	57	96.49	n/a	0.000...	NP Inter (NDs) 1 of 2

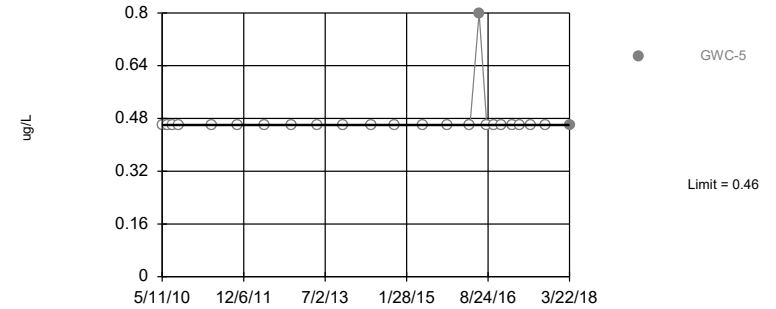
Within Limit Prediction Limit
Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 98.61% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Antimony, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

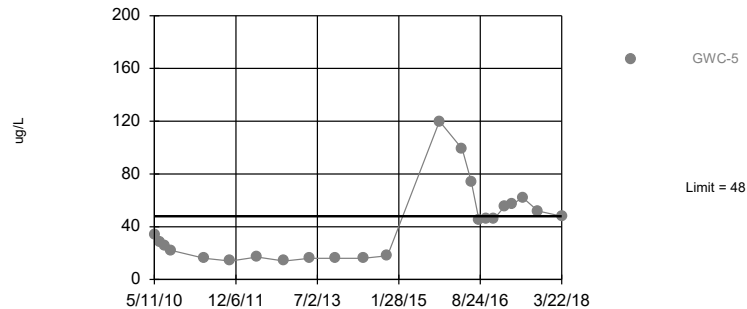
Within Limit Prediction Limit
Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 72) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Arsenic, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

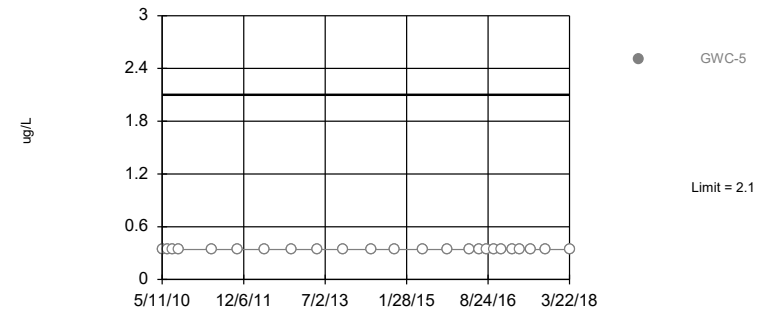
Within Limit Prediction Limit
Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 72 background values. 2.778% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Barium, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Interwell Non-parametric

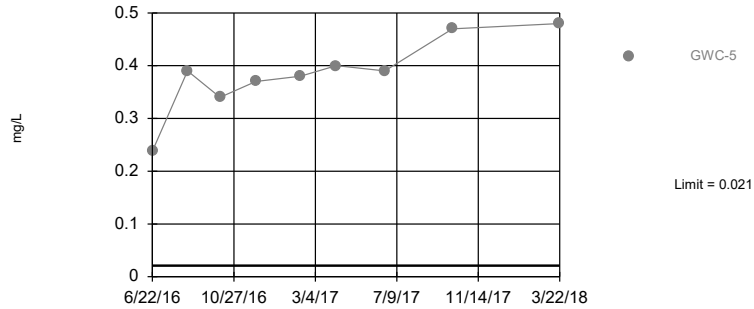


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 98.61% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Beryllium, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit
Interwell Non-parametric

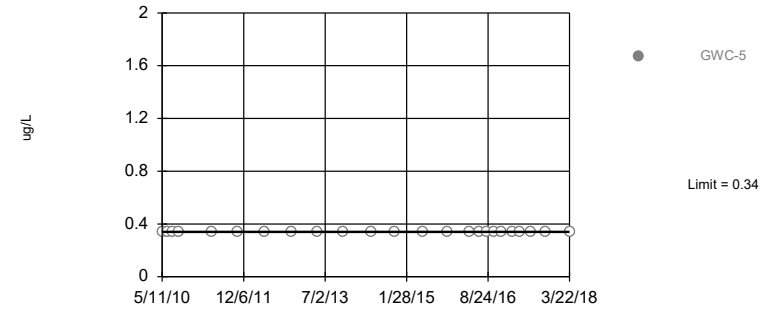


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 96.67% NDs. Annual per-constituent alpha = 0.05879. Individual comparison alpha = 0.001781 (1 of 2). Assumes 16 future values.

Constituent: Boron Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Interwell Non-parametric

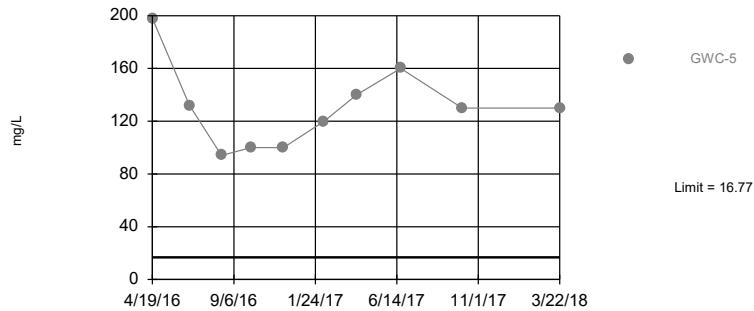


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 72) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Cadmium, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit
Interwell Parametric

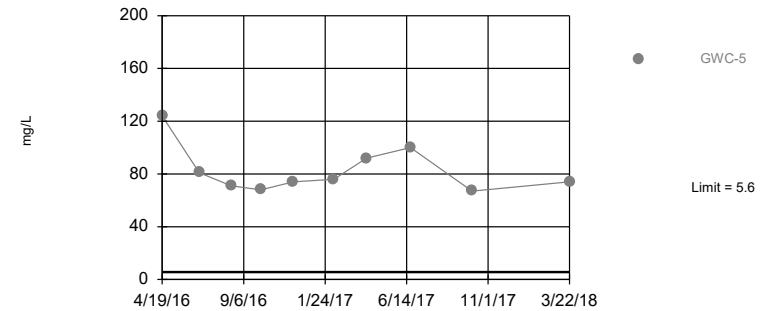


Background Data Summary (based on cube root transformation): Mean=1.915, Std. Dev.=0.2826, n=30. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9047, critical = 0.9. Kappa = 2.28 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0004426. Assumes 16 future values.

Constituent: Calcium Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit
Interwell Non-parametric



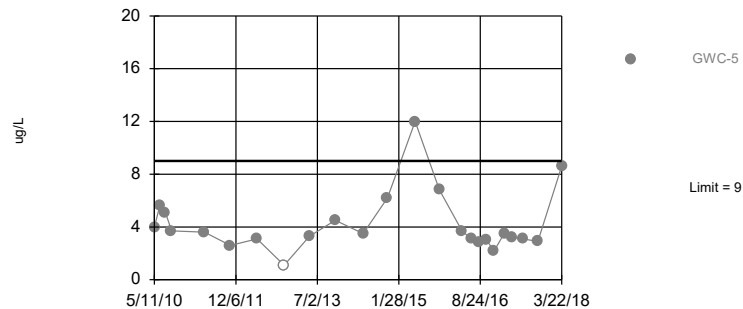
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. Annual per-constituent alpha = 0.05879. Individual comparison alpha = 0.001781 (1 of 2). Assumes 16 future values.

Constituent: Chloride Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Interwell Non-parametric



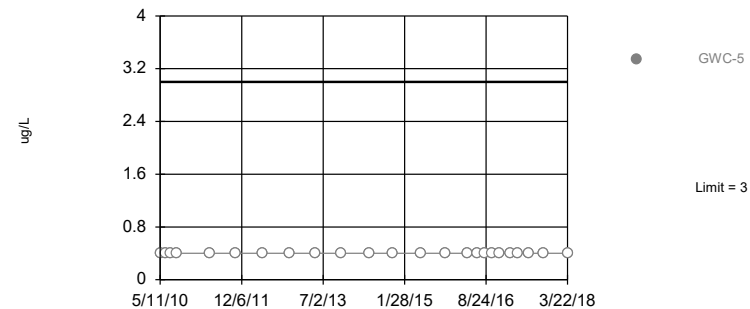
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 71 background values. 35.21% NDs. Annual per-constituent alpha = 0.01255. Individual comparison alpha = 0.0003713 (1 of 2). Assumes 16 future values.

Constituent: Chromium, Total Analysis Run 6/29/2018 12:25 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Interwell Non-parametric



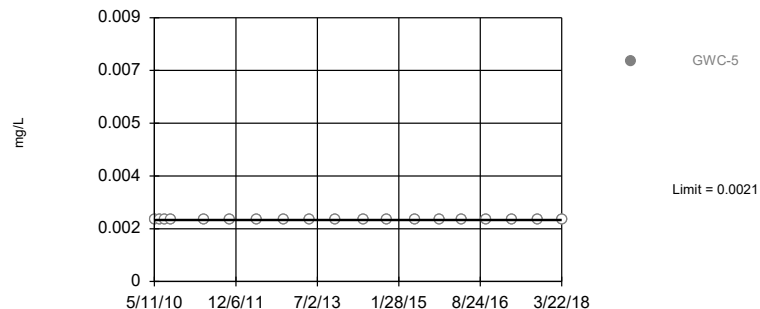
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 71 background values. 84.51% NDs. Annual per-constituent alpha = 0.01255. Individual comparison alpha = 0.0003713 (1 of 2). Assumes 16 future values.

Constituent: Cobalt, Total Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Interwell Non-parametric



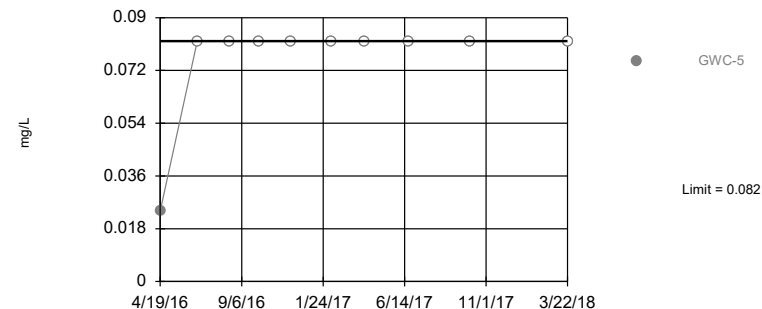
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 57) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Assumes 16 future values.

Constituent: Copper Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Interwell Non-parametric

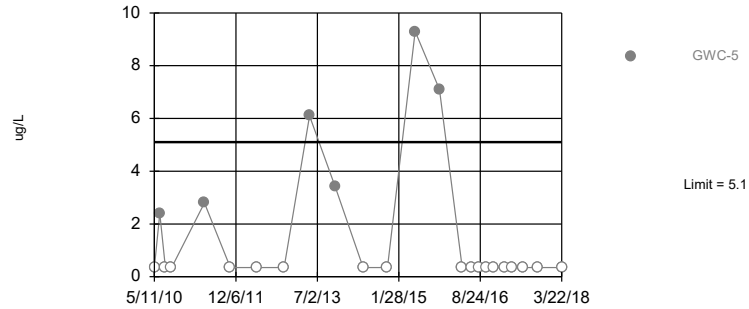


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Annual per-constituent alpha = 0.05879. Individual comparison alpha = 0.001781 (1 of 2). Assumes 16 future values.

Constituent: Fluoride Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Interwell Non-parametric

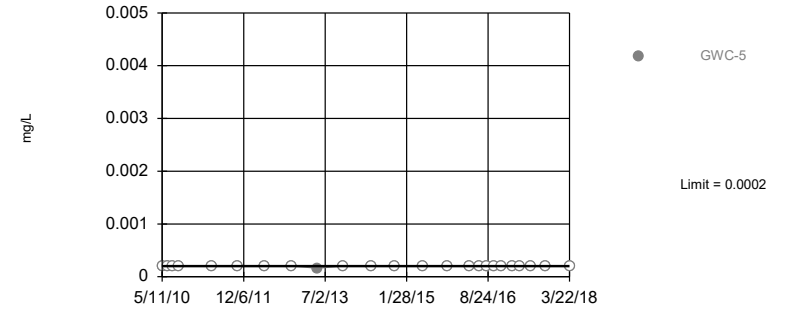


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 79.17% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Lead, Total Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Interwell Non-parametric

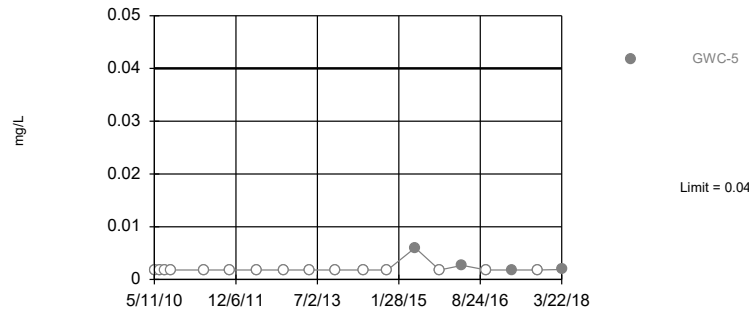


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 88.89% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Mercury Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Interwell Non-parametric

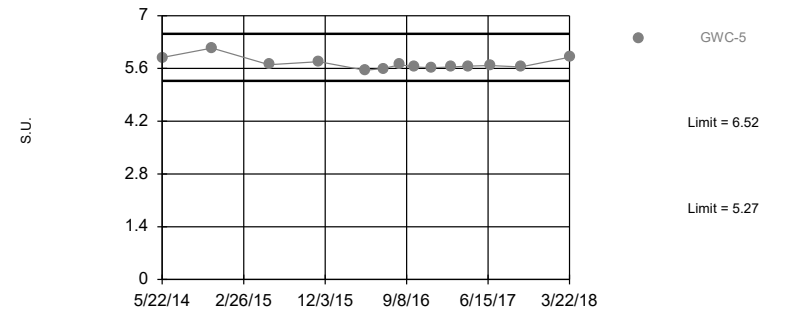


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 57 background values. 96.49% NDs. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Assumes 16 future values.

Constituent: Nickel Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG

Within Limits Prediction Limit
Interwell Non-parametric



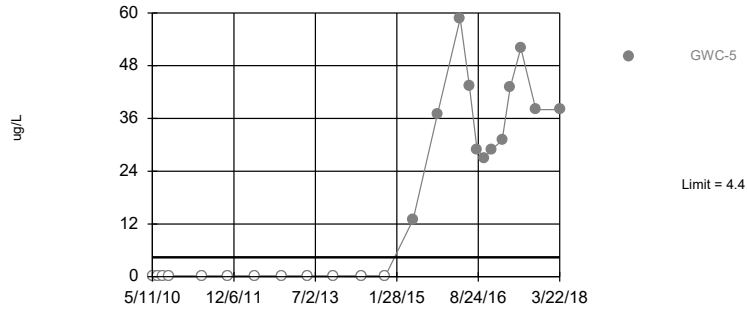
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 42 background values. Annual per-constituent alpha = 0.06702. Individual comparison alpha = 0.002004 (1 of 2). Assumes 16 future values.

Constituent: pH Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Exceeds Limit: GWC-5

Prediction Limit
Interwell Non-parametric



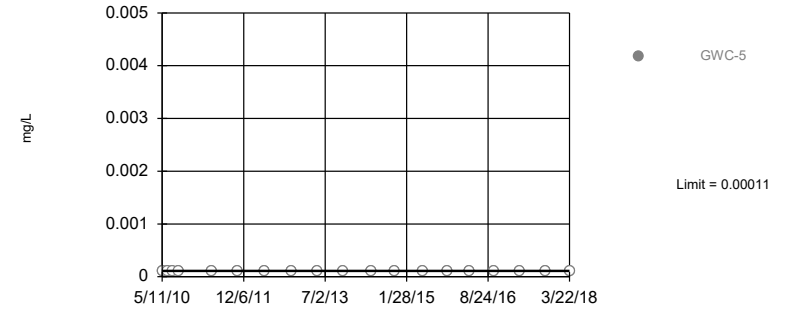
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 91.67% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Selenium, Total Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Interwell Non-parametric



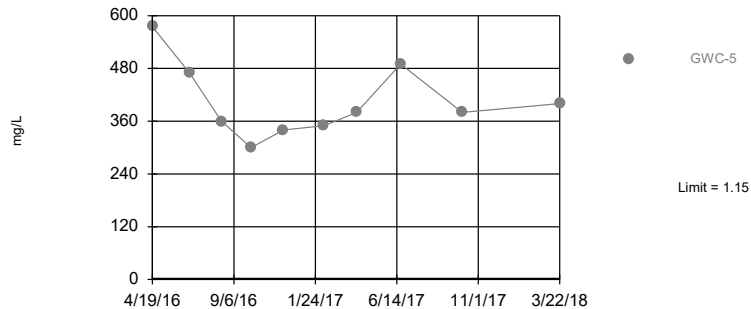
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 57) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Assumes 16 future values.

Constituent: Silver Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG

Exceeds Limit: GWC-5

Prediction Limit
Interwell Non-parametric



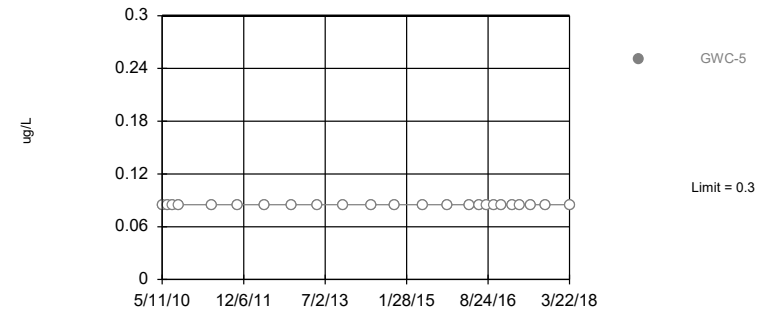
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Annual per-constituent alpha = 0.05879. Individual comparison alpha = 0.001781 (1 of 2). Assumes 16 future values.

Constituent: Sulfate Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Interwell Non-parametric

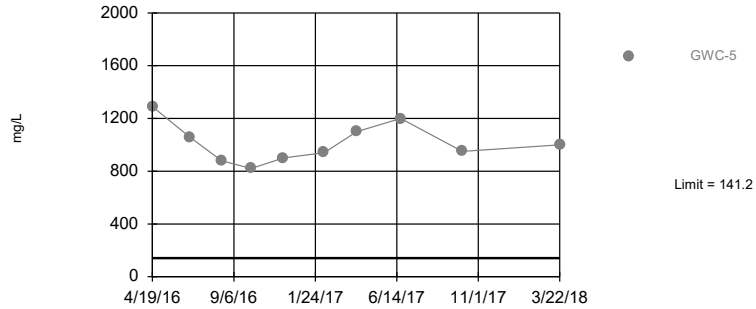


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 98.61% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Thallium, Total Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit: GWC-5

Prediction Limit
Interwell Parametric

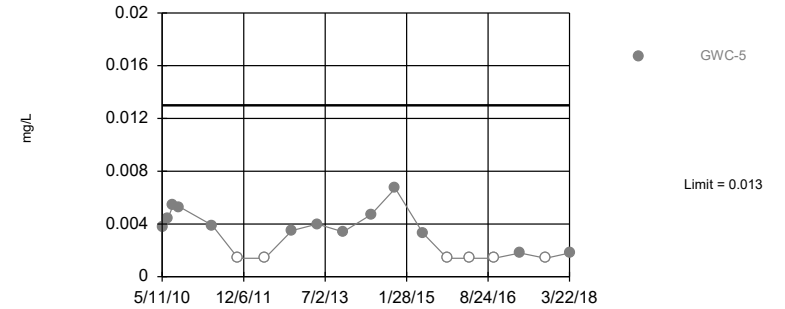


Background Data Summary: Mean=65.63, Std. Dev.=33.14, n=30, 3.333% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.972, critical = 0.9. Kappa = 2.28 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0004426. Assumes 16 future values.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Interwell Non-parametric

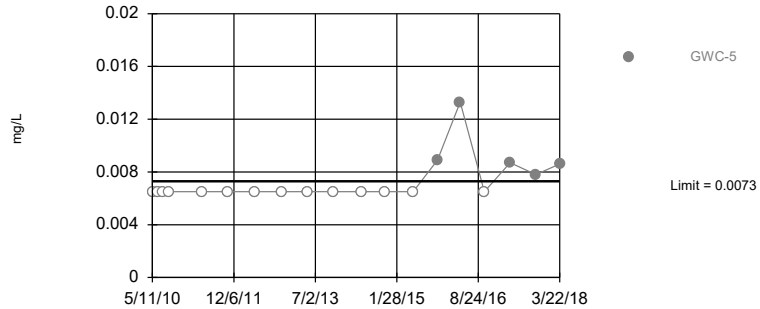


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 57 background values. 36.84% NDs. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Assumes 16 future values.

Constituent: Vanadium Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 57 background values. 96.49% NDs. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Assumes 16 future values.

Constituent: Zinc Analysis Run 6/29/2018 12:26 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Trend Test

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:22 AM

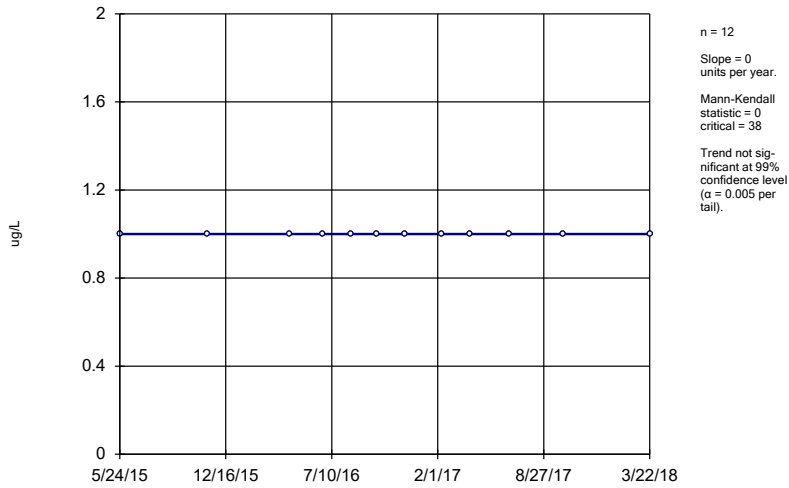
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Boron (mg/L)	GWC-5	0.106	27	25	Yes	9	0	n/a	n/a	0.01	NP

Trend Test

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 6/29/2018, 12:22 AM

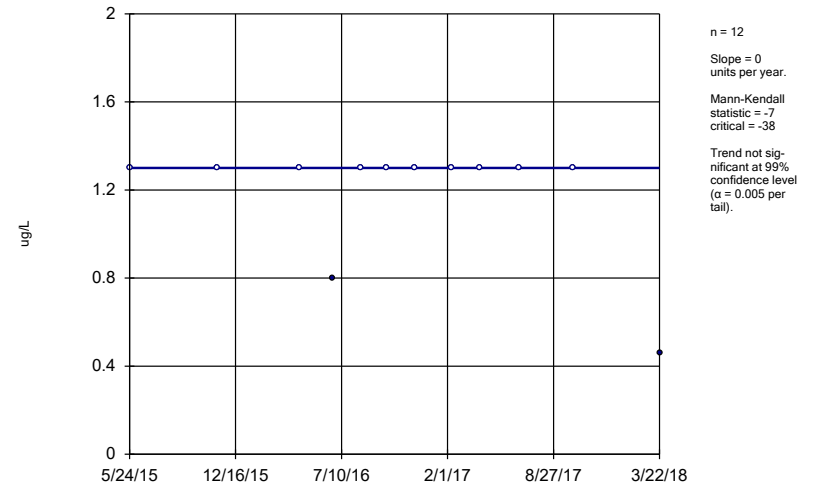
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Antimony, Total (ug/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Arsenic, Total (ug/L)	GWC-5	0	-7	-38	No	12	83.33	n/a	n/a	0.01	NP
Barium, Total (ug/L)	GWC-5	-14.87	-14	-34	No	11	0	n/a	n/a	0.01	NP
Beryllium, Total (ug/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-5	0.106	27	25	Yes	9	0	n/a	n/a	0.01	NP
Cadmium, Total (ug/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-5	10.14	5	30	No	10	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-5	-3.518	-6	-30	No	10	0	n/a	n/a	0.01	NP
Chromium, Total (ug/L)	GWC-5	-0.5674	-17	-38	No	12	0	n/a	n/a	0.01	NP
Cobalt, Total (ug/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Copper (mg/L)	GWC-5	0	0	18	No	7	100	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-5	0	9	30	No	10	90	n/a	n/a	0.01	NP
Lead, Total (ug/L)	GWC-5	0	-21	-38	No	12	83.33	n/a	n/a	0.01	NP
Mercury (mg/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Nickel (mg/L)	GWC-5	-0.00...	-12	-18	No	7	42.86	n/a	n/a	0.01	NP
pH (S.U.)	GWC-5	0.04259	10	38	No	12	0	n/a	n/a	0.01	NP
Selenium, Total (ug/L)	GWC-5	6.597	14	38	No	12	0	n/a	n/a	0.01	NP
Silver (mg/L)	GWC-5	0	0	18	No	7	100	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-5	17.59	2	30	No	10	0	n/a	n/a	0.01	NP
Thallium, Total (ug/L)	GWC-5	0	0	38	No	12	100	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-5	53.94	5	30	No	10	0	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-5	-0.00...	-12	-18	No	7	57.14	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-5	-0.00...	-12	-18	No	7	28.57	n/a	n/a	0.01	NP

Sen's Slope Estimator
GWC-5



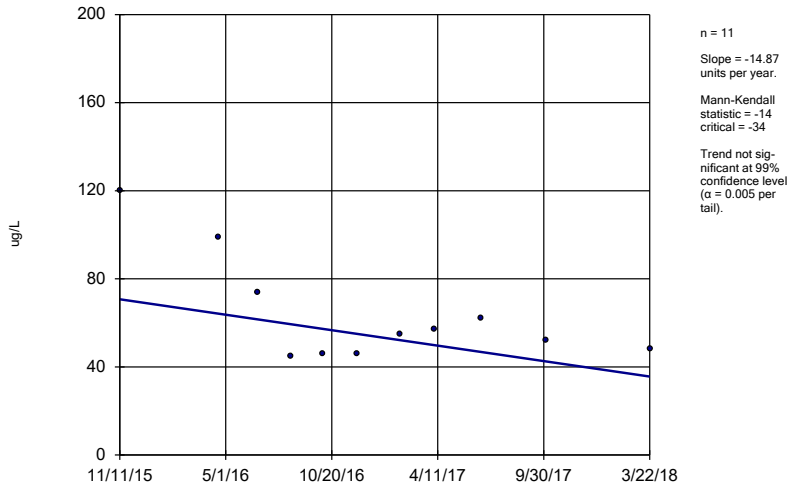
Constituent: Antimony, Total Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator
GWC-5



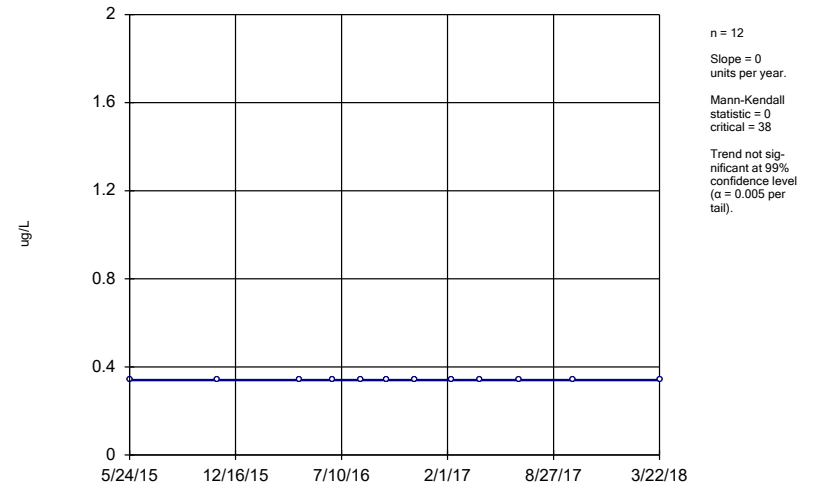
Constituent: Arsenic, Total Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator
GWC-5



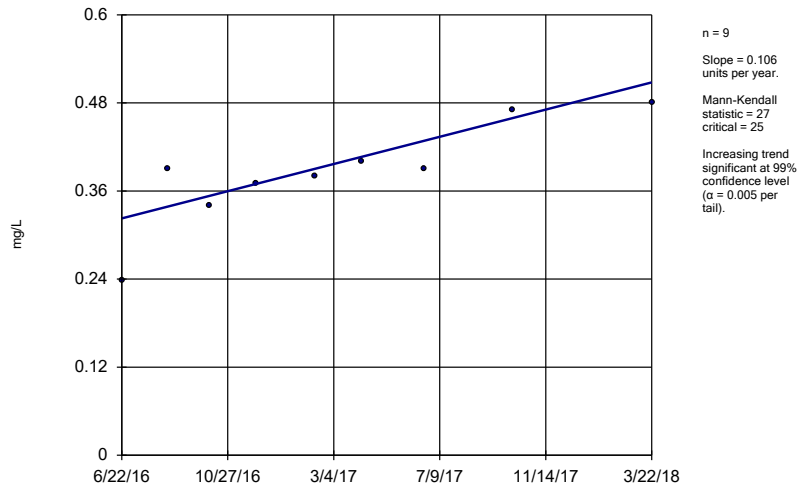
Constituent: Barium, Total Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator
GWC-5



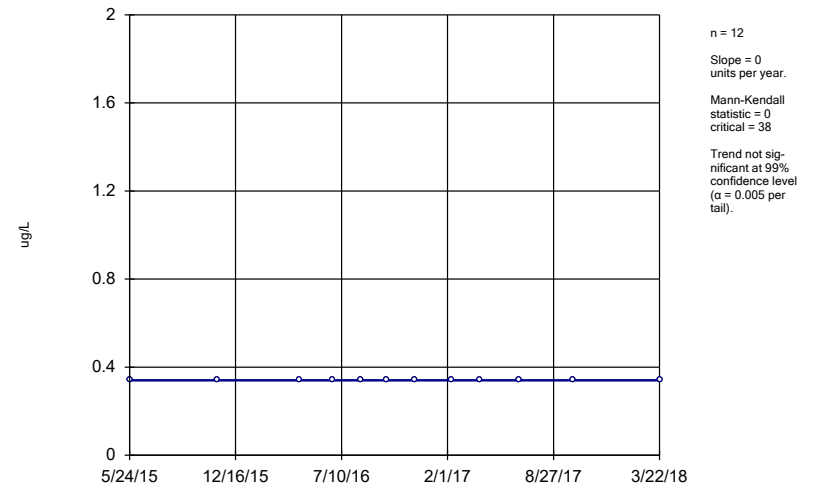
Constituent: Beryllium, Total Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator GWC-5



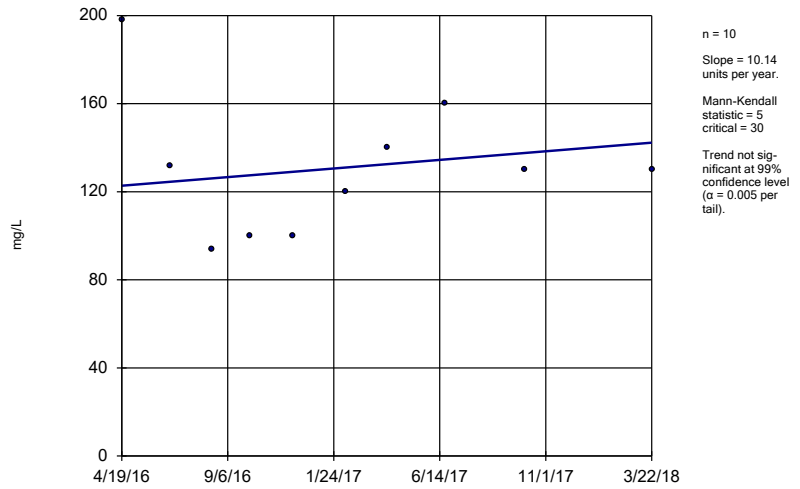
Constituent: Boron Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator GWC-5



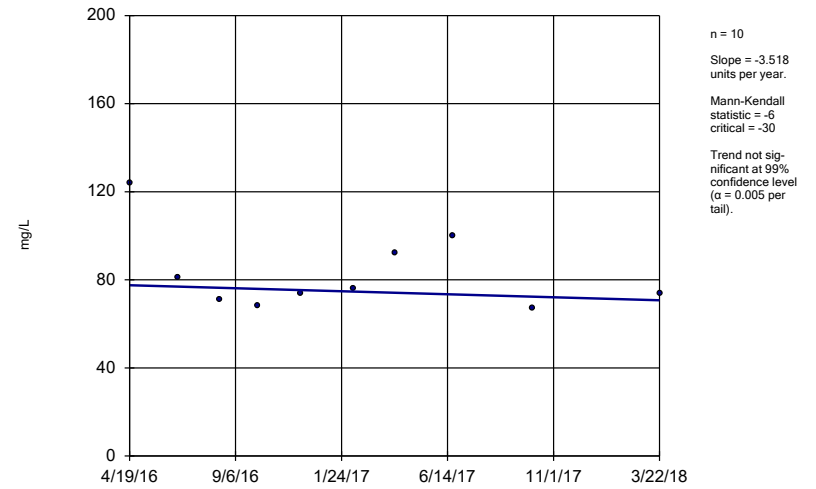
Constituent: Cadmium, Total Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator GWC-5



Constituent: Calcium Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

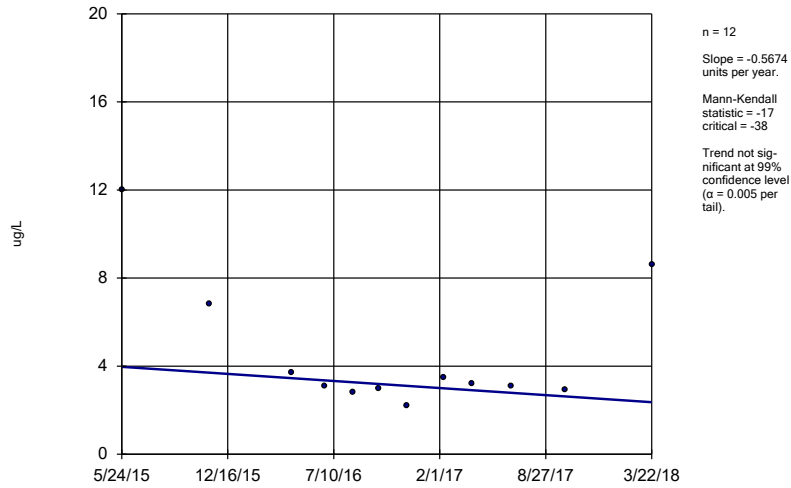
Sen's Slope Estimator GWC-5



Constituent: Chloride Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWC-5

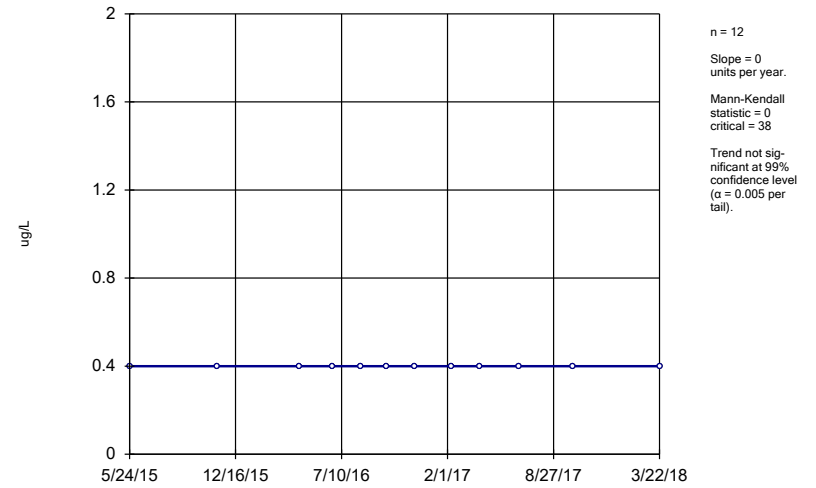


Constituent: Chromium, Total Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-5

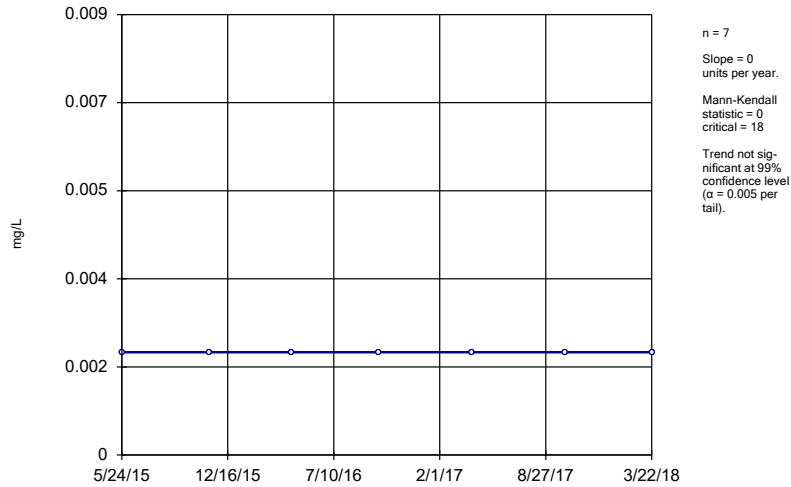


Constituent: Cobalt, Total Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-5

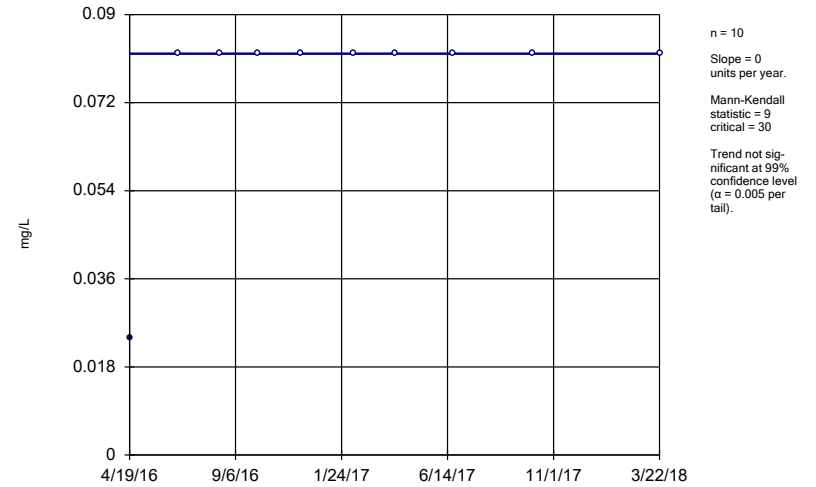


Constituent: Copper Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

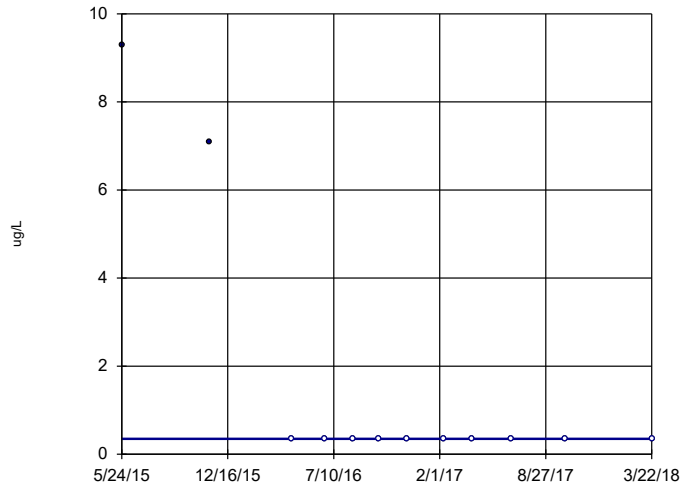
GWC-5



Constituent: Fluoride Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWC-5

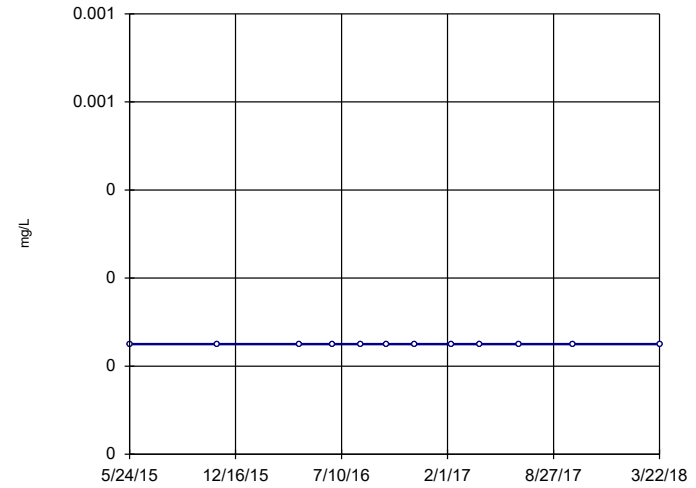


n = 12
Slope = 0
units per year.
Mann-Kendall
statistic = -21
critical = -38
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Lead, Total Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWC-5

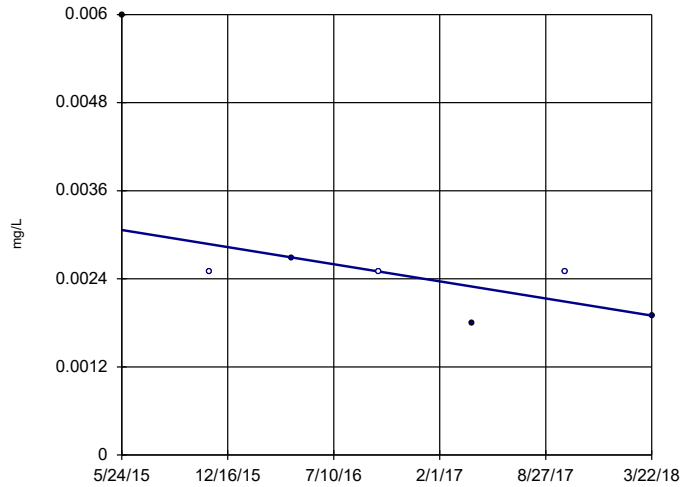


n = 12
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 38
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Mercury Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWC-5

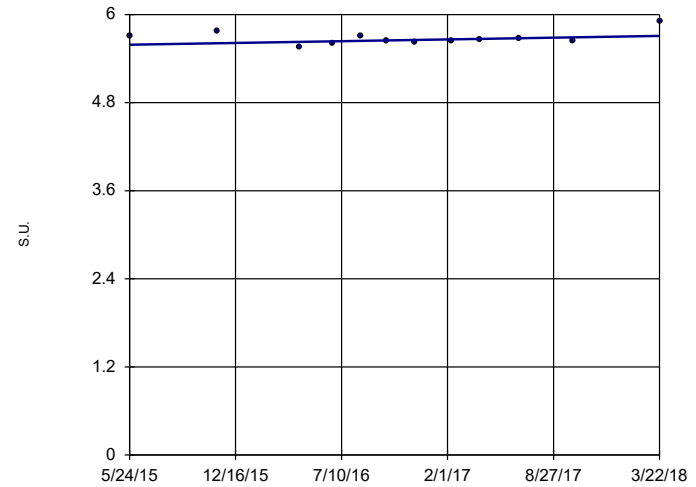


n = 7
Slope = -0.0004117
units per year.
Mann-Kendall
statistic = -12
critical = -18
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Nickel Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWC-5

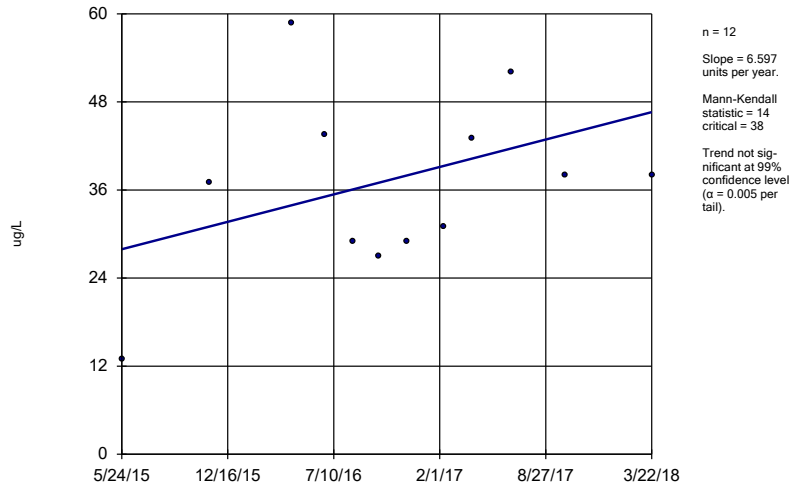


n = 12
Slope = 0.04259
units per year.
Mann-Kendall
statistic = 10
critical = 38
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: pH Analysis Run 6/29/2018 12:21 AM View: GWC-5
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWC-5

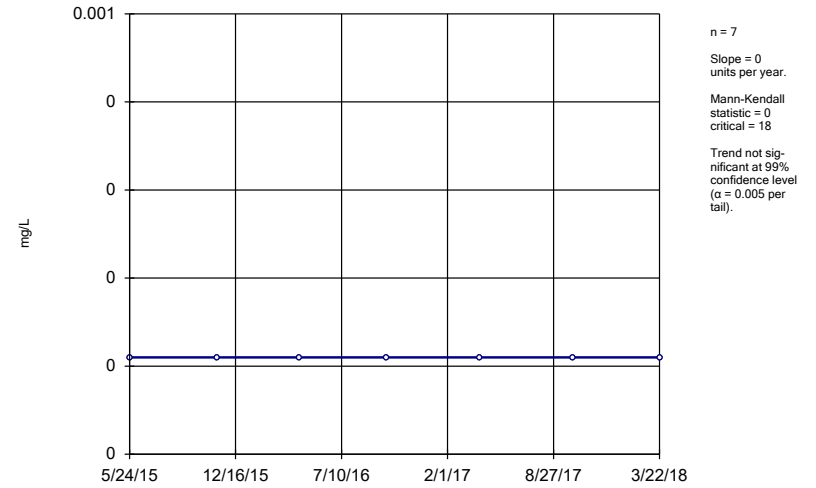


Constituent: Selenium, Total Analysis Run 6/29/2018 12:21 AM View: GWC-5
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

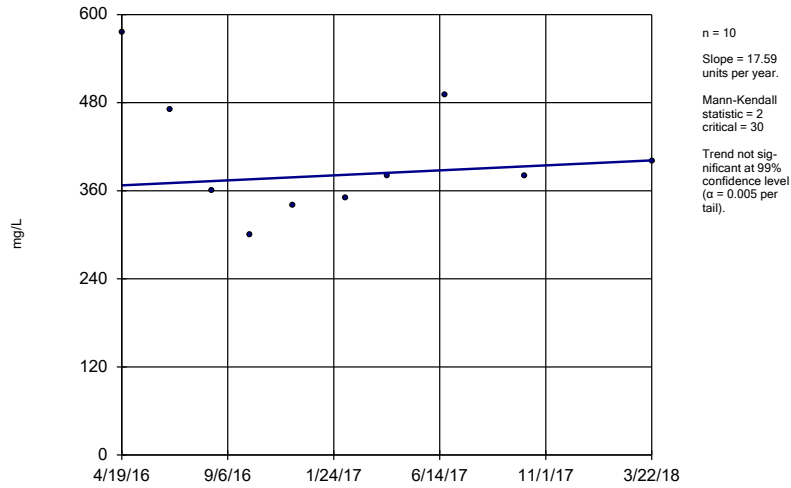
GWC-5



Constituent: Silver Analysis Run 6/29/2018 12:21 AM View: GWC-5
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWC-5

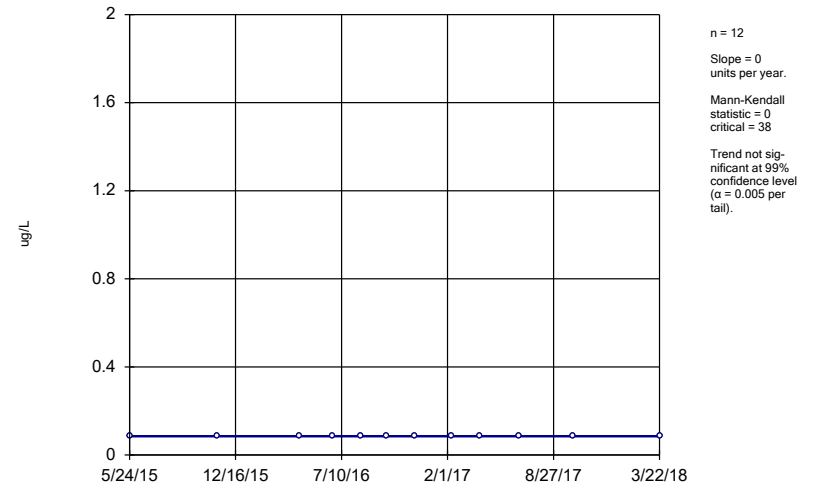


Constituent: Sulfate Analysis Run 6/29/2018 12:21 AM View: GWC-5
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

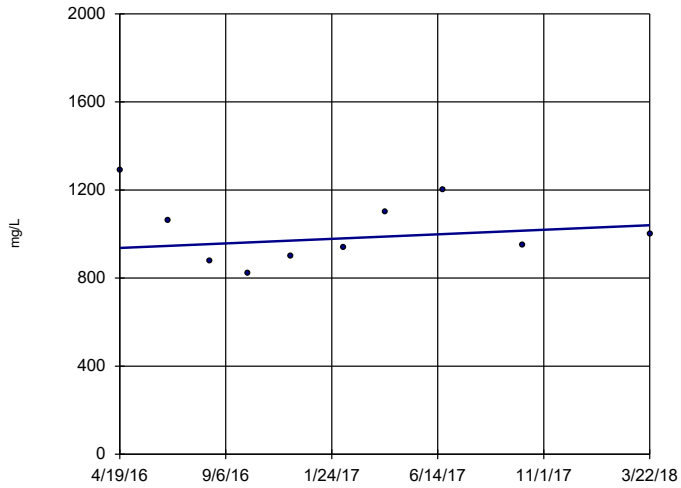
GWC-5



Constituent: Thallium, Total Analysis Run 6/29/2018 12:21 AM View: GWC-5
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sen's Slope Estimator

GWC-5



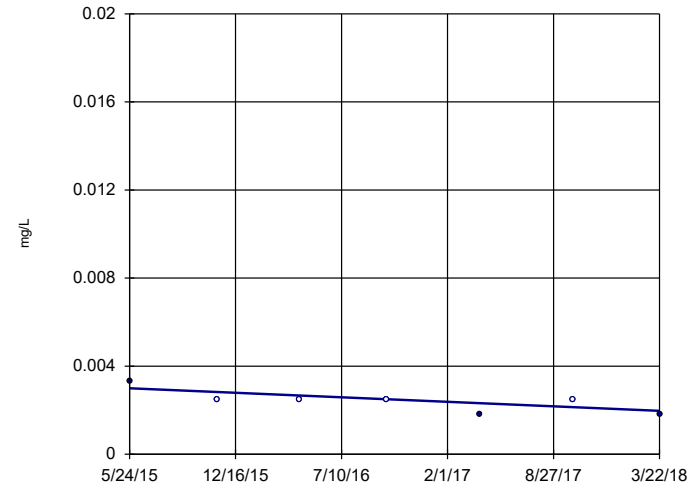
n = 10
 Slope = 53.94 units per year.
 Mann-Kendall statistic = 5
 critical = 30
 Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 12:21 AM View: GWC-5
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-5



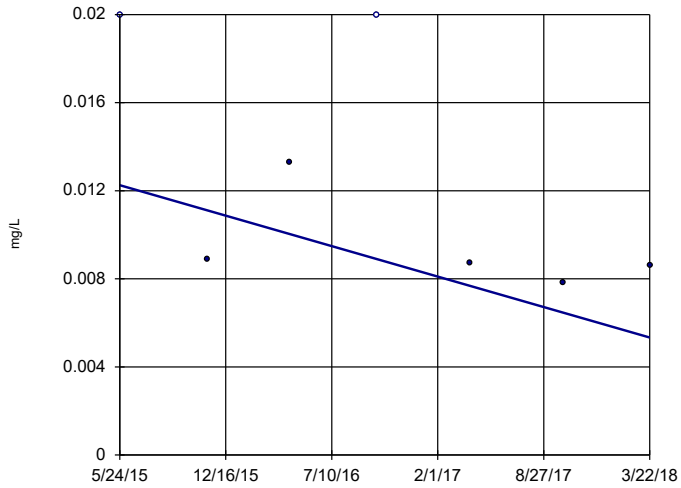
n = 7
 Slope = -0.000364 units per year.
 Mann-Kendall statistic = -12
 critical = -18
 Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 6/29/2018 12:21 AM View: GWC-5
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-5



n = 7
 Slope = -0.002444 units per year.
 Mann-Kendall statistic = -12
 critical = -18
 Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Zinc Analysis Run 6/29/2018 12:21 AM View: GWC-5
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Calcium (mg/L)	GWC-29	10.47	n/a	3/26/2018	11	Yes	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	13	n/a	3/26/2018	15	Yes	6	0	n/a	0.03391	NP Intra (normality) ...
Chloride (mg/L)	GWA-46	3.557	n/a	3/23/2018	3.6	Yes	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-53	10.14	n/a	3/26/2018	11	Yes	7	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-21	2.236	n/a	3/26/2018	2.3	Yes	8	12.5	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWC-52	16.13	n/a	3/26/2018	20	Yes	7	0	No	0.000458	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony, Total (mg/L)	GWA-21	0.001	n/a	3/26/2018	0.001ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-22	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-45	0.001	n/a	3/22/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-46	0.001	n/a	3/23/2018	0.001ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-47	0.001	n/a	3/22/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-48	0.001	n/a	3/23/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-49	0.001	n/a	3/22/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-29	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-50	0.001	n/a	3/23/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-51	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-52	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-53	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-21	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-22	0.00046	n/a	3/26/2018	0.00046ND	No	20	100	n/a	0.004291	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-45	0.00046	n/a	3/22/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-46	0.00046	n/a	3/23/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-47	0.00046	n/a	3/22/2018	0.00046ND	No	20	100	n/a	0.004291	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-48	0.00046	n/a	3/23/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-49	0.00053	n/a	3/22/2018	0.00046ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-29	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-50	0.00052	n/a	3/23/2018	0.00046ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-51	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-52	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-53	0.0011	n/a	3/26/2018	0.00046ND	No	19	94.74	n/a	0.004832	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-21	0.03102	n/a	3/26/2018	0.026	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-22	0.03251	n/a	3/26/2018	0.022	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-45	0.06131	n/a	3/22/2018	0.0495	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-46	0.02254	n/a	3/23/2018	0.02	No	20	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-47	0.088	n/a	3/22/2018	0.024	No	21	0	n/a	0.003999	NP Intra (normality) ...
Barium, Total (mg/L)	GWA-48	0.031	n/a	3/23/2018	0.012	No	19	0	n/a	0.004832	NP Intra (normality) ...
Barium, Total (mg/L)	GWA-49	0.02333	n/a	3/22/2018	0.018	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-29	0.01891	n/a	3/26/2018	0.015	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-50	0.01518	n/a	3/23/2018	0.011	No	20	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-51	0.0129	n/a	3/26/2018	0.0094	No	20	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-52	0.01498	n/a	3/26/2018	0.013	No	20	0	x^2	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-53	0.1344	n/a	3/26/2018	0.05	No	21	9.524	No	0.000458	Param Intra 1 of 2
Beryllium, Total (mg/L)	GWA-21	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-22	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-45	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-46	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-47	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-48	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-49	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-29	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-50	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-51	0.00034	n/a	3/26/2018	0.00034ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-52	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-53	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-21	0.021	n/a	3/26/2018	0.021ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-22	0.021	n/a	3/26/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Boron (mg/L)	GWA-45	1.032	n/a	3/22/2018	0.66	No	8	0	No	0.000458	Param Intra 1 of 2
Boron (mg/L)	GWA-46	0.021	n/a	3/23/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-47	0.021	n/a	3/22/2018	0.021ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.021	n/a	3/23/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-49	0.021	n/a	3/22/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.021	n/a	3/26/2018	0.021ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-50	0.021	n/a	3/23/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-51	0.021	n/a	3/26/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-52	0.021	n/a	3/26/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.12	n/a	3/26/2018	0.91	No	8	0	No	0.000458	Param Intra 1 of 2
Cadmium, Total (mg/L)	GWA-21	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-22	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-45	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-46	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-47	0.0016	n/a	3/22/2018	0.00034ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-48	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-49	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-29	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-50	0.00034	n/a	3/23/2018	0.00034ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-51	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-52	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-53	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-21	12.64	n/a	3/26/2018	9.3	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-22	9.757	n/a	3/26/2018	8.7	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-45	47.03	n/a	3/22/2018	39	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-46	7.155	n/a	3/23/2018	6.6	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	12.37	n/a	3/22/2018	11	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-48	14.7	n/a	3/23/2018	13	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-49	14.2	n/a	3/22/2018	14	No	7	0	n/a	0.02765	NP Intra (normality) ...
Calcium (mg/L)	GWC-29	10.47	n/a	3/26/2018	11	Yes	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-50	8.352	n/a	3/23/2018	7.5	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-51	8.174	n/a	3/26/2018	7	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	13	n/a	3/26/2018	15	Yes	6	0	n/a	0.03391	NP Intra (normality) ...
Calcium (mg/L)	GWC-53	21.11	n/a	3/26/2018	19	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-21	4.12	n/a	3/26/2018	3.8	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-22	6.389	n/a	3/26/2018	1.9	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-45	11.24	n/a	3/22/2018	9.7	No	8	0	x^2	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-46	3.557	n/a	3/23/2018	3.6	Yes	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-47	1.813	n/a	3/22/2018	1.3	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-48	2.008	n/a	3/23/2018	1.6	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-49	2.536	n/a	3/22/2018	1.9	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-29	4.329	n/a	3/26/2018	3.1	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-50	2.225	n/a	3/23/2018	1.9	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-51	7.154	n/a	3/26/2018	6.6	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-52	8.927	n/a	3/26/2018	7.8	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-53	10.14	n/a	3/26/2018	11	Yes	7	0	No	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-21	0.01153	n/a	3/26/2018	0.0011	No	21	19.05	sqrt(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-22	0.01316	n/a	3/26/2018	0.0088	No	20	5	No	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-45	0.0042	n/a	3/22/2018	0.0011ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-46	0.01059	n/a	3/23/2018	0.0045	No	21	4.762	ln(x)	0.000458	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chromium, Total (mg/L)	GWA-47	0.07483	n/a	3/22/2018	0.0074	No	21	9.524	ln(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-48	0.02881	n/a	3/23/2018	0.005	No	21	9.524	sqrt(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-49	0.01171	n/a	3/22/2018	0.0051	No	21	4.762	sqrt(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-29	0.01	n/a	3/26/2018	0.0013	No	20	45	n/a	0.004291	NP Intra (normality) ...
Chromium, Total (mg/L)	GWC-50	0.0119	n/a	3/23/2018	0.0042	No	21	9.524	ln(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-51	0.01	n/a	3/26/2018	0.0028	No	21	14.29	n/a	0.003999	NP Intra (normality) ...
Chromium, Total (mg/L)	GWC-52	0.01536	n/a	3/26/2018	0.012	No	21	4.762	No	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-53	0.01	n/a	3/26/2018	0.0014	No	20	40	n/a	0.004291	NP Intra (normality) ...
Cobalt, Total (mg/L)	GWA-21	0.0025	n/a	3/26/2018	0.00088	No	21	80.95	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-22	0.0038	n/a	3/26/2018	0.0004ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-45	0.01974	n/a	3/22/2018	0.0015	No	20	30	ln(x)	0.000458	Param Intra 1 of 2
Cobalt, Total (mg/L)	GWA-46	0.0004	n/a	3/23/2018	0.0004ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-47	0.0048	n/a	3/22/2018	0.0004ND	No	21	80.95	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-48	0.0039	n/a	3/23/2018	0.0004ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-49	0.0004	n/a	3/22/2018	0.0004ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-29	0.0004	n/a	3/26/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-50	0.0004	n/a	3/23/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-51	0.0004	n/a	3/26/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-52	0.0004	n/a	3/26/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-53	0.01731	n/a	3/26/2018	0.0069	No	21	9.524	No	0.000458	Param Intra 1 of 2
Copper, Total (mg/L)	GWA-21	0.0028	n/a	3/26/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-22	0.078	n/a	3/26/2018	0.0021ND	No	16	87.5	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-45	0.0034	n/a	3/22/2018	0.0021ND	No	16	75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-46	0.021	n/a	3/23/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-47	0.06808	n/a	3/22/2018	0.0021ND	No	16	12.5	sqrt(x)	0.000458	Param Intra 1 of 2
Copper, Total (mg/L)	GWA-48	0.013	n/a	3/23/2018	0.0021ND	No	16	50	n/a	0.006456	NP Intra (normality) ...
Copper, Total (mg/L)	GWA-49	0.0021	n/a	3/22/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-29	0.0031	n/a	3/26/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-50	0.0031	n/a	3/23/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-51	0.0021	n/a	3/26/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-52	0.0021	n/a	3/26/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-53	0.0021	n/a	3/26/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-21	0.082	n/a	3/26/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.082	n/a	3/26/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.082	n/a	3/22/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.082	n/a	3/23/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.082	n/a	3/22/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.1	n/a	3/23/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-49	0.082	n/a	3/22/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.082	n/a	3/26/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.082	n/a	3/23/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.082	n/a	3/26/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.082	n/a	3/26/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.082	n/a	3/26/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-21	0.0044	n/a	3/26/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-22	0.0048	n/a	3/26/2018	0.00035ND	No	21	76.19	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-45	0.005	n/a	3/22/2018	0.00035ND	No	21	66.67	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-46	0.0037	n/a	3/23/2018	0.00035ND	No	21	76.19	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-47	0.0062	n/a	3/22/2018	0.00096	No	21	61.9	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-48	0.0064	n/a	3/23/2018	0.00035ND	No	21	61.9	n/a	0.003999	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Lead, Total (mg/L)	GWA-49	0.0062	n/a	3/22/2018	0.00035ND	No	21	57.14	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-29	0.0038	n/a	3/26/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-50	0.0043	n/a	3/23/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-51	0.0035	n/a	3/26/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-52	0.006	n/a	3/26/2018	0.0034	No	21	61.9	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-53	0.0026	n/a	3/26/2018	0.00035ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-21	0.0002	n/a	3/26/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-22	0.0002	n/a	3/26/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-45	0.00007	n/a	3/22/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-46	0.00011	n/a	3/23/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-47	0.000081	n/a	3/22/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-48	0.000084	n/a	3/23/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-49	0.00007	n/a	3/22/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-29	0.00007	n/a	3/26/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-50	0.0002	n/a	3/23/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-51	0.00007	n/a	3/26/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-52	0.000082	n/a	3/26/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-53	0.0002	n/a	3/26/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-21	0.0018	n/a	3/26/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-22	0.003	n/a	3/26/2018	0.0018ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-45	0.0018	n/a	3/22/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-46	0.0035	n/a	3/23/2018	0.0018ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-47	0.022	n/a	3/22/2018	0.0018ND	No	16	50	n/a	0.006456	NP Intra (normality) ...
Nickel, Total (mg/L)	GWA-48	0.0225	n/a	3/23/2018	0.0018ND	No	16	43.75	ln(x)	0.000458	Param Intra 1 of 2
Nickel, Total (mg/L)	GWA-49	0.0018	n/a	3/22/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-29	0.0047	n/a	3/26/2018	0.0037	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.0018	n/a	3/23/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-51	0.0025	n/a	3/26/2018	0.0021	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-52	0.0018	n/a	3/26/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-53	0.008659	n/a	3/26/2018	0.0075	No	15	6.667	No	0.000458	Param Intra 1 of 2
pH (S.U.)	GWA-21	6.009	5.575	3/26/2018	5.76	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-22	6.351	5.483	3/26/2018	6.06	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-45	6.595	5.613	3/22/2018	6.2	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-46	6.83	5.71	3/23/2018	5.89	No	10	0	n/a	0.02952	NP Intra (normality) ...
pH (S.U.)	GWA-47	6.595	6.252	3/22/2018	6.46	No	11	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-48	7.013	6.451	3/23/2018	6.92	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-49	7.135	6.527	3/22/2018	7	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-29	5.925	5.673	3/26/2018	5.91	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-50	6.006	5.643	3/23/2018	5.98	No	11	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-51	8.36	5.76	3/26/2018	5.98	No	12	0	n/a	0.02155	NP Intra (normality) ...
pH (S.U.)	GWC-52	7.63	6.53	3/26/2018	6.77	No	12	0	n/a	0.02155	NP Intra (normality) ...
pH (S.U.)	GWC-53	7.725	5.48	3/26/2018	5.78	No	11	0	n/a	0.02553	NP Intra (normality) ...
Selenium, Total (mg/L)	GWA-21	0.0072	n/a	3/26/2018	0.00024ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-22	0.0048	n/a	3/26/2018	0.00024ND	No	21	85.71	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-45	0.0093	n/a	3/22/2018	0.00024ND	No	21	80.95	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-46	0.00024	n/a	3/23/2018	0.00024ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-47	0.0064	n/a	3/22/2018	0.00024ND	No	20	90	n/a	0.004291	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-48	0.0077	n/a	3/23/2018	0.00024ND	No	21	85.71	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-49	0.0041	n/a	3/22/2018	0.00024ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-29	0.0044	n/a	3/26/2018	0.00024ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Selenium, Total (mg/L)	GWC-50	0.0042	n/a	3/23/2018	0.00024ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-51	0.00024	n/a	3/26/2018	0.00024ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-52	0.0067	n/a	3/26/2018	0.00024ND	No	21	76.19	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-53	0.0025	n/a	3/26/2018	0.00024ND	No	21	85.71	n/a	0.003999	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-21	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-22	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-45	0.00011	n/a	3/22/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-46	0.00011	n/a	3/23/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-47	0.00011	n/a	3/22/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-48	0.00011	n/a	3/23/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-49	0.00011	n/a	3/22/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-29	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-50	0.00011	n/a	3/23/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-51	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-52	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-53	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-21	2.236	n/a	3/26/2018	2.3	Yes	8	12.5	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-22	0.7	n/a	3/26/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	192.8	n/a	3/22/2018	150	No	8	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	0.7	n/a	3/23/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	0.7	n/a	3/22/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	1.756	n/a	3/23/2018	1.3	No	8	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-49	0.7	n/a	3/22/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	2.954	n/a	3/26/2018	2.4	No	8	12.5	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWC-50	0.7	n/a	3/23/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-51	0.7	n/a	3/26/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	16.13	n/a	3/26/2018	20	Yes	7	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWC-53	178.5	n/a	3/26/2018	160	No	8	0	No	0.000458	Param Intra 1 of 2
Thallium, Total (mg/L)	GWA-21	0.00048	n/a	3/26/2018	0.000085ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-22	0.00086	n/a	3/26/2018	0.000085ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-45	0.00032	n/a	3/22/2018	0.000085ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-46	0.000085	n/a	3/23/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-47	0.000085	n/a	3/22/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-48	0.000085	n/a	3/23/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-49	0.000085	n/a	3/22/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-29	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-50	0.00028	n/a	3/23/2018	0.000085ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-51	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-52	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-53	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWA-21	117.2	n/a	3/26/2018	94	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-22	131.8	n/a	3/26/2018	56	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-45	319.8	n/a	3/22/2018	310	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-46	96.35	n/a	3/23/2018	52	No	8	12.5	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-47	125.9	n/a	3/22/2018	92	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-48	133.1	n/a	3/23/2018	86	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-49	125.1	n/a	3/22/2018	100	No	7	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-29	132.7	n/a	3/26/2018	58	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-50	123.7	n/a	3/23/2018	96	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-51	96.73	n/a	3/26/2018	72	No	7	0	No	0.000458	Param Intra 1 of 2

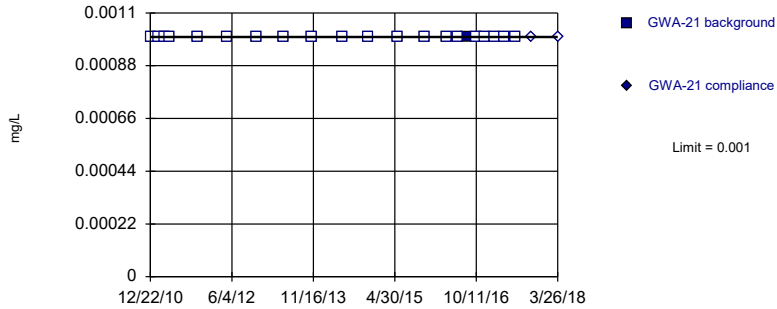
Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Total Dissolved Solids (mg/L)	GWC-52	149.8	n/a	3/26/2018	98	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-53	293.1	n/a	3/26/2018	240	No	8	0	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-21	0.0028	n/a	3/26/2018	0.0014	No	16	75	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-22	0.0052	n/a	3/26/2018	0.0029	No	16	68.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-45	0.0062	n/a	3/22/2018	0.0014ND	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-46	0.02	n/a	3/23/2018	0.0032	No	16	12.5	n/a	0.006456	NP Intra (normality) ...
Vanadium, Total (mg/L)	GWA-47	0.04287	n/a	3/22/2018	0.0068	No	16	6.25	sqrt(x)	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-48	0.02471	n/a	3/23/2018	0.016	No	15	6.667	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-49	0.02405	n/a	3/22/2018	0.018	No	16	0	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-29	0.009002	n/a	3/26/2018	0.0037	No	16	6.25	sqrt(x)	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-50	0.0044	n/a	3/23/2018	0.0023	No	16	43.75	n/a	0.006456	NP Intra (normality) ...
Vanadium, Total (mg/L)	GWC-51	0.006918	n/a	3/26/2018	0.004	No	16	25	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-52	0.01464	n/a	3/26/2018	0.0096	No	14	0	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-53	0.0136	n/a	3/26/2018	0.0014ND	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-21	0.0065	n/a	3/26/2018	0.0065ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-22	0.039	n/a	3/26/2018	0.0065ND	No	15	93.33	n/a	0.007533	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-45	0.0065	n/a	3/22/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-46	0.013	n/a	3/23/2018	0.0065ND	No	16	87.5	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-47	0.014	n/a	3/22/2018	0.0065ND	No	15	86.67	n/a	0.007533	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-48	0.0065	n/a	3/23/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-49	0.0065	n/a	3/22/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-29	0.0065	n/a	3/26/2018	0.0065ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-50	0.0065	n/a	3/23/2018	0.0065ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-51	0.0065	n/a	3/26/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-52	0.0065	n/a	3/26/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-53	0.01959	n/a	3/26/2018	0.016	No	15	0	No	0.000458	Param Intra 1 of 2

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Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

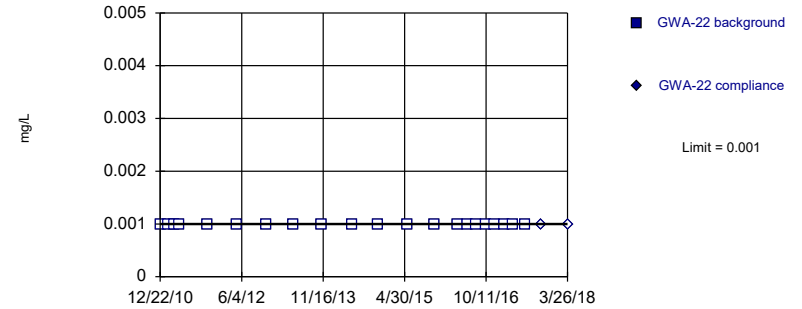


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
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Within Limit Prediction Limit
Intrawell Non-parametric

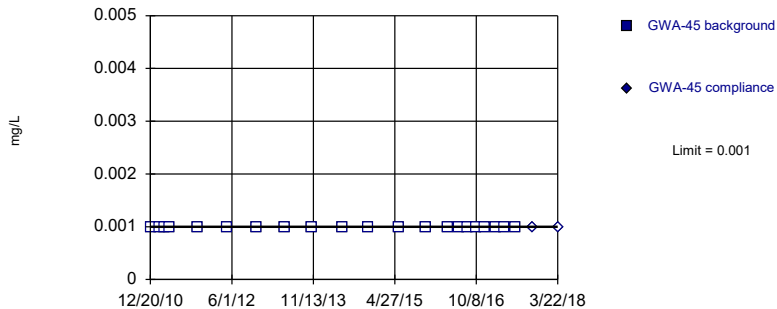


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Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

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Within Limit Prediction Limit
Intrawell Non-parametric

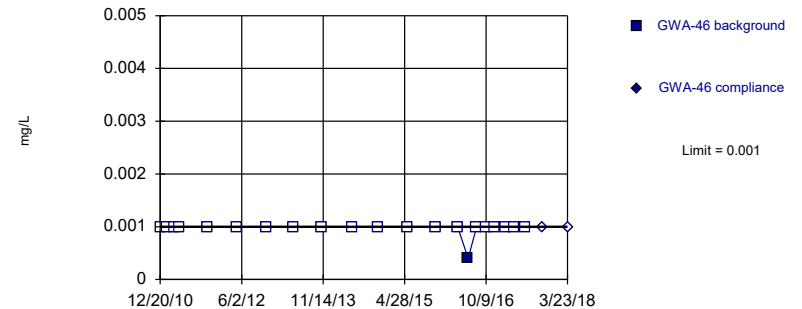


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Within Limit Prediction Limit
Intrawell Non-parametric



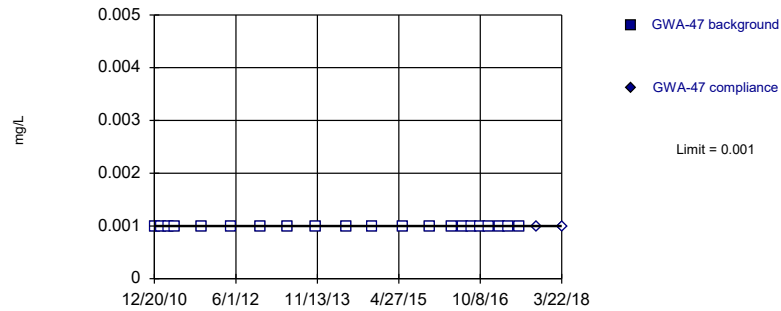
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Within Limit

Prediction Limit Intrawell Non-parametric



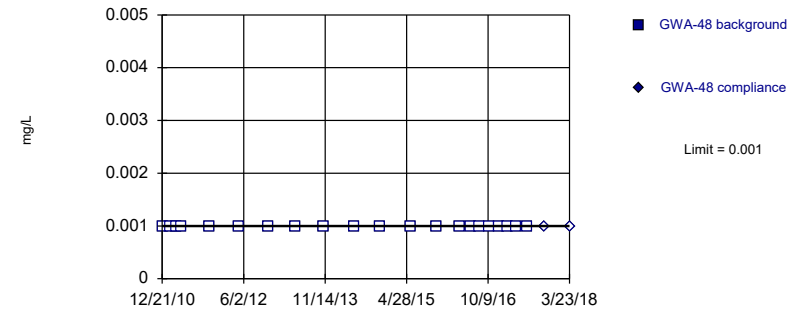
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



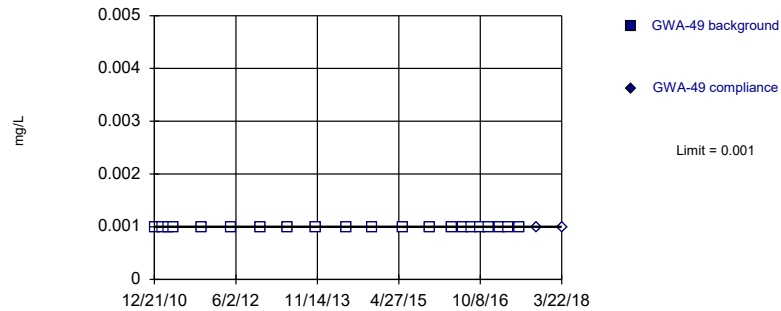
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Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



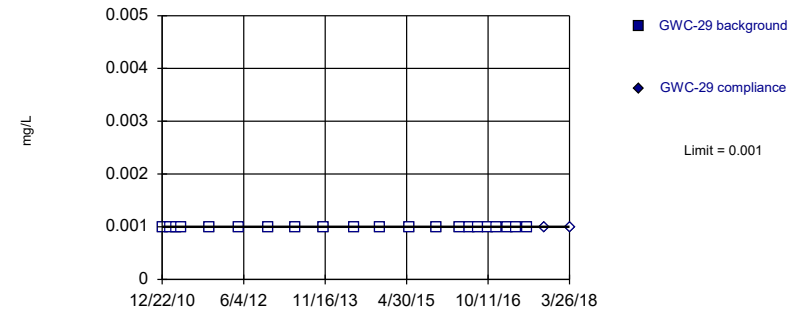
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

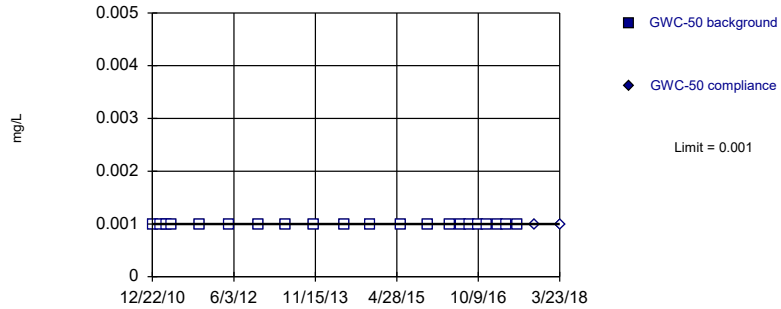


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Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

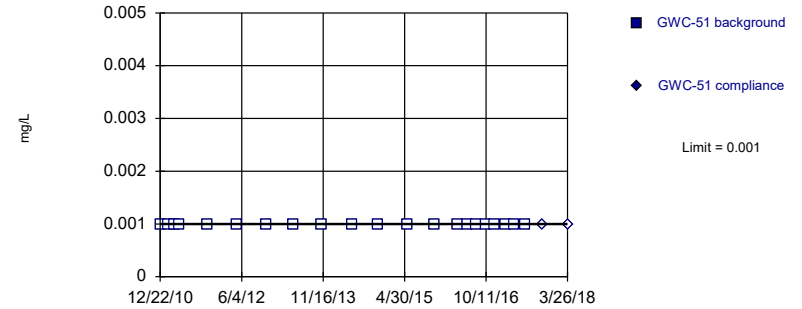


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Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

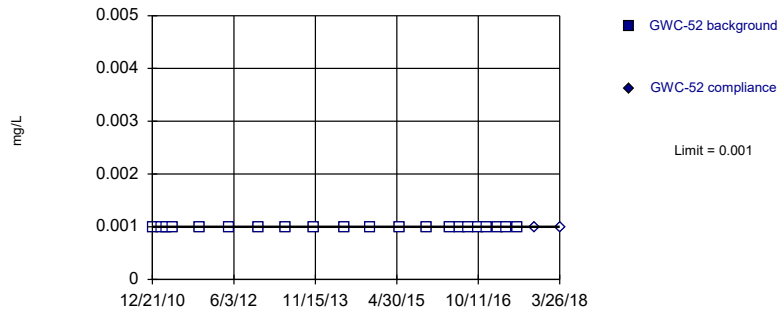


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Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

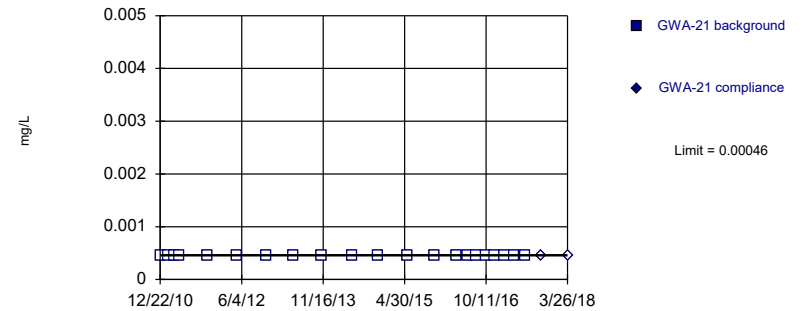


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

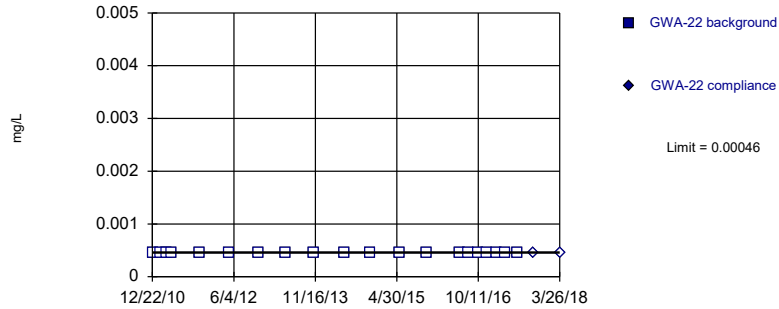


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

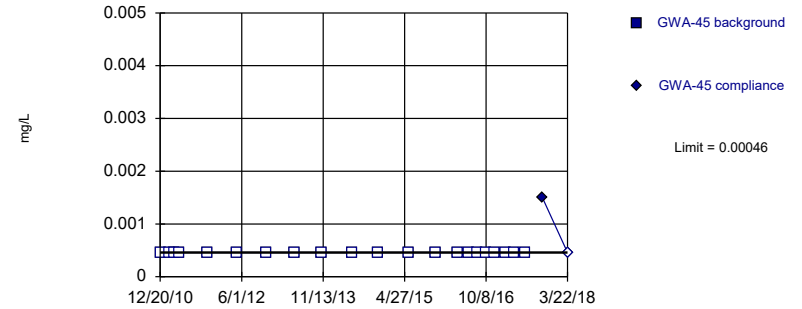


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

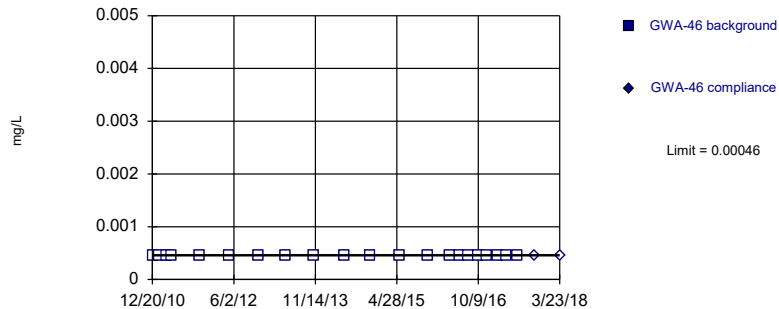


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

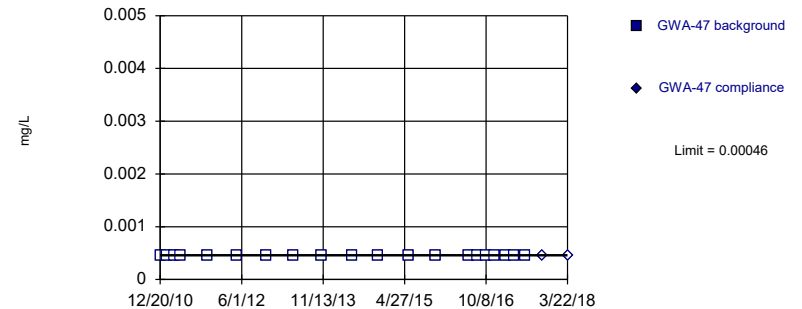


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

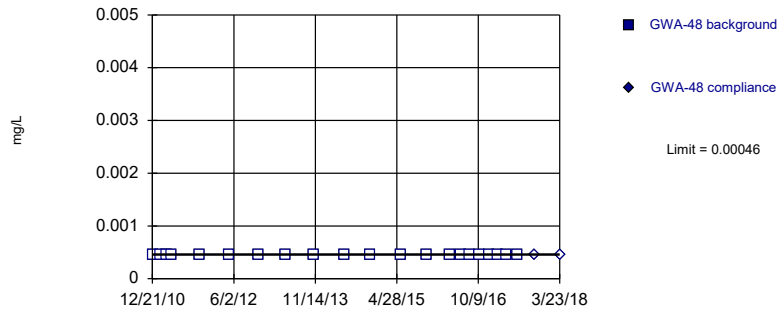
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

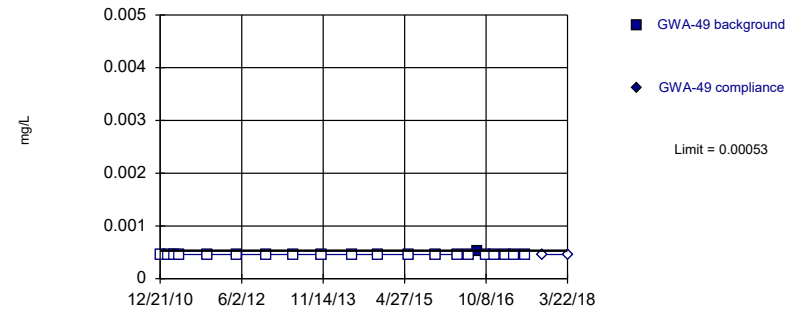
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

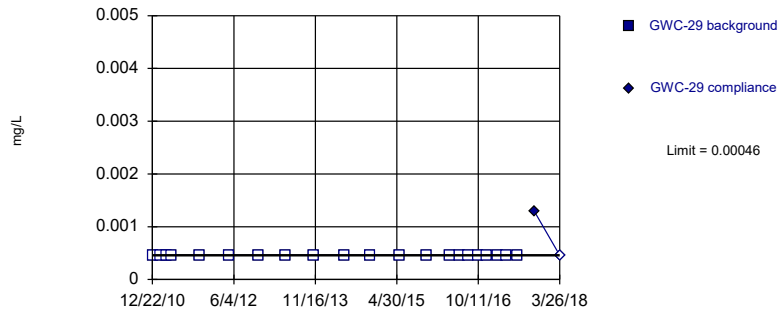
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

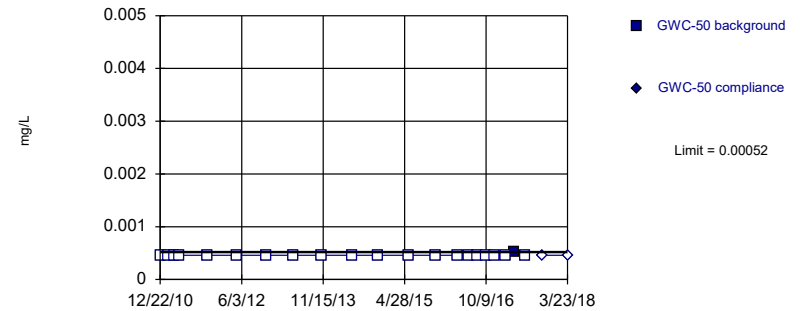
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

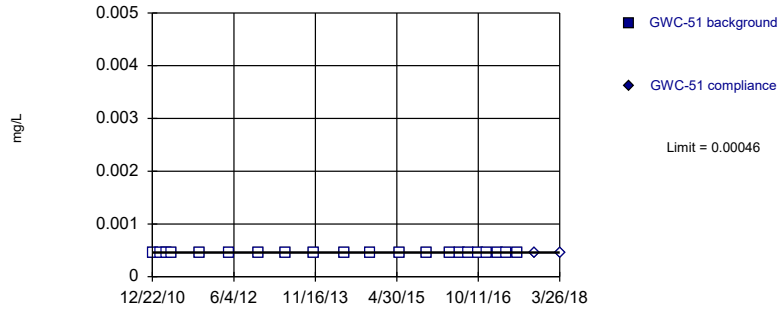
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

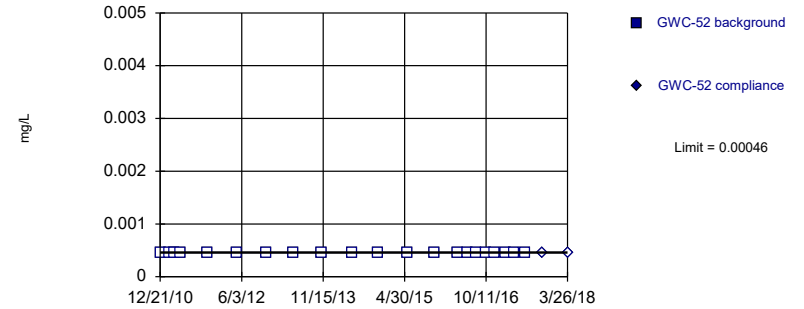
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

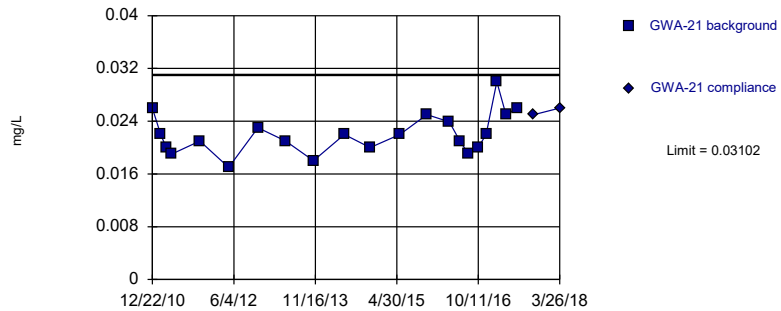
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

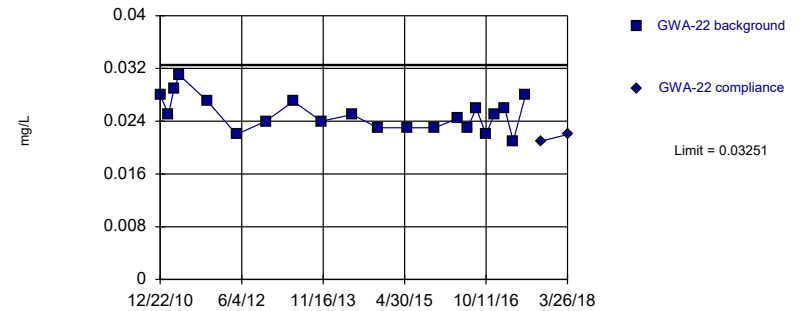
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.02204, Std. Dev.=0.003103, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9549, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

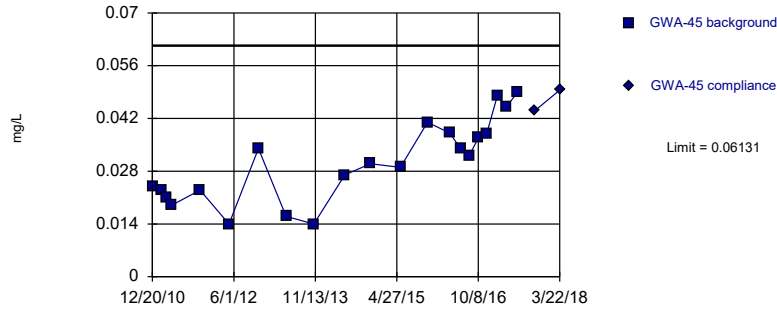
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.02507, Std. Dev.=0.002572, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9637, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

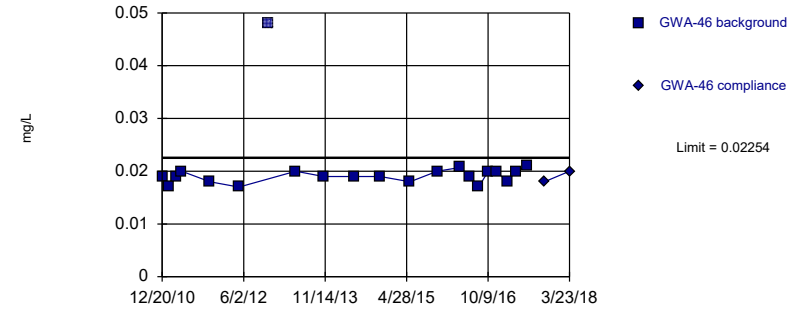
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.03029, Std. Dev.=0.01072, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9641, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

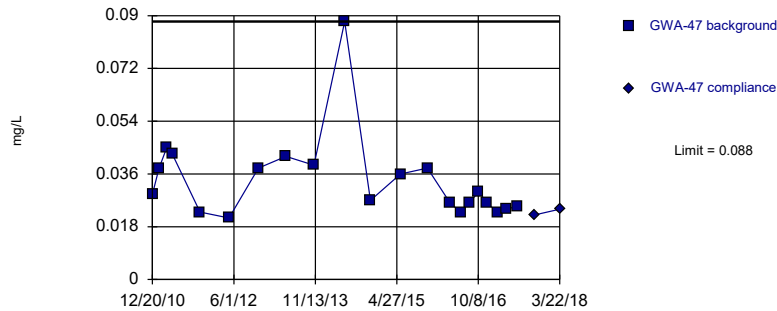
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01904, Std. Dev.=0.001211, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9132, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

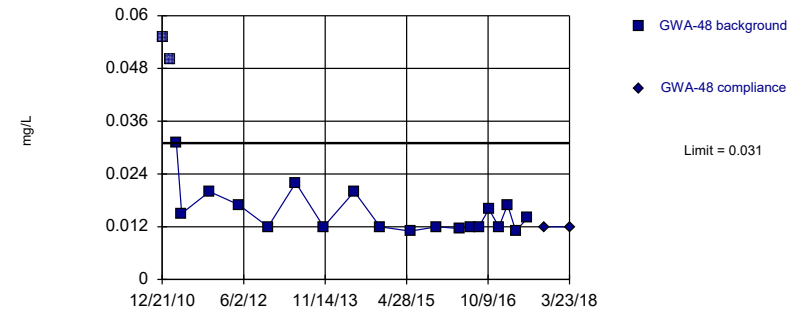
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric

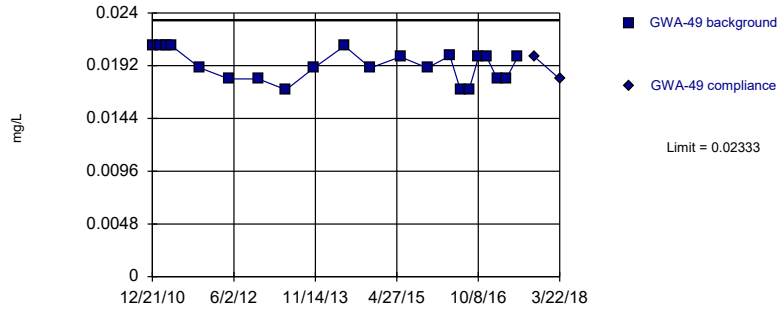


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

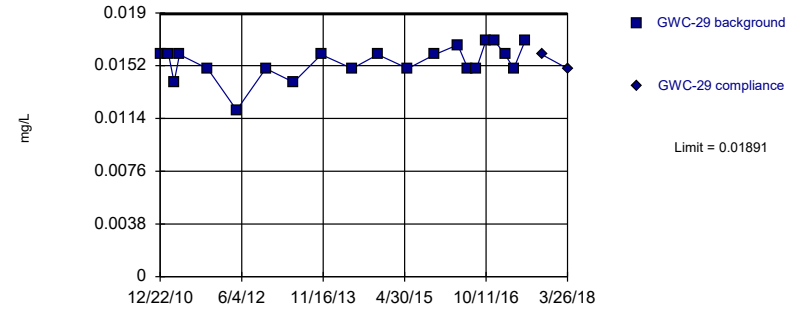


Background Data Summary: Mean=0.01924, Std. Dev.=0.001414, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8979, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

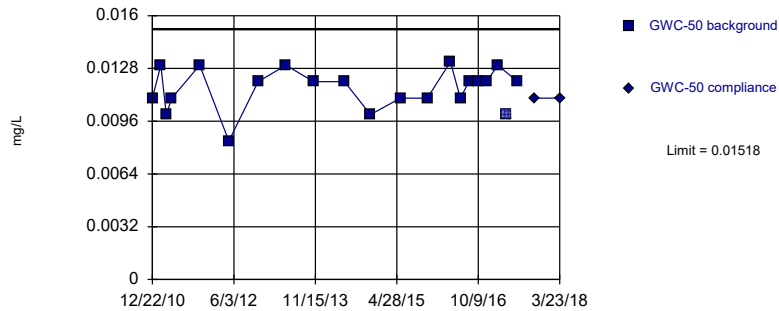


Background Data Summary: Mean=0.01546, Std. Dev.=0.001192, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8775, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

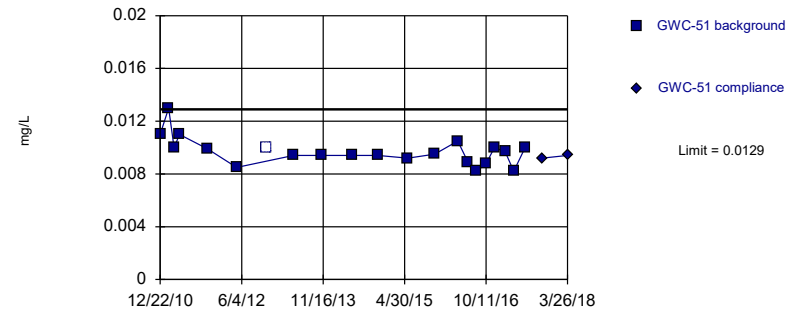


Background Data Summary: Mean=0.01163, Std. Dev.=0.001228, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8951, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

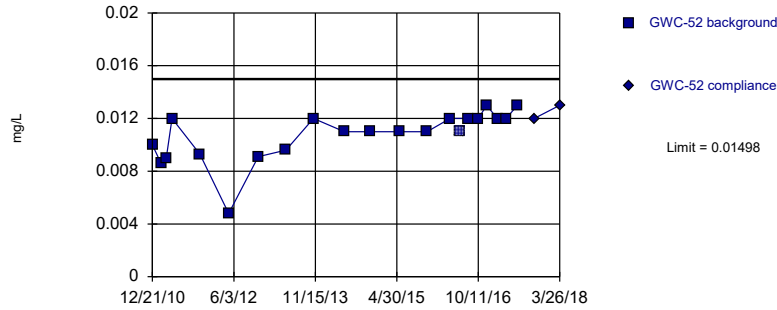


Background Data Summary: Mean=0.0097, Std. Dev.=0.001106, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8978, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

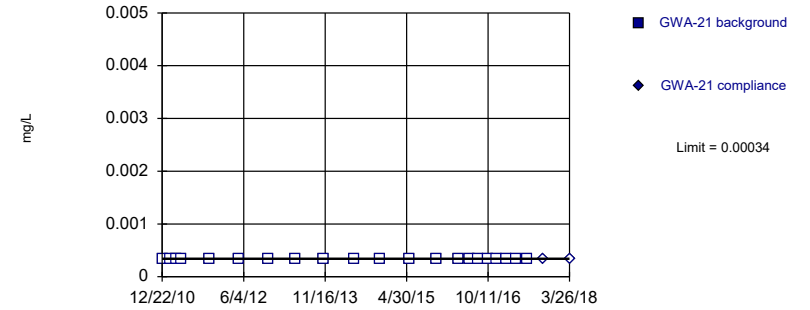


Background Data Summary (based on square transformation): Mean=0.0001185, Std. Dev.=0.00003665, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.908, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

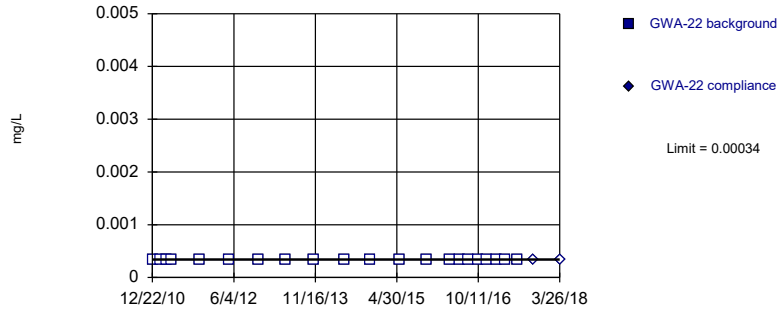


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

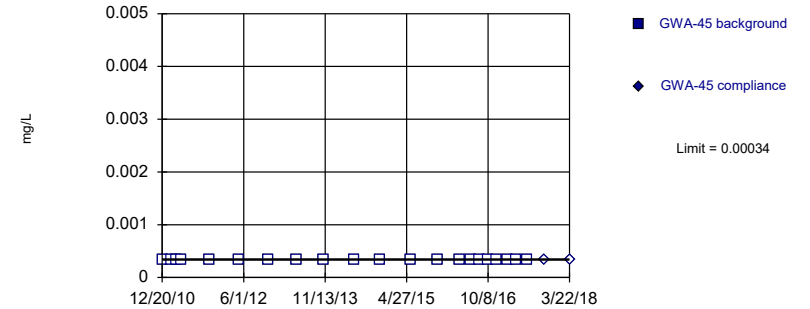


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



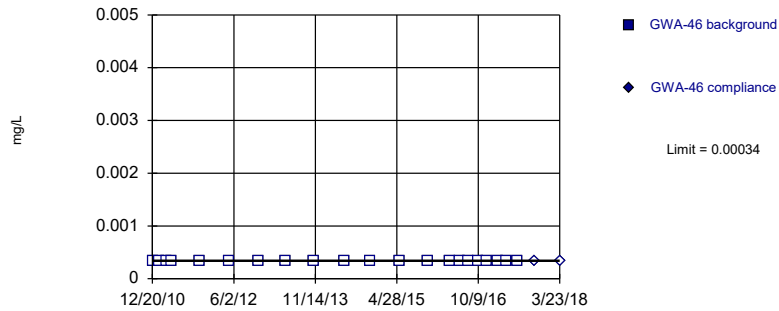
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



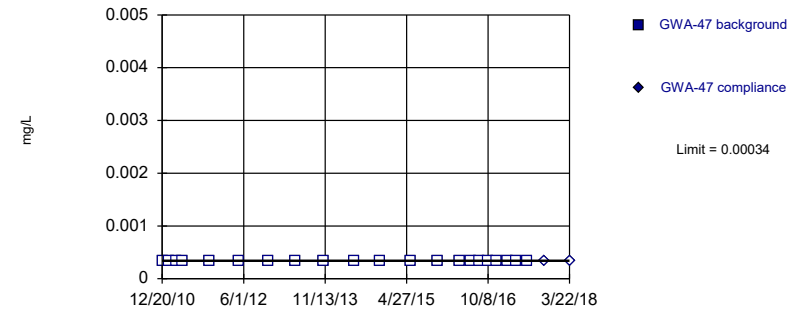
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



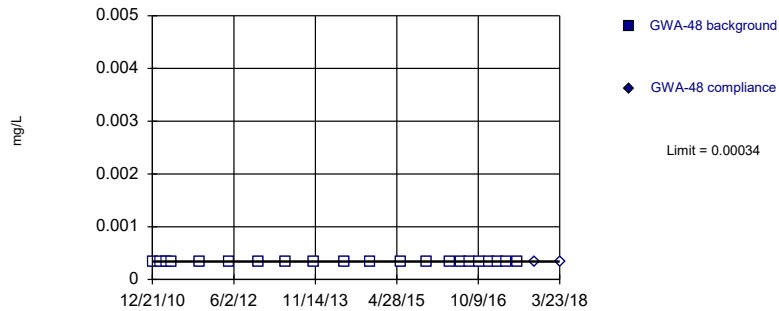
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



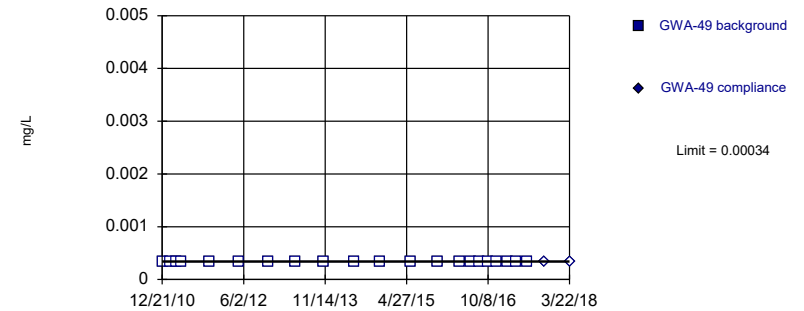
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



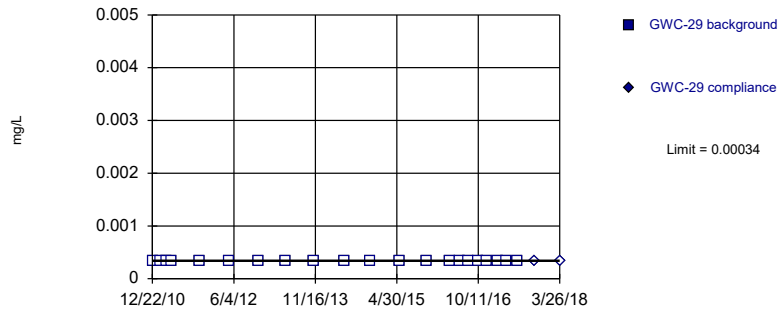
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



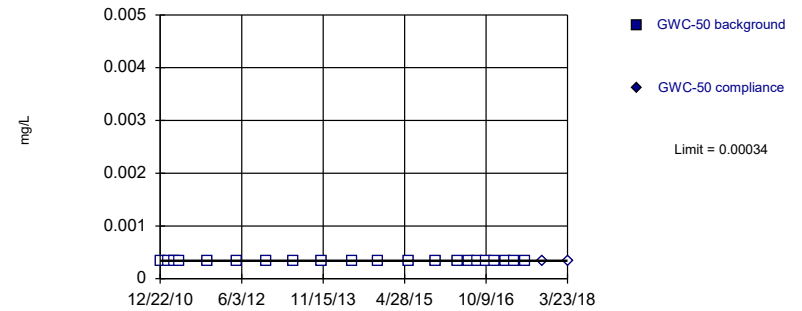
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



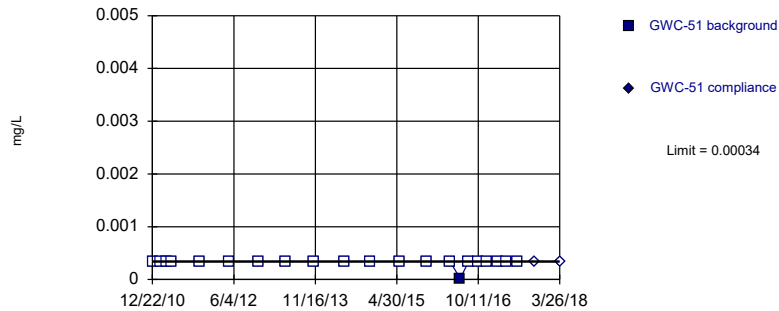
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



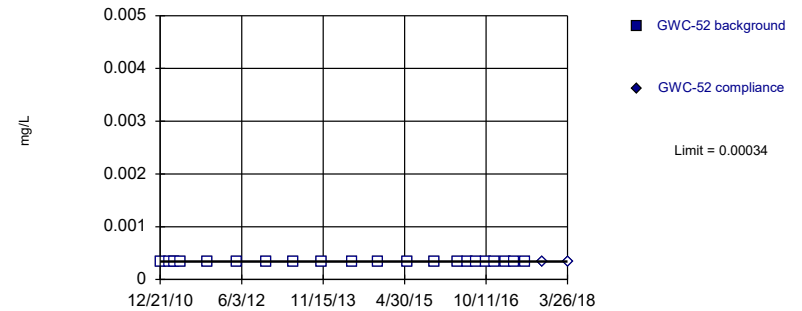
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

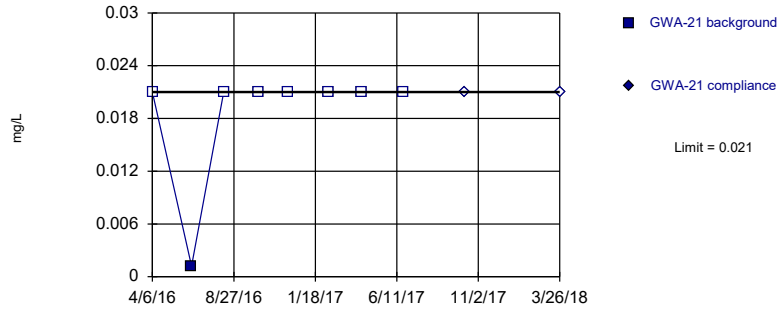
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

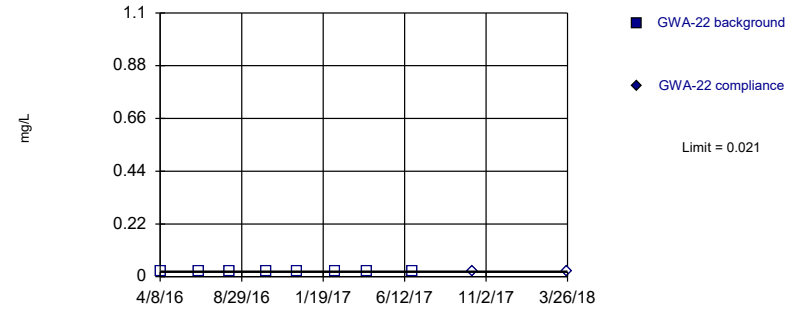
Within Limit Prediction Limit
 Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

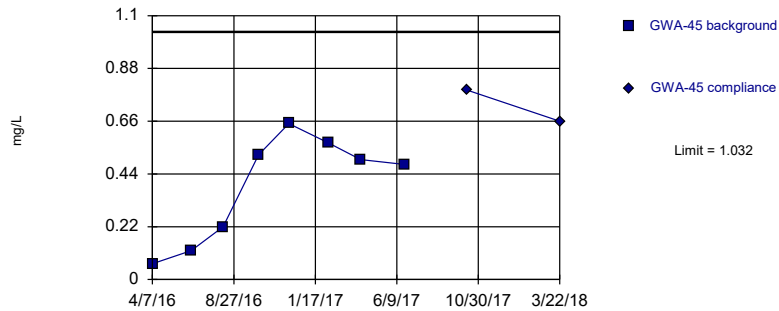
Within Limit Prediction Limit
 Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

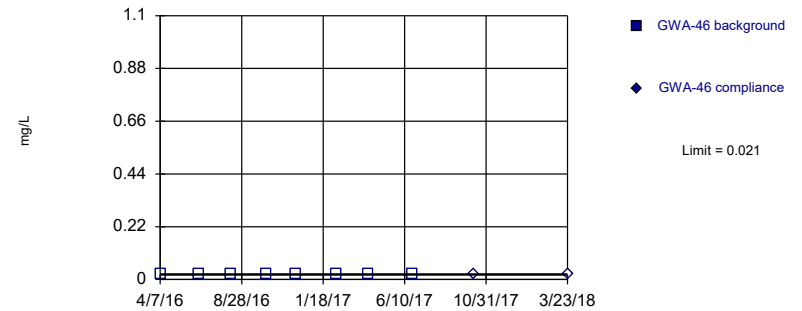
Within Limit Prediction Limit
 Intrawell Parametric



Background Data Summary: Mean=0.3907, Std. Dev.=0.2217, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8773, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

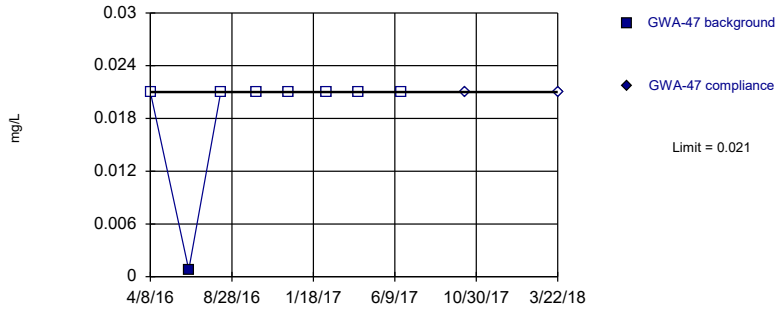
Within Limit Prediction Limit
 Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

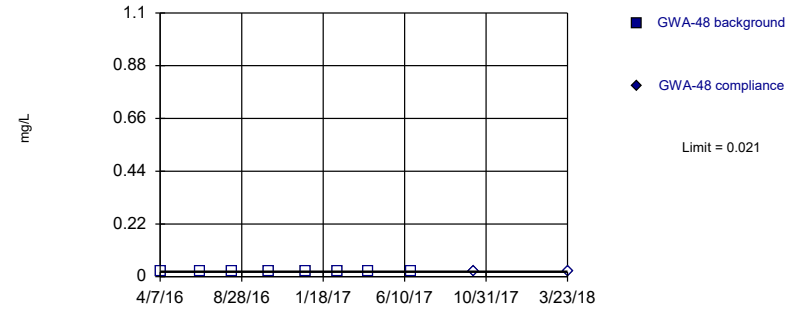
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

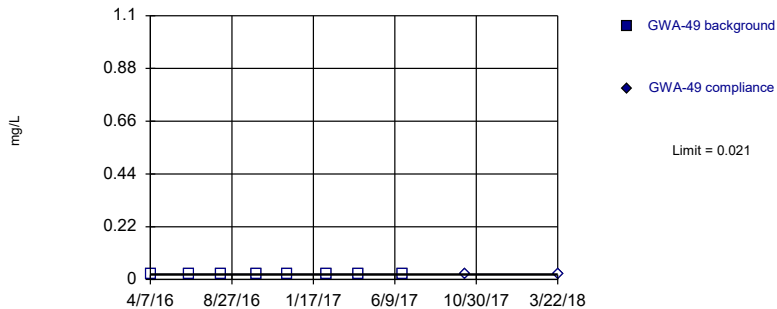
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

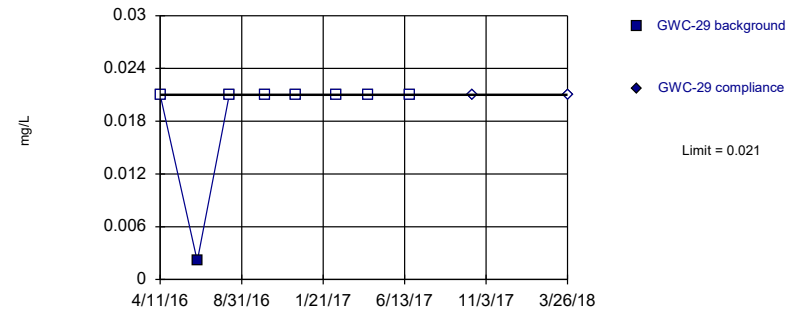
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric

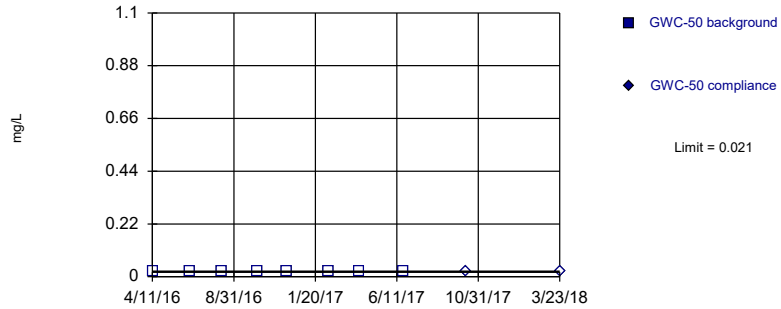


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

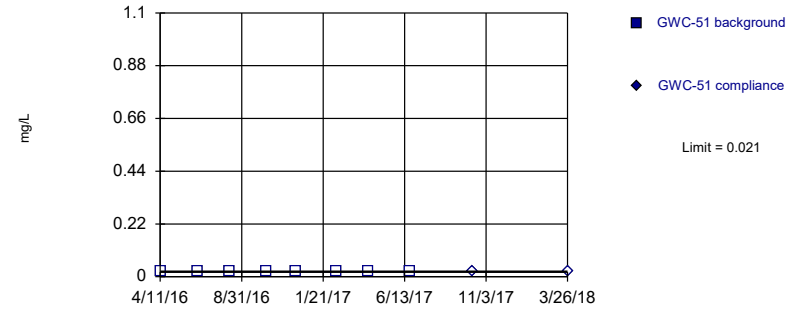


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

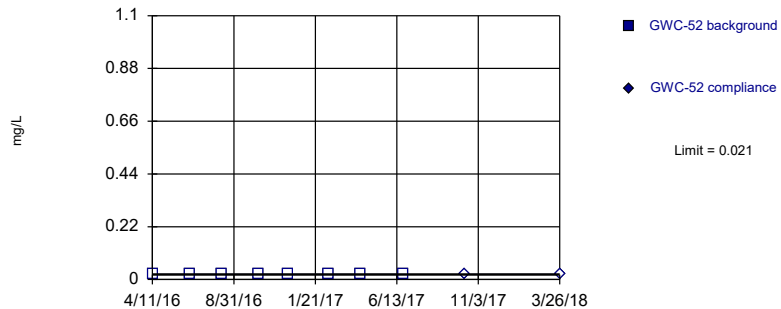


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

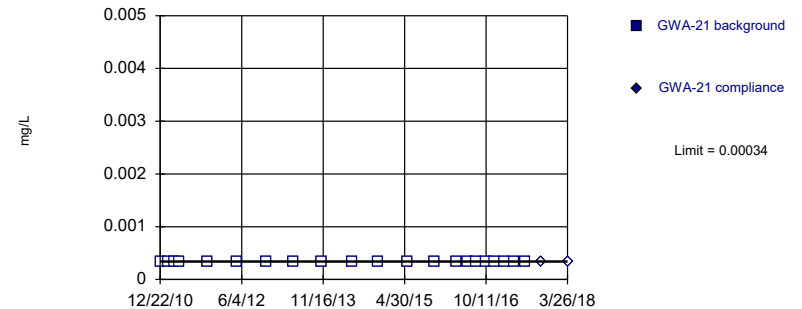


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

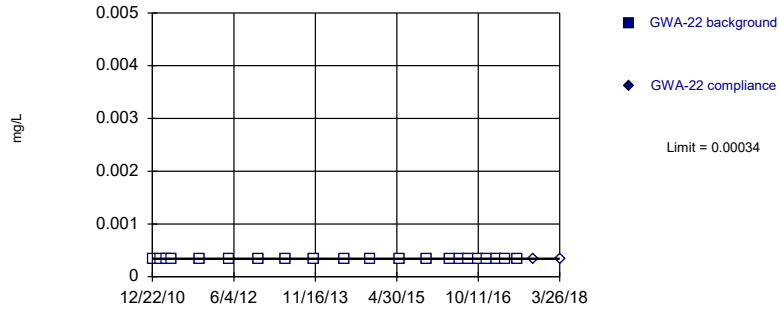


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

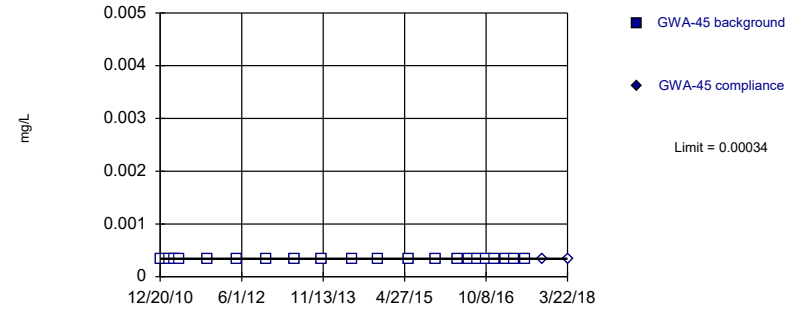


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

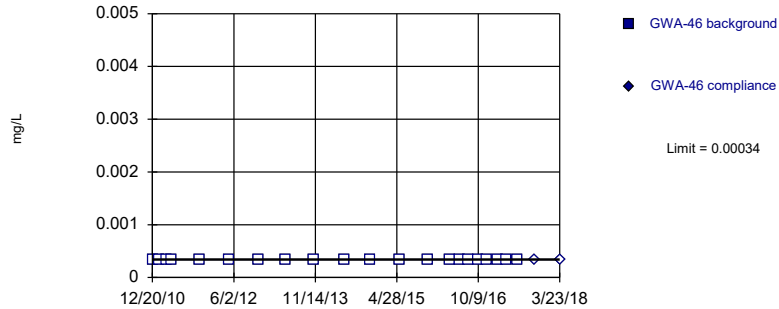


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

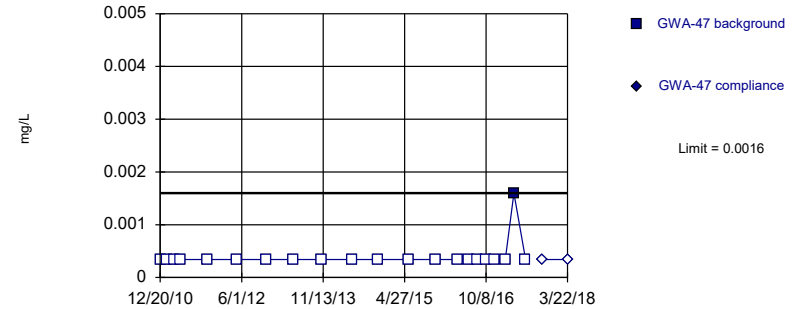


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

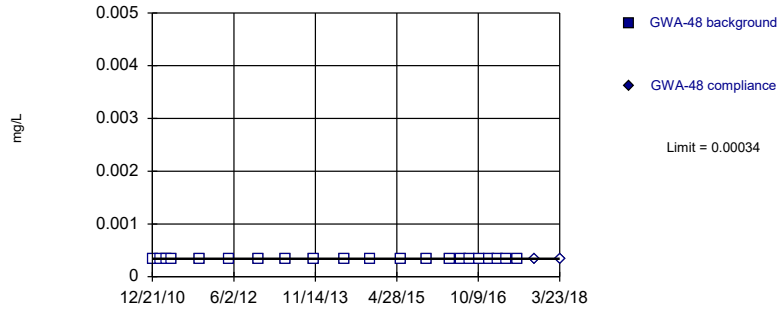


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

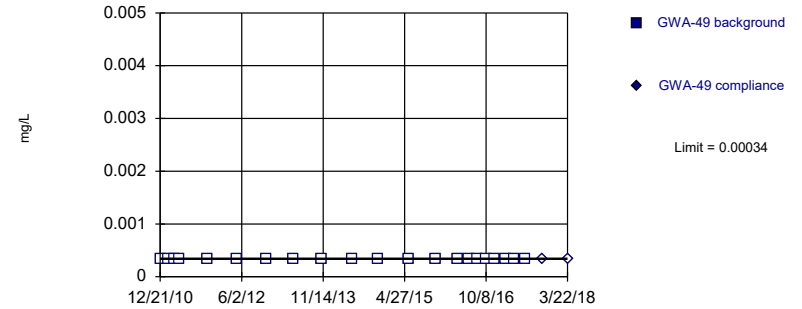


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

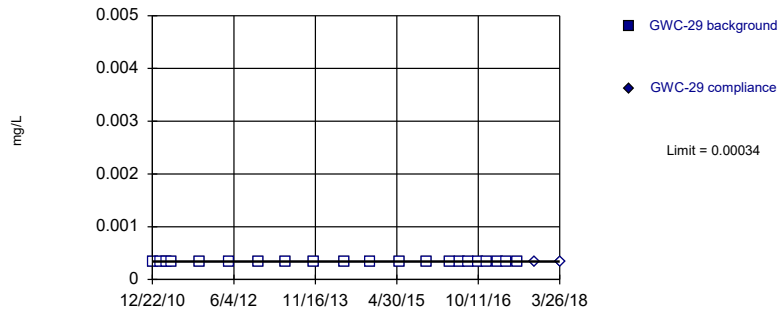


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

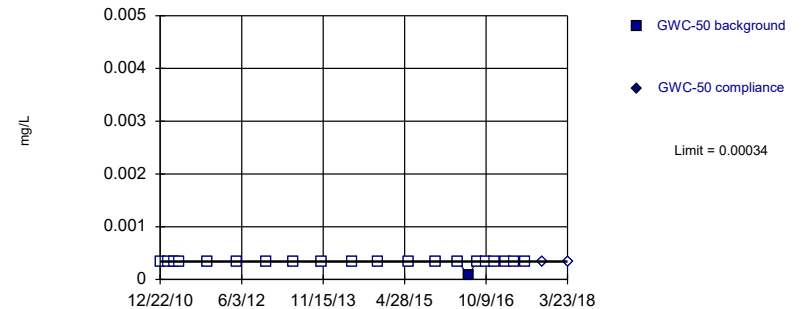


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

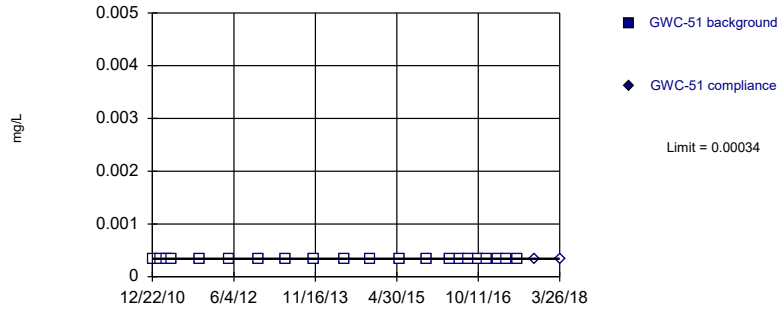
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

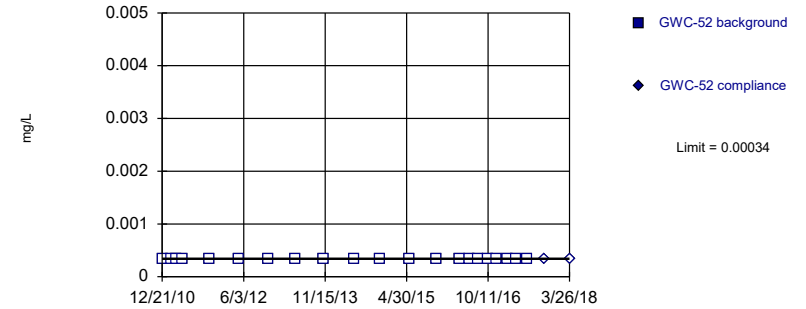
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

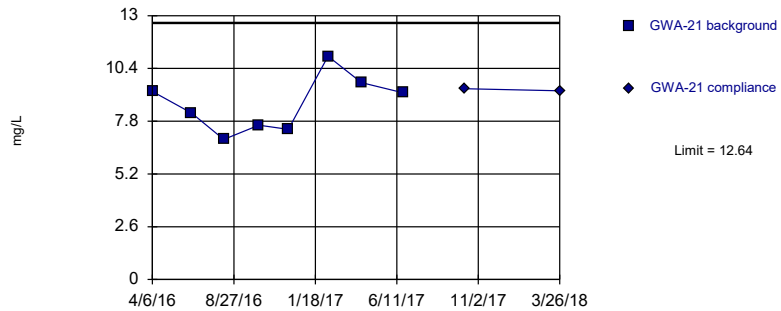
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

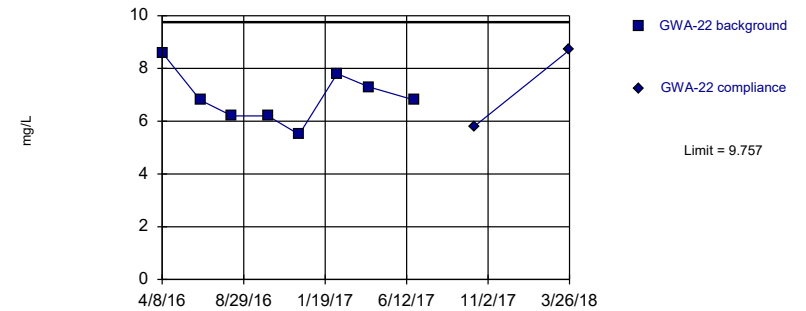
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=8.659, Std. Dev.=1.375, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9551, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

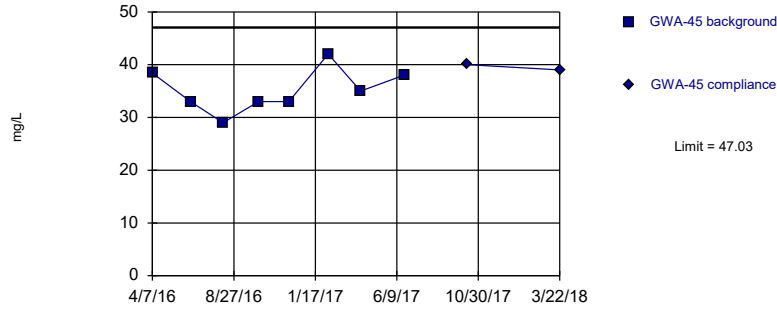
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.9, Std. Dev.=0.9871, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9715, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

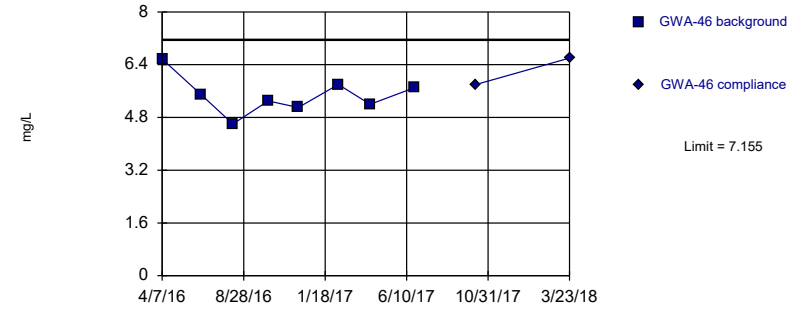
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=35.16, Std. Dev.=4.102, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9526, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

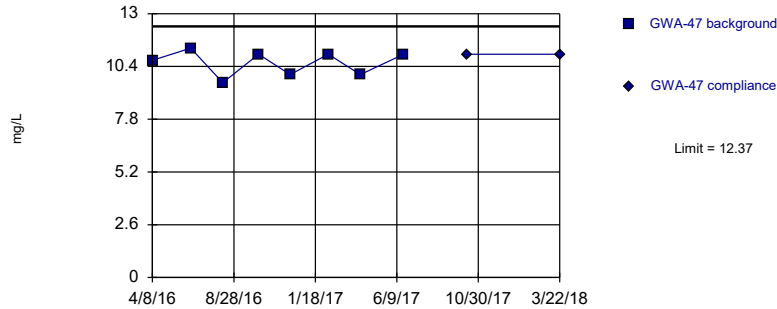
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=5.471, Std. Dev.=0.5817, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9654, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

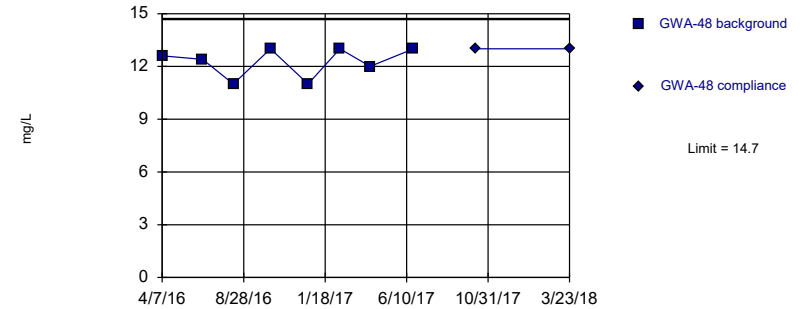
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=10.58, Std. Dev.=0.6205, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8759, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

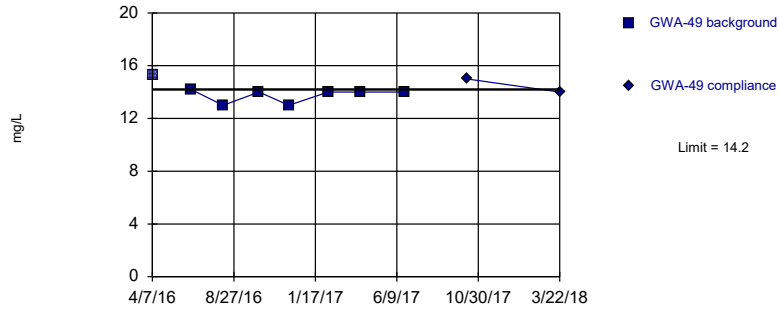
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=12.25, Std. Dev.=0.8468, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8199, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

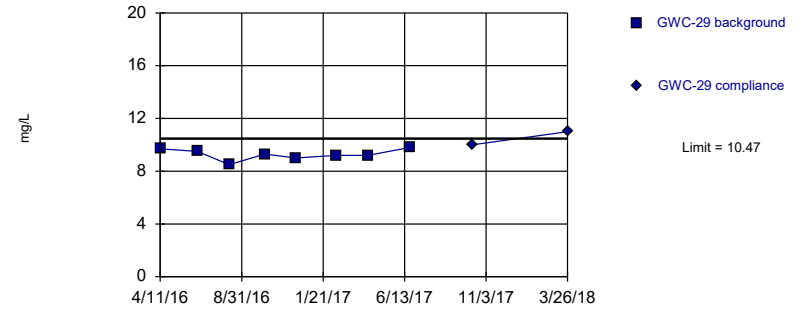
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 7 background values. Well-constituent pair annual alpha = 0.05455. Individual comparison alpha = 0.02765 (1 of 2).

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

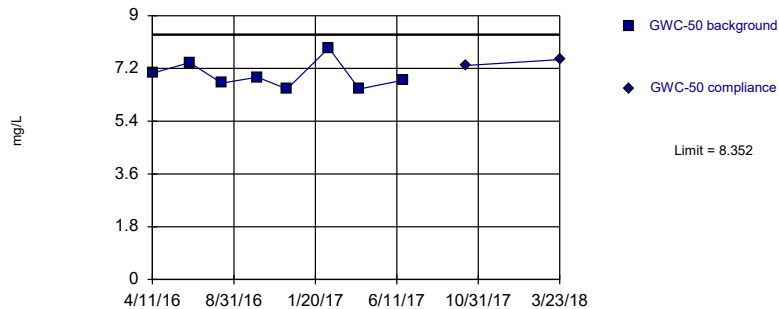
Exceeds Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=9.275, Std. Dev.=0.4132, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9512, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

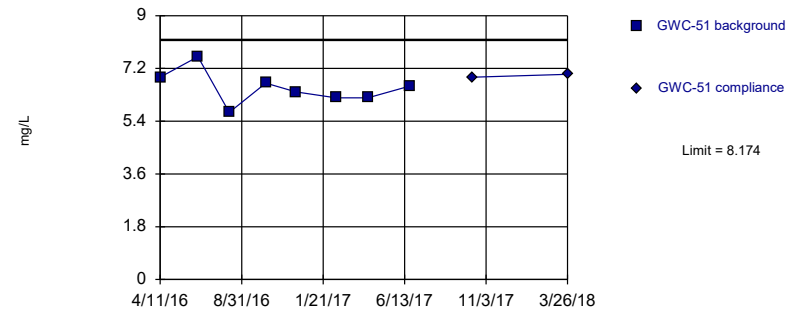
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.968, Std. Dev.=0.4786, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8936, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric

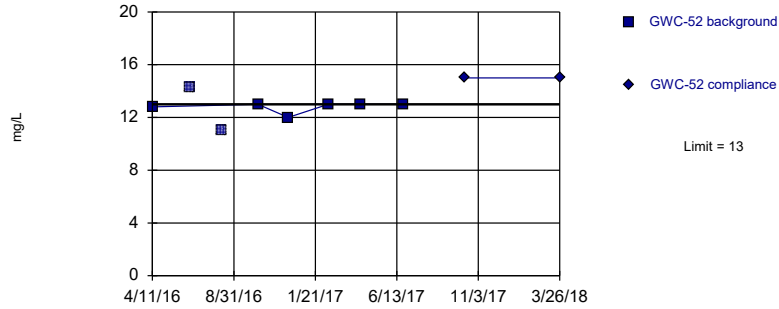


Background Data Summary: Mean=6.538, Std. Dev.=0.5655, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9649, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

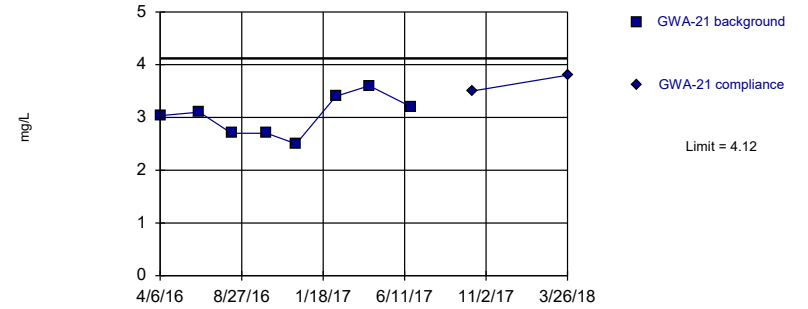


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 6 background values. Well-constituent pair annual alpha = 0.06667. Individual comparison alpha = 0.03391 (1 of 2).

Constituent: Calcium Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

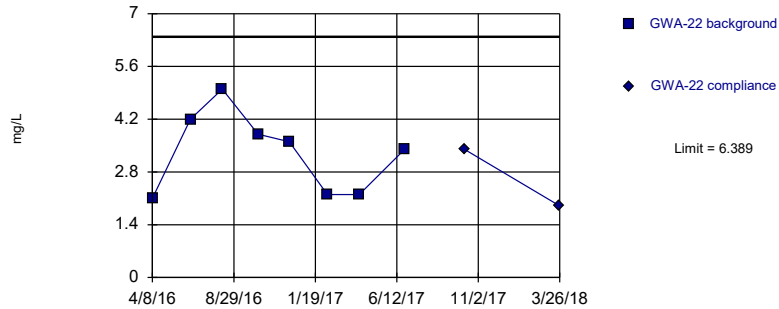


Background Data Summary: Mean=3.029, Std. Dev.=0.3769, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9621, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

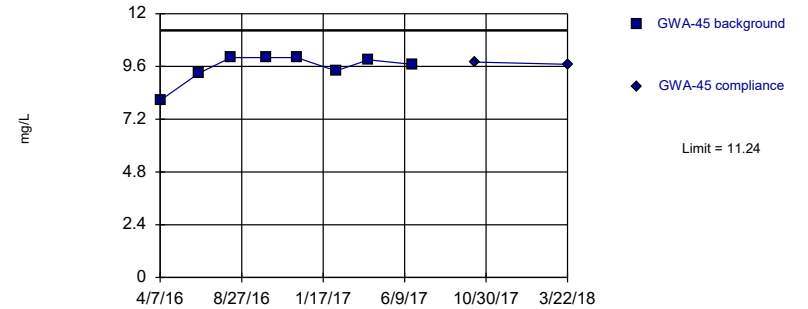


Background Data Summary: Mean=3.313, Std. Dev.=1.063, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9068, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

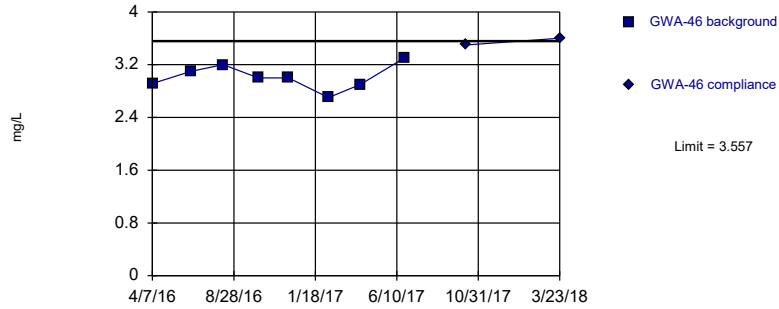


Background Data Summary (based on square transformation): Mean=91.47, Std. Dev.=12.03, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7639, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

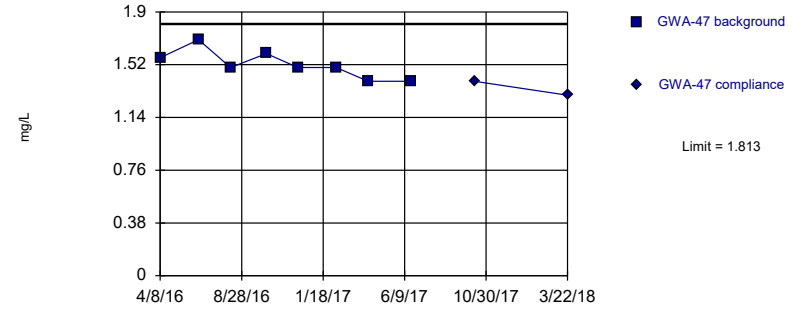


Background Data Summary: Mean=3.014, Std. Dev.=0.1874, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9788, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

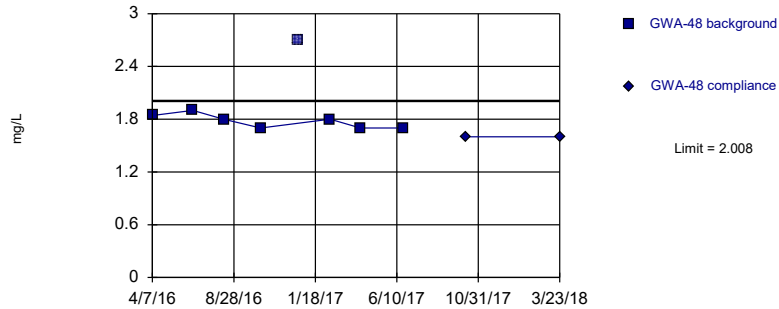


Background Data Summary: Mean=1.521, Std. Dev.=0.1009, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9268, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

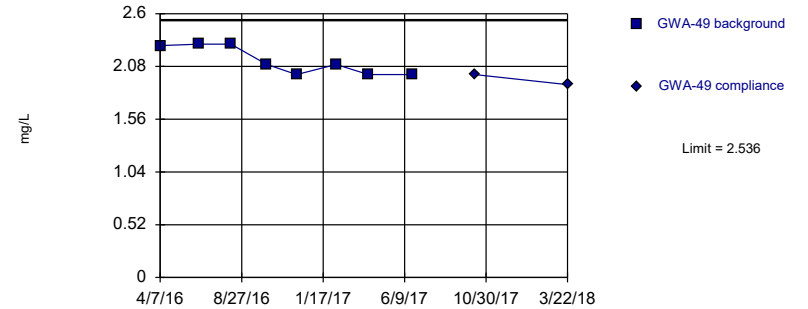


Background Data Summary: Mean=1.777, Std. Dev.=0.07979, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8644, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

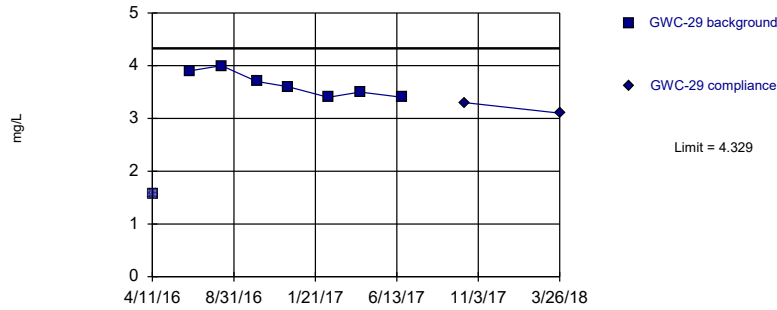
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.136, Std. Dev.=0.1384, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7934, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

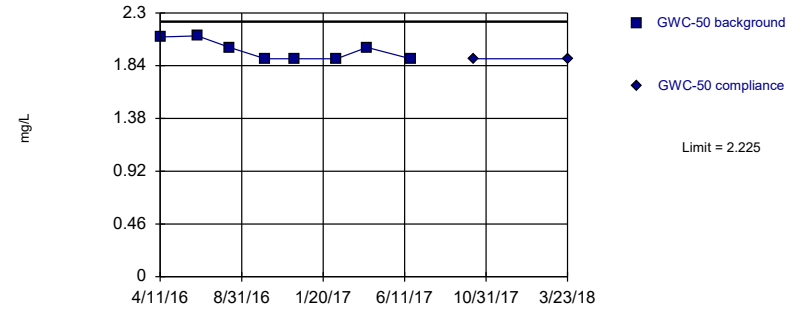
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.643, Std. Dev.=0.237, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9089, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

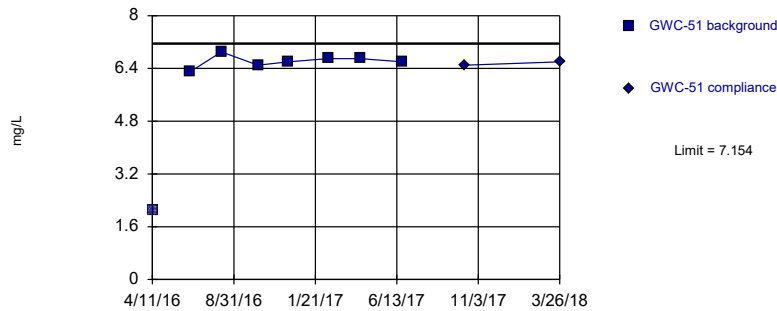
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.974, Std. Dev.=0.08667, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7929, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

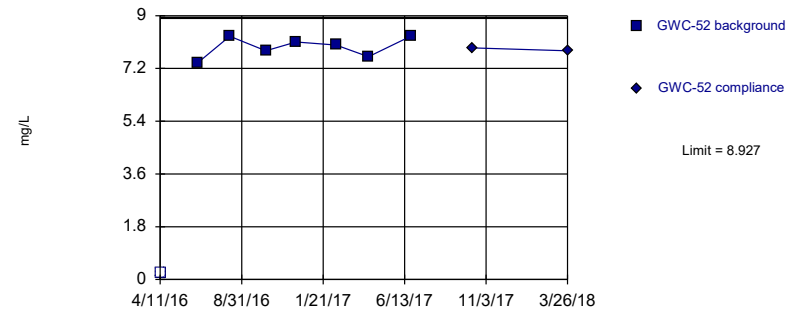
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.614, Std. Dev.=0.1864, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9649, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric

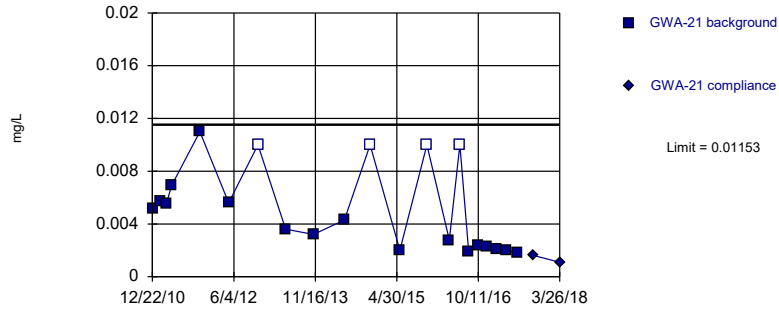


Background Data Summary: Mean=7.929, Std. Dev.=0.345, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9303, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

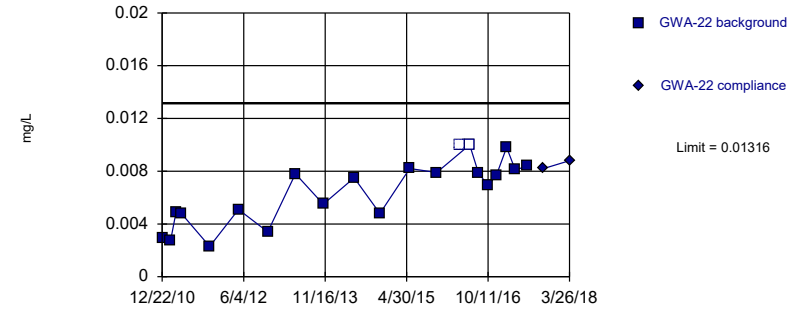


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05918, Std. Dev.=0.01665, n=21, 19.05% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8805, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

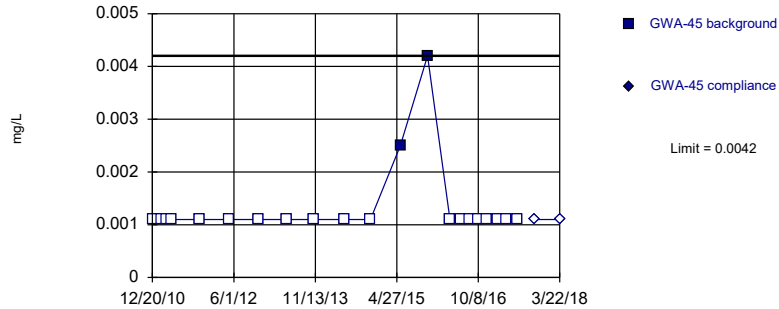


Background Data Summary: Mean=0.00633, Std. Dev.=0.00236, n=20, 5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9272, critical = 0.868. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

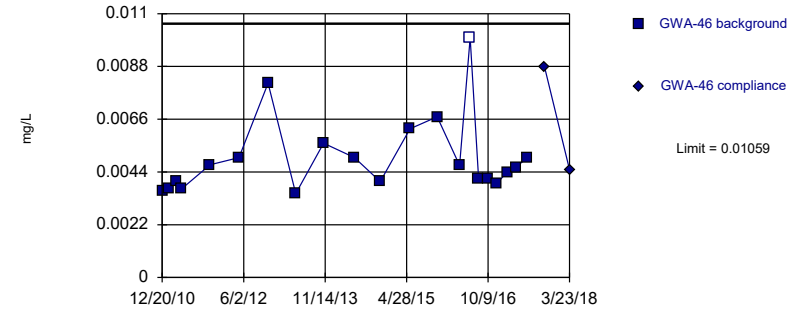


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric



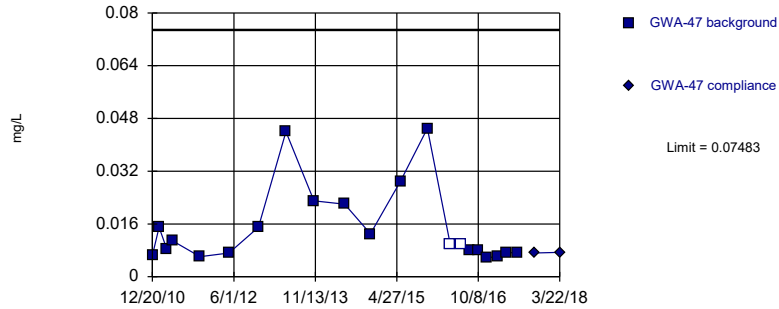
Background Data Summary (based on natural log transformation): Mean=-5.342, Std. Dev.=0.2744, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8804, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



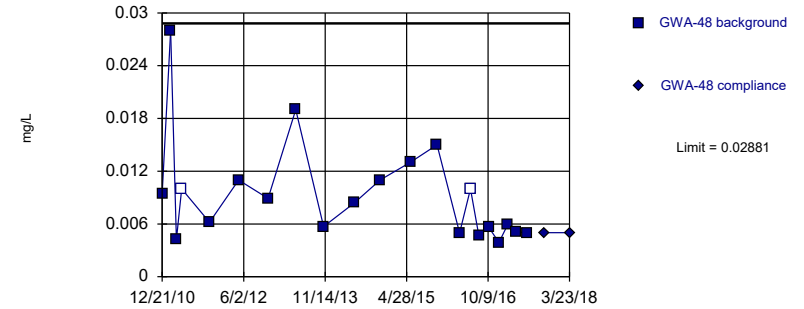
Background Data Summary (based on natural log transformation): Mean=-4.45, Std. Dev.=0.6417, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8805, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



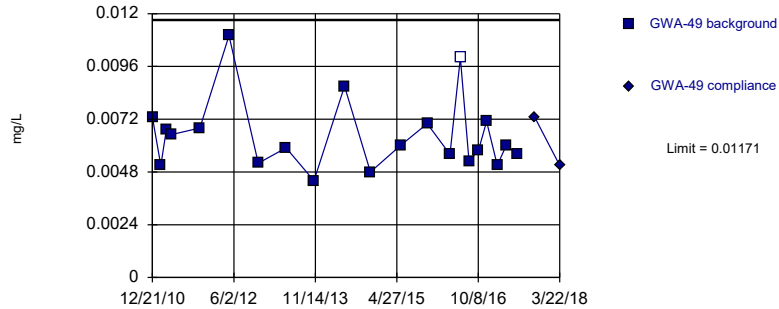
Background Data Summary (based on square root transformation): Mean=0.0928, Std. Dev.=0.02659, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8852, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



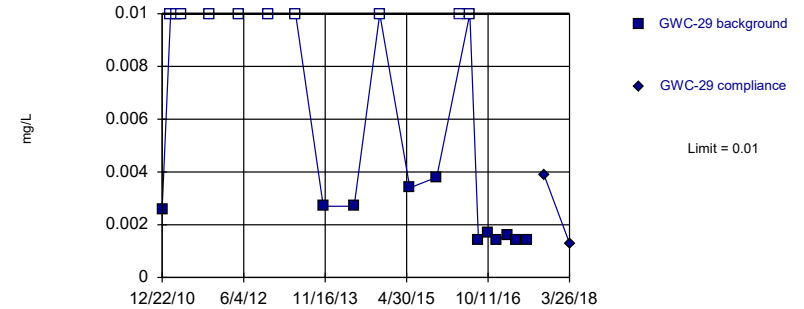
Background Data Summary (based on square root transformation): Mean=0.07987, Std. Dev.=0.009799, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8998, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

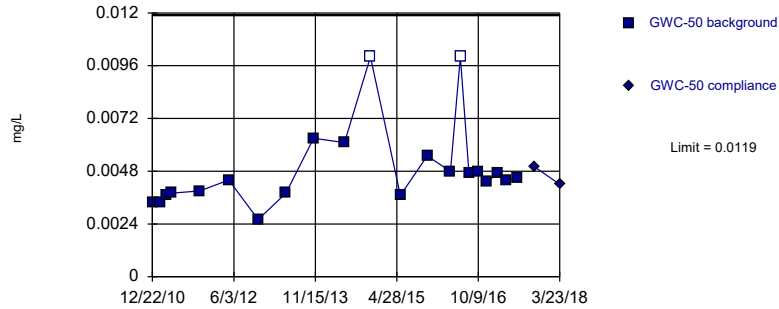


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 45% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

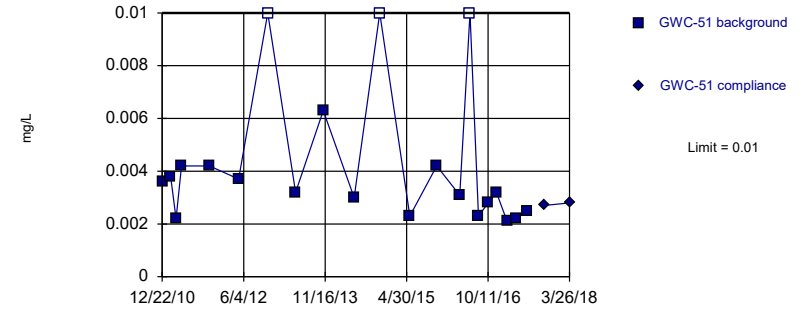


Background Data Summary (based on natural log transformation): Mean=-5.376, Std. Dev.=0.3265, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8944, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

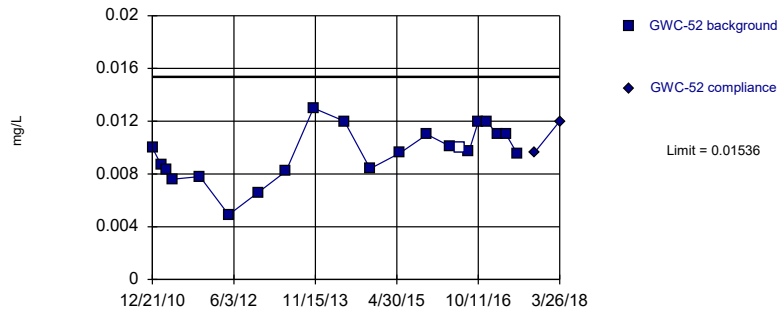


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 14.29% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

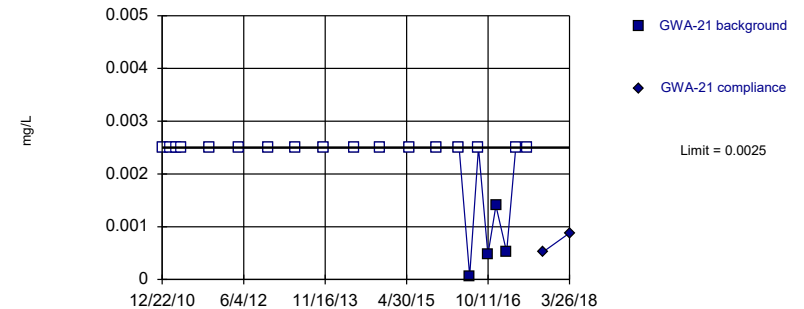


Background Data Summary: Mean=0.00959, Std. Dev.=0.001994, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9741, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



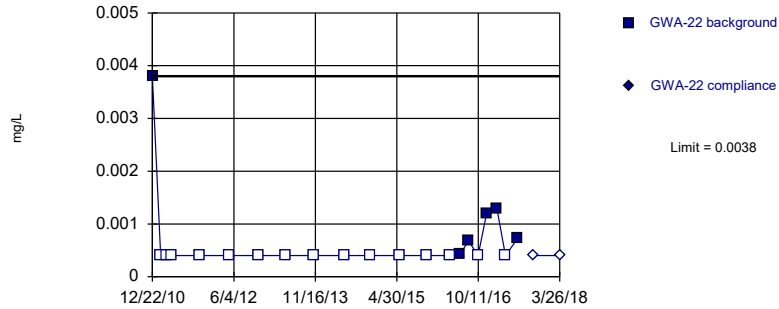
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



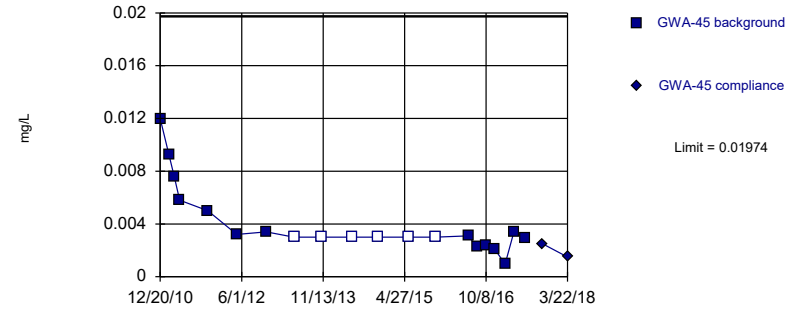
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



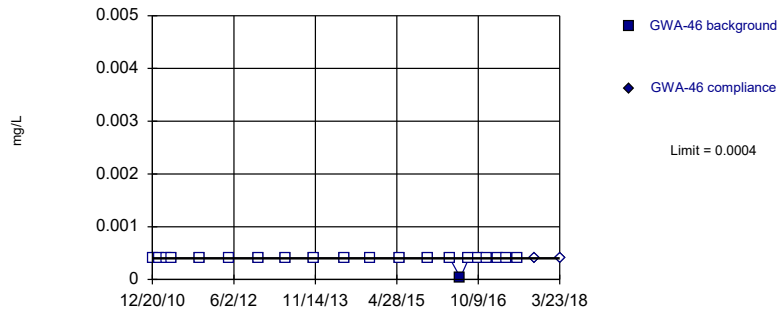
Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.806, Std. Dev.=0.6499, n=20, 30% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8881, critical = 0.868. Kappa overridden to 2.894.

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



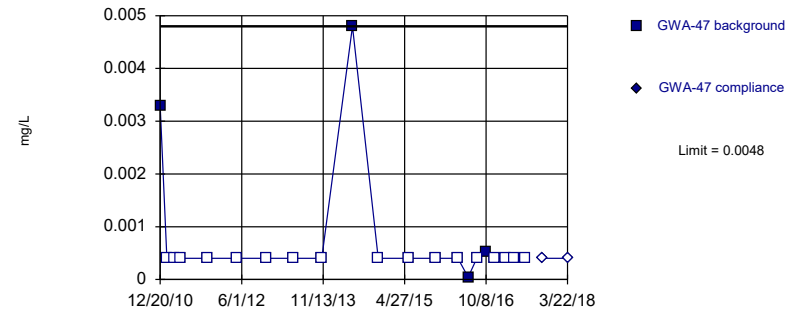
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

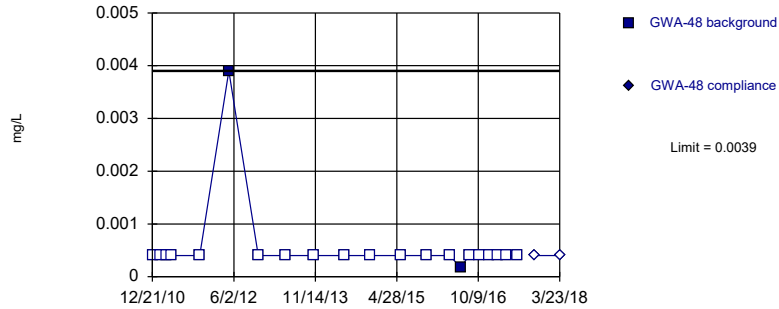


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

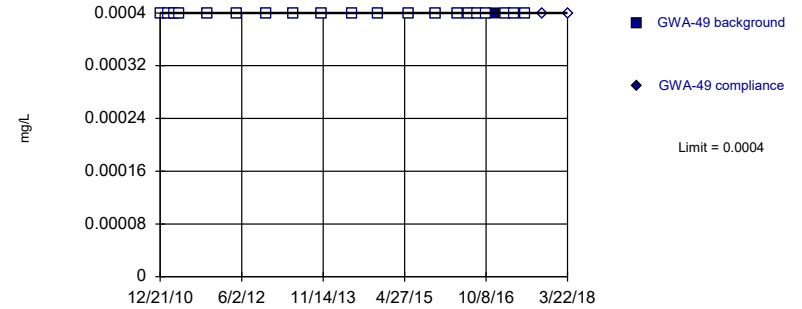


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

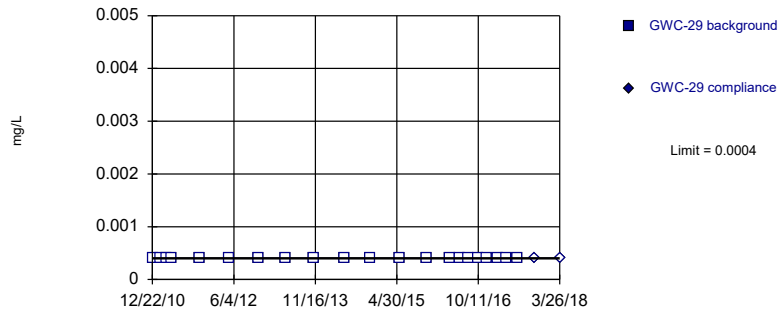


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

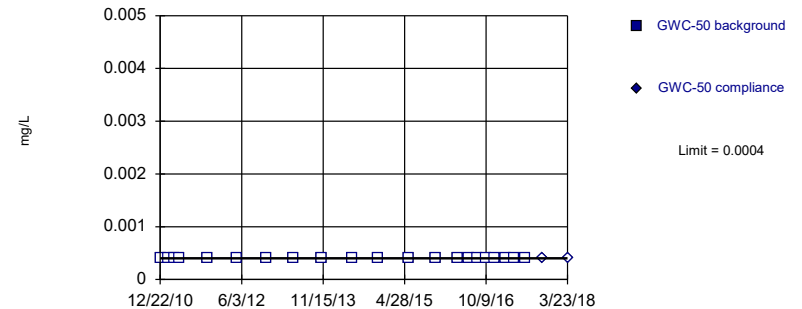


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

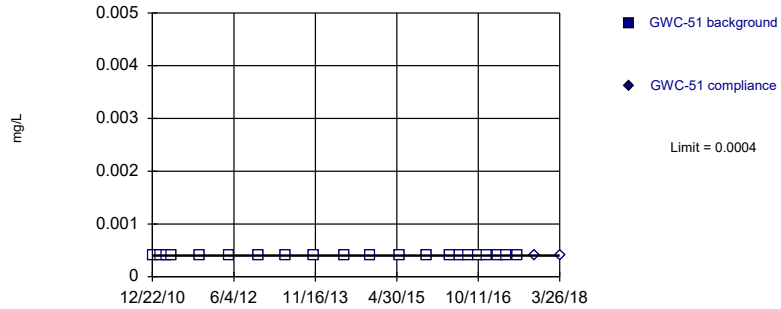


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

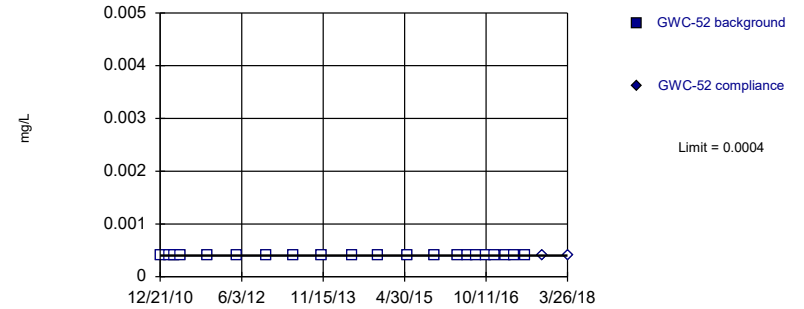


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

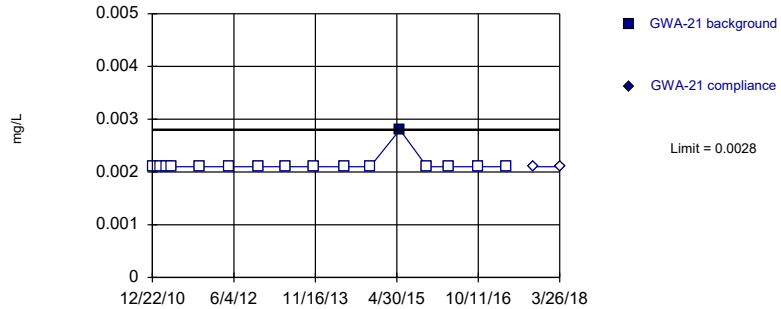


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

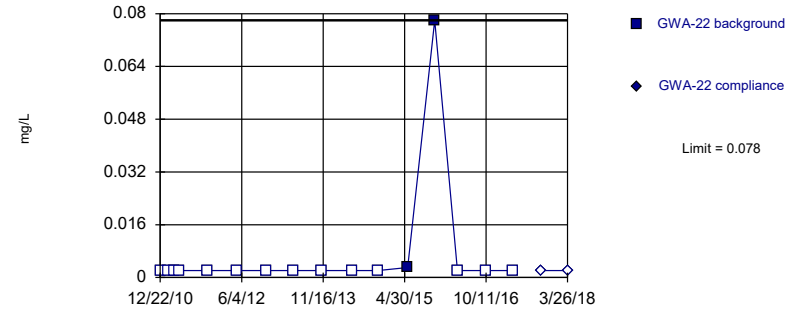


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



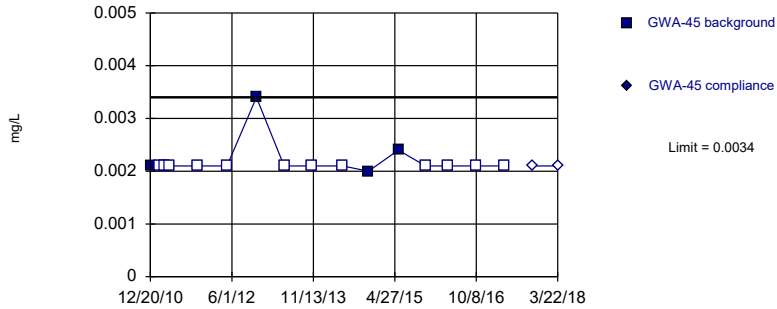
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



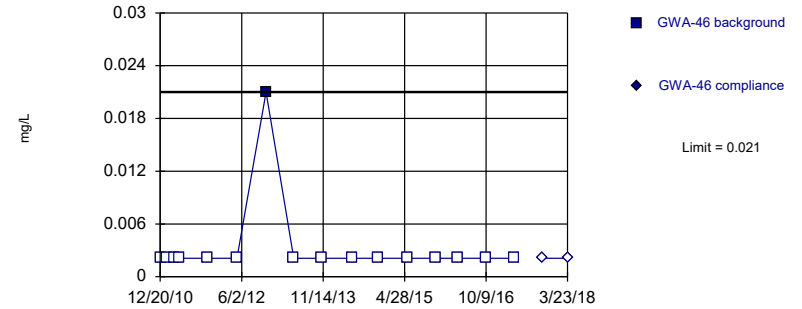
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



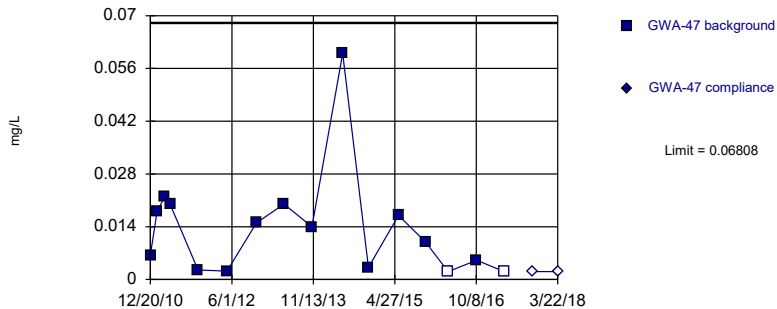
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



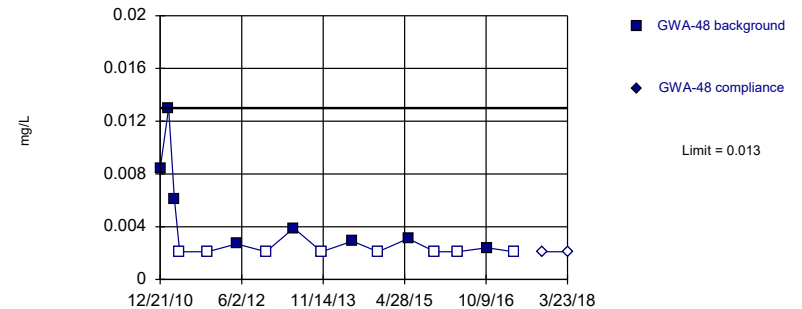
Background Data Summary (based on square root transformation): Mean=0.1049, Std. Dev.=0.05391, n=16, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8808, critical = 0.844. Kappa overridden to 2.894.

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

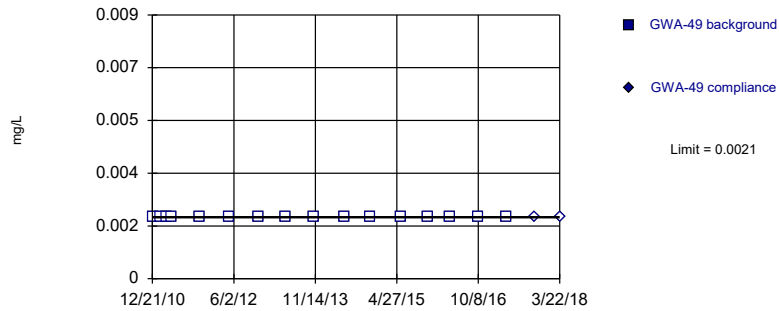


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 50% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

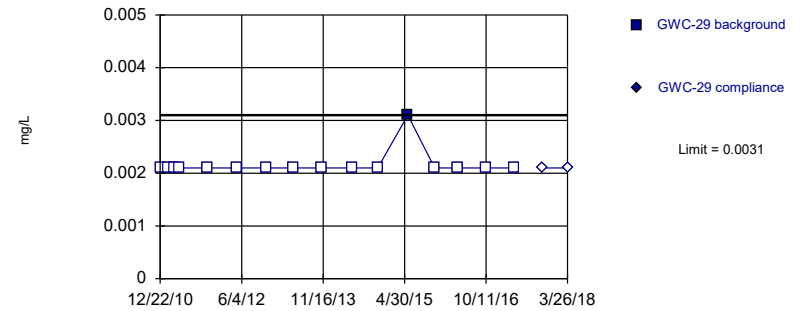


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

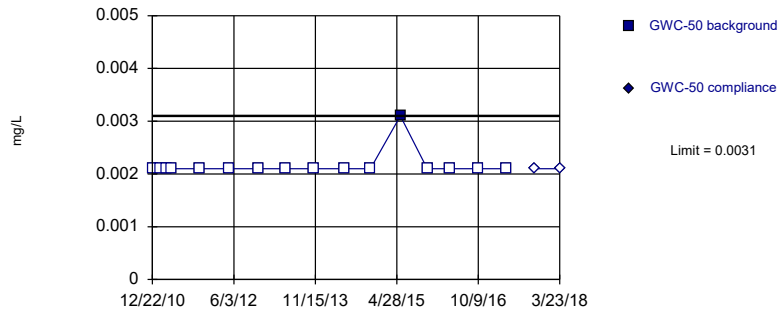


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

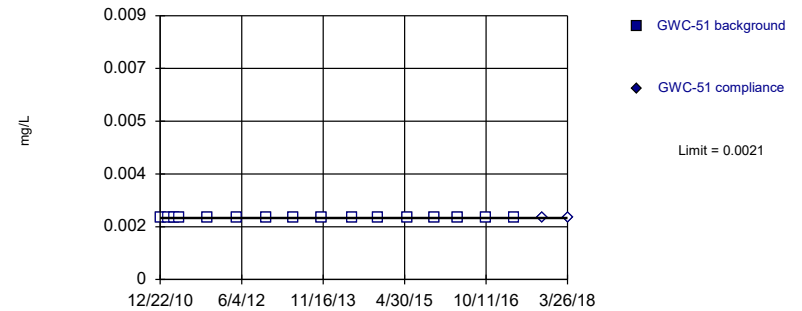


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

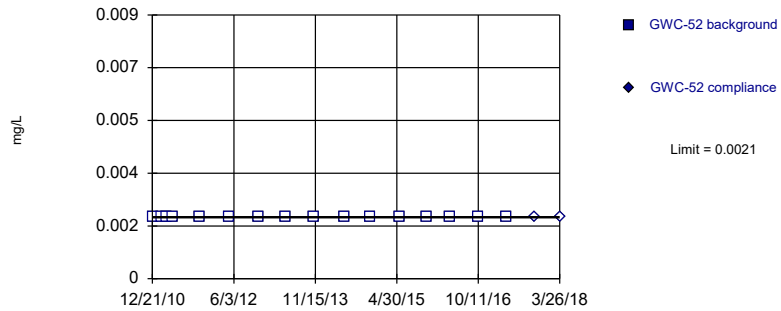
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

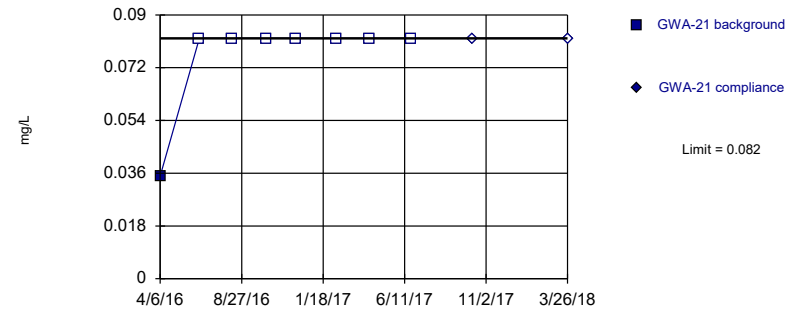
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

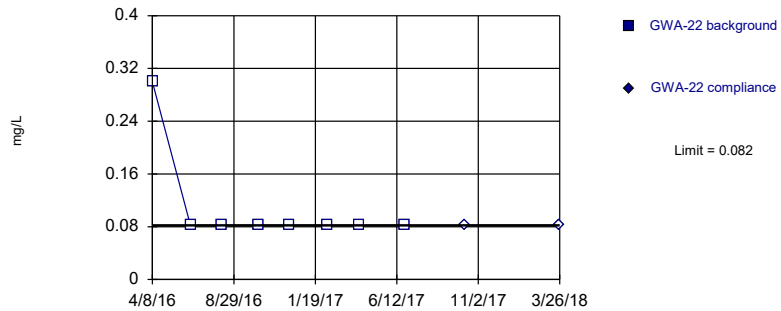
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

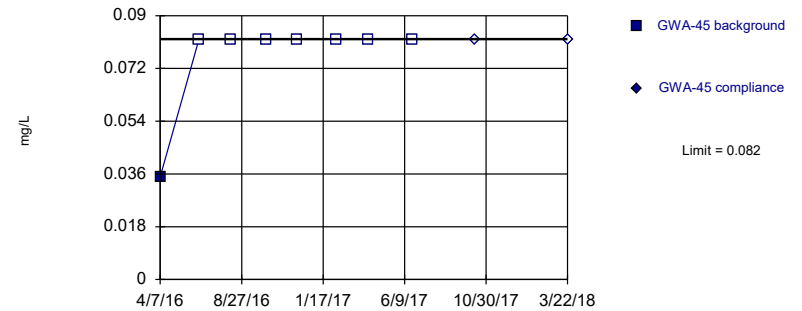
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric

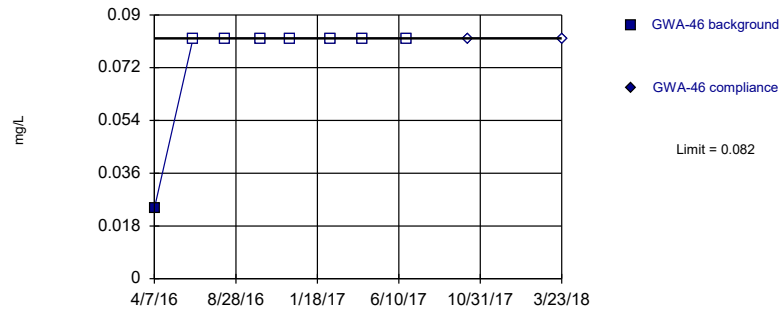


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

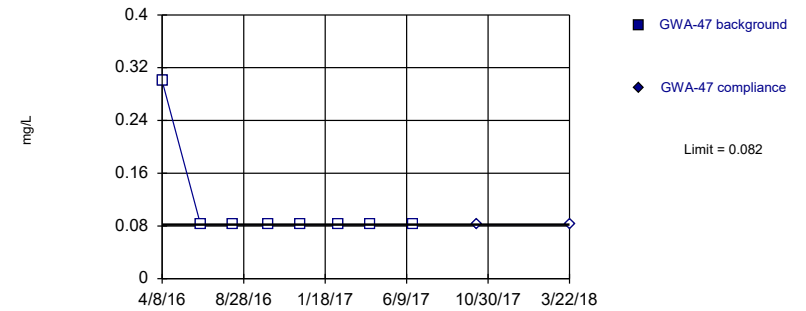


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

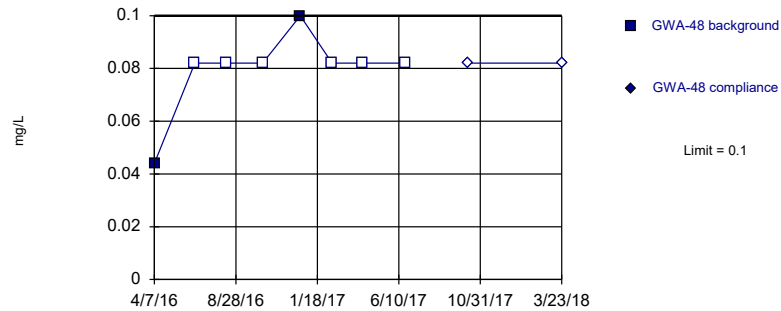


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

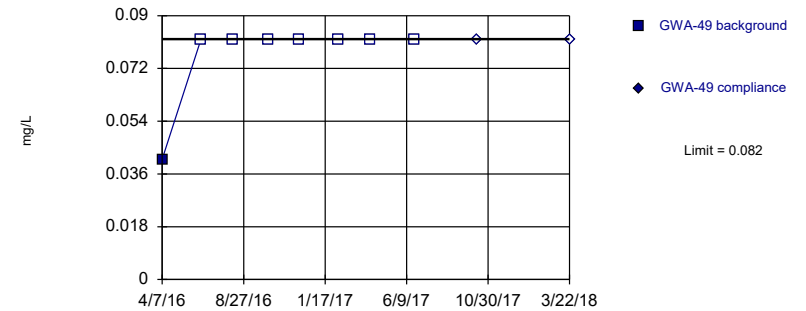


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

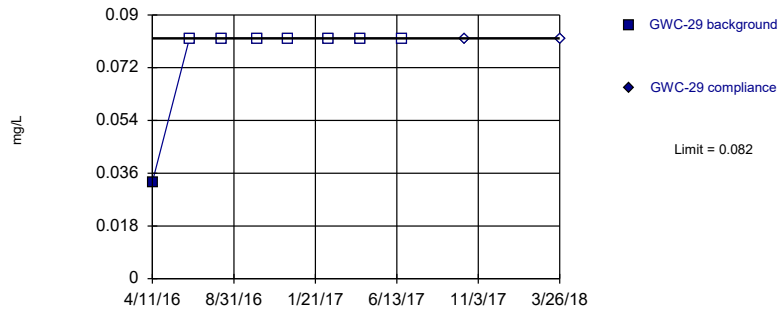
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

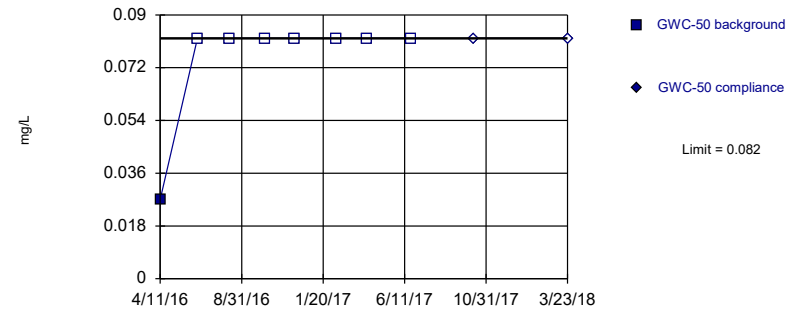
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

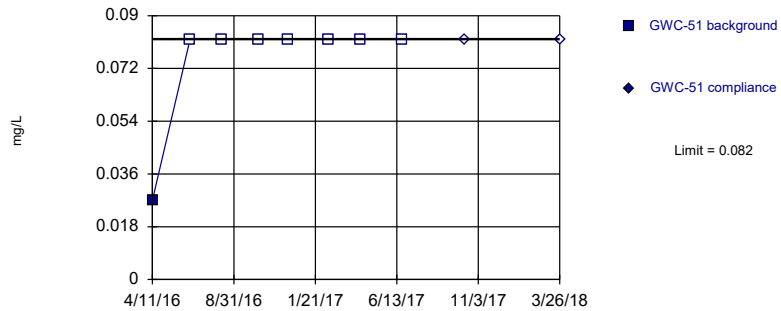
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

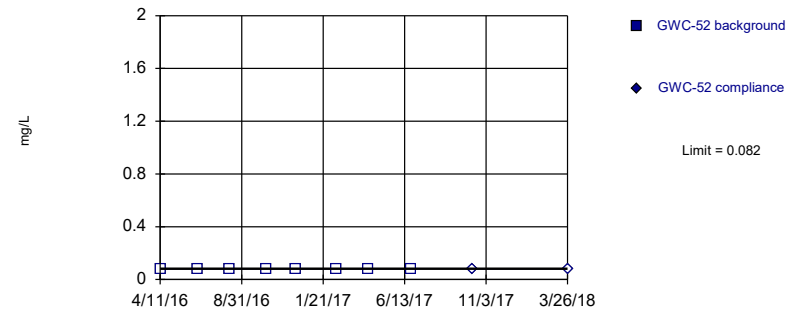
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric

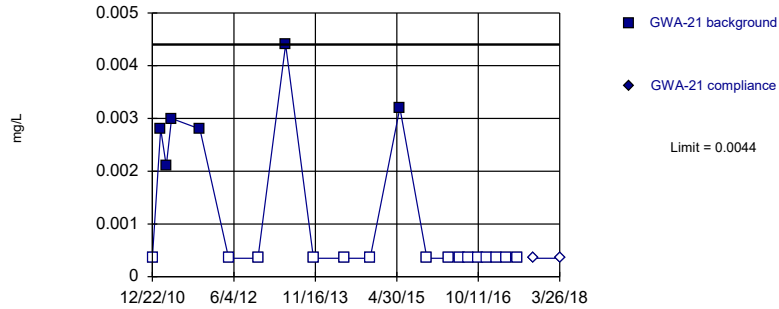


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

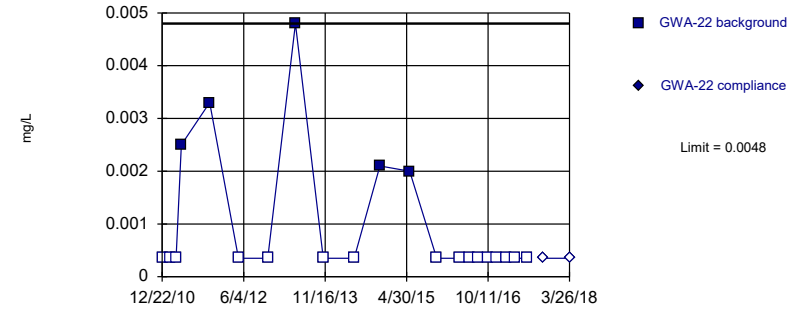


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

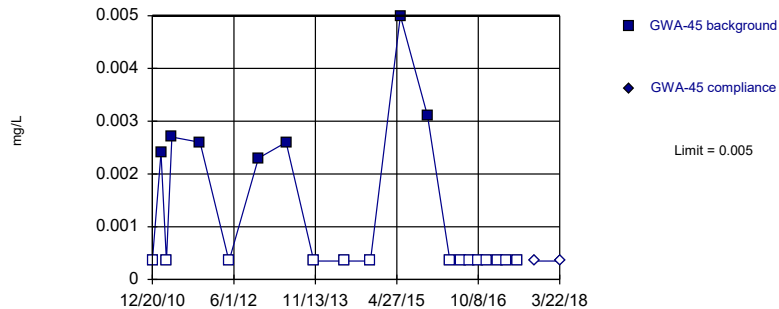


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

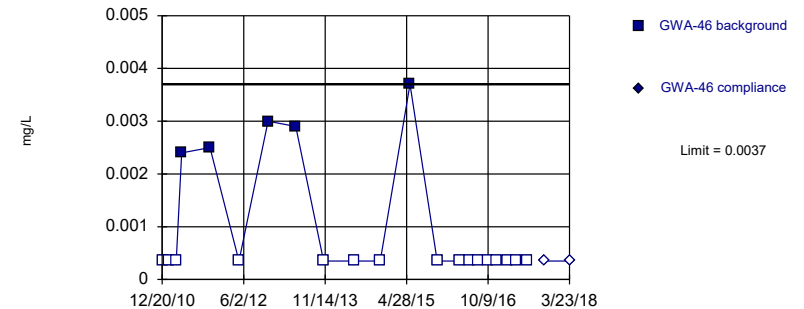


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



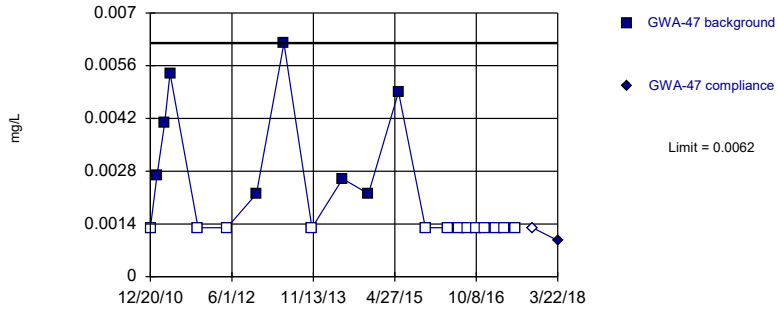
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



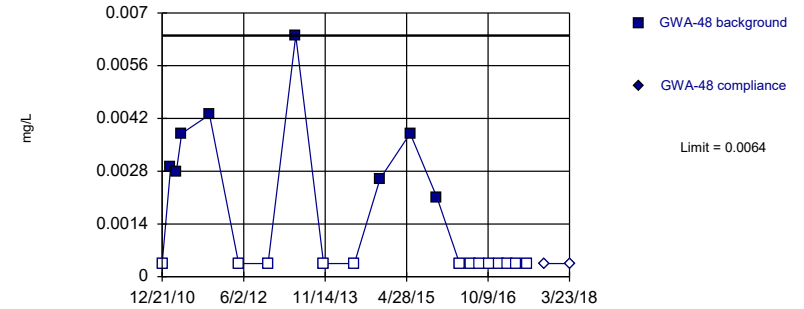
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



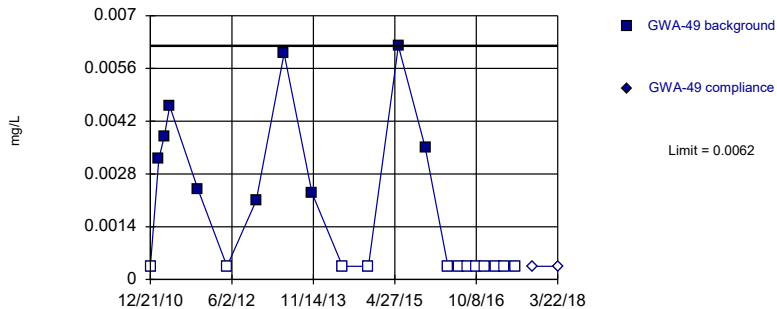
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



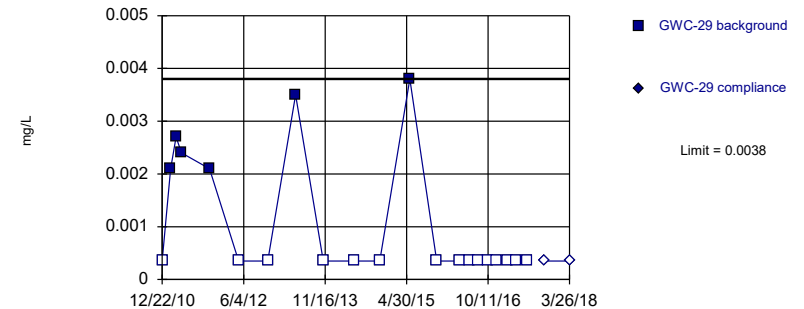
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 57.14% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

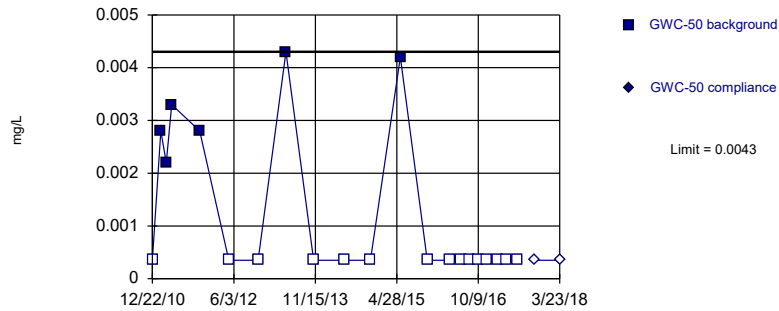


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

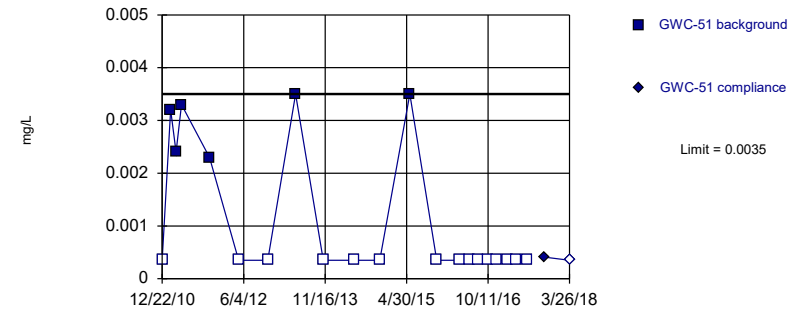


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

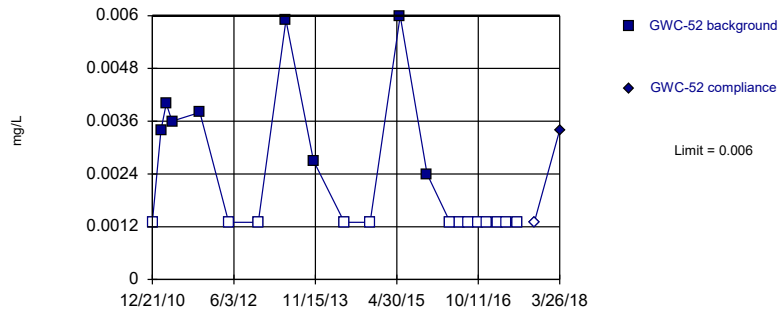


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

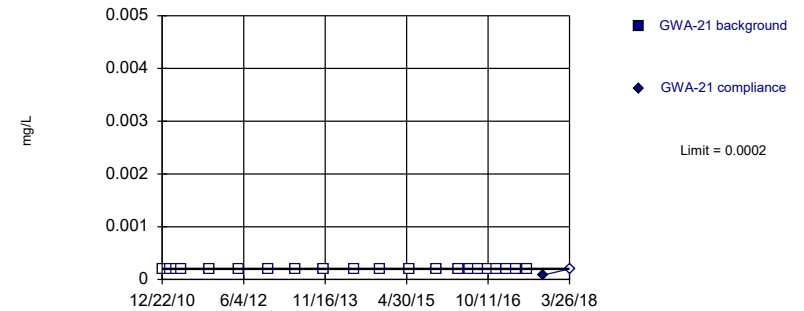


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

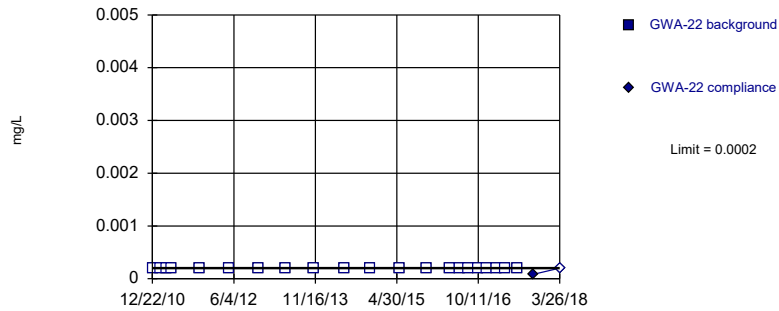


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

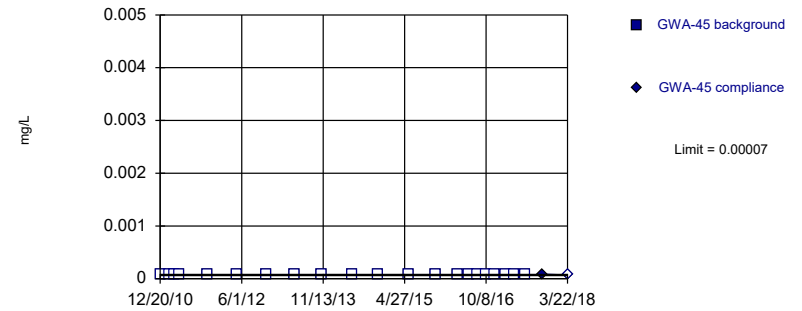


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

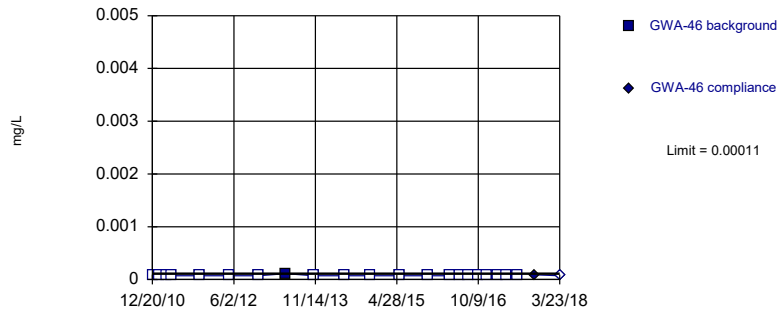


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

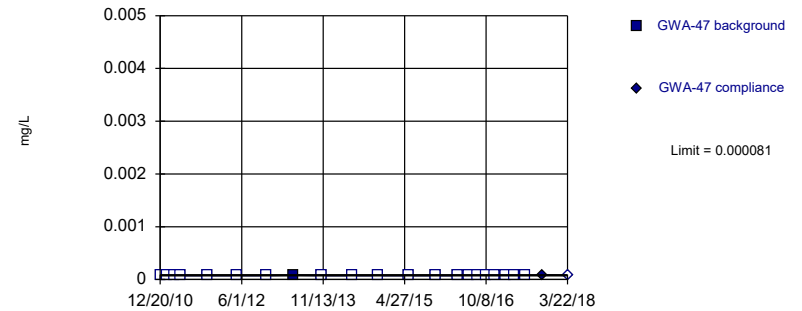


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



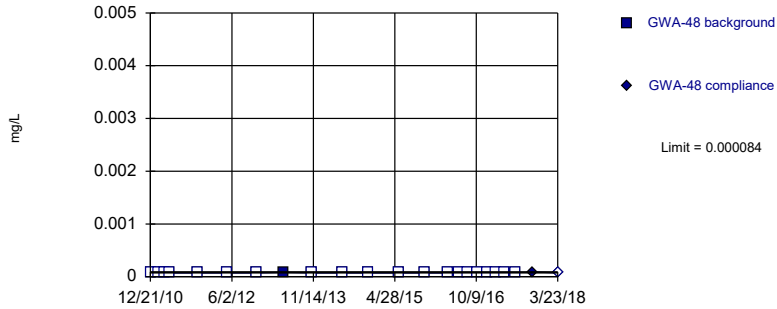
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



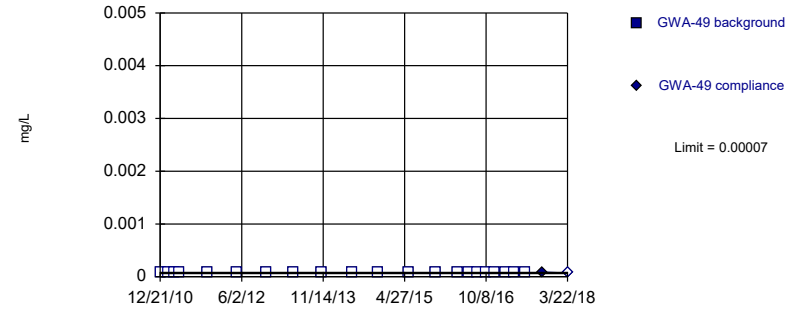
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



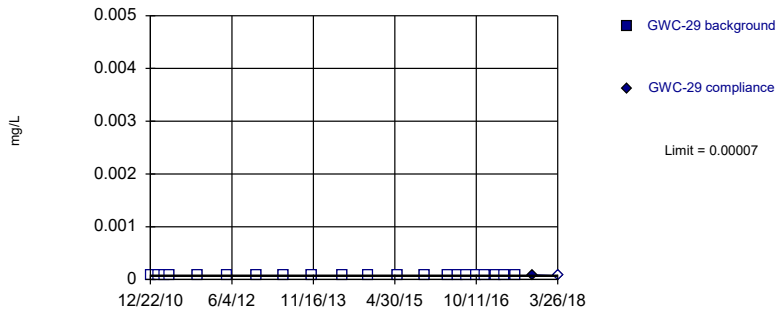
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



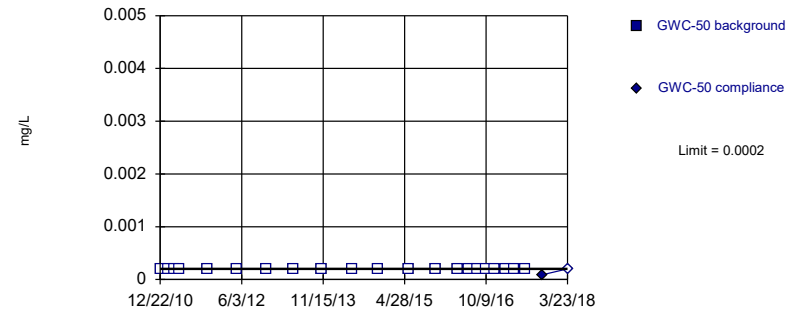
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

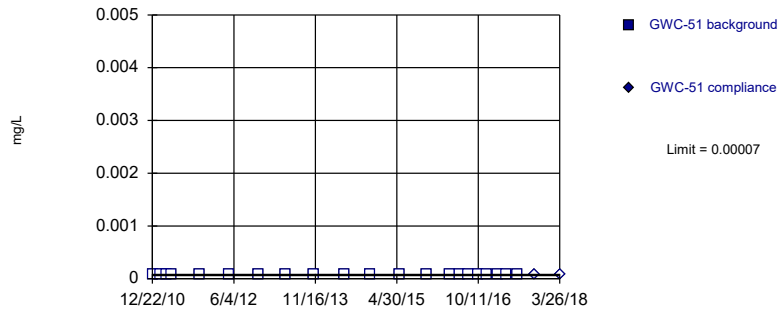
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

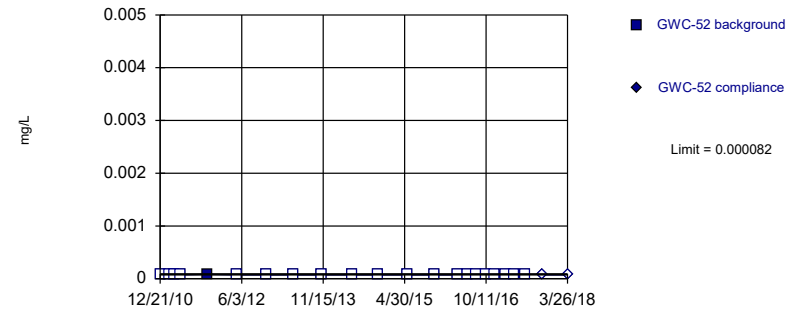
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

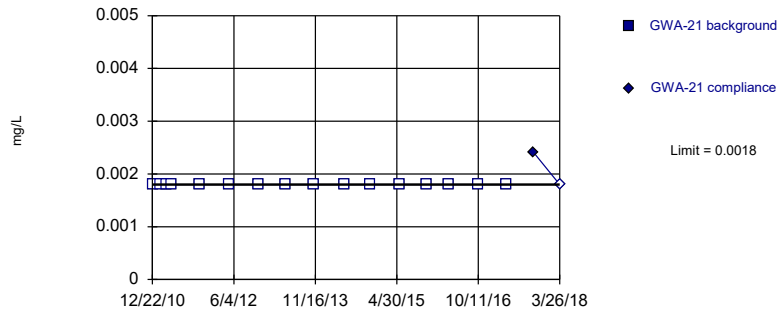
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

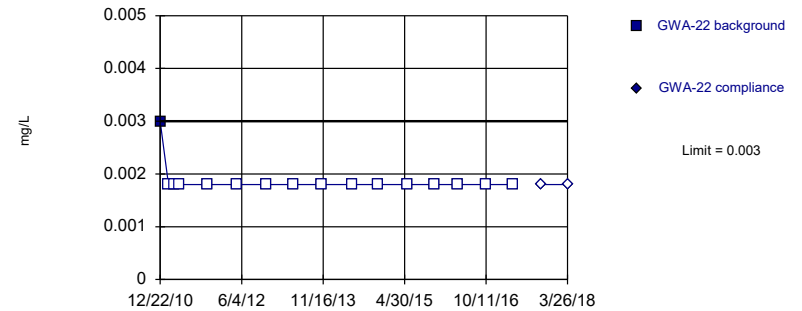
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

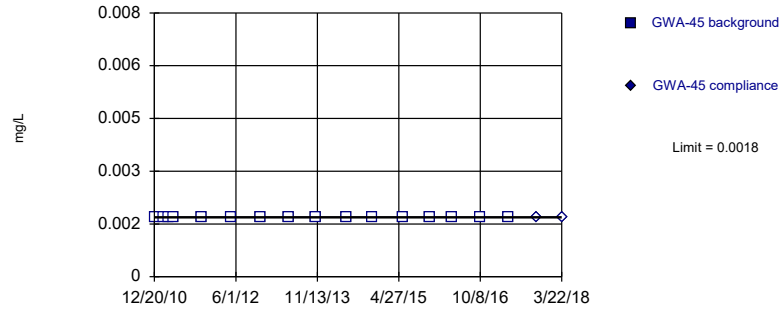
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

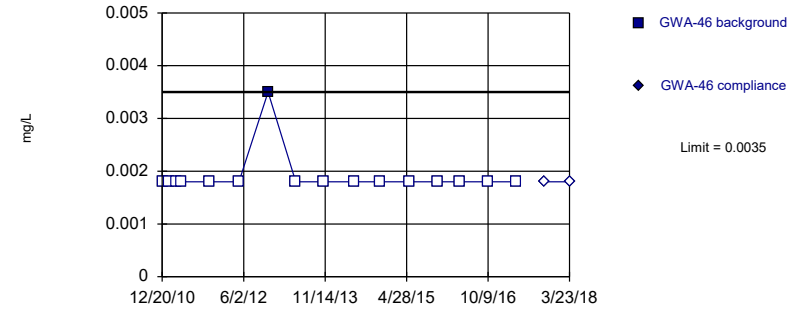
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

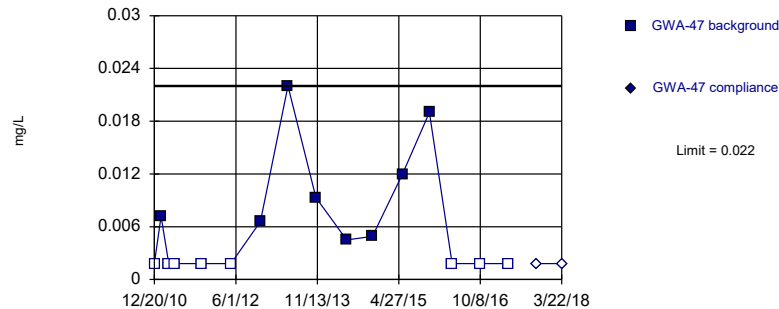
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

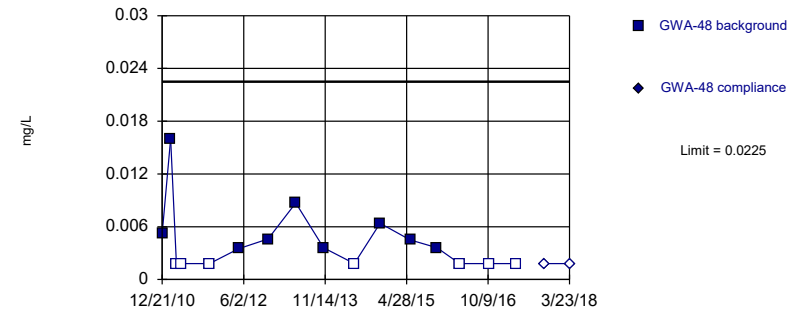
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 50% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric



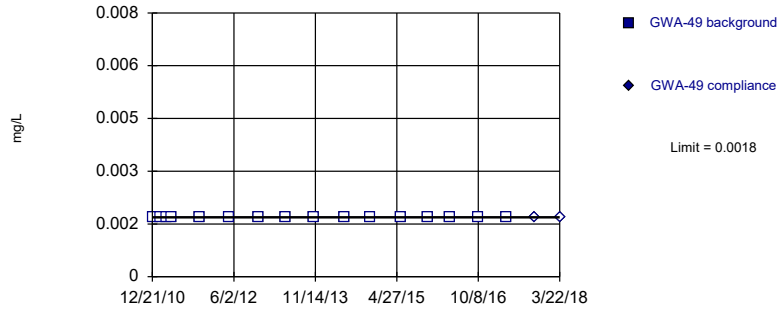
Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.733, Std. Dev.=0.67, n=16, 43.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8512, critical = 0.844. Kappa overridden to 2.894.

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



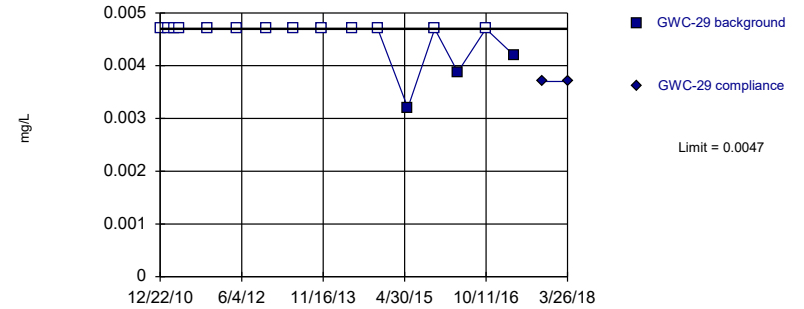
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



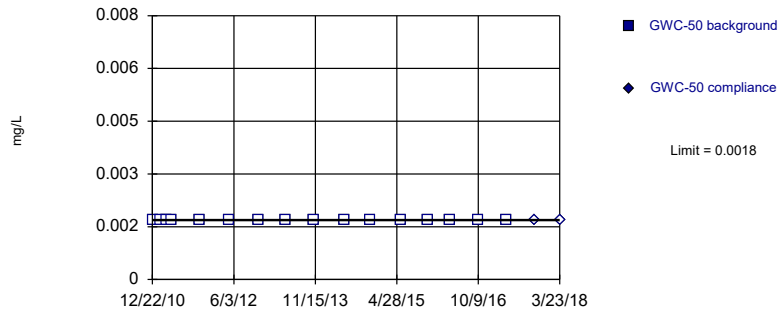
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



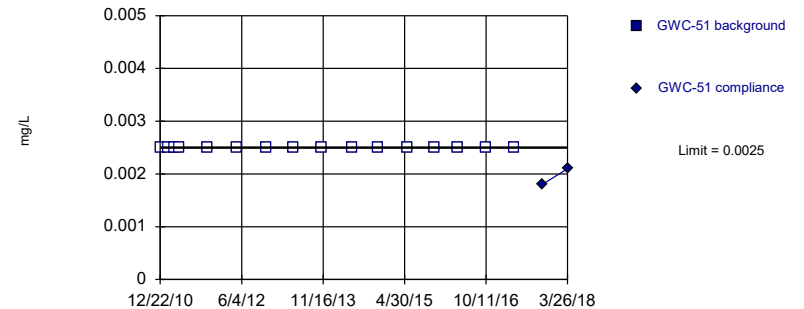
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

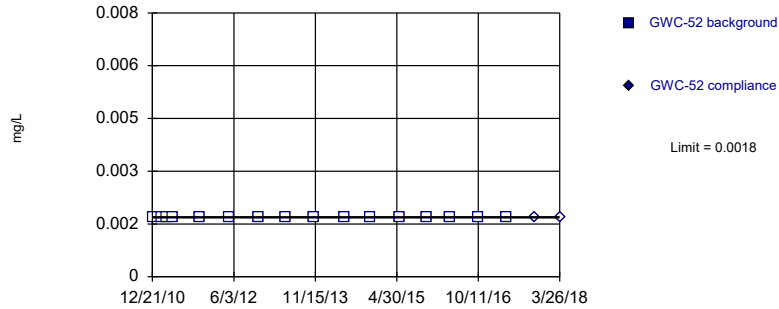
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

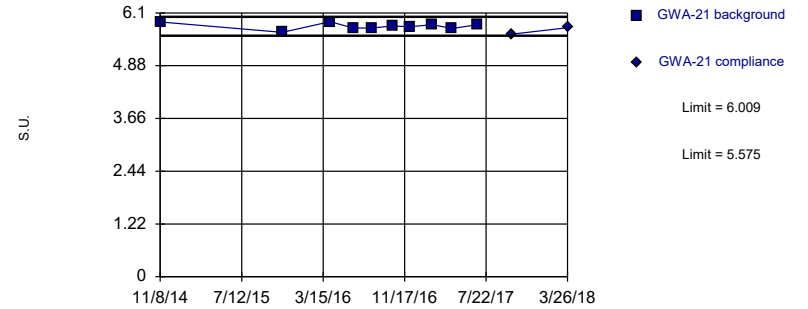
Within Limit Prediction Limit
 Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

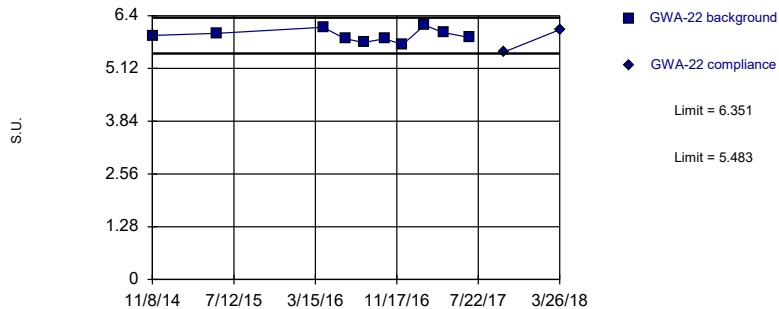
Within Limits Prediction Limit
 Intrawell Parametric



Background Data Summary: Mean=5.792, Std. Dev.=0.0751, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9583, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

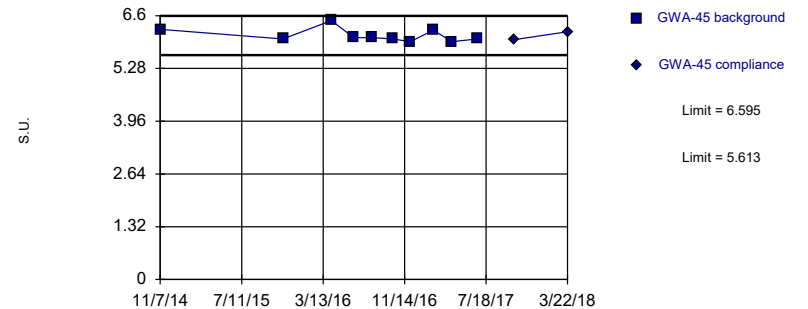
Within Limits Prediction Limit
 Intrawell Parametric



Background Data Summary: Mean=5.917, Std. Dev.=0.15, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9631, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits Prediction Limit
 Intrawell Parametric

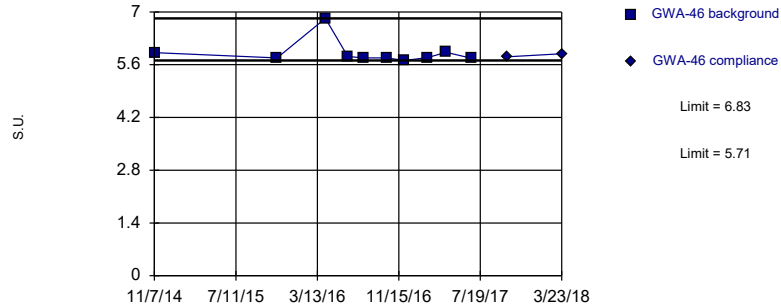


Background Data Summary: Mean=6.104, Std. Dev.=0.1695, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8116, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

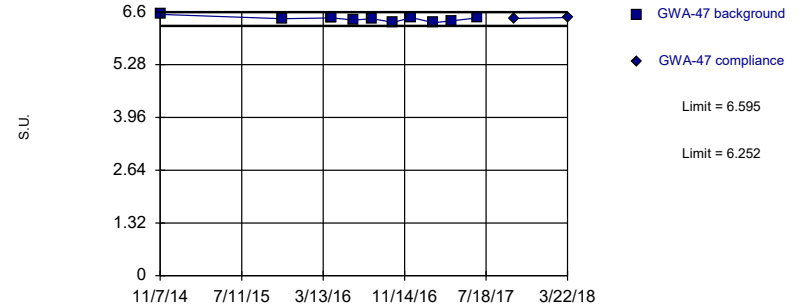


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 10 background values. Well-constituent pair annual alpha = 0.0586. Individual comparison alpha = 0.02952 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

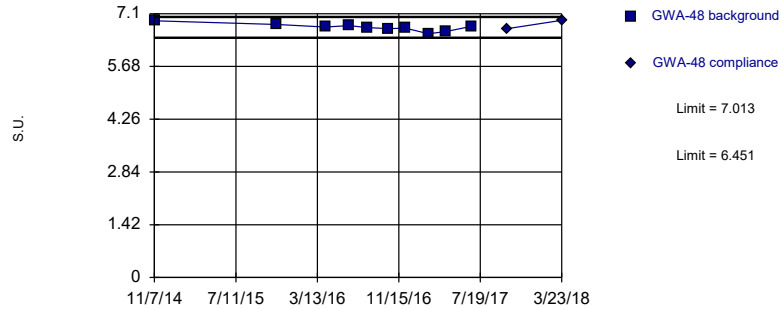


Background Data Summary: Mean=6.424, Std. Dev.=0.05938, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.937, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

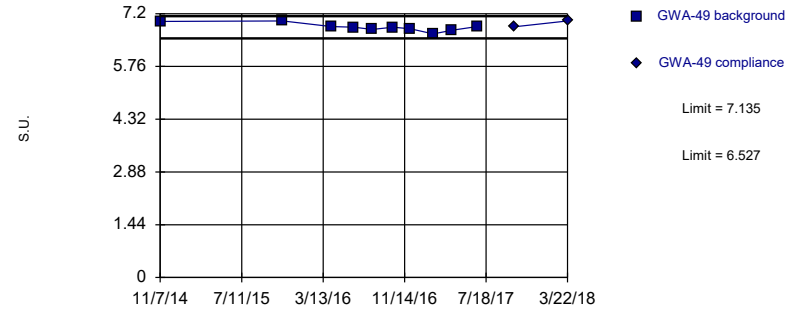


Background Data Summary: Mean=6.732, Std. Dev.=0.09693, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9744, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

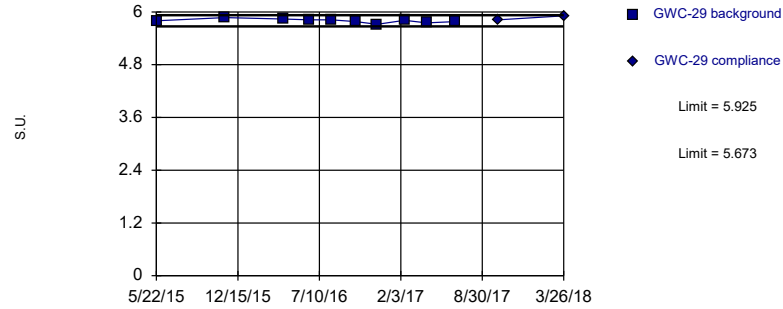


Background Data Summary: Mean=6.831, Std. Dev.=0.105, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9327, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

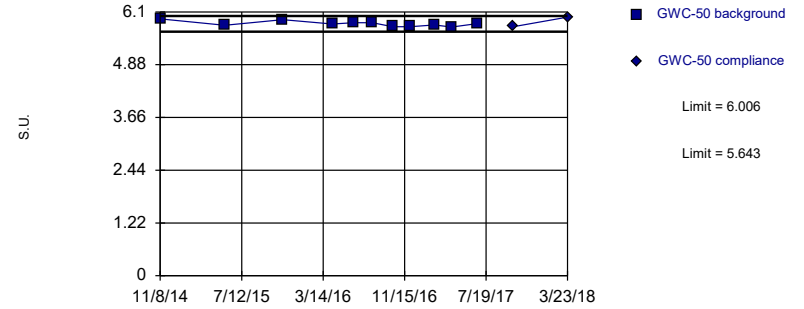


Background Data Summary: Mean=5.799, Std. Dev.=0.04358, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9822, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

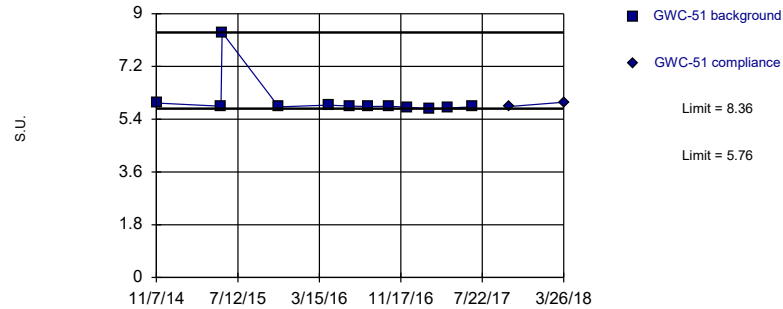


Background Data Summary: Mean=5.825, Std. Dev.=0.06283, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.919, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

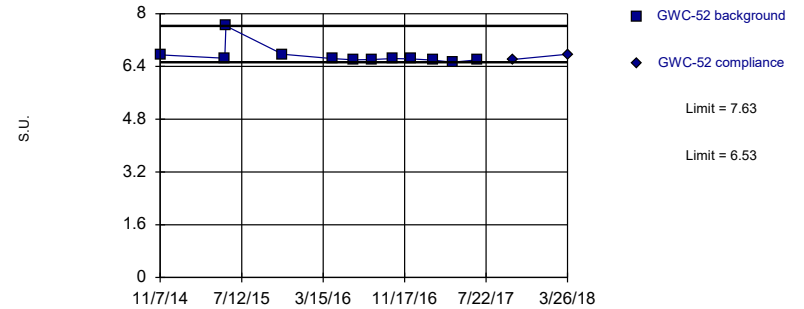


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 12 background values. Well-constituent pair annual alpha = 0.04286. Individual comparison alpha = 0.02155 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

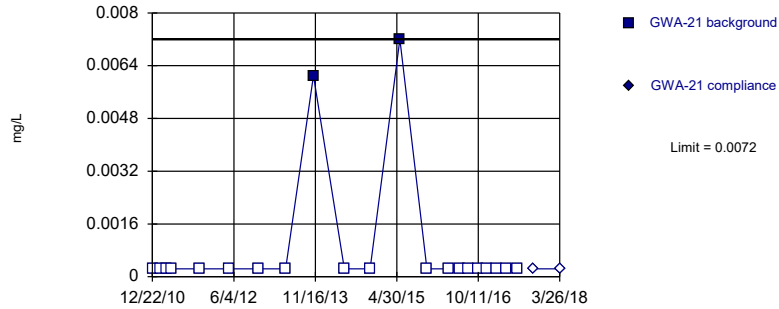


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 12 background values. Well-constituent pair annual alpha = 0.04286. Individual comparison alpha = 0.02155 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

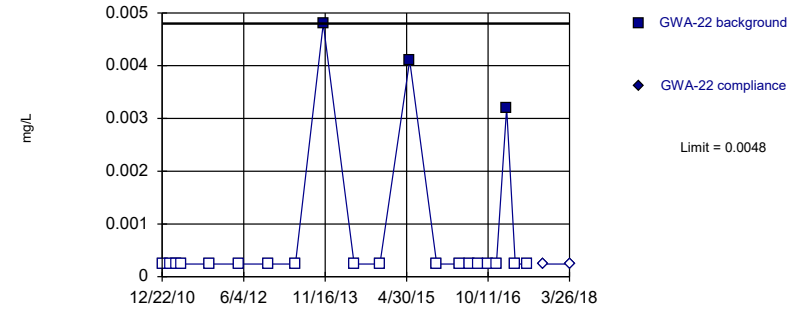


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

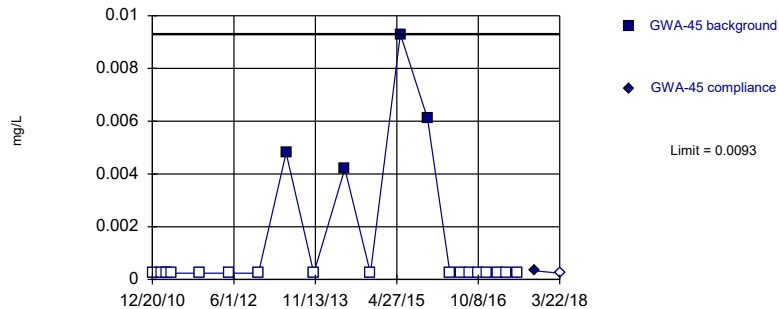


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

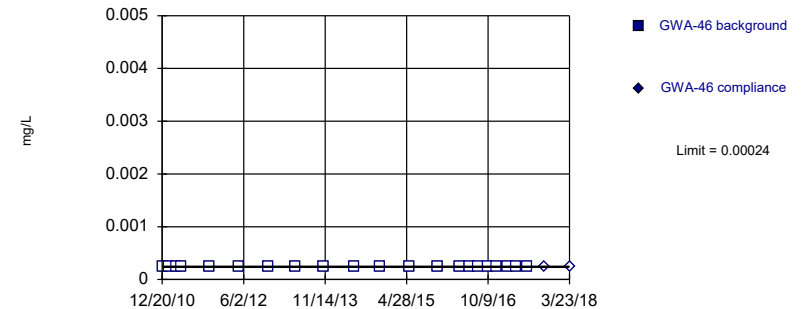


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



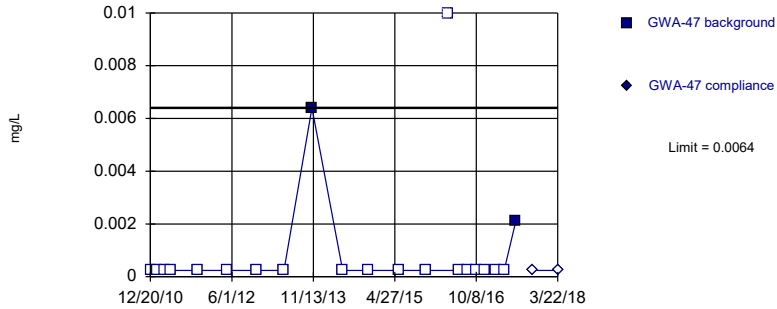
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



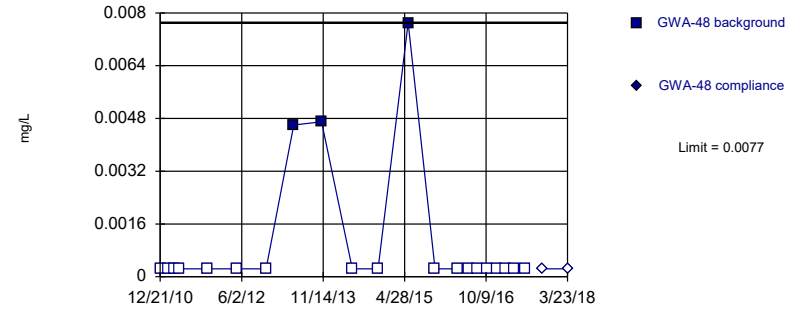
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



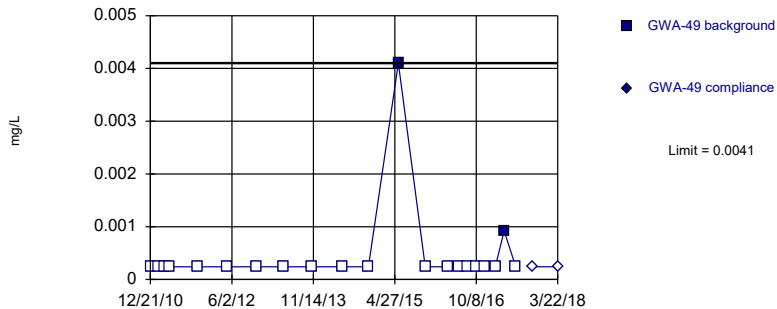
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



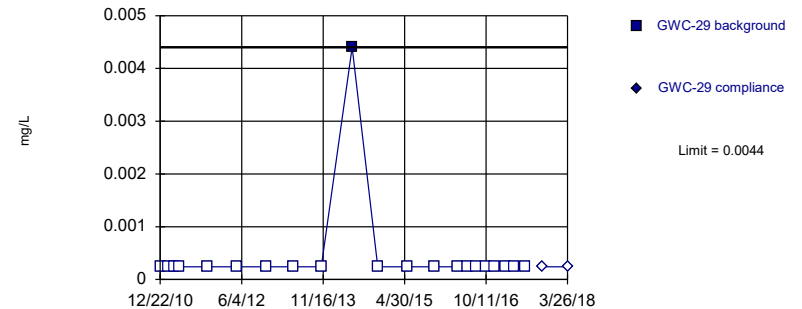
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

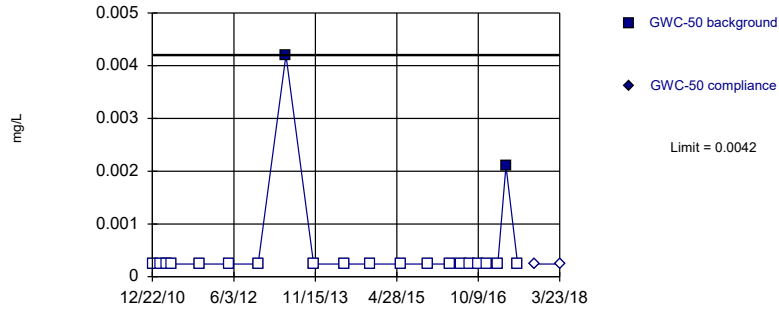


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

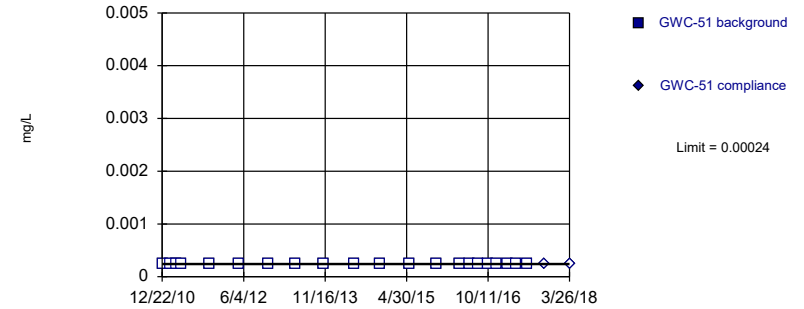


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

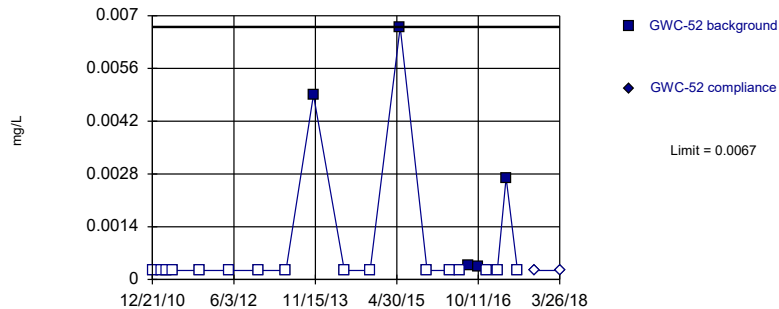


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

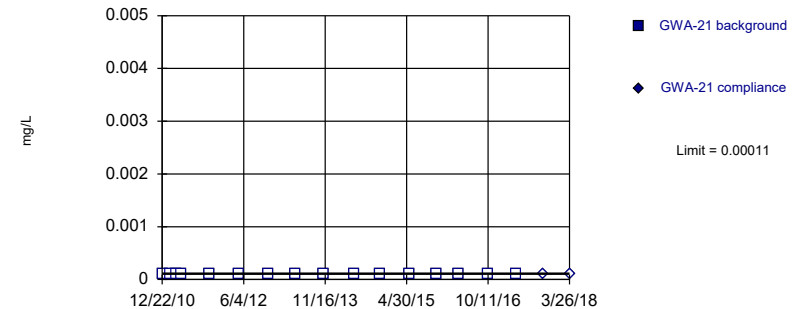


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



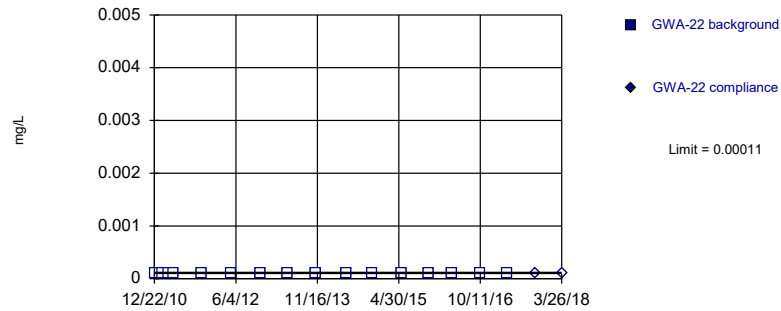
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



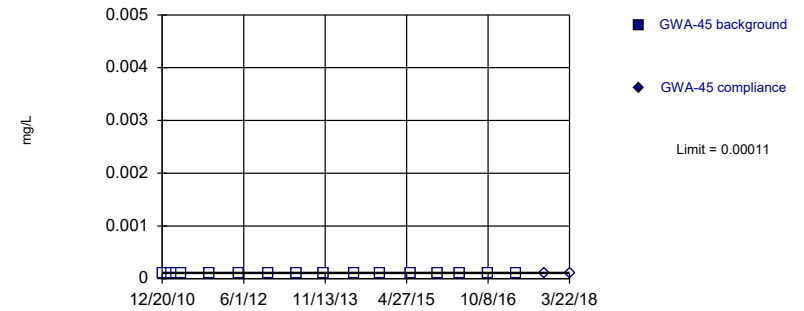
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



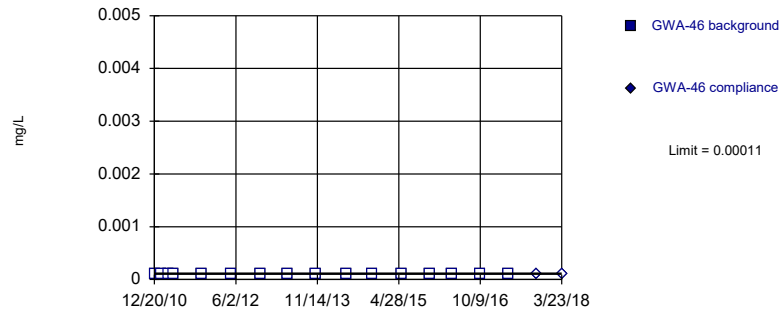
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



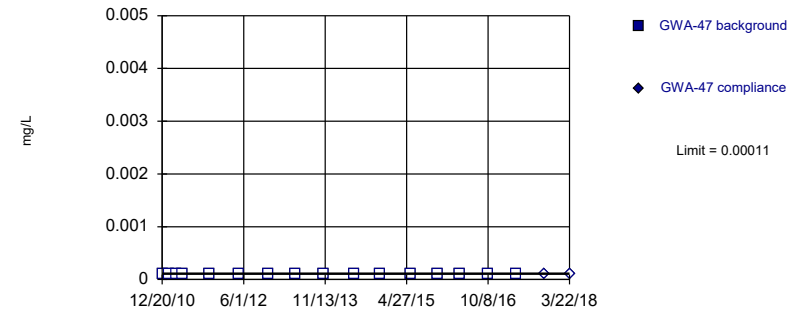
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

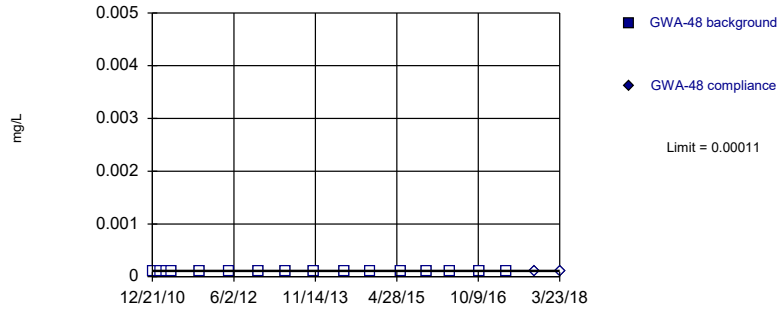


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

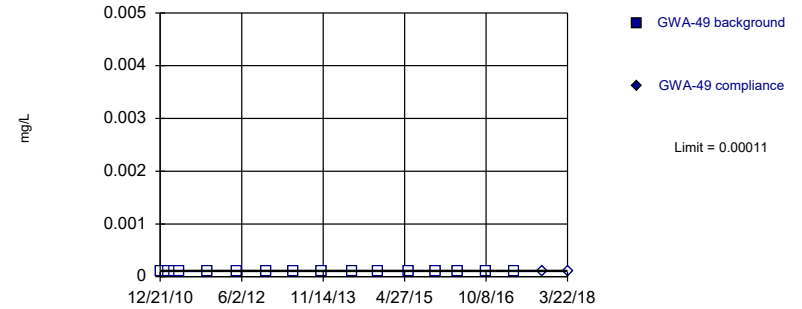


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

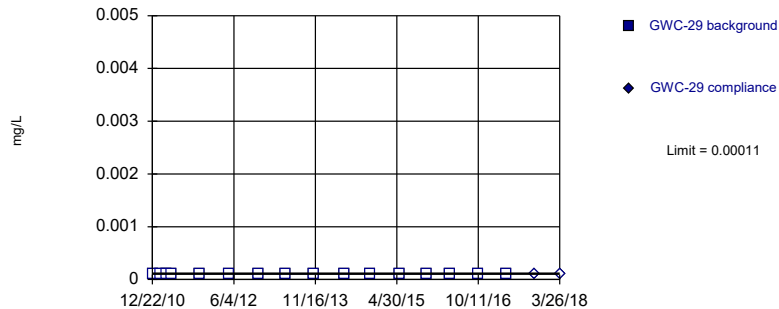


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

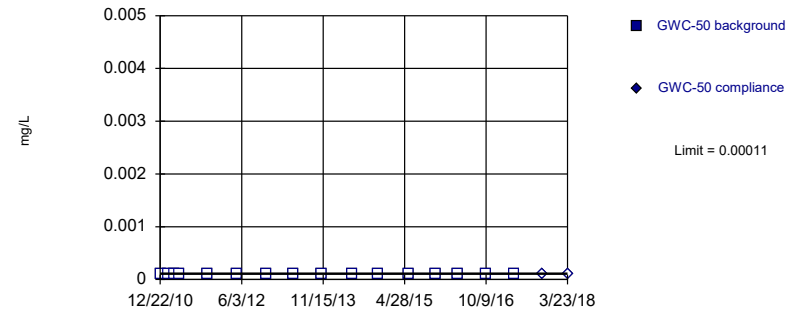


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

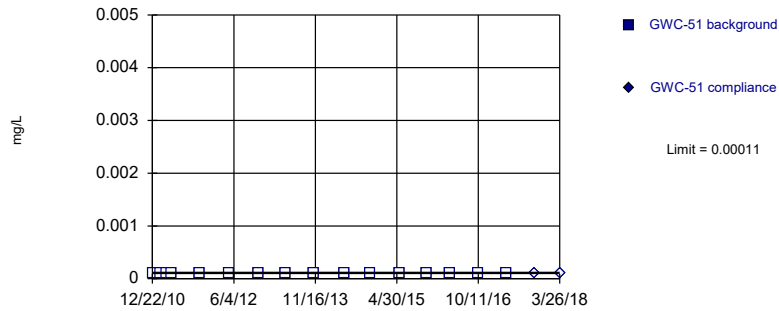
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

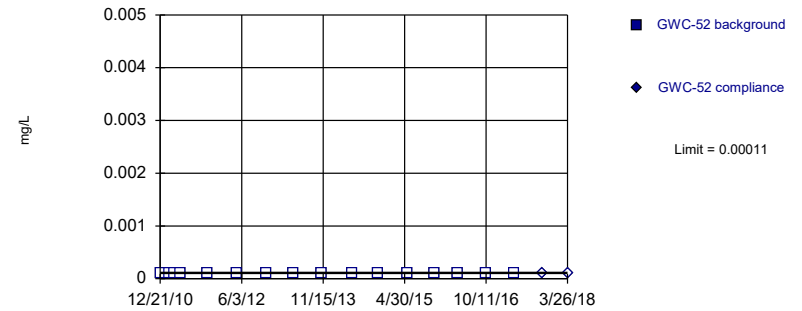
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

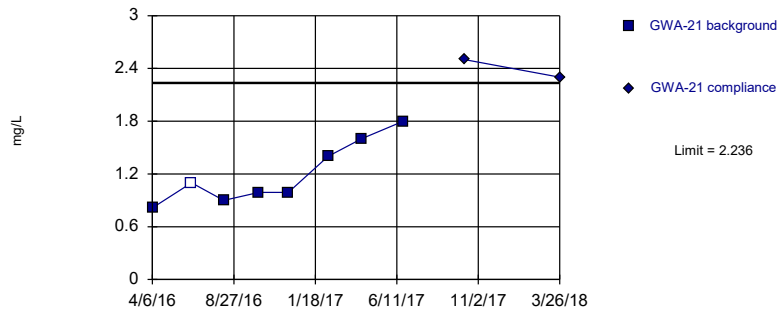
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

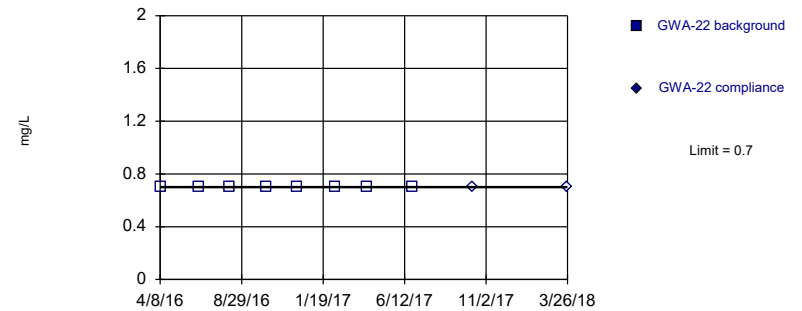
Exceeds Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.199, Std. Dev.=0.3582, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8949, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric

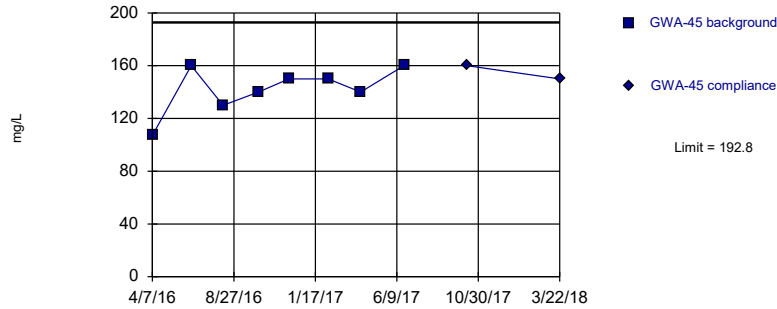


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

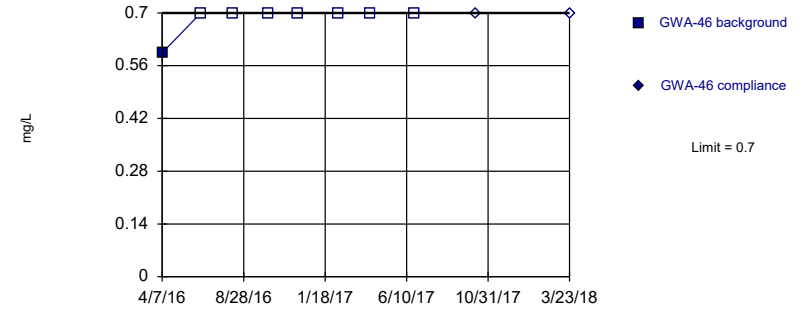


Background Data Summary: Mean=142.1, Std. Dev.=17.51, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8944, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

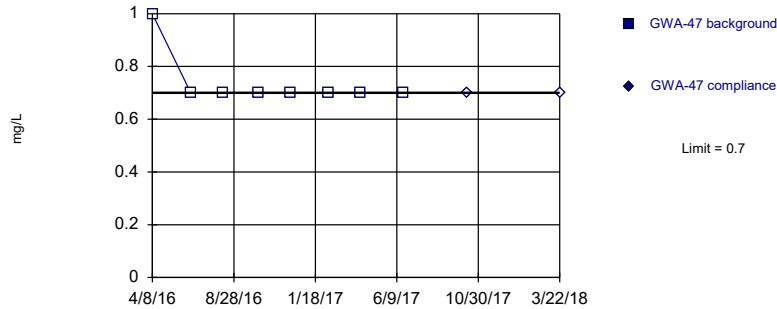


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

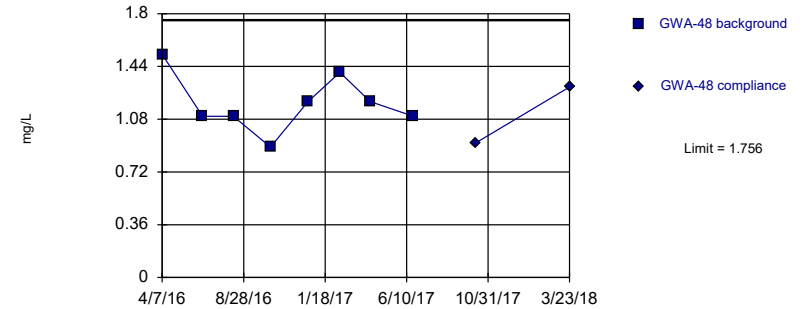


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

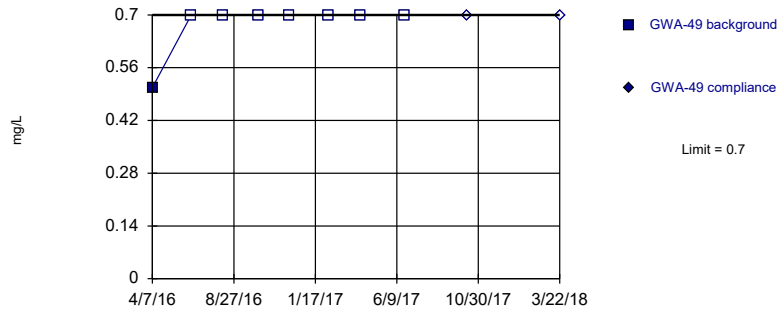
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.189, Std. Dev.=0.196, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9317, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:22 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

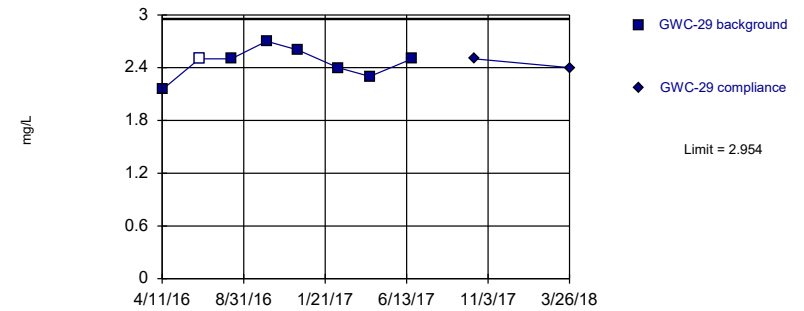
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

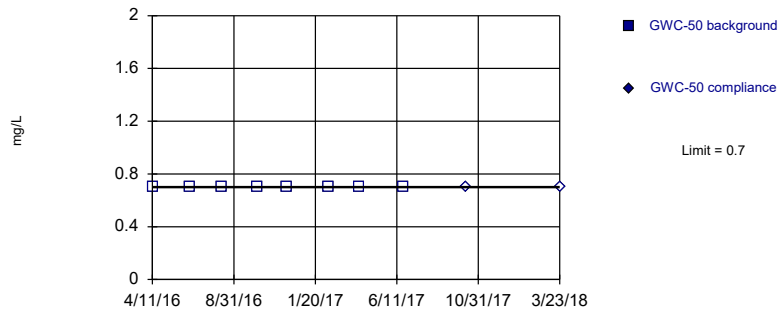
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.456, Std. Dev.=0.172, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9567, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

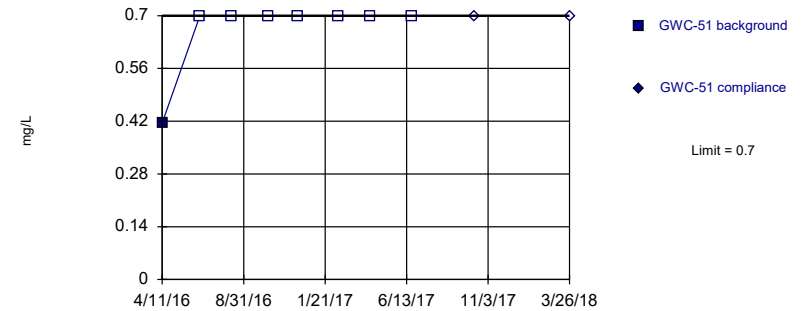
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric

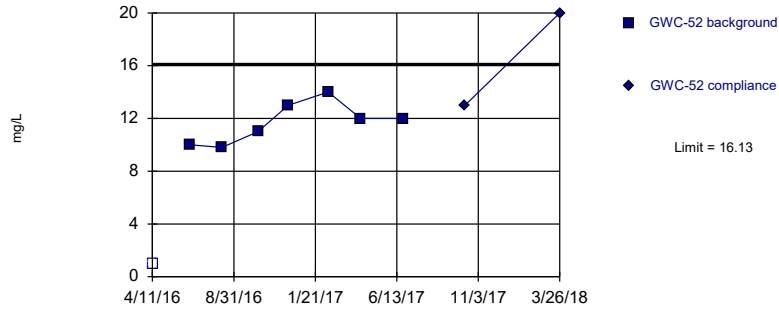


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

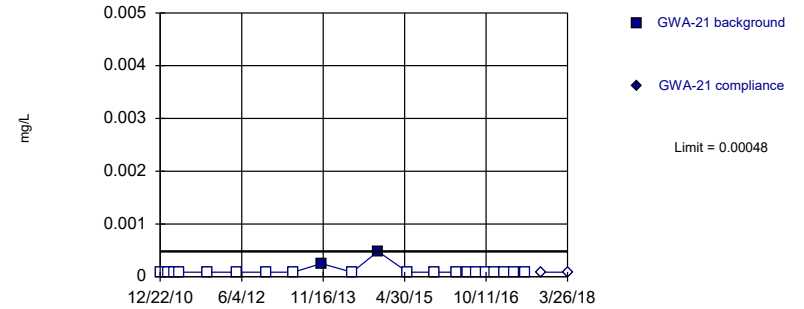


Background Data Summary: Mean=11.69, Std. Dev.=1.536, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9505, critical = 0.73. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

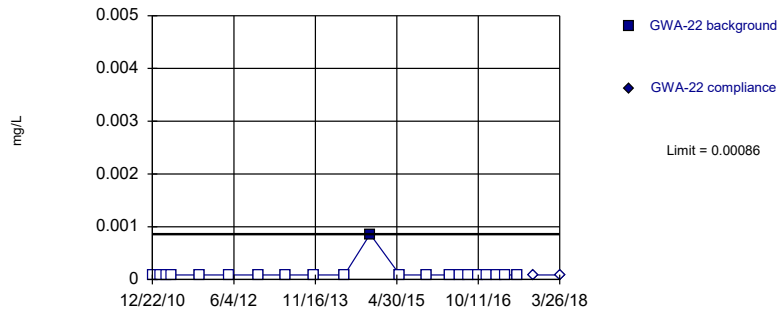


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

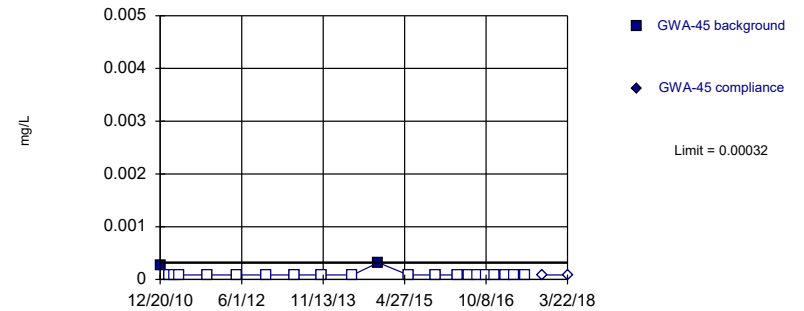


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

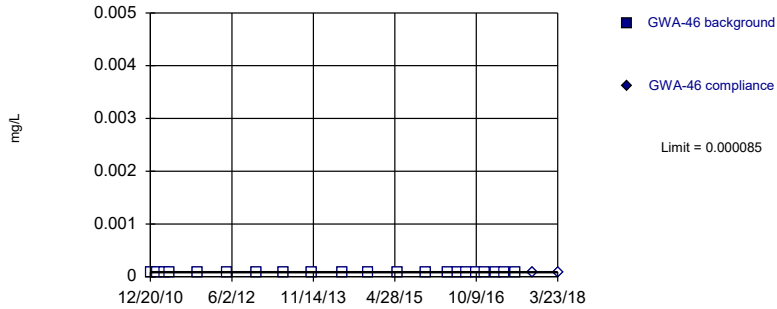


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

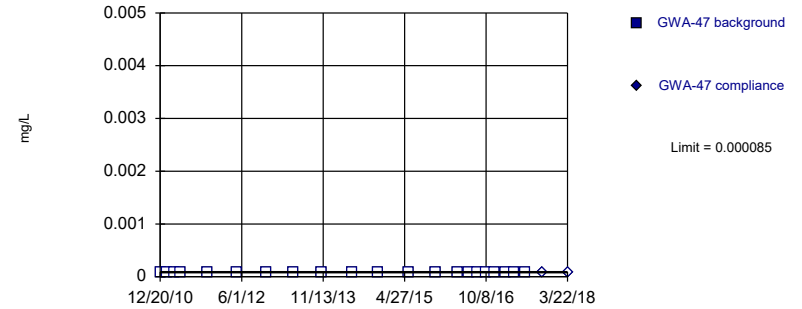


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

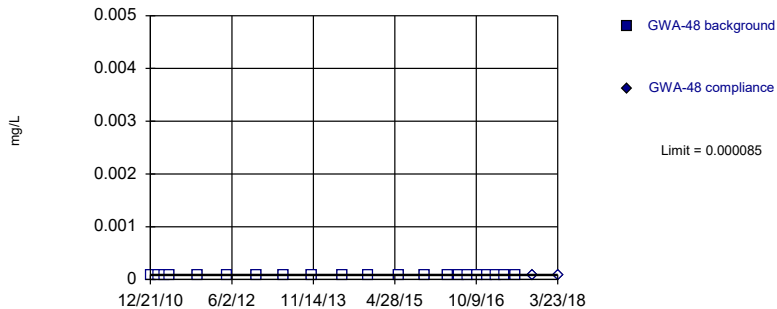


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

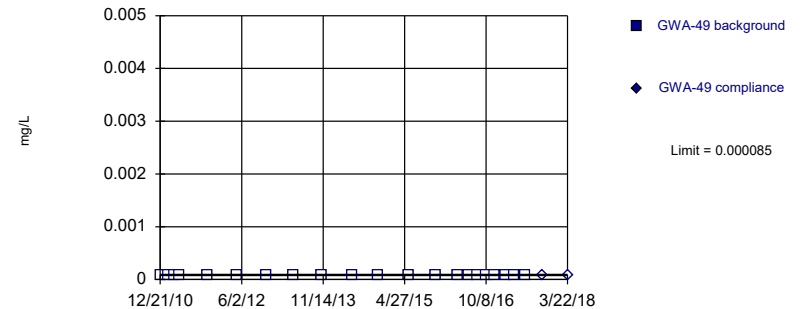


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

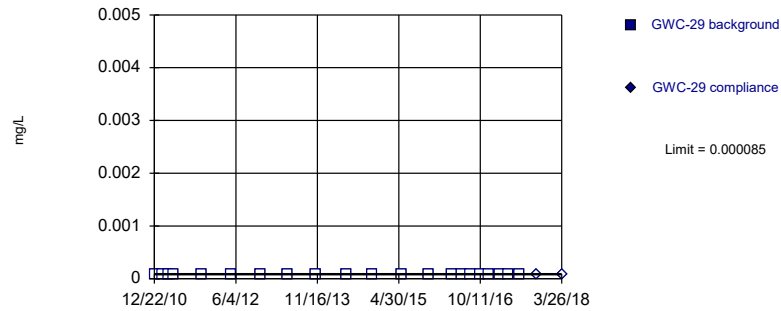
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

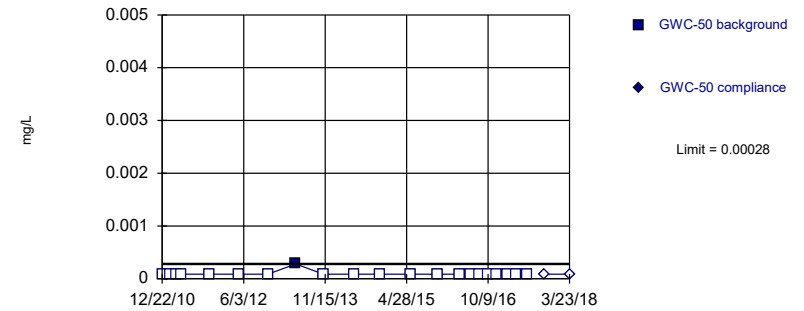
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

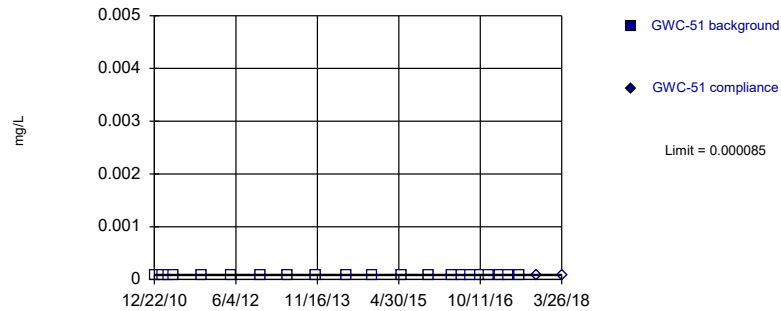
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

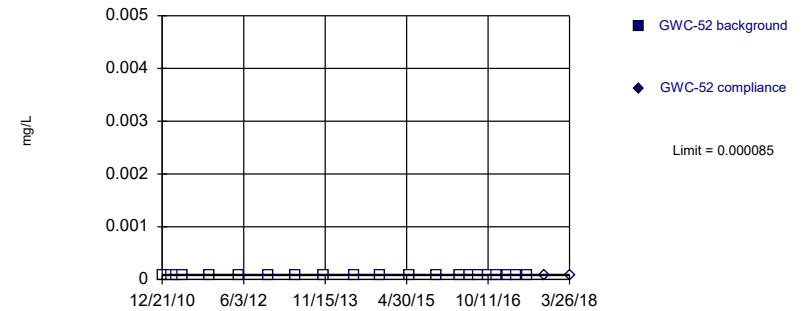
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

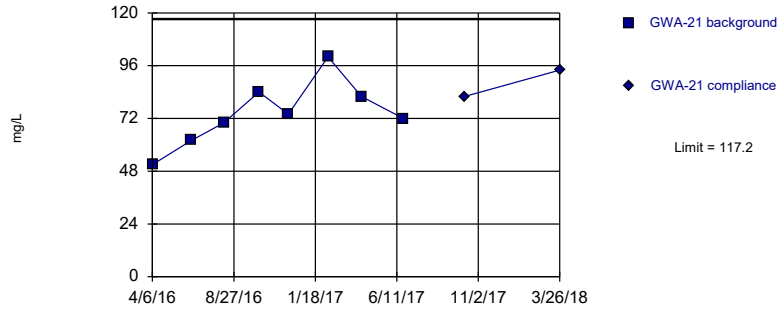
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

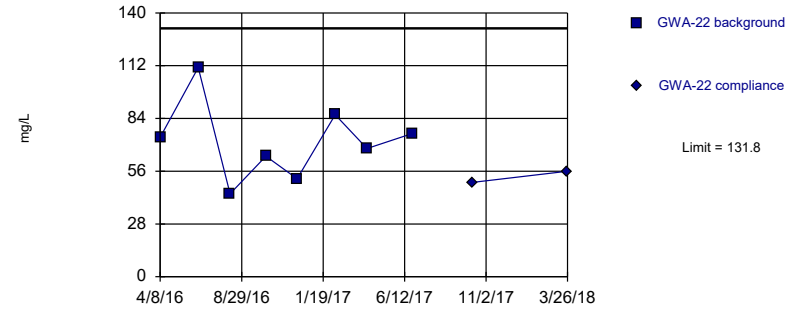
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=74.38, Std. Dev.=14.79, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9837, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

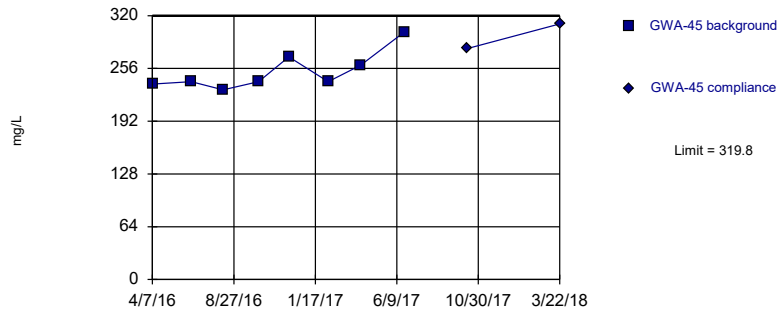
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=71.88, Std. Dev.=20.7, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9622, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

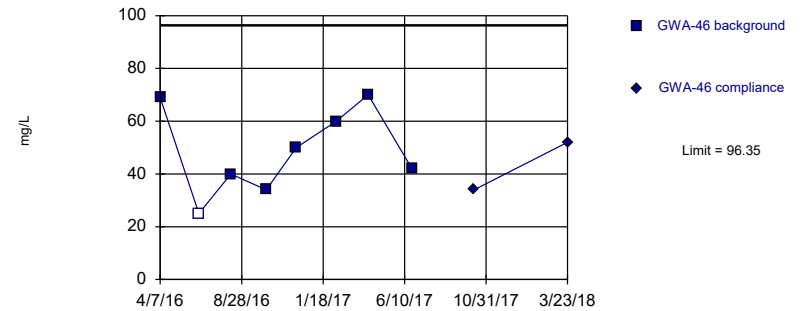
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=252.1, Std. Dev.=23.4, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8267, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

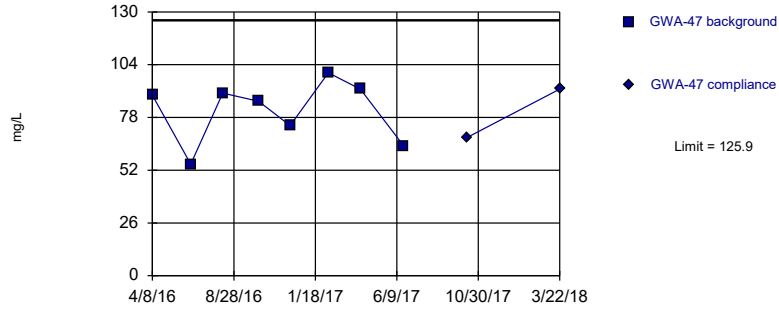
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=48.75, Std. Dev.=16.45, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9424, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

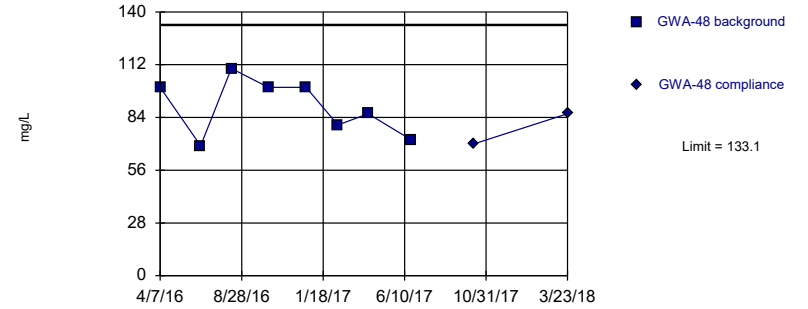
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=81.25, Std. Dev.=15.42, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9156, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

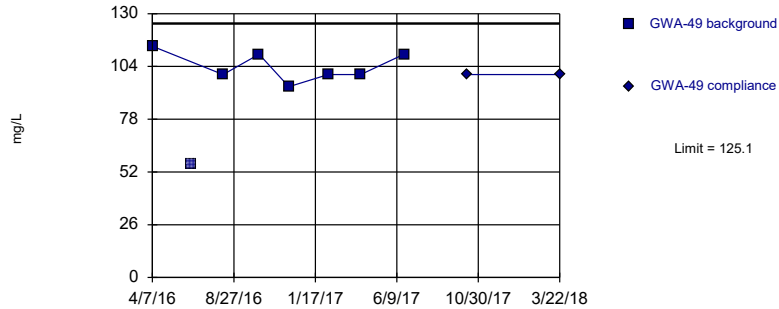
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=89.63, Std. Dev.=15.02, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9113, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

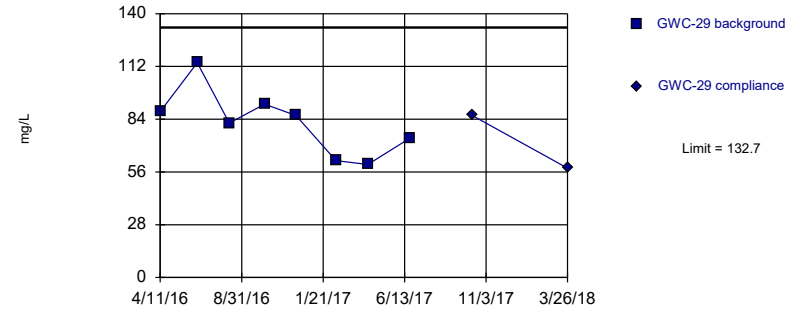
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=104, Std. Dev.=7.303, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8923, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

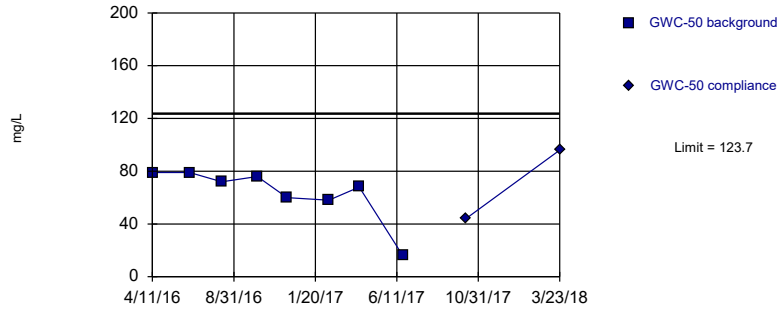
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=82.25, Std. Dev.=17.42, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9467, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

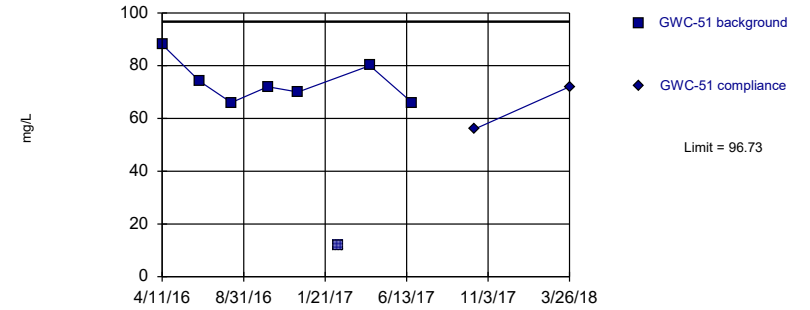
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=63.5, Std. Dev.=20.8, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7541, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

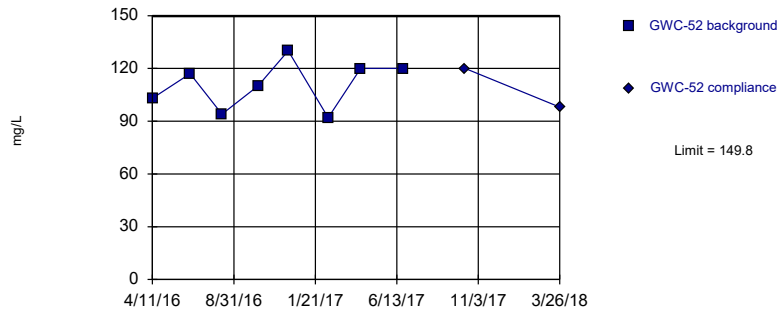
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=73.71, Std. Dev.=7.952, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9036, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

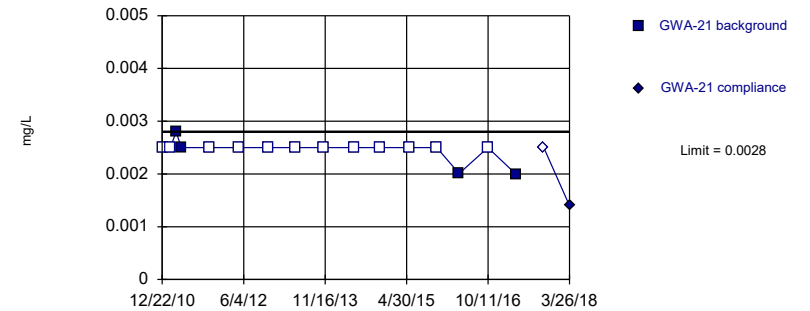
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=110.8, Std. Dev.=13.49, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.939, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric



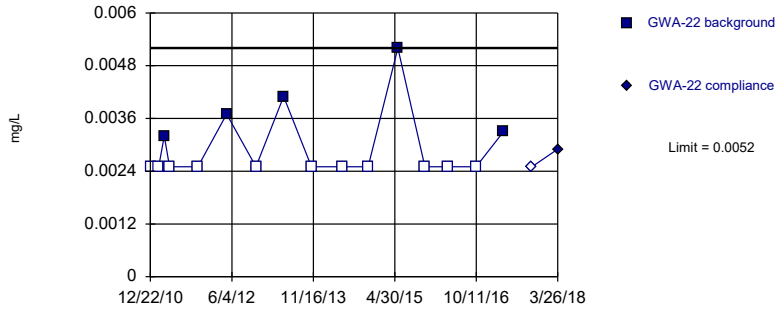
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



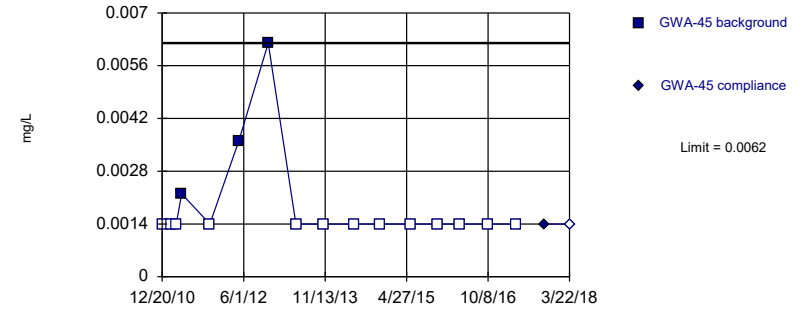
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



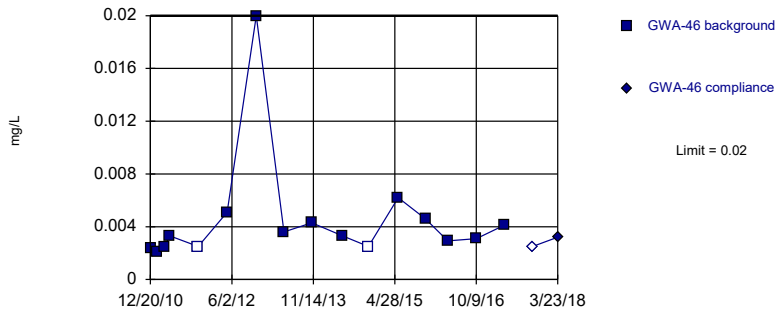
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

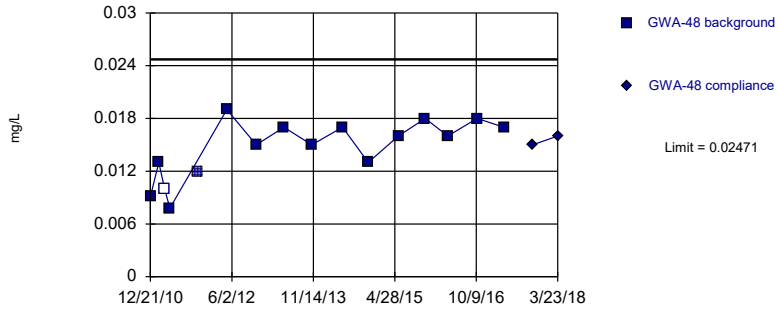
Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



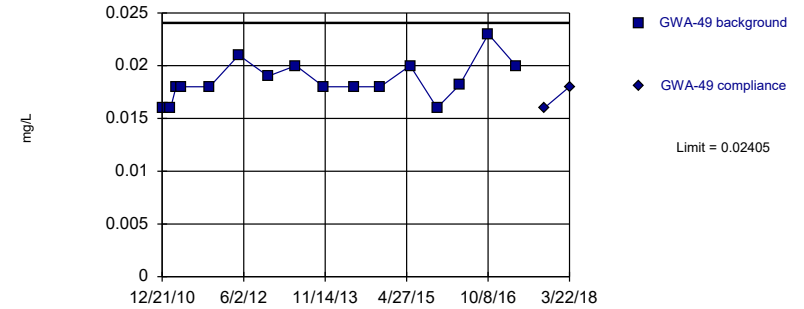
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01473, Std. Dev.=0.003449, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8964, critical = 0.835. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

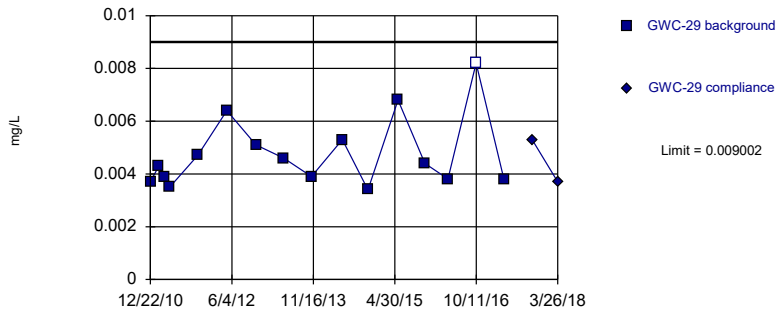
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01858, Std. Dev.=0.001893, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.907, critical = 0.844. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

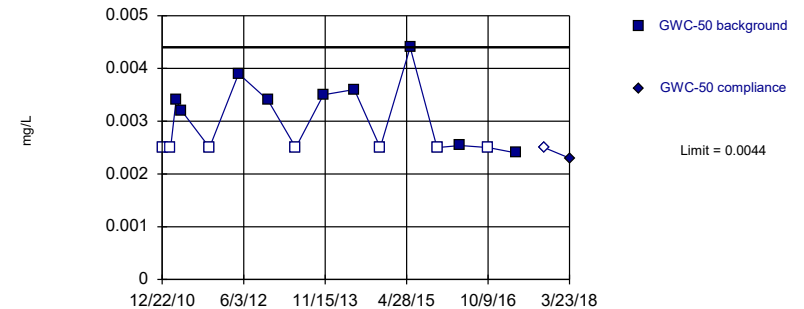
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.06826, Std. Dev.=0.009199, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8744, critical = 0.844. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 43.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

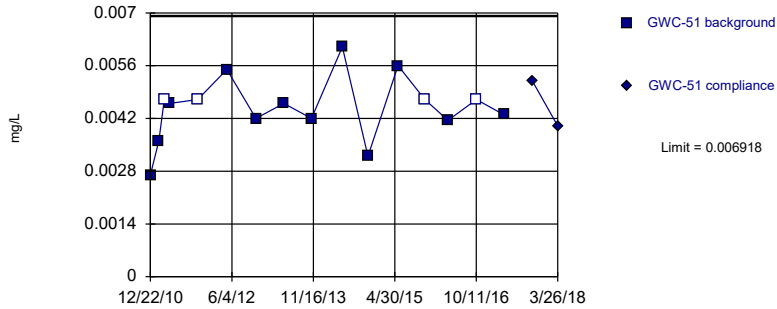
Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.004128, Std. Dev.=0.0009643, n=16, 25%
NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.953, critical = 0.844. Kappa overridden to 2.894.

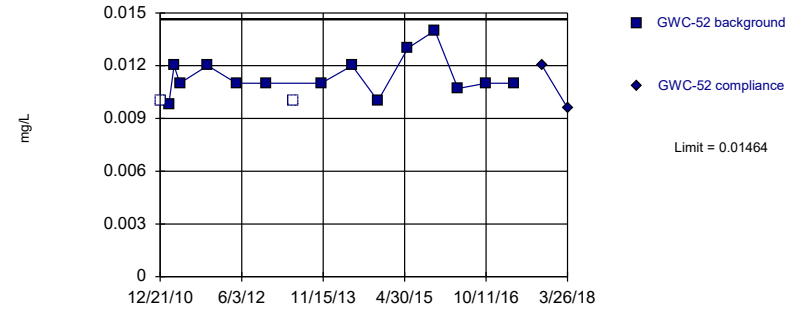
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01139, Std. Dev.=0.001122, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8937, critical = 0.825. Kappa overridden to 2.894.

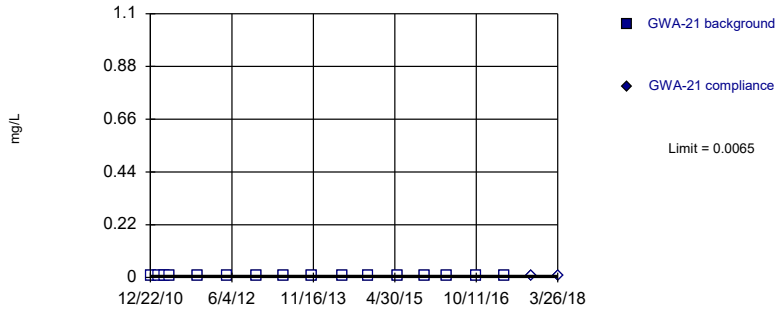
Constituent: Vanadium, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

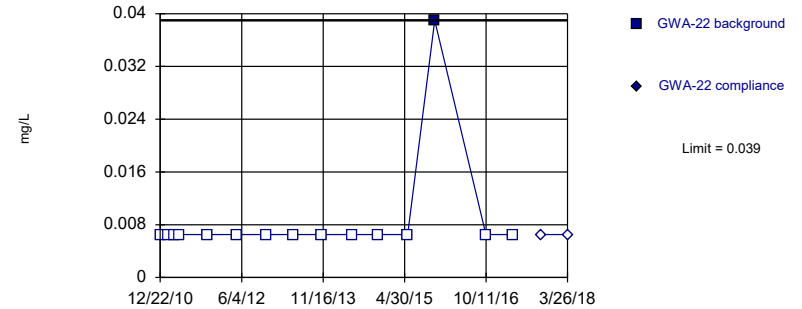
Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric

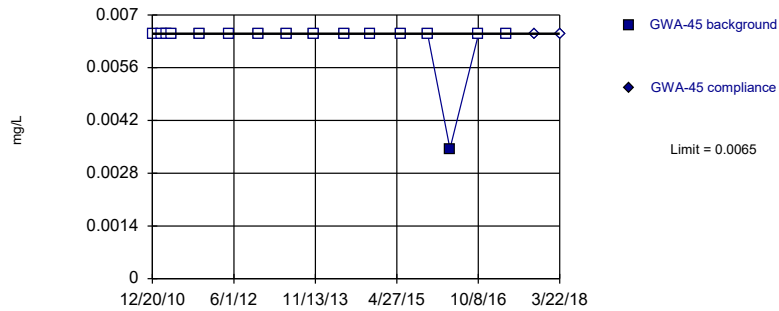


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

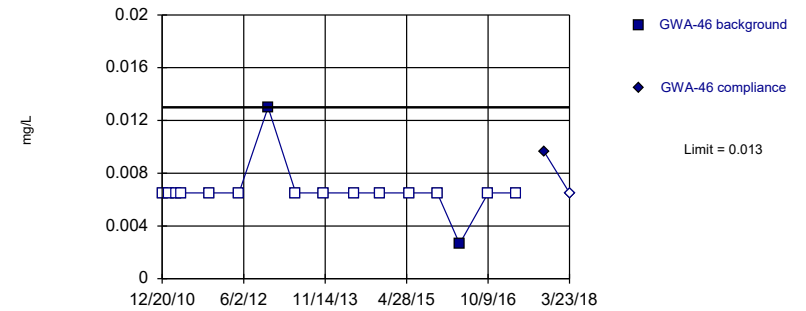


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

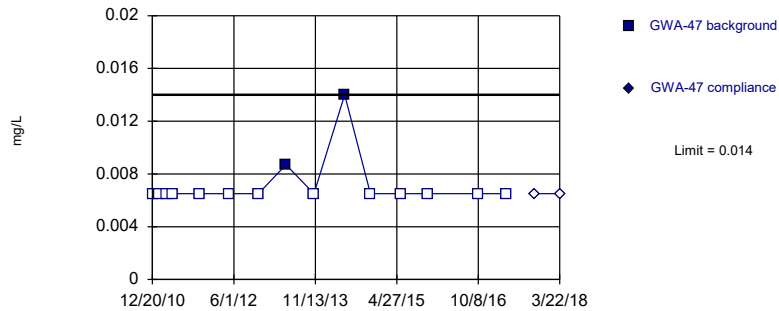


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

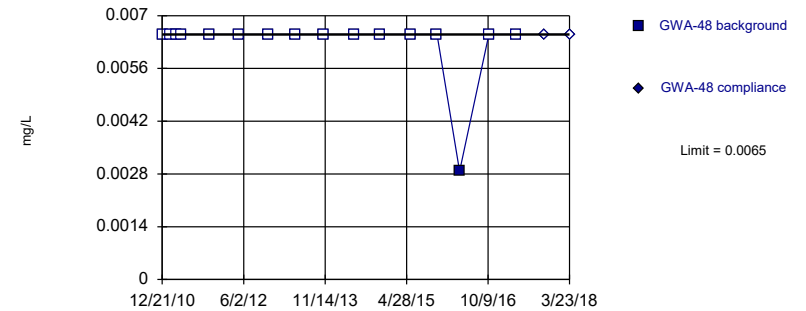


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

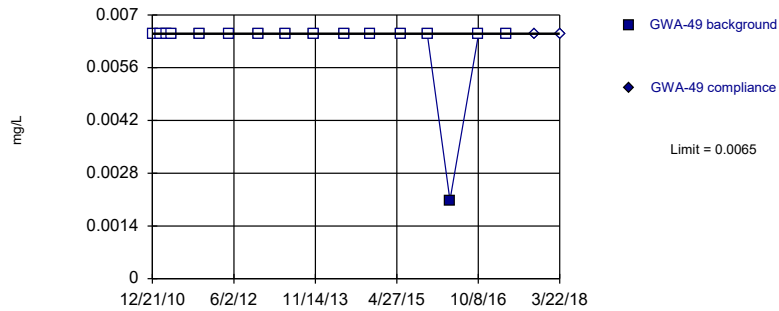


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

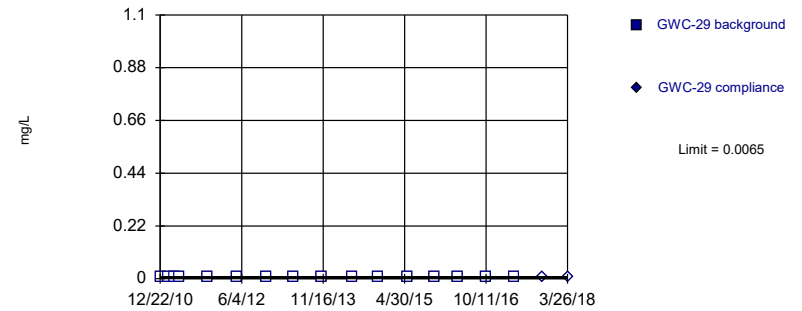


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

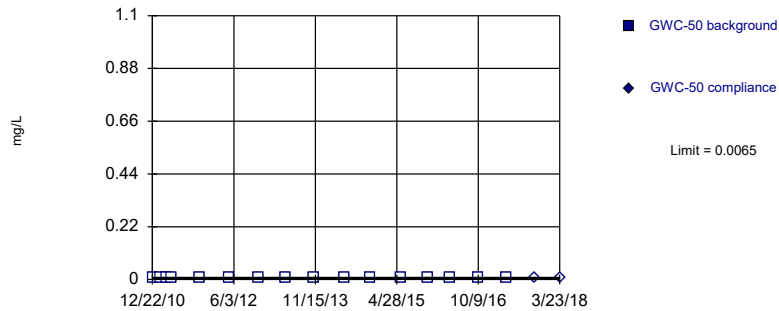


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

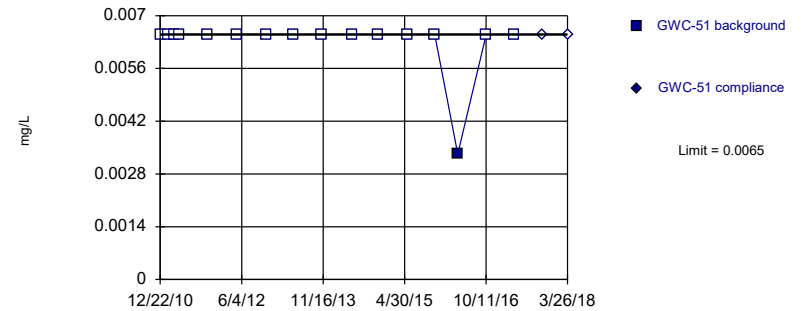


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

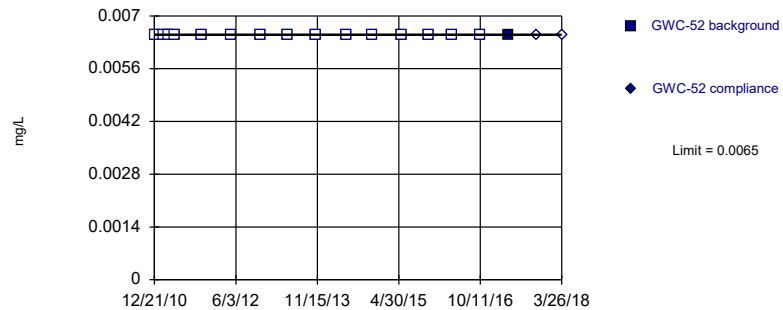
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:23 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:31 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Calcium (mg/L)	GWC-29	10.47	n/a	3/26/2018	11	Yes	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	13	n/a	3/26/2018	15	Yes	6	0	n/a	0.03391	NP Intra (normality) ...
Chloride (mg/L)	GWA-46	3.557	n/a	3/23/2018	3.6	Yes	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-53	10.14	n/a	3/26/2018	11	Yes	7	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-21	2.236	n/a	3/26/2018	2.3	Yes	8	12.5	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWC-52	16.13	n/a	3/26/2018	20	Yes	7	0	No	0.000458	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony, Total (mg/L)	GWA-21	0.001	n/a	3/26/2018	0.001ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-22	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-45	0.001	n/a	3/22/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-46	0.001	n/a	3/23/2018	0.001ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-47	0.001	n/a	3/22/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-48	0.001	n/a	3/23/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-49	0.001	n/a	3/22/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-29	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-50	0.001	n/a	3/23/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-51	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-52	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-53	0.001	n/a	3/26/2018	0.001ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-21	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-22	0.00046	n/a	3/26/2018	0.00046ND	No	20	100	n/a	0.004291	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-45	0.00046	n/a	3/22/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-46	0.00046	n/a	3/23/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-47	0.00046	n/a	3/22/2018	0.00046ND	No	20	100	n/a	0.004291	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-48	0.00046	n/a	3/23/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-49	0.00053	n/a	3/22/2018	0.00046ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-29	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-50	0.00052	n/a	3/23/2018	0.00046ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-51	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-52	0.00046	n/a	3/26/2018	0.00046ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-53	0.0011	n/a	3/26/2018	0.00046ND	No	19	94.74	n/a	0.004832	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-21	0.03102	n/a	3/26/2018	0.026	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-22	0.03251	n/a	3/26/2018	0.022	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-45	0.06131	n/a	3/22/2018	0.0495	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-46	0.02254	n/a	3/23/2018	0.02	No	20	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-47	0.088	n/a	3/22/2018	0.024	No	21	0	n/a	0.003999	NP Intra (normality) ...
Barium, Total (mg/L)	GWA-48	0.031	n/a	3/23/2018	0.012	No	19	0	n/a	0.004832	NP Intra (normality) ...
Barium, Total (mg/L)	GWA-49	0.02333	n/a	3/22/2018	0.018	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-29	0.01891	n/a	3/26/2018	0.015	No	21	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-50	0.01518	n/a	3/23/2018	0.011	No	20	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-51	0.0129	n/a	3/26/2018	0.0094	No	20	0	No	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-52	0.01498	n/a	3/26/2018	0.013	No	20	0	x^2	0.000458	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-53	0.1344	n/a	3/26/2018	0.05	No	21	9.524	No	0.000458	Param Intra 1 of 2
Beryllium, Total (mg/L)	GWA-21	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-22	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-45	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-46	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-47	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-48	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-49	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-29	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-50	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-51	0.00034	n/a	3/26/2018	0.00034ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-52	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-53	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-21	0.021	n/a	3/26/2018	0.021ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-22	0.021	n/a	3/26/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Boron (mg/L)	GWA-45	1.032	n/a	3/22/2018	0.66	No	8	0	No	0.000458	Param Intra 1 of 2
Boron (mg/L)	GWA-46	0.021	n/a	3/23/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-47	0.021	n/a	3/22/2018	0.021ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.021	n/a	3/23/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-49	0.021	n/a	3/22/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.021	n/a	3/26/2018	0.021ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-50	0.021	n/a	3/23/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-51	0.021	n/a	3/26/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-52	0.021	n/a	3/26/2018	0.021ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.12	n/a	3/26/2018	0.91	No	8	0	No	0.000458	Param Intra 1 of 2
Cadmium, Total (mg/L)	GWA-21	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-22	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-45	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-46	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-47	0.0016	n/a	3/22/2018	0.00034ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-48	0.00034	n/a	3/23/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-49	0.00034	n/a	3/22/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-29	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-50	0.00034	n/a	3/23/2018	0.00034ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-51	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-52	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-53	0.00034	n/a	3/26/2018	0.00034ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-21	12.64	n/a	3/26/2018	9.3	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-22	9.757	n/a	3/26/2018	8.7	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-45	47.03	n/a	3/22/2018	39	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-46	7.155	n/a	3/23/2018	6.6	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	12.37	n/a	3/22/2018	11	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-48	14.7	n/a	3/23/2018	13	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWA-49	14.2	n/a	3/22/2018	14	No	7	0	n/a	0.02765	NP Intra (normality) ...
Calcium (mg/L)	GWC-29	10.47	n/a	3/26/2018	11	Yes	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-50	8.352	n/a	3/23/2018	7.5	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-51	8.174	n/a	3/26/2018	7	No	8	0	No	0.000458	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	13	n/a	3/26/2018	15	Yes	6	0	n/a	0.03391	NP Intra (normality) ...
Calcium (mg/L)	GWC-53	21.11	n/a	3/26/2018	19	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-21	4.12	n/a	3/26/2018	3.8	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-22	6.389	n/a	3/26/2018	1.9	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-45	11.24	n/a	3/22/2018	9.7	No	8	0	x^2	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-46	3.557	n/a	3/23/2018	3.6	Yes	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-47	1.813	n/a	3/22/2018	1.3	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-48	2.008	n/a	3/23/2018	1.6	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWA-49	2.536	n/a	3/22/2018	1.9	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-29	4.329	n/a	3/26/2018	3.1	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-50	2.225	n/a	3/23/2018	1.9	No	8	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-51	7.154	n/a	3/26/2018	6.6	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-52	8.927	n/a	3/26/2018	7.8	No	7	0	No	0.000458	Param Intra 1 of 2
Chloride (mg/L)	GWC-53	10.14	n/a	3/26/2018	11	Yes	7	0	No	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-21	0.01153	n/a	3/26/2018	0.0011	No	21	19.05	sqrt(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-22	0.01316	n/a	3/26/2018	0.0088	No	20	5	No	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-45	0.0042	n/a	3/22/2018	0.0011ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-46	0.01059	n/a	3/23/2018	0.0045	No	21	4.762	ln(x)	0.000458	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chromium, Total (mg/L)	GWA-47	0.07483	n/a	3/22/2018	0.0074	No	21	9.524	ln(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-48	0.02881	n/a	3/23/2018	0.005	No	21	9.524	sqrt(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-49	0.01171	n/a	3/22/2018	0.0051	No	21	4.762	sqrt(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-29	0.01	n/a	3/26/2018	0.0013	No	20	45	n/a	0.004291	NP Intra (normality) ...
Chromium, Total (mg/L)	GWC-50	0.0119	n/a	3/23/2018	0.0042	No	21	9.524	ln(x)	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-51	0.01	n/a	3/26/2018	0.0028	No	21	14.29	n/a	0.003999	NP Intra (normality) ...
Chromium, Total (mg/L)	GWC-52	0.01536	n/a	3/26/2018	0.012	No	21	4.762	No	0.000458	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-53	0.01	n/a	3/26/2018	0.0014	No	20	40	n/a	0.004291	NP Intra (normality) ...
Cobalt, Total (mg/L)	GWA-21	0.0025	n/a	3/26/2018	0.00088	No	21	80.95	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-22	0.0038	n/a	3/26/2018	0.0004ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-45	0.01974	n/a	3/22/2018	0.0015	No	20	30	ln(x)	0.000458	Param Intra 1 of 2
Cobalt, Total (mg/L)	GWA-46	0.0004	n/a	3/23/2018	0.0004ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-47	0.0048	n/a	3/22/2018	0.0004ND	No	21	80.95	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-48	0.0039	n/a	3/23/2018	0.0004ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-49	0.0004	n/a	3/22/2018	0.0004ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-29	0.0004	n/a	3/26/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-50	0.0004	n/a	3/23/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-51	0.0004	n/a	3/26/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-52	0.0004	n/a	3/26/2018	0.0004ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-53	0.01731	n/a	3/26/2018	0.0069	No	21	9.524	No	0.000458	Param Intra 1 of 2
Copper, Total (mg/L)	GWA-21	0.0028	n/a	3/26/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-22	0.078	n/a	3/26/2018	0.0021ND	No	16	87.5	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-45	0.0034	n/a	3/22/2018	0.0021ND	No	16	75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-46	0.021	n/a	3/23/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-47	0.06808	n/a	3/22/2018	0.0021ND	No	16	12.5	sqrt(x)	0.000458	Param Intra 1 of 2
Copper, Total (mg/L)	GWA-48	0.013	n/a	3/23/2018	0.0021ND	No	16	50	n/a	0.006456	NP Intra (normality) ...
Copper, Total (mg/L)	GWA-49	0.0021	n/a	3/22/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-29	0.0031	n/a	3/26/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-50	0.0031	n/a	3/23/2018	0.0021ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-51	0.0021	n/a	3/26/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-52	0.0021	n/a	3/26/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-53	0.0021	n/a	3/26/2018	0.0021ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-21	0.082	n/a	3/26/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.082	n/a	3/26/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.082	n/a	3/22/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.082	n/a	3/23/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.082	n/a	3/22/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.1	n/a	3/23/2018	0.082ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-49	0.082	n/a	3/22/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.082	n/a	3/26/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.082	n/a	3/23/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.082	n/a	3/26/2018	0.082ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.082	n/a	3/26/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.082	n/a	3/26/2018	0.082ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-21	0.0044	n/a	3/26/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-22	0.0048	n/a	3/26/2018	0.00035ND	No	21	76.19	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-45	0.005	n/a	3/22/2018	0.00035ND	No	21	66.67	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-46	0.0037	n/a	3/23/2018	0.00035ND	No	21	76.19	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-47	0.0062	n/a	3/22/2018	0.00096	No	21	61.9	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-48	0.0064	n/a	3/23/2018	0.00035ND	No	21	61.9	n/a	0.003999	NP Intra (NDs) 1 of 2

Prediction Limit

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Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Lead, Total (mg/L)	GWA-49	0.0062	n/a	3/22/2018	0.00035ND	No	21	57.14	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-29	0.0038	n/a	3/26/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-50	0.0043	n/a	3/23/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-51	0.0035	n/a	3/26/2018	0.00035ND	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-52	0.006	n/a	3/26/2018	0.0034	No	21	61.9	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-53	0.0026	n/a	3/26/2018	0.00035ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-21	0.0002	n/a	3/26/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-22	0.0002	n/a	3/26/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-45	0.00007	n/a	3/22/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-46	0.00011	n/a	3/23/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-47	0.000081	n/a	3/22/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-48	0.000084	n/a	3/23/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-49	0.00007	n/a	3/22/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-29	0.00007	n/a	3/26/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-50	0.0002	n/a	3/23/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-51	0.00007	n/a	3/26/2018	0.00007ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-52	0.000082	n/a	3/26/2018	0.00007ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-53	0.0002	n/a	3/26/2018	0.0002ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-21	0.0018	n/a	3/26/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-22	0.003	n/a	3/26/2018	0.0018ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-45	0.0018	n/a	3/22/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-46	0.0035	n/a	3/23/2018	0.0018ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-47	0.022	n/a	3/22/2018	0.0018ND	No	16	50	n/a	0.006456	NP Intra (normality) ...
Nickel, Total (mg/L)	GWA-48	0.0225	n/a	3/23/2018	0.0018ND	No	16	43.75	ln(x)	0.000458	Param Intra 1 of 2
Nickel, Total (mg/L)	GWA-49	0.0018	n/a	3/22/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-29	0.0047	n/a	3/26/2018	0.0037	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.0018	n/a	3/23/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-51	0.0025	n/a	3/26/2018	0.0021	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-52	0.0018	n/a	3/26/2018	0.0018ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-53	0.008659	n/a	3/26/2018	0.0075	No	15	6.667	No	0.000458	Param Intra 1 of 2
pH (S.U.)	GWA-21	6.009	5.575	3/26/2018	5.76	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-22	6.351	5.483	3/26/2018	6.06	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-45	6.595	5.613	3/22/2018	6.2	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-46	6.83	5.71	3/23/2018	5.89	No	10	0	n/a	0.02952	NP Intra (normality) ...
pH (S.U.)	GWA-47	6.595	6.252	3/22/2018	6.46	No	11	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-48	7.013	6.451	3/23/2018	6.92	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWA-49	7.135	6.527	3/22/2018	7	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-29	5.925	5.673	3/26/2018	5.91	No	10	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-50	6.006	5.643	3/23/2018	5.98	No	11	0	No	0.000229	Param Intra 1 of 2
pH (S.U.)	GWC-51	8.36	5.76	3/26/2018	5.98	No	12	0	n/a	0.02155	NP Intra (normality) ...
pH (S.U.)	GWC-52	7.63	6.53	3/26/2018	6.77	No	12	0	n/a	0.02155	NP Intra (normality) ...
pH (S.U.)	GWC-53	7.725	5.48	3/26/2018	5.78	No	11	0	n/a	0.02553	NP Intra (normality) ...
Selenium, Total (mg/L)	GWA-21	0.0072	n/a	3/26/2018	0.00024ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-22	0.0048	n/a	3/26/2018	0.00024ND	No	21	85.71	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-45	0.0093	n/a	3/22/2018	0.00024ND	No	21	80.95	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-46	0.00024	n/a	3/23/2018	0.00024ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-47	0.0064	n/a	3/22/2018	0.00024ND	No	20	90	n/a	0.004291	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-48	0.0077	n/a	3/23/2018	0.00024ND	No	21	85.71	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-49	0.0041	n/a	3/22/2018	0.00024ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-29	0.0044	n/a	3/26/2018	0.00024ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Selenium, Total (mg/L)	GWC-50	0.0042	n/a	3/23/2018	0.00024ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-51	0.00024	n/a	3/26/2018	0.00024ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-52	0.0067	n/a	3/26/2018	0.00024ND	No	21	76.19	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-53	0.0025	n/a	3/26/2018	0.00024ND	No	21	85.71	n/a	0.003999	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-21	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-22	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-45	0.00011	n/a	3/22/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-46	0.00011	n/a	3/23/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-47	0.00011	n/a	3/22/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-48	0.00011	n/a	3/23/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWA-49	0.00011	n/a	3/22/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-29	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-50	0.00011	n/a	3/23/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-51	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-52	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver, Total (mg/L)	GWC-53	0.00011	n/a	3/26/2018	0.00011ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-21	2.236	n/a	3/26/2018	2.3	Yes	8	12.5	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-22	0.7	n/a	3/26/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	192.8	n/a	3/22/2018	150	No	8	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	0.7	n/a	3/23/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	0.7	n/a	3/22/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	1.756	n/a	3/23/2018	1.3	No	8	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWA-49	0.7	n/a	3/22/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	2.954	n/a	3/26/2018	2.4	No	8	12.5	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWC-50	0.7	n/a	3/23/2018	0.7ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-51	0.7	n/a	3/26/2018	0.7ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	16.13	n/a	3/26/2018	20	Yes	7	0	No	0.000458	Param Intra 1 of 2
Sulfate (mg/L)	GWC-53	178.5	n/a	3/26/2018	160	No	8	0	No	0.000458	Param Intra 1 of 2
Thallium, Total (mg/L)	GWA-21	0.00048	n/a	3/26/2018	0.000085ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-22	0.00086	n/a	3/26/2018	0.000085ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-45	0.00032	n/a	3/22/2018	0.000085ND	No	21	90.48	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-46	0.000085	n/a	3/23/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-47	0.000085	n/a	3/22/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-48	0.000085	n/a	3/23/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-49	0.000085	n/a	3/22/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-29	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-50	0.00028	n/a	3/23/2018	0.000085ND	No	21	95.24	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-51	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-52	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-53	0.000085	n/a	3/26/2018	0.000085ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWA-21	117.2	n/a	3/26/2018	94	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-22	131.8	n/a	3/26/2018	56	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-45	319.8	n/a	3/22/2018	310	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-46	96.35	n/a	3/23/2018	52	No	8	12.5	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-47	125.9	n/a	3/22/2018	92	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-48	133.1	n/a	3/23/2018	86	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-49	125.1	n/a	3/22/2018	100	No	7	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-29	132.7	n/a	3/26/2018	58	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-50	123.7	n/a	3/23/2018	96	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-51	96.73	n/a	3/26/2018	72	No	7	0	No	0.000458	Param Intra 1 of 2

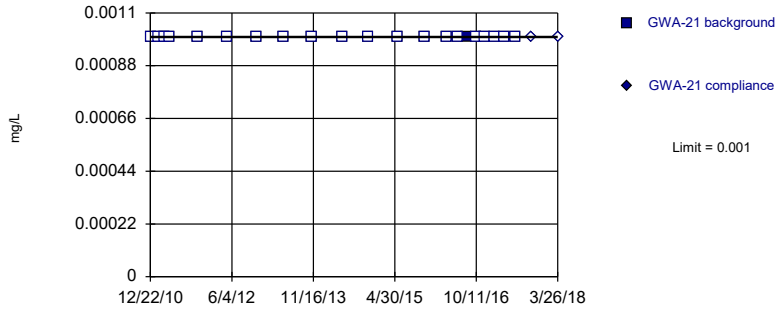
Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 6/29/2018, 1:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Total Dissolved Solids (mg/L)	GWC-52	149.8	n/a	3/26/2018	98	No	8	0	No	0.000458	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-53	293.1	n/a	3/26/2018	240	No	8	0	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-21	0.0028	n/a	3/26/2018	0.0014	No	16	75	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-22	0.0052	n/a	3/26/2018	0.0029	No	16	68.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-45	0.0062	n/a	3/22/2018	0.0014ND	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-46	0.02	n/a	3/23/2018	0.0032	No	16	12.5	n/a	0.006456	NP Intra (normality) ...
Vanadium, Total (mg/L)	GWA-47	0.04287	n/a	3/22/2018	0.0068	No	16	6.25	sqrt(x)	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-48	0.02471	n/a	3/23/2018	0.016	No	15	6.667	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-49	0.02405	n/a	3/22/2018	0.018	No	16	0	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-29	0.009002	n/a	3/26/2018	0.0037	No	16	6.25	sqrt(x)	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-50	0.0044	n/a	3/23/2018	0.0023	No	16	43.75	n/a	0.006456	NP Intra (normality) ...
Vanadium, Total (mg/L)	GWC-51	0.006918	n/a	3/26/2018	0.004	No	16	25	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-52	0.01464	n/a	3/26/2018	0.0096	No	14	0	No	0.000458	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-53	0.0136	n/a	3/26/2018	0.0014ND	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-21	0.0065	n/a	3/26/2018	0.0065ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-22	0.039	n/a	3/26/2018	0.0065ND	No	15	93.33	n/a	0.007533	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-45	0.0065	n/a	3/22/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-46	0.013	n/a	3/23/2018	0.0065ND	No	16	87.5	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-47	0.014	n/a	3/22/2018	0.0065ND	No	15	86.67	n/a	0.007533	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-48	0.0065	n/a	3/23/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-49	0.0065	n/a	3/22/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-29	0.0065	n/a	3/26/2018	0.0065ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-50	0.0065	n/a	3/23/2018	0.0065ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-51	0.0065	n/a	3/26/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-52	0.0065	n/a	3/26/2018	0.0065ND	No	16	93.75	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-53	0.01959	n/a	3/26/2018	0.016	No	15	0	No	0.000458	Param Intra 1 of 2

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Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

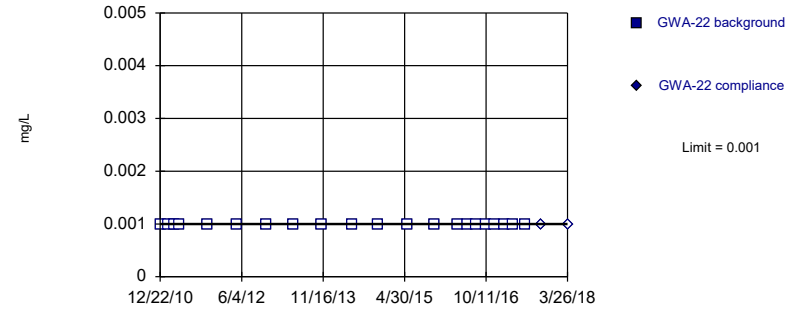


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

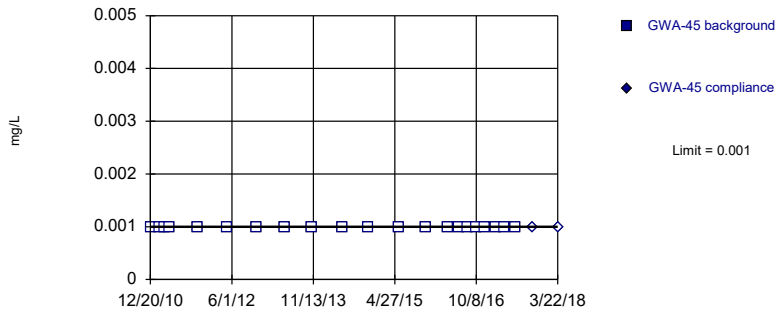


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

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Within Limit Prediction Limit
Intrawell Non-parametric

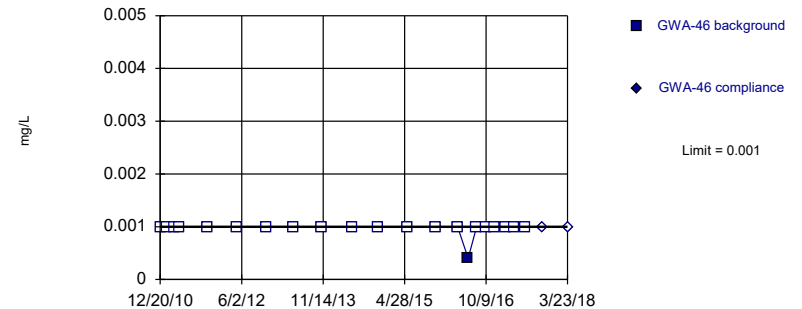


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Within Limit Prediction Limit
Intrawell Non-parametric



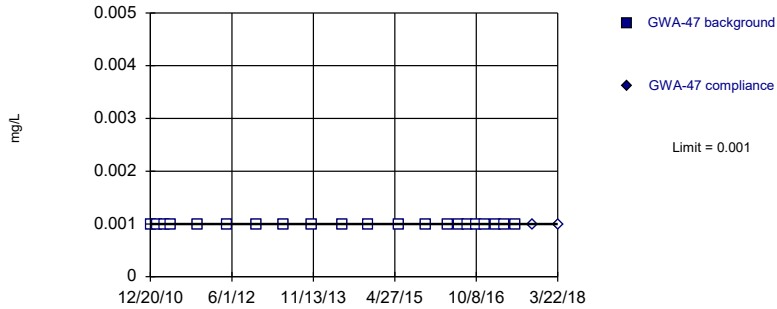
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Within Limit

Prediction Limit
Intrawell Non-parametric



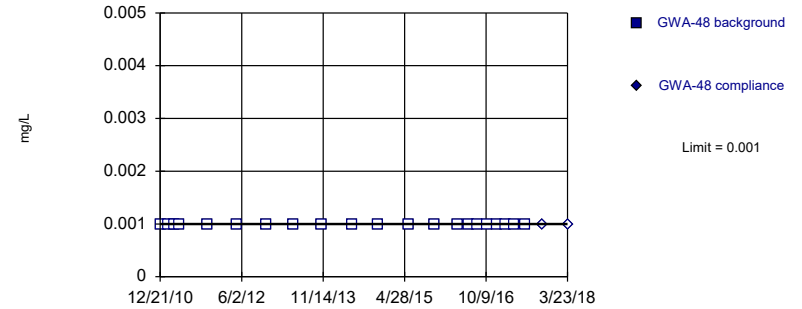
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
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Within Limit

Prediction Limit
Intrawell Non-parametric



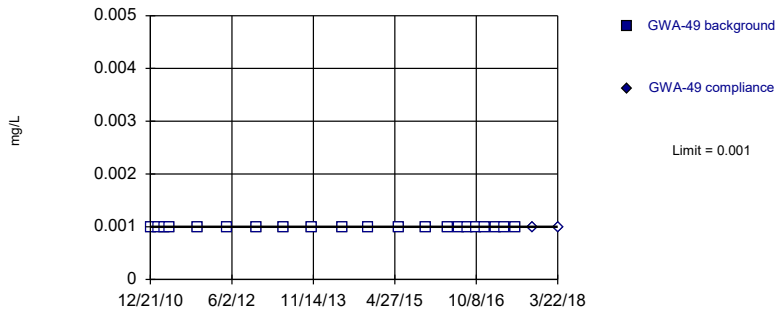
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

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Within Limit

Prediction Limit
Intrawell Non-parametric



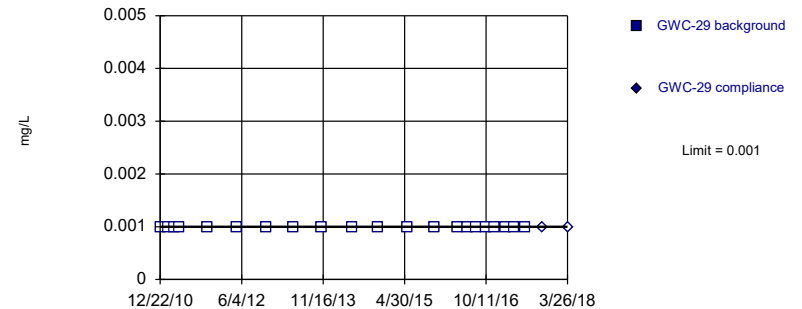
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

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Within Limit

Prediction Limit
Intrawell Non-parametric



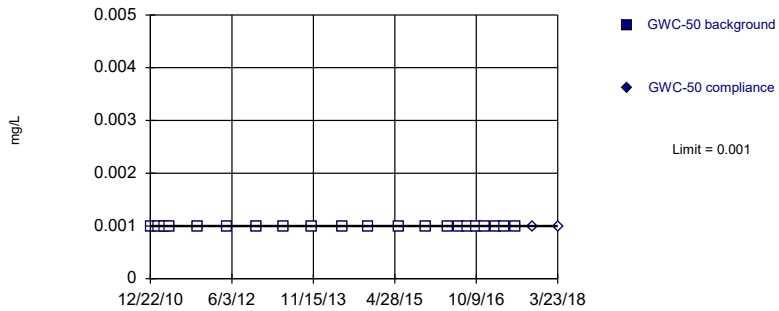
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Constituent: Antimony, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
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Within Limit

Prediction Limit
Intrawell Non-parametric



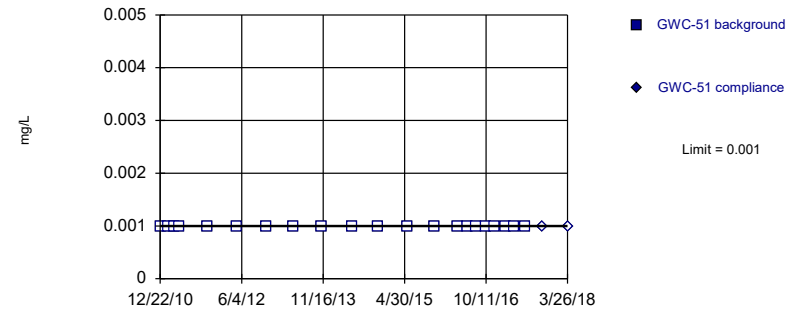
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



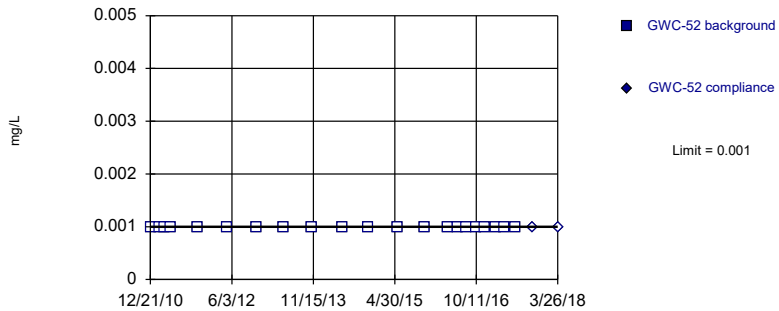
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



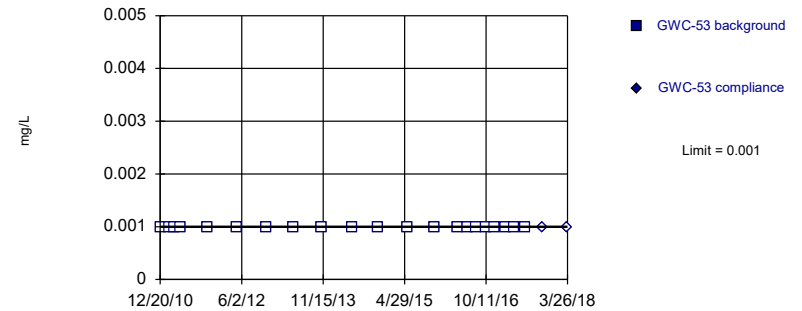
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

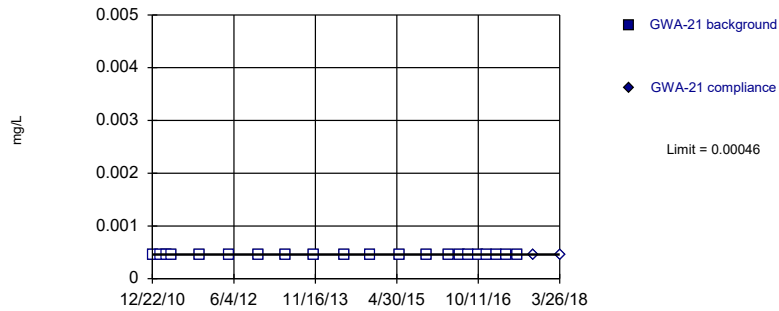


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

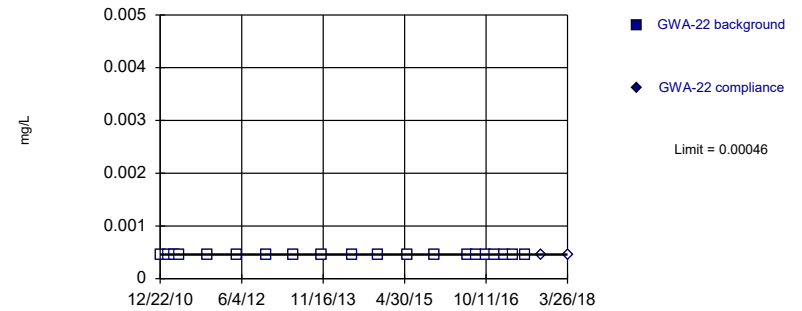


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

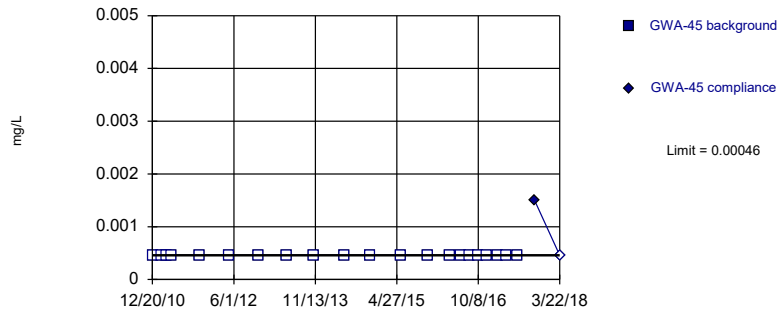


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

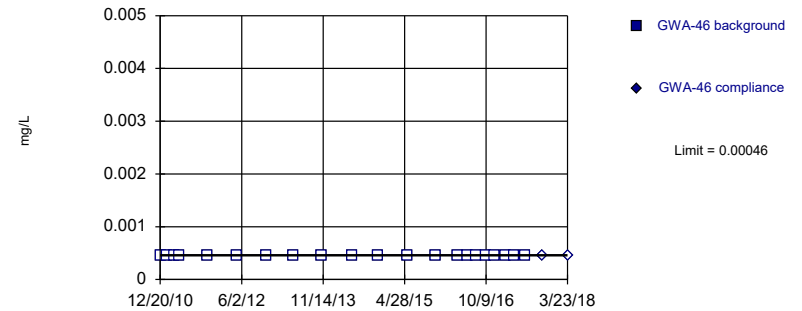


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



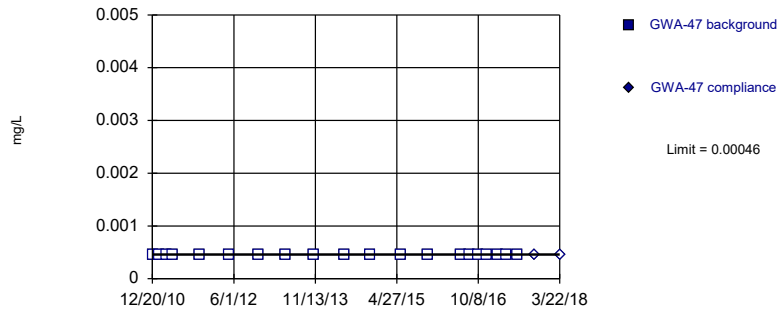
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



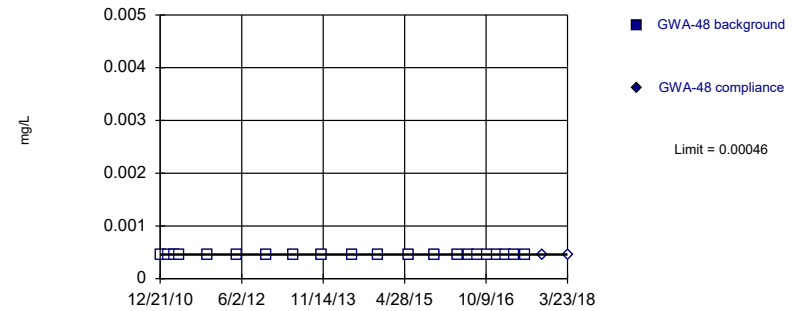
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



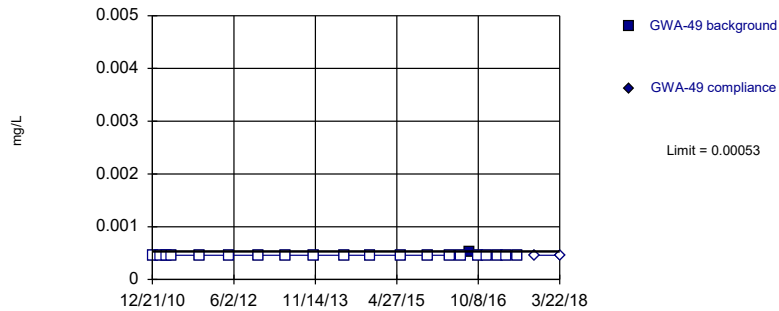
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



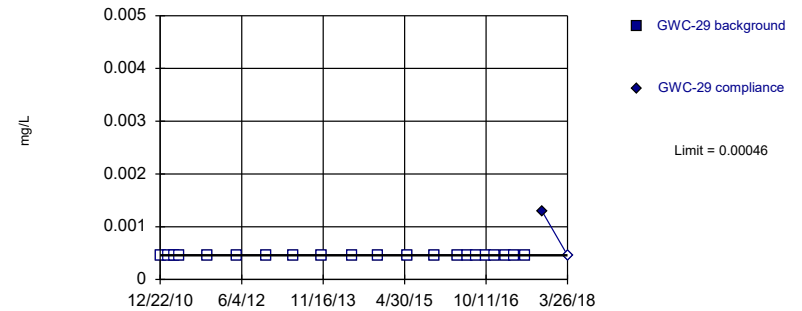
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

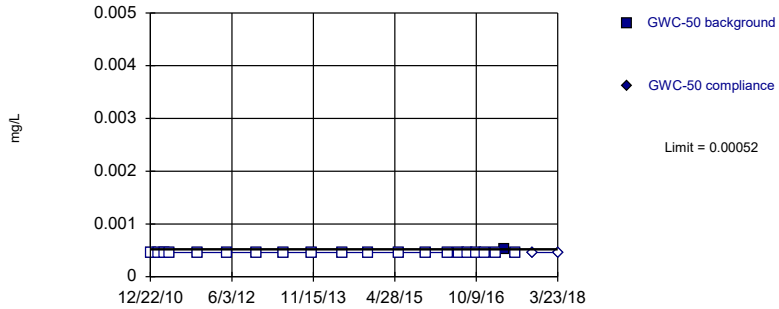


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

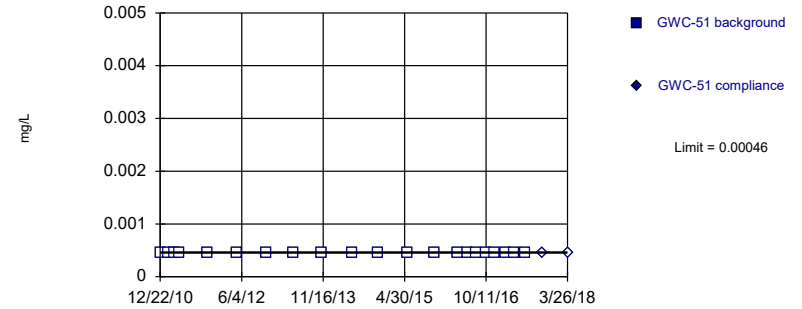


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

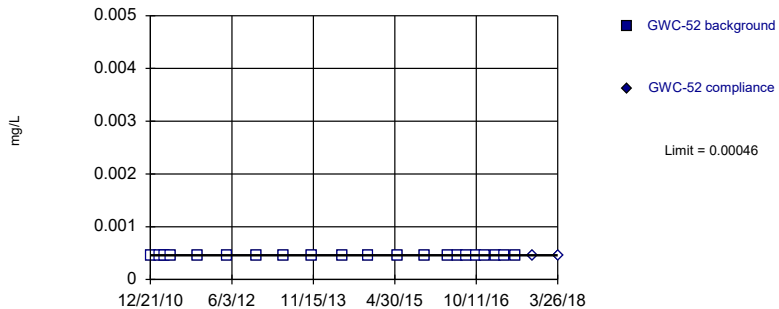


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

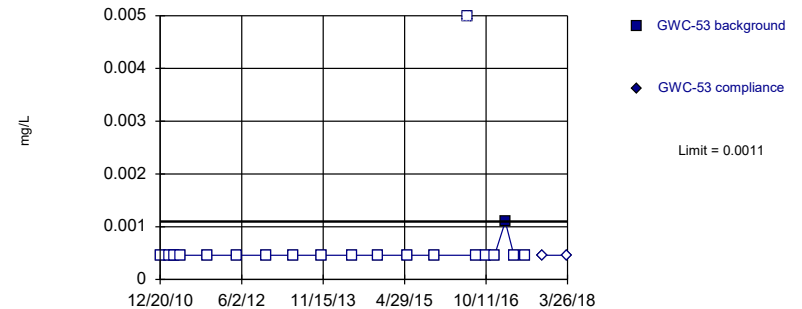


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

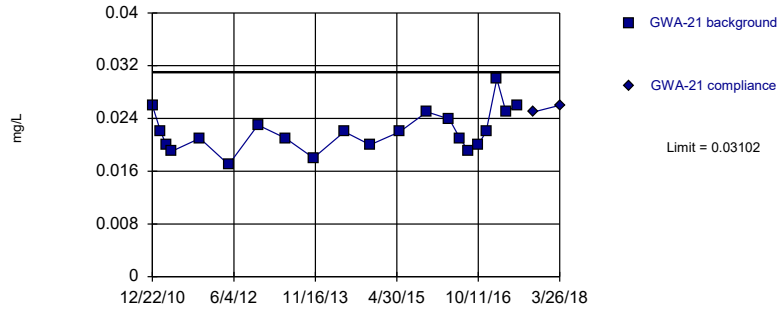
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Arsenic, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

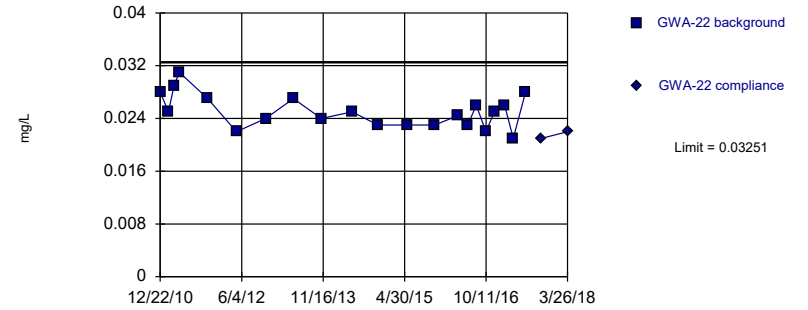
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.02204, Std. Dev.=0.003103, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9549, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

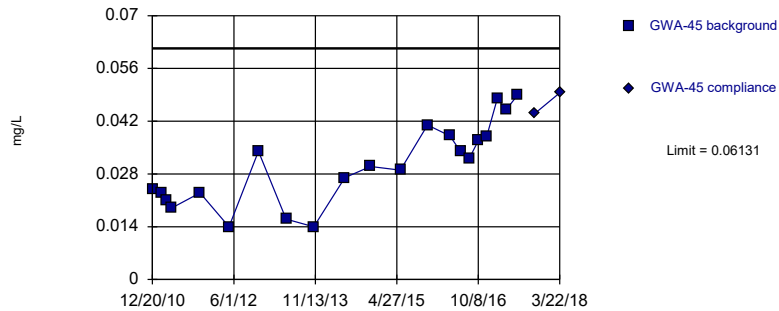
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.02507, Std. Dev.=0.002572, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9637, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

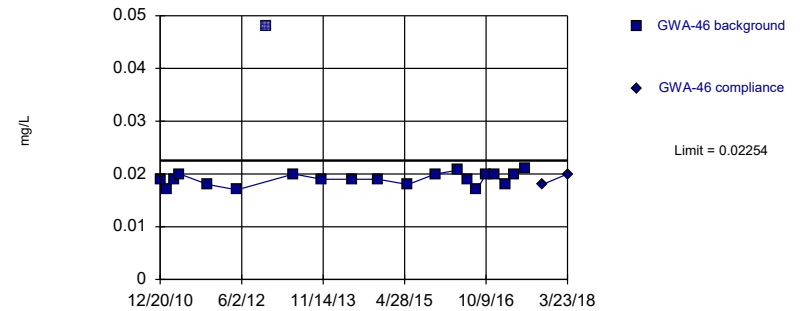
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.03029, Std. Dev.=0.01072, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9641, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

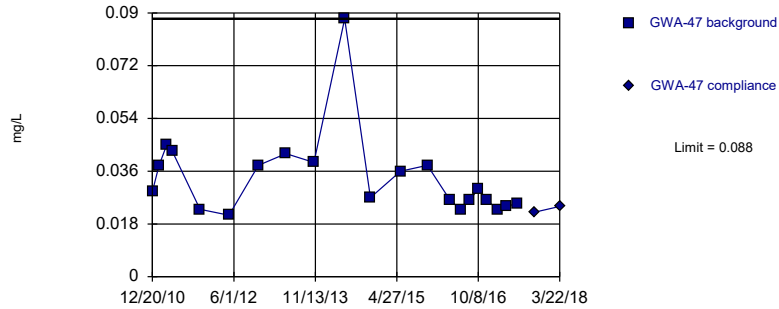
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01904, Std. Dev.=0.001211, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9132, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

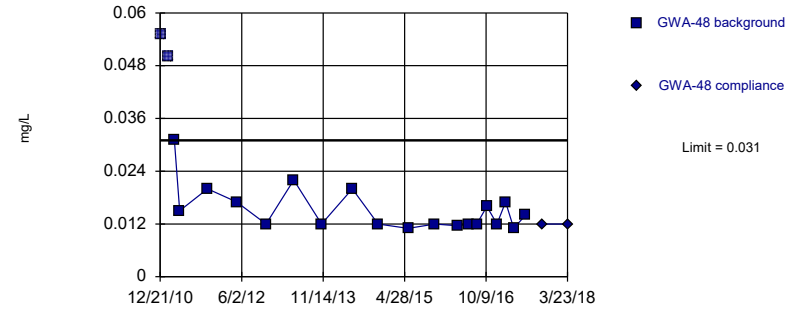
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

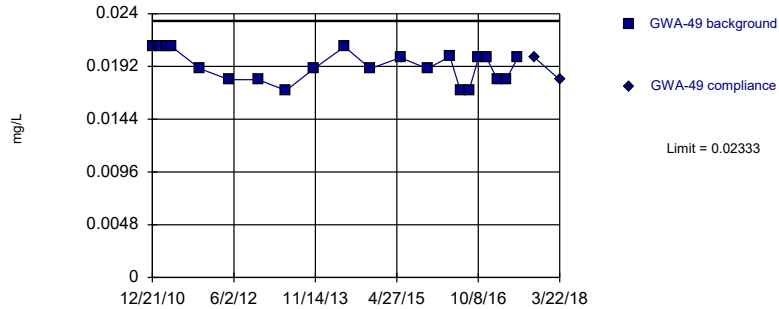
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

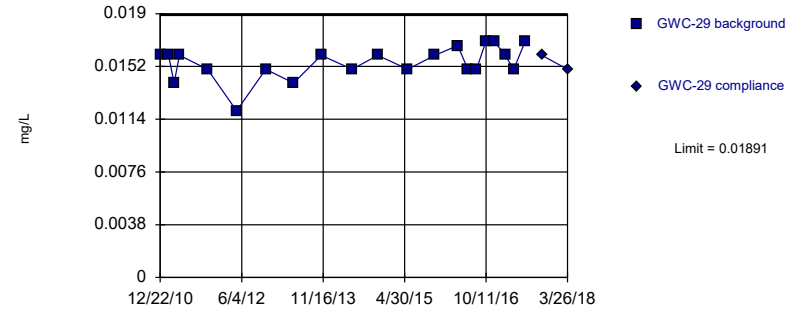
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01924, Std. Dev.=0.001414, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8979, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

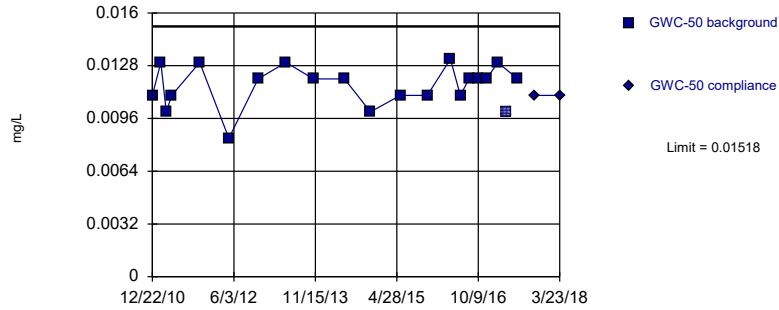
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01546, Std. Dev.=0.001192, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8775, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric

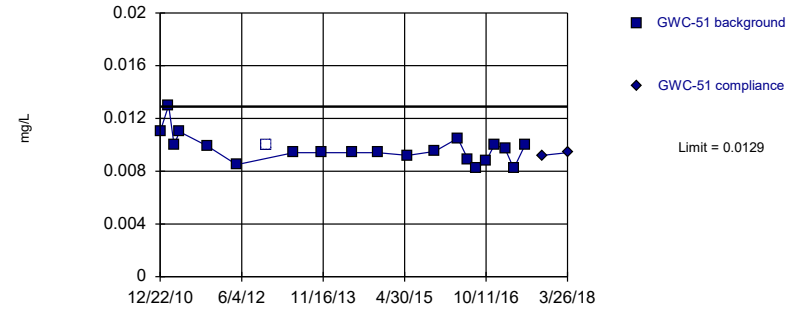


Background Data Summary: Mean=0.01163, Std. Dev.=0.001228, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8951, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

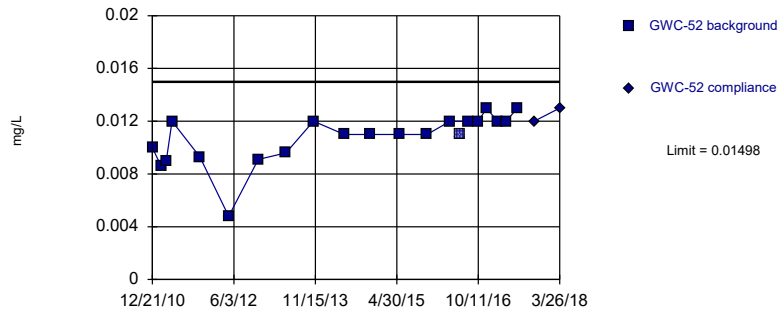
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.0097, Std. Dev.=0.001106, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8978, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric

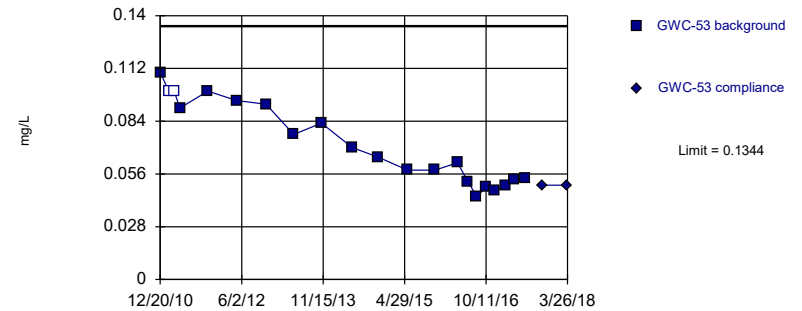


Background Data Summary (based on square transformation): Mean=0.0001185, Std. Dev.=0.00003665, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.908, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Parametric

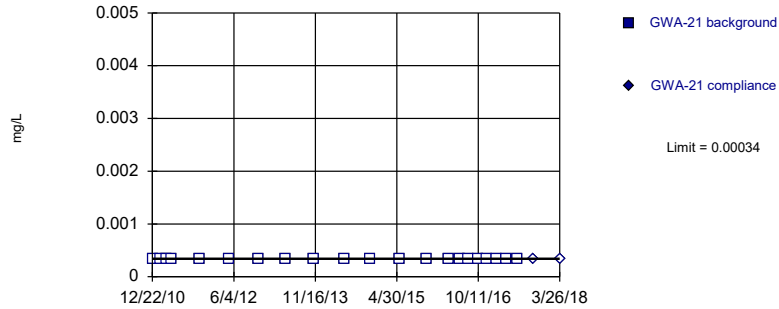


Background Data Summary: Mean=0.07195, Std. Dev.=0.0216, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8996, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

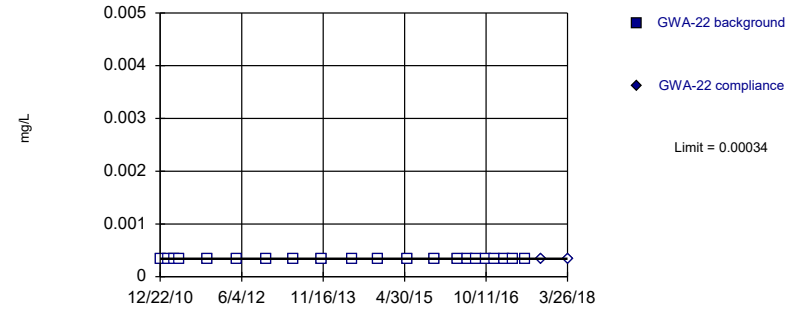


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

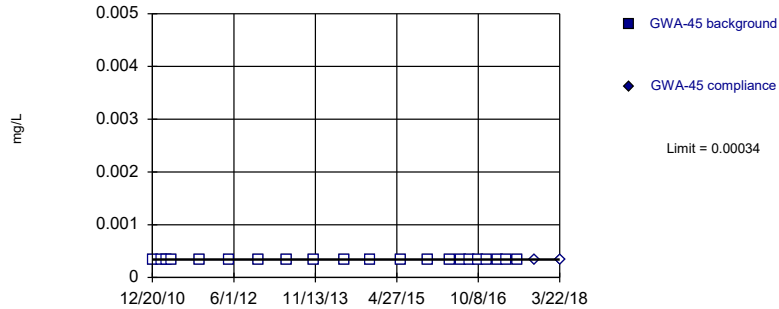


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

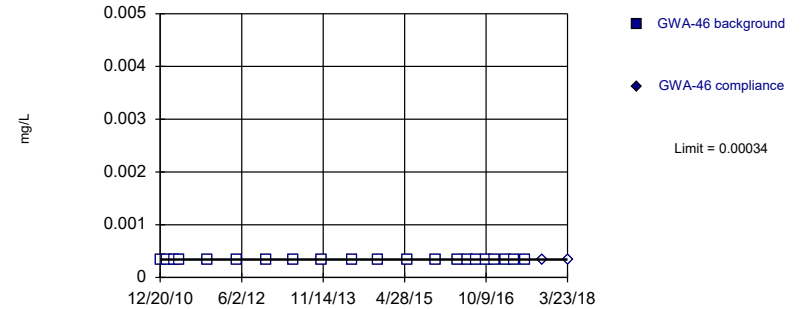


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



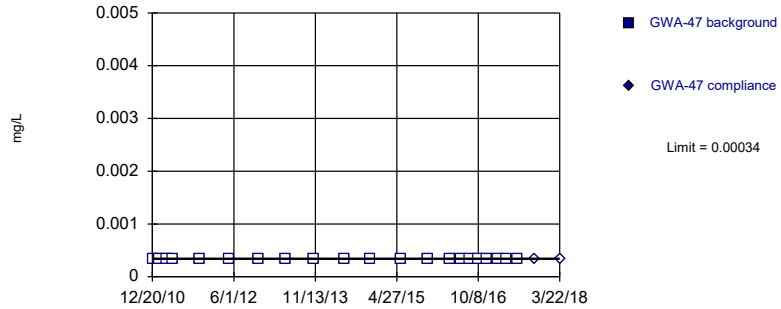
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



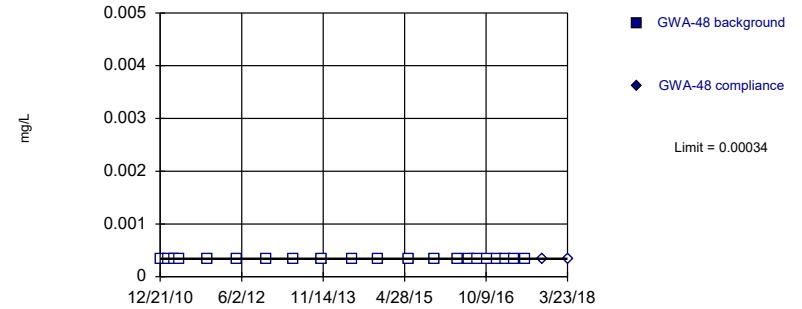
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



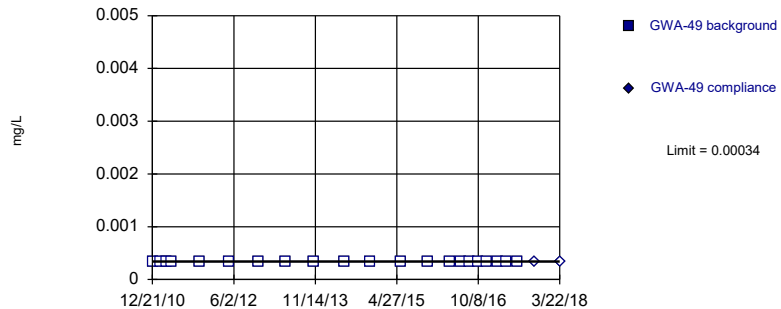
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



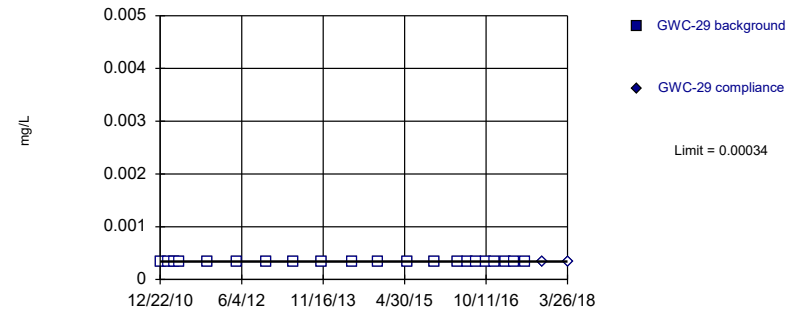
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

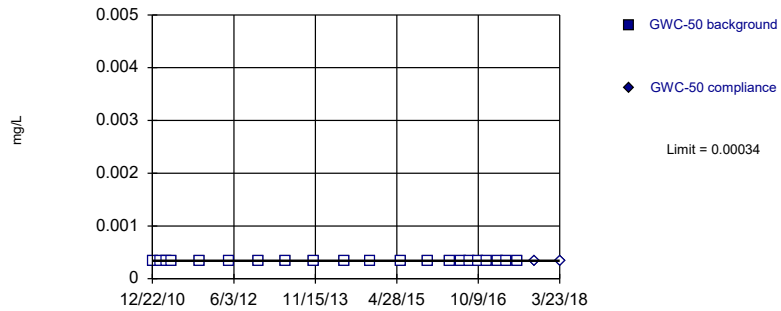


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

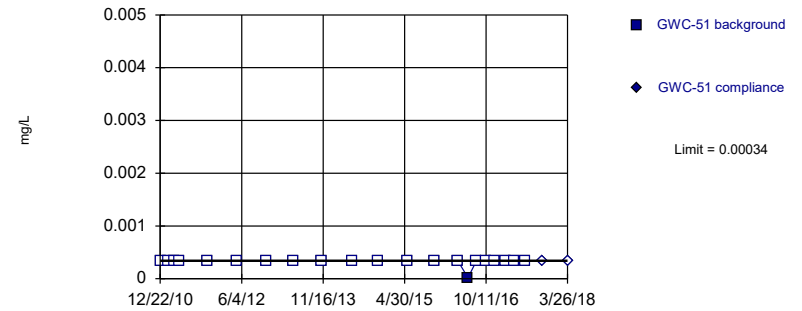


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

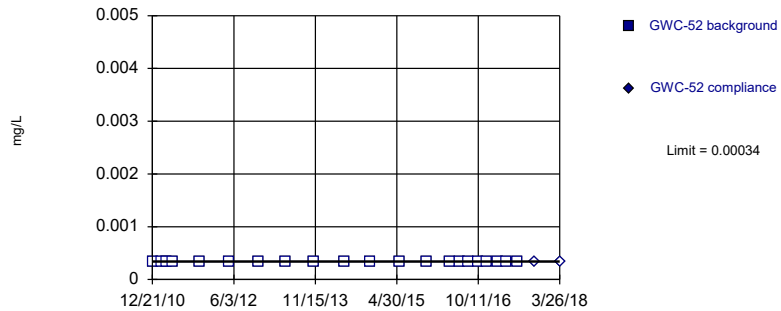


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

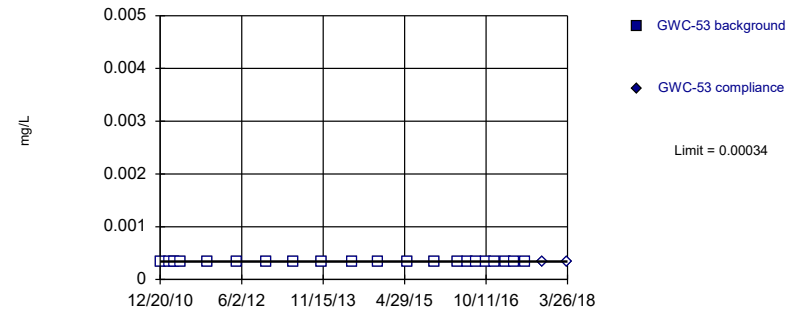


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

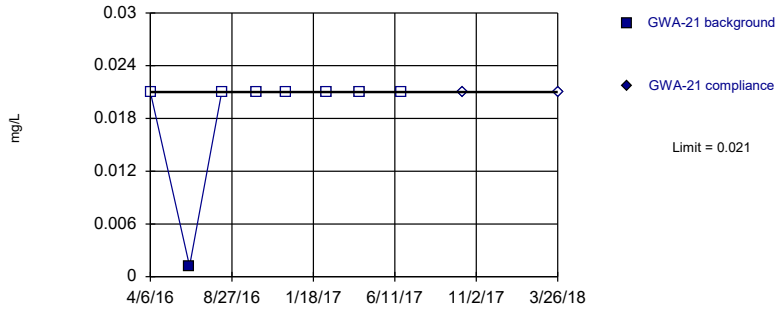
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

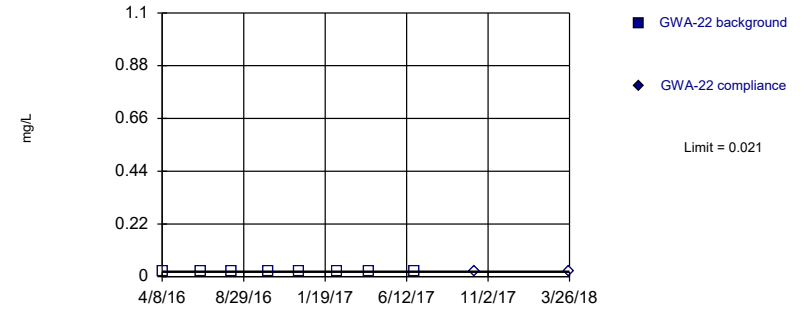
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

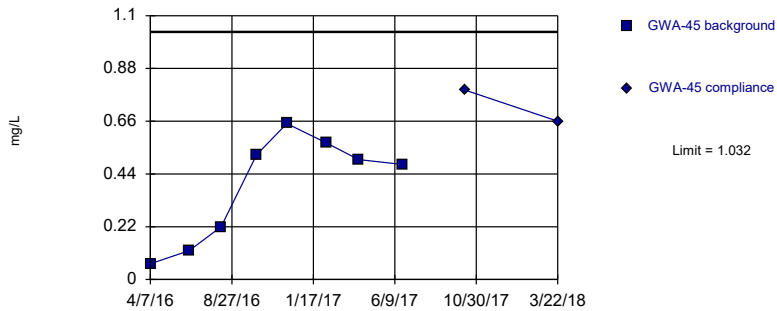
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

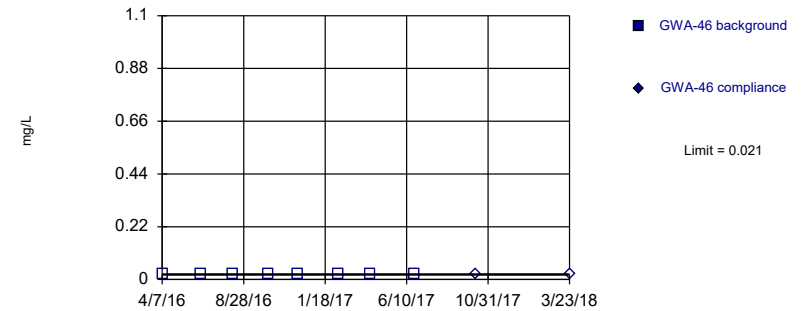
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.3907, Std. Dev.=0.2217, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8773, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric

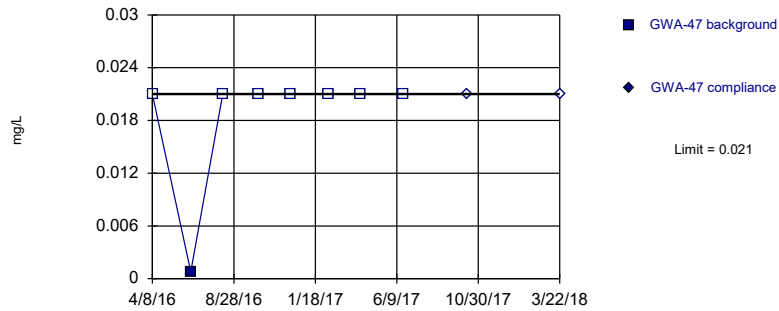


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

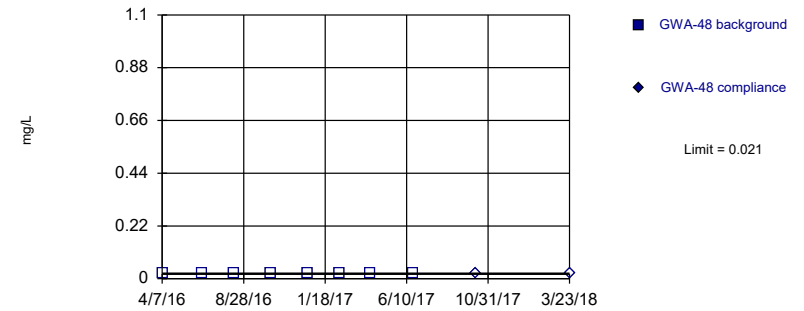


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

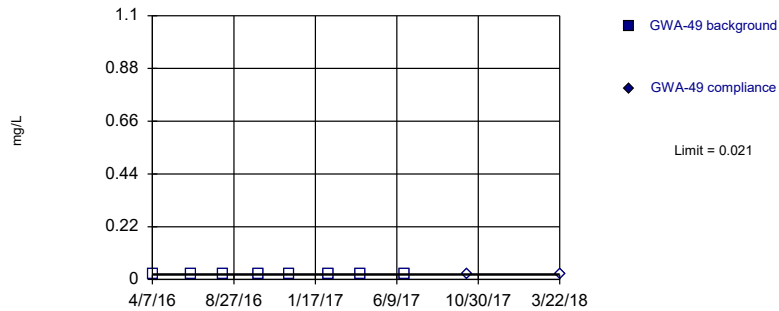


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

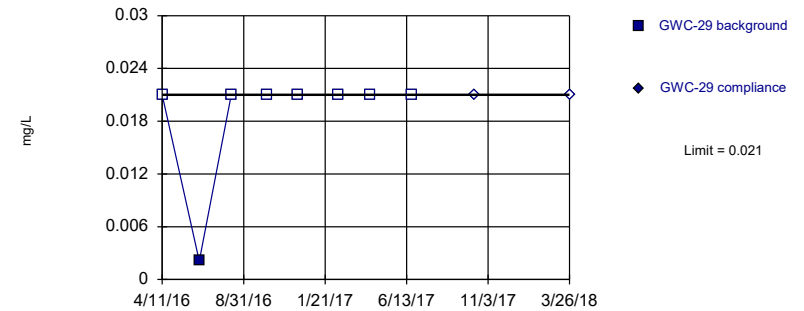


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

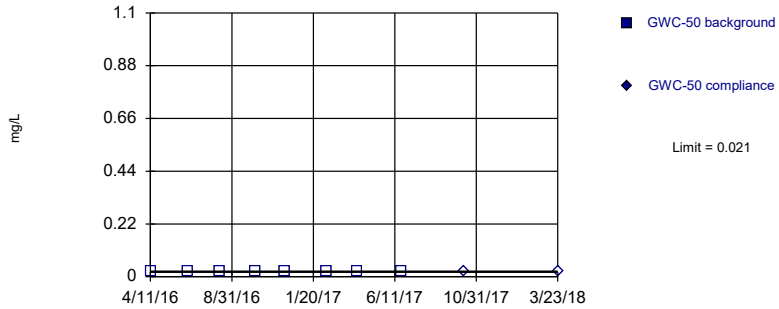
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

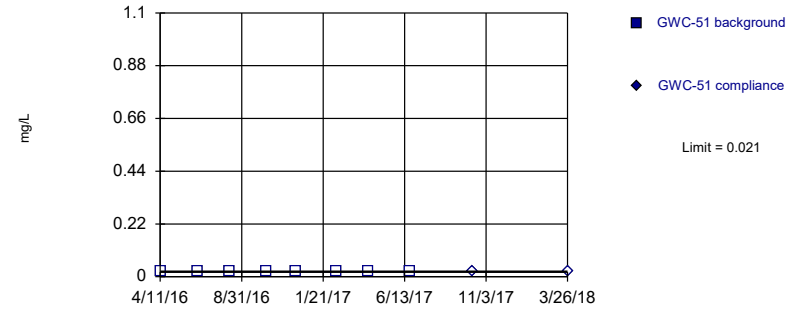
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

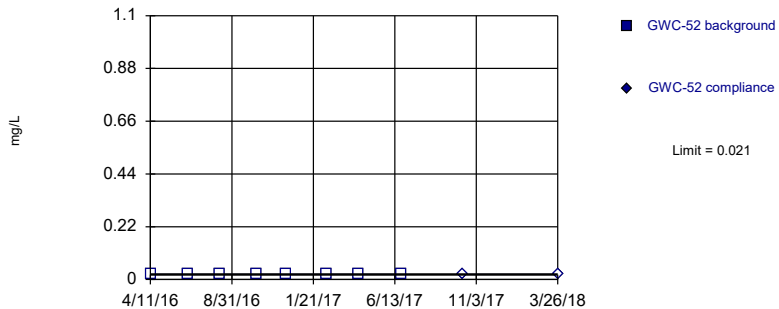
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

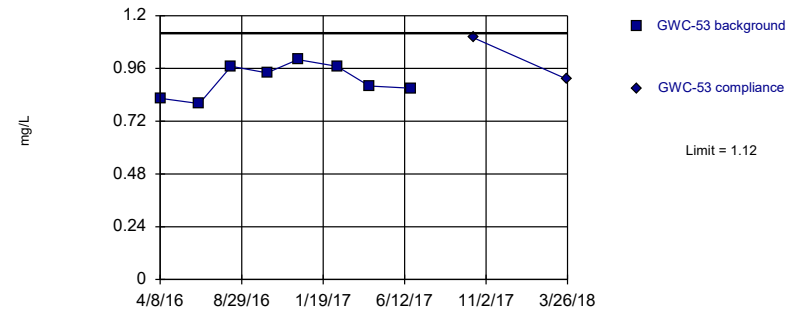
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric



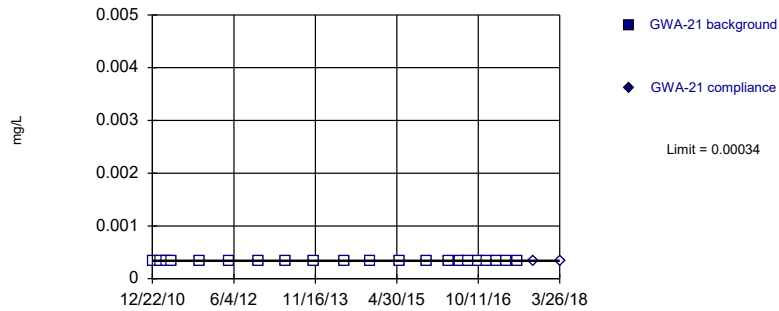
Background Data Summary: Mean=0.9068, Std. Dev.=0.07379, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9277, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



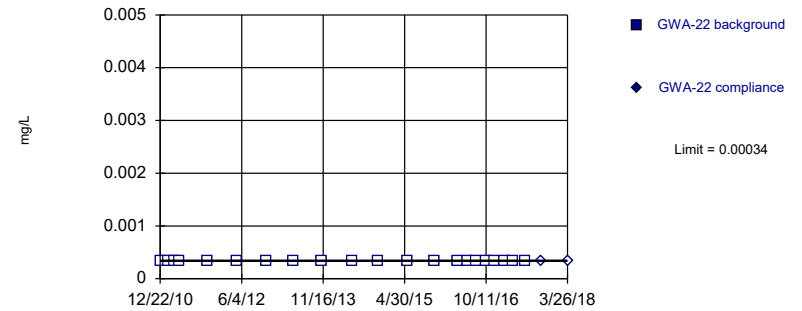
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



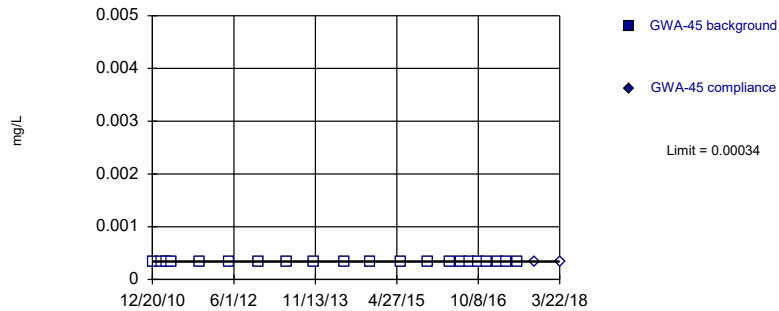
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



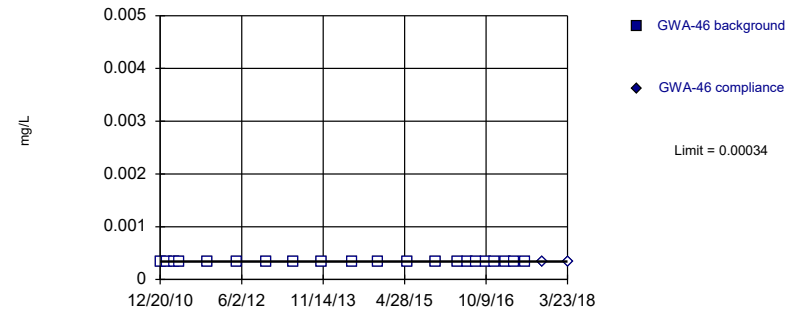
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



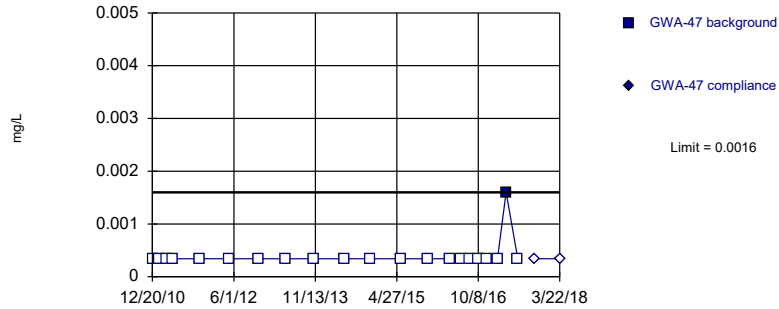
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



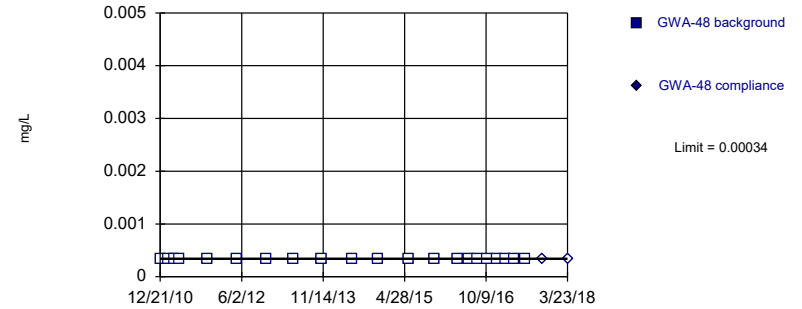
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



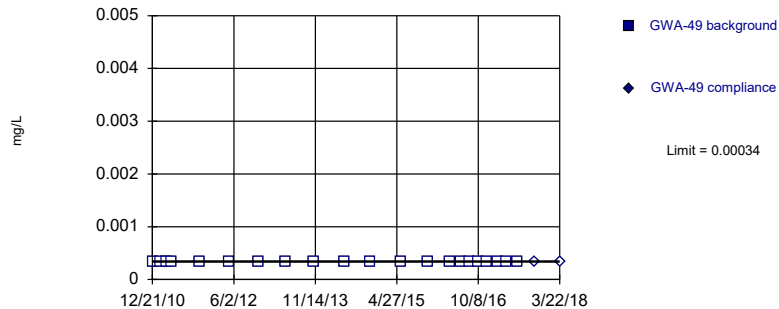
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



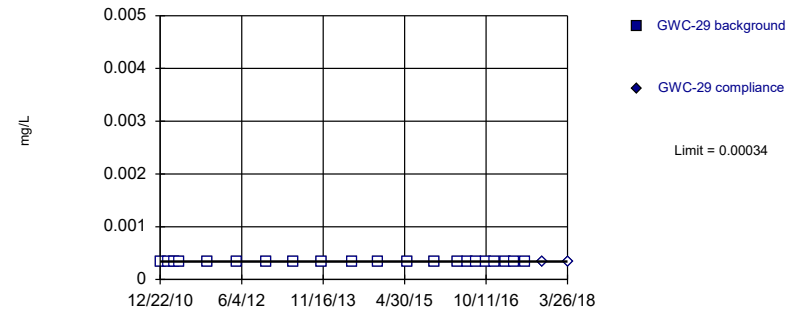
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



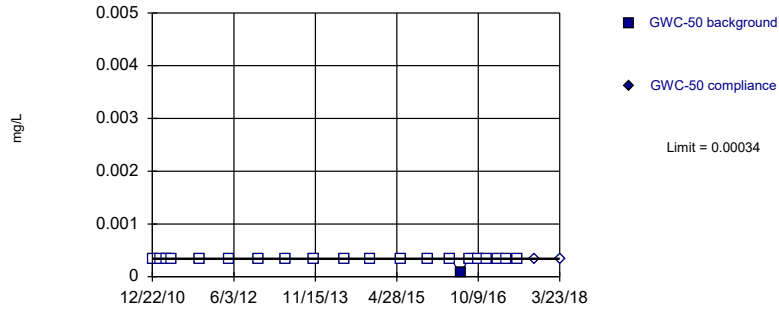
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



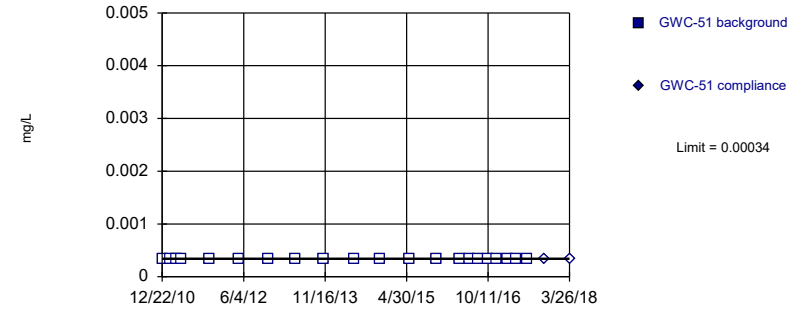
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



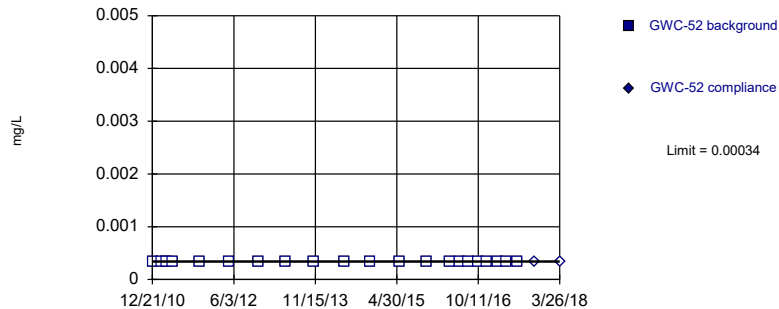
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



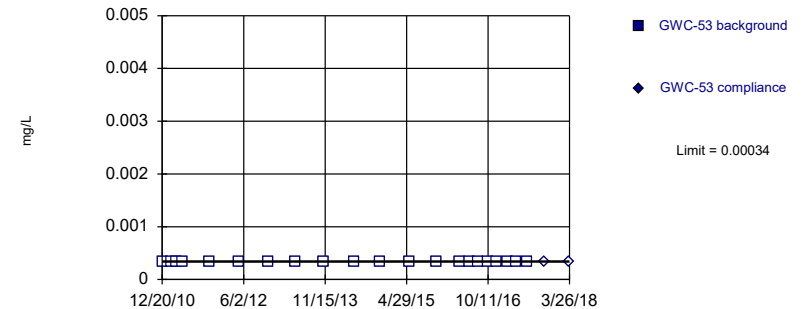
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

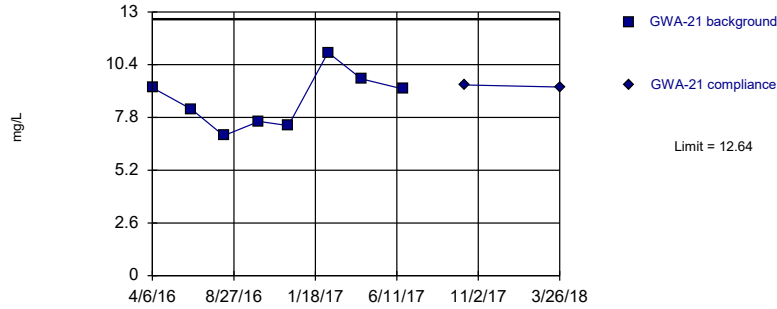
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium, Total Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

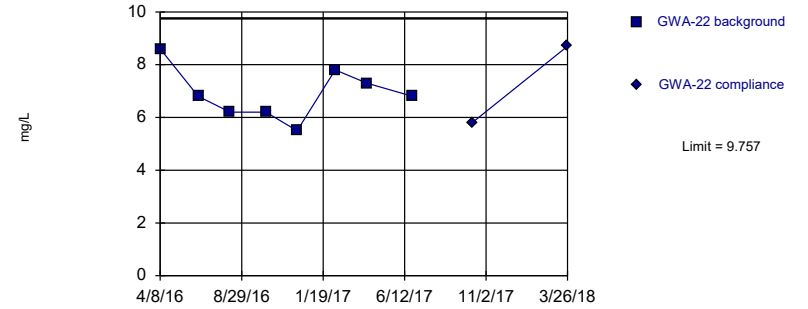
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=8.659, Std. Dev.=1.375, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9551, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

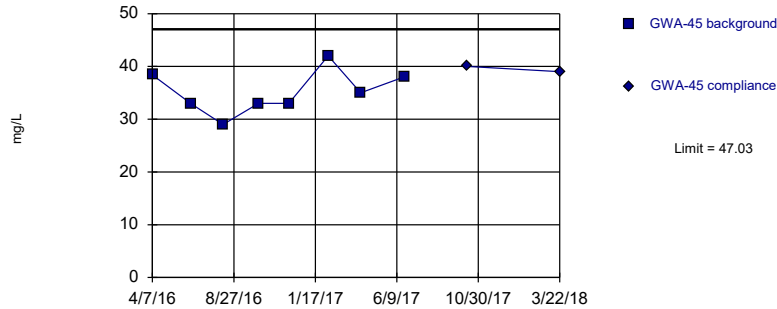
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.9, Std. Dev.=0.9871, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9715, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

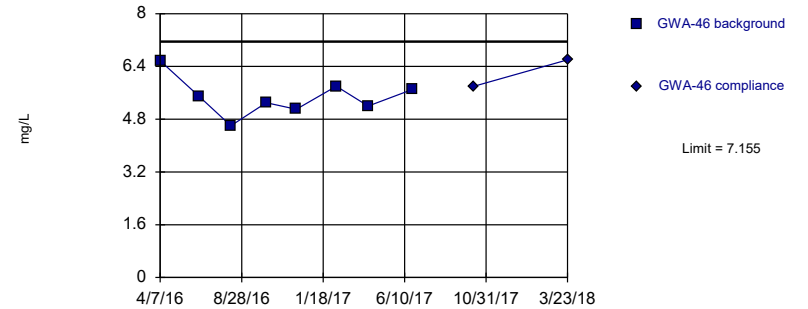
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=35.16, Std. Dev.=4.102, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9526, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

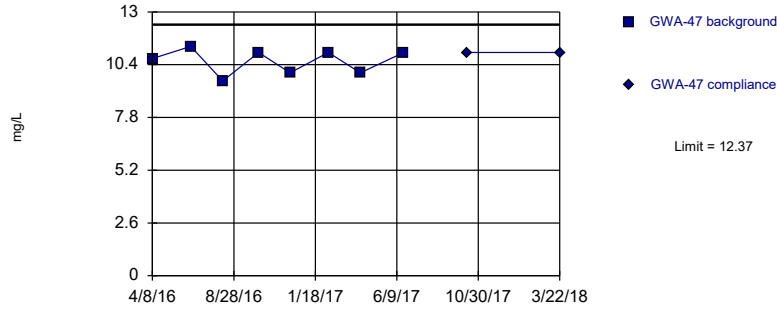
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=5.471, Std. Dev.=0.5817, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9654, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

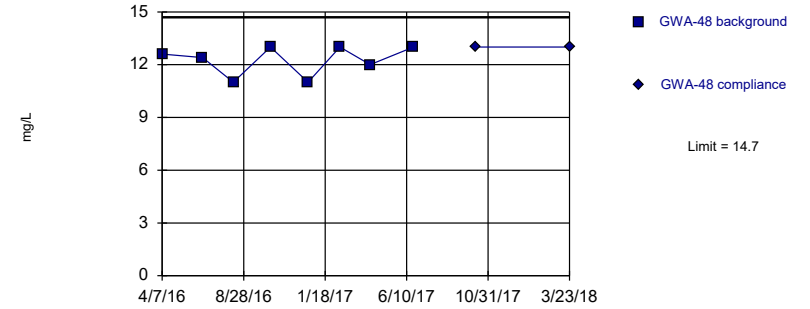
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=10.58, Std. Dev.=0.6205, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8759, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:25 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

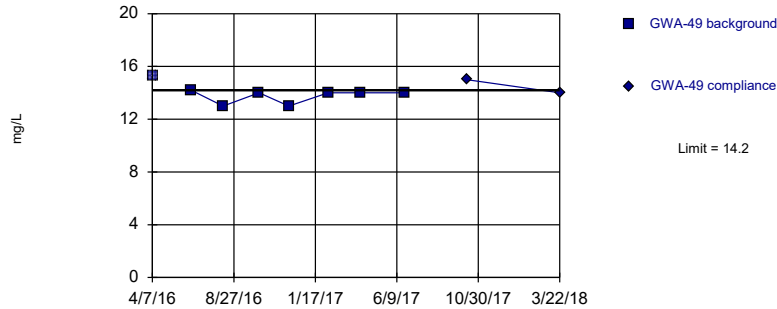
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=12.25, Std. Dev.=0.8468, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8199, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

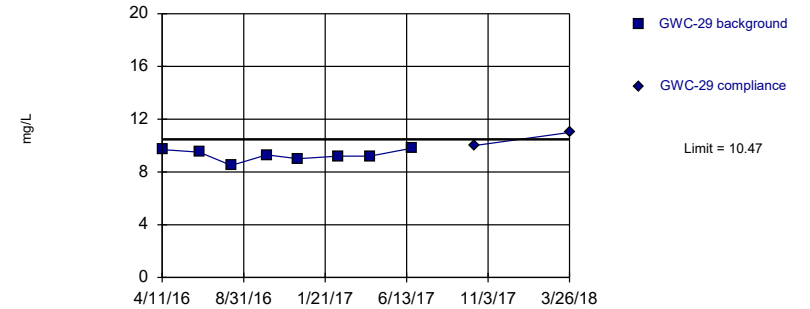
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 7 background values. Well-constituent pair annual alpha = 0.05455. Individual comparison alpha = 0.02765 (1 of 2).

Constituent: Calcium Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

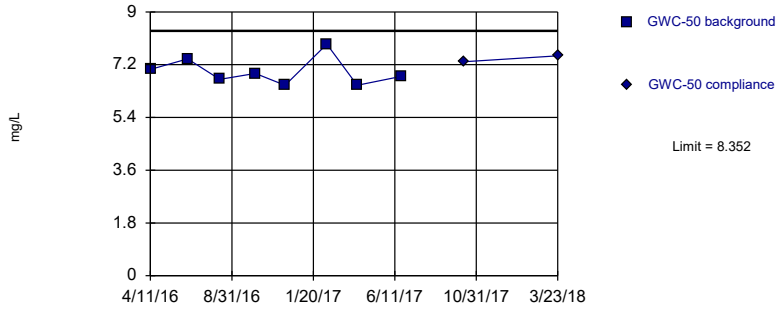
Exceeds Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=9.275, Std. Dev.=0.4132, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9512, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

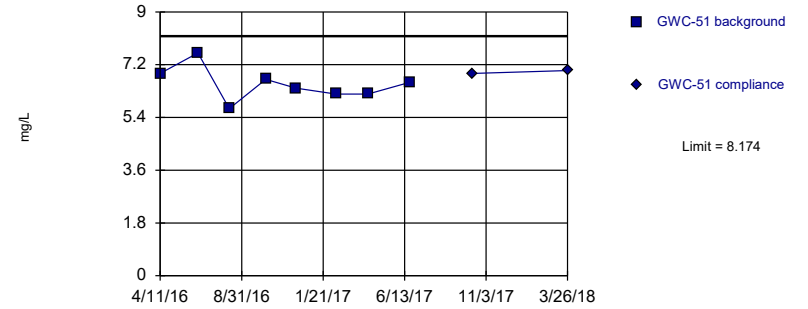
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.968, Std. Dev.=0.4786, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8936, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

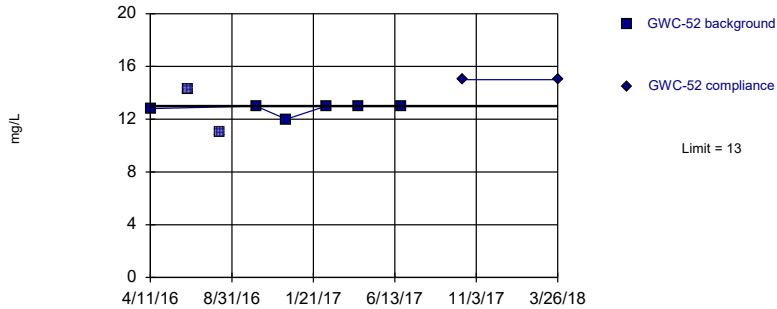
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.538, Std. Dev.=0.5655, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9649, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

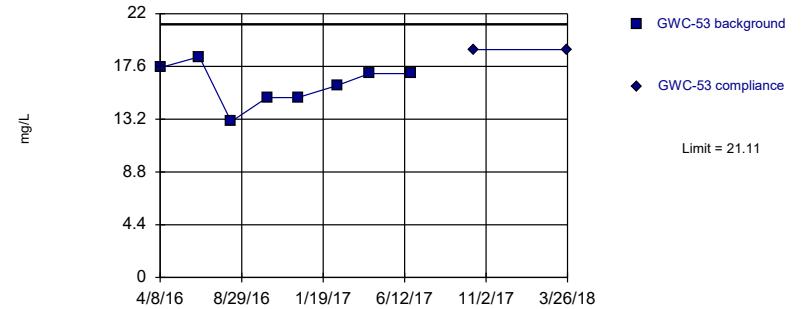
Exceeds Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 6 background values. Well-constituent pair annual alpha = 0.06667. Individual comparison alpha = 0.03391 (1 of 2).

Constituent: Calcium Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

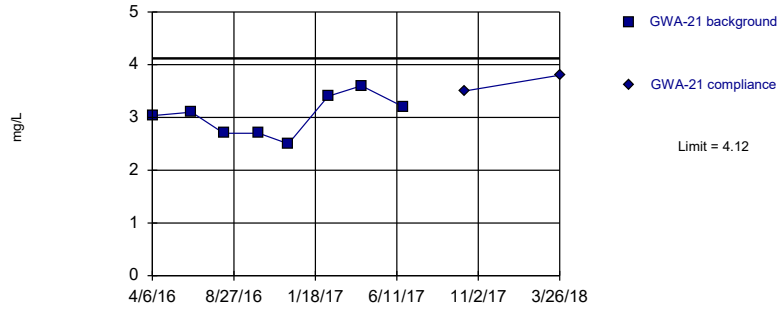
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=16.11, Std. Dev.=1.728, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.953, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

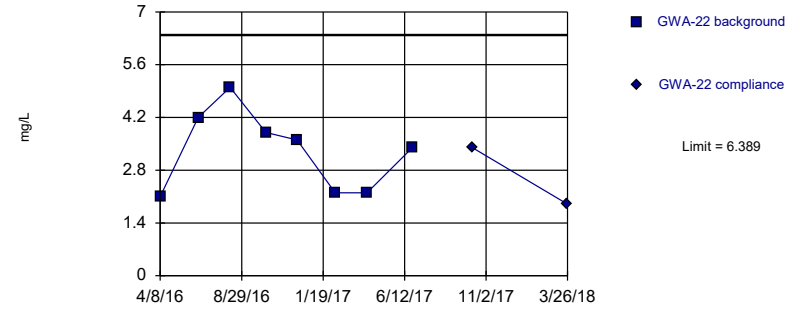
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.029, Std. Dev.=0.3769, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9621, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

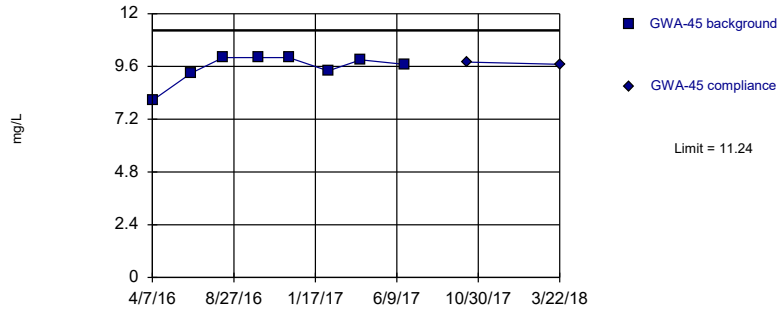
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.313, Std. Dev.=1.063, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9068, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

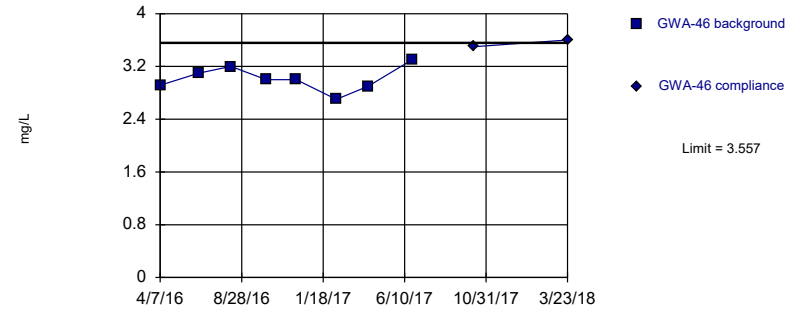
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on square transformation): Mean=91.47, Std. Dev.=12.03, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7639, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

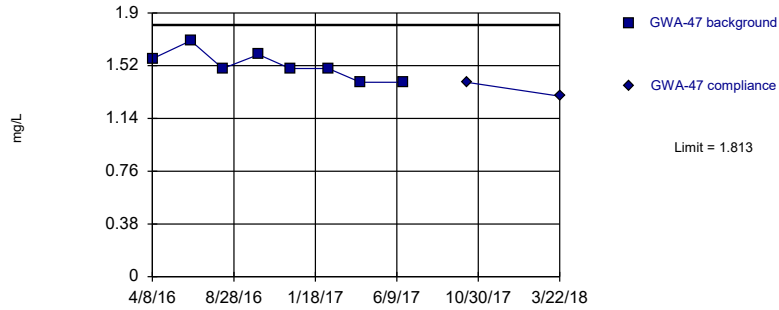
Exceeds Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.014, Std. Dev.=0.1874, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9788, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

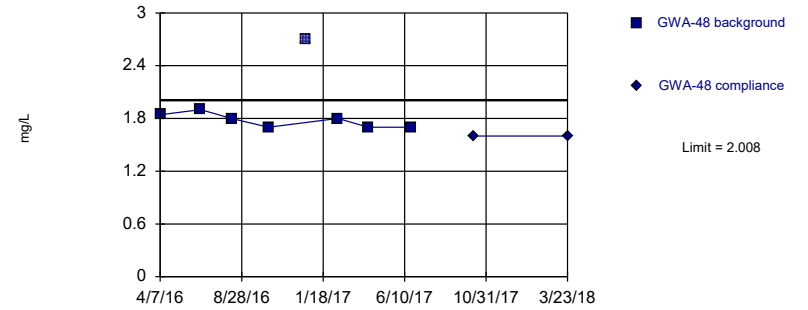
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.521, Std. Dev.=0.1009, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9268, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

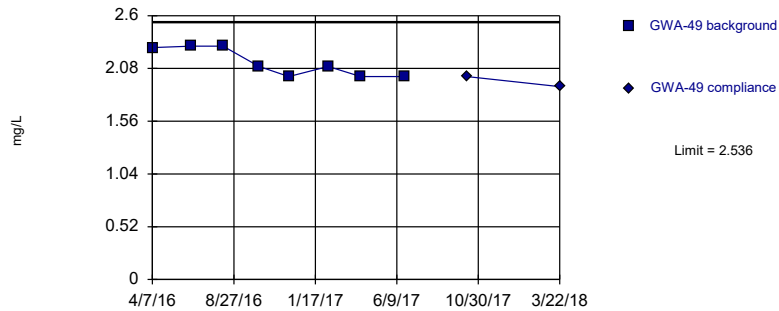
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.777, Std. Dev.=0.07979, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8644, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

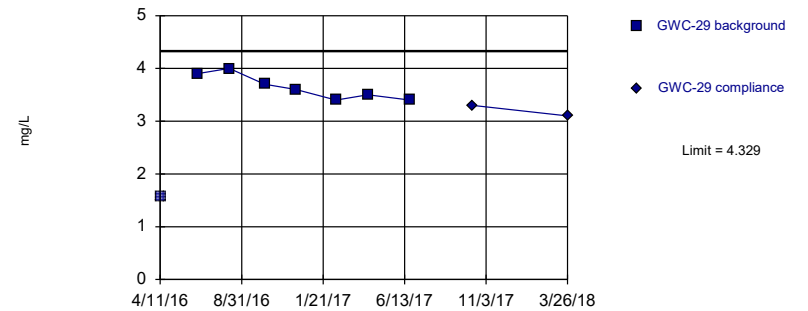
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.136, Std. Dev.=0.1384, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7934, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric

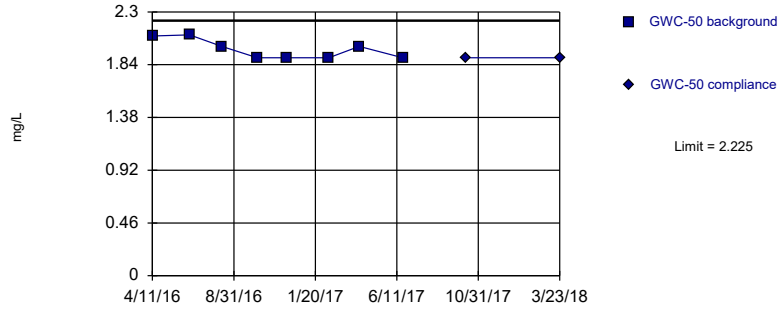


Background Data Summary: Mean=3.643, Std. Dev.=0.237, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9089, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

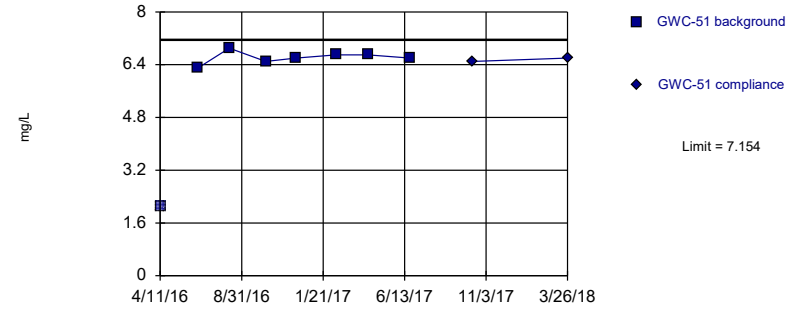


Background Data Summary: Mean=1.974, Std. Dev.=0.08667, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7929, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

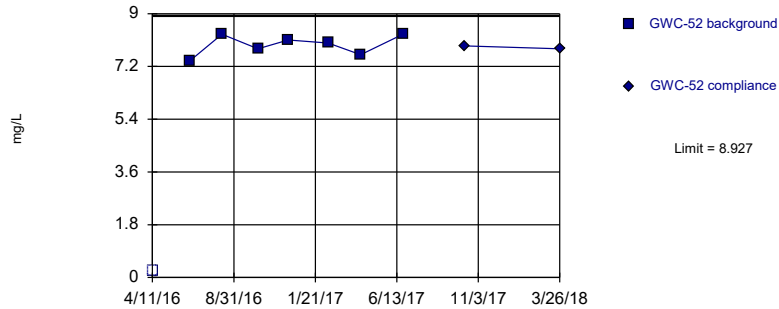


Background Data Summary: Mean=6.614, Std. Dev.=0.1864, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9649, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

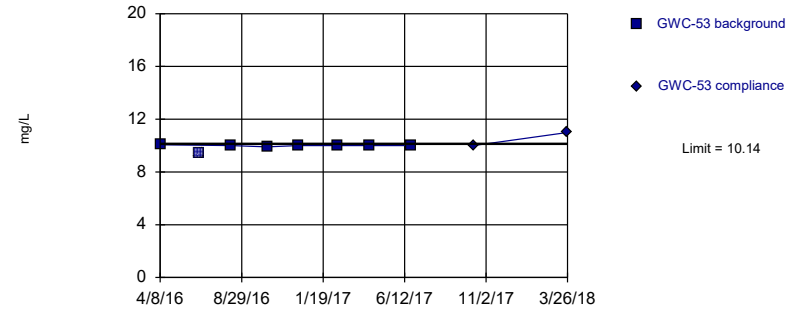


Background Data Summary: Mean=7.929, Std. Dev.=0.345, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9303, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

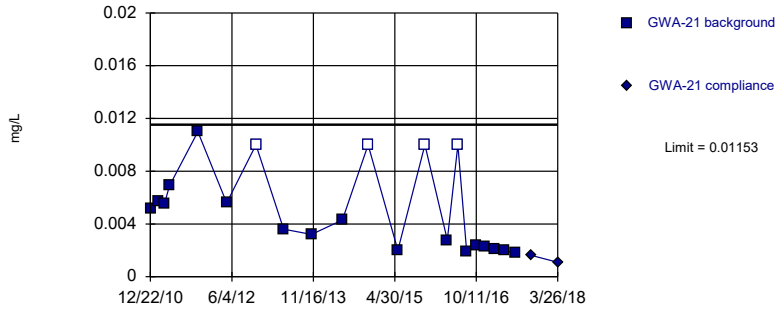


Background Data Summary: Mean=9.995, Std. Dev.=0.04839, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7528, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

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Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Parametric

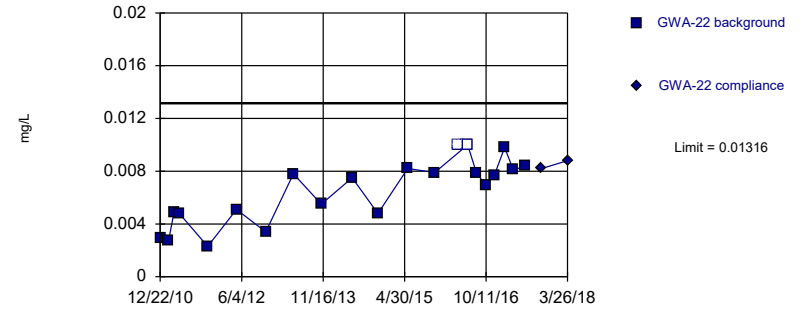


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05918, Std. Dev.=0.01665, n=21, 19.05% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8805, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Parametric

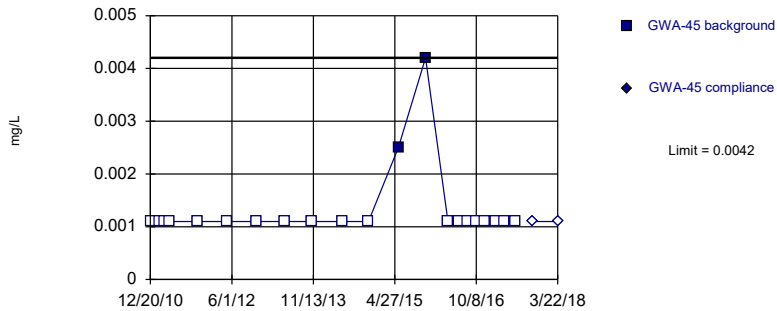


Background Data Summary: Mean=0.00633, Std. Dev.=0.00236, n=20, 5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9272, critical = 0.868. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

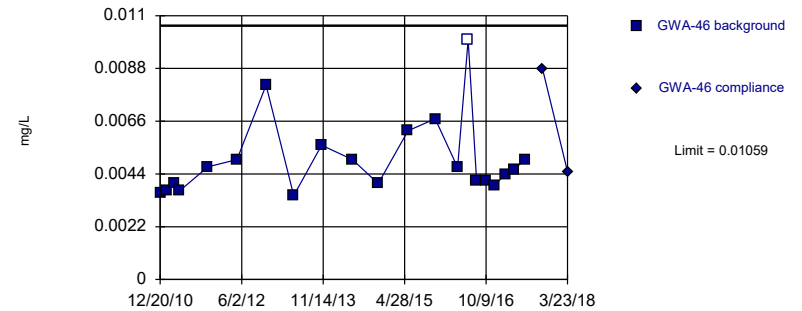


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Parametric



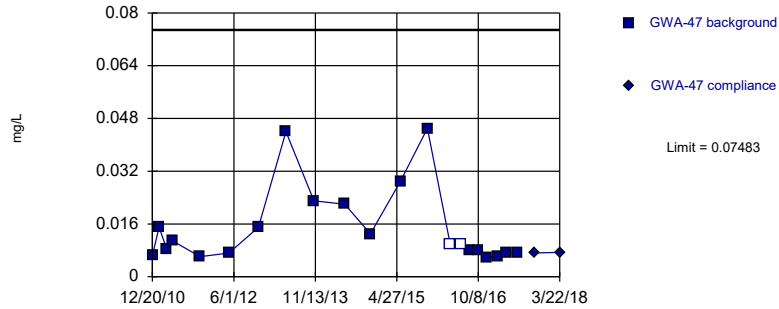
Background Data Summary (based on natural log transformation): Mean=-5.342, Std. Dev.=0.2744, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8804, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



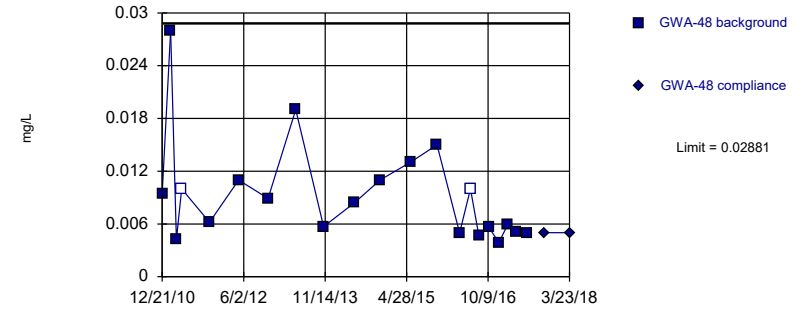
Background Data Summary (based on natural log transformation): Mean=-4.45, Std. Dev.=0.6417, n=21, 9.524%
NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8805, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



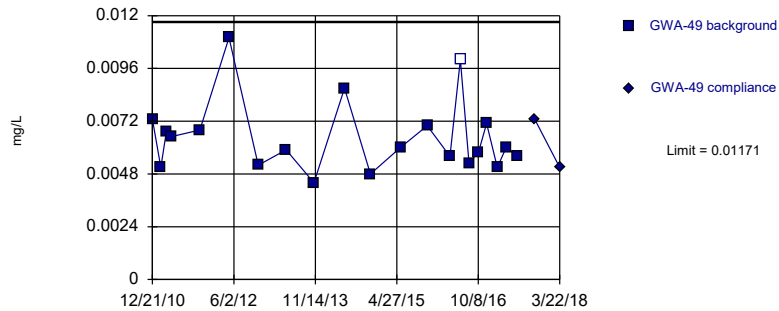
Background Data Summary (based on square root transformation): Mean=0.0928, Std. Dev.=0.02659, n=21, 9.524%
NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8852, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



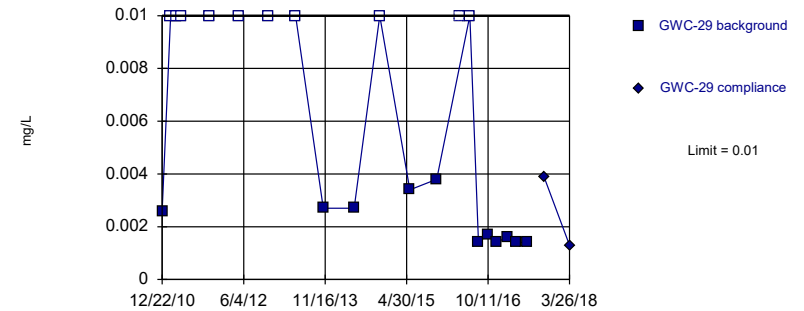
Background Data Summary (based on square root transformation): Mean=0.07987, Std. Dev.=0.009799, n=21,
4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8998, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



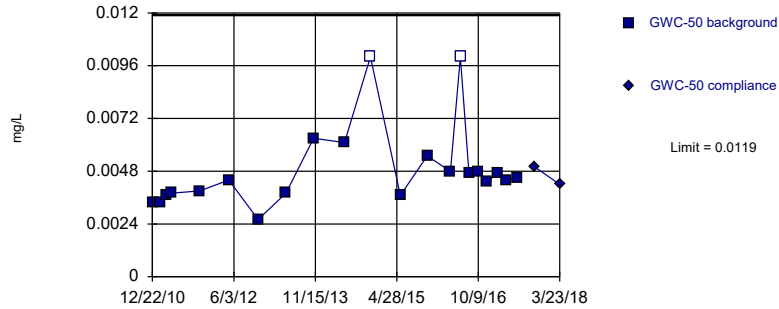
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 45% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



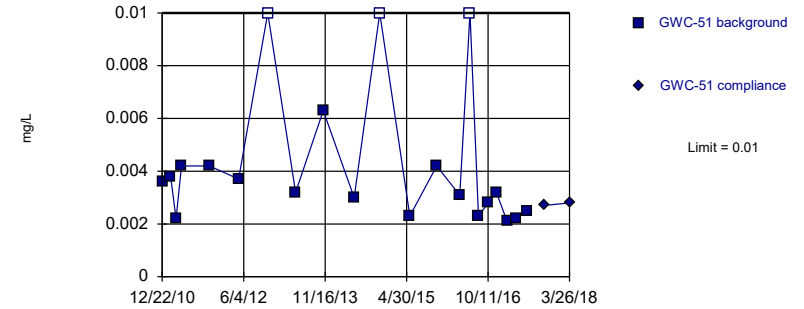
Background Data Summary (based on natural log transformation): Mean=-5.376, Std. Dev.=0.3265, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8944, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



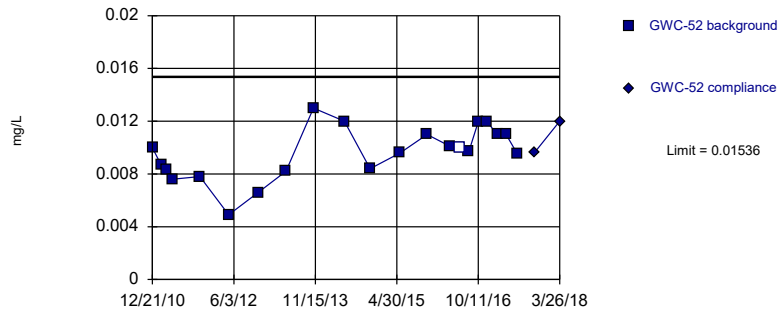
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 14.29% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



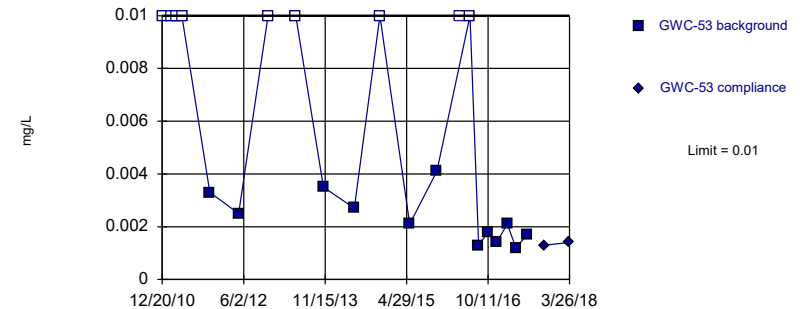
Background Data Summary: Mean=0.00959, Std. Dev.=0.001994, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9741, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

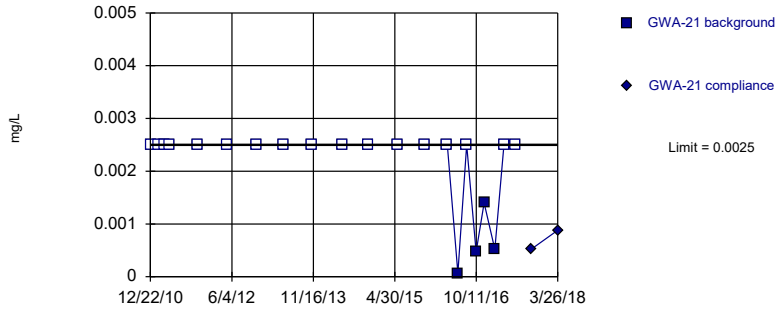


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 40% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Chromium, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

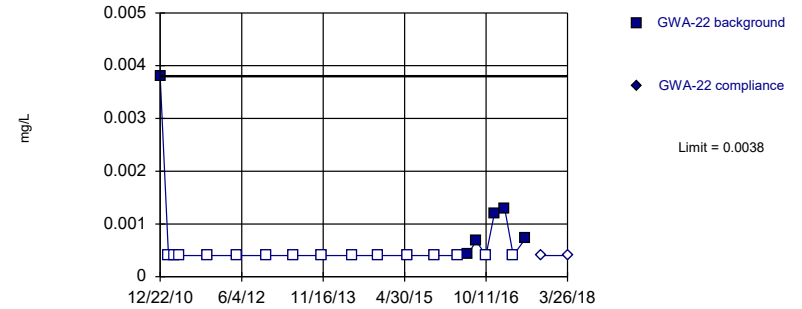


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

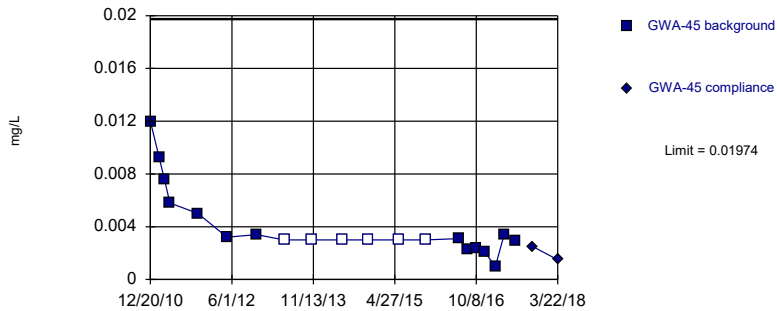


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

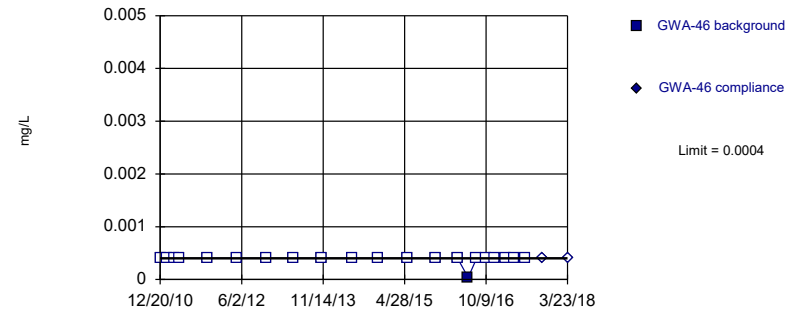


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.806, Std. Dev.=0.6499, n=20, 30% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8881, critical = 0.868. Kappa overridden to 2.894.

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

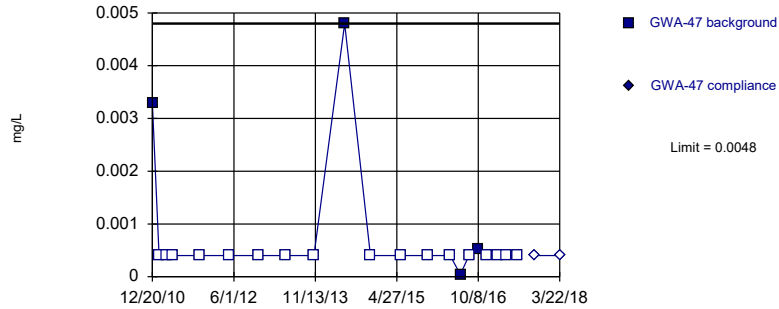


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

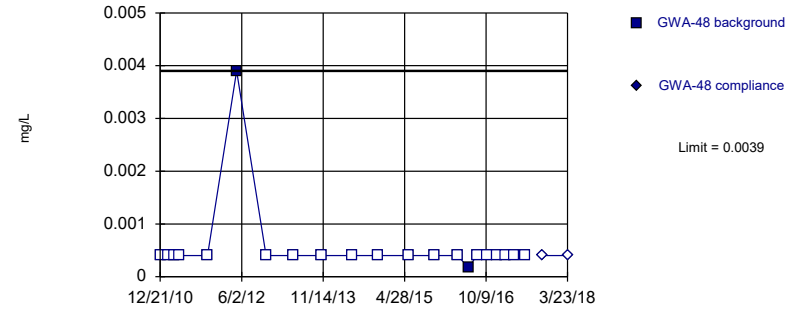


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

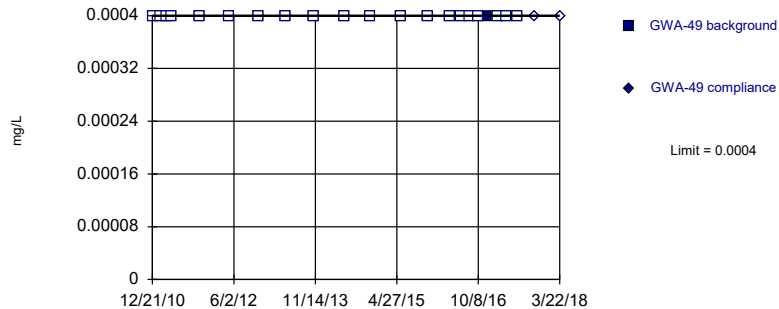


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

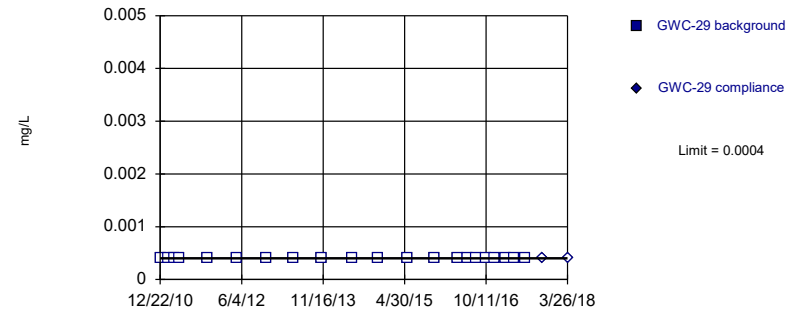


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

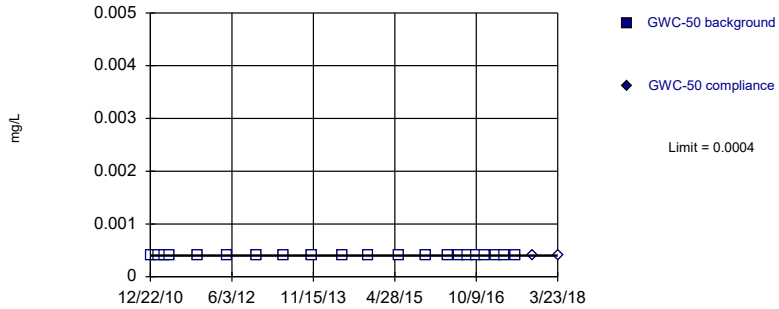
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

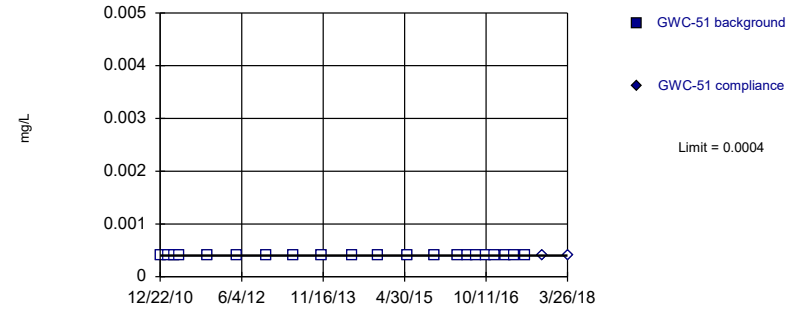
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

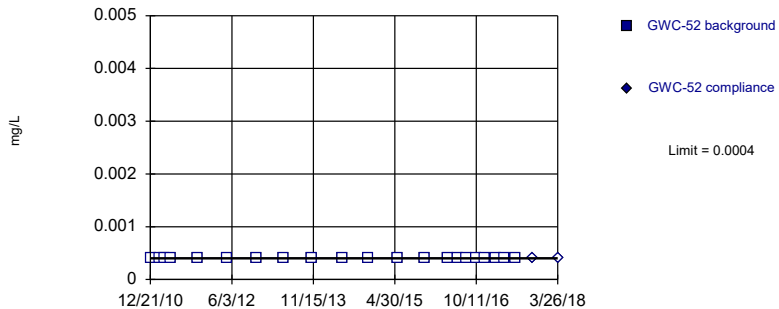
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

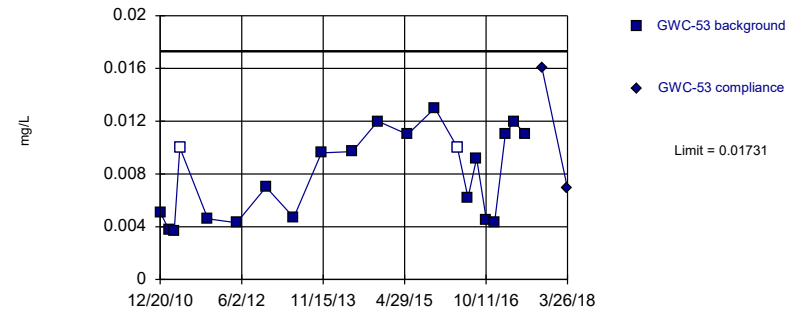
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric



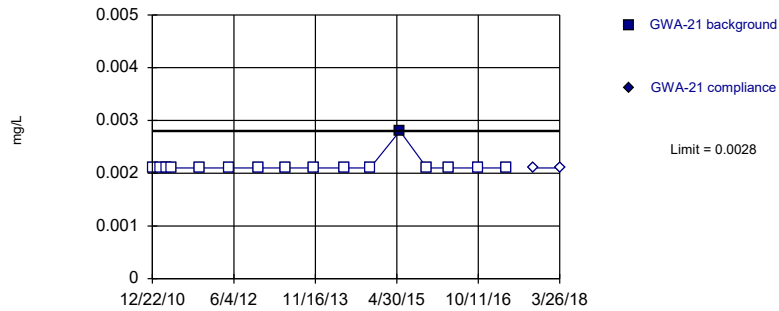
Background Data Summary: Mean=0.007938, Std. Dev.=0.003238, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8802, critical = 0.873. Kappa overridden to 2.894.

Constituent: Cobalt, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



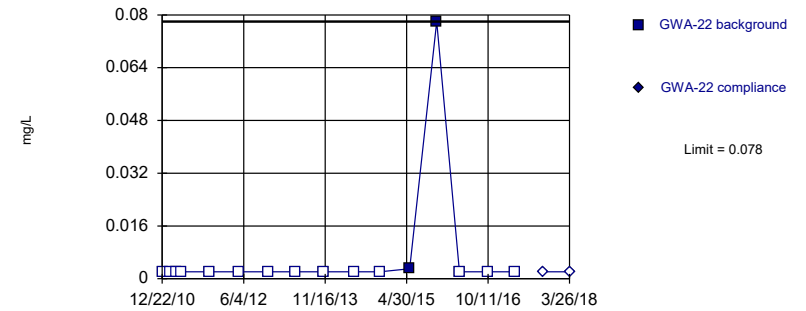
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



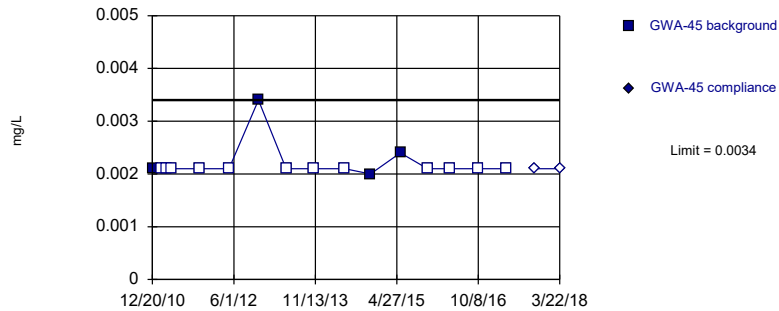
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



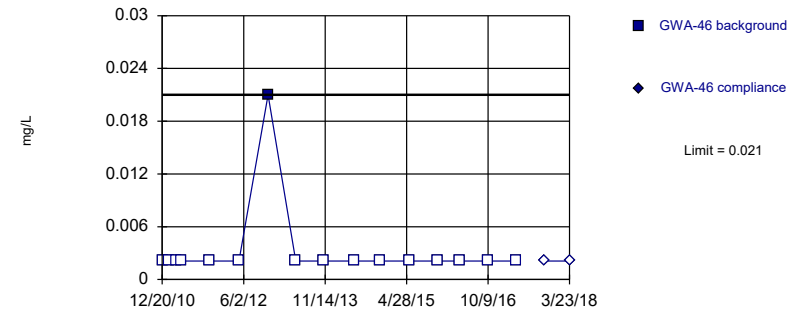
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

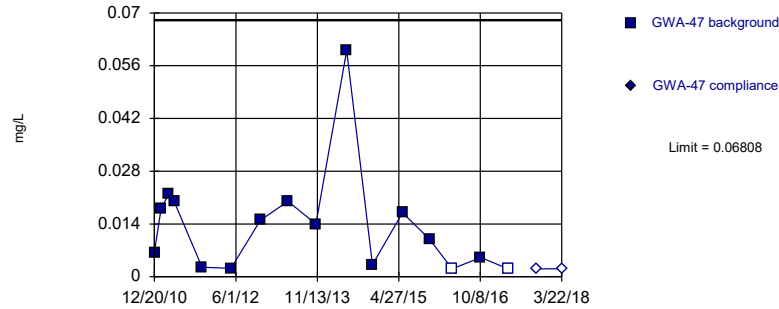


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

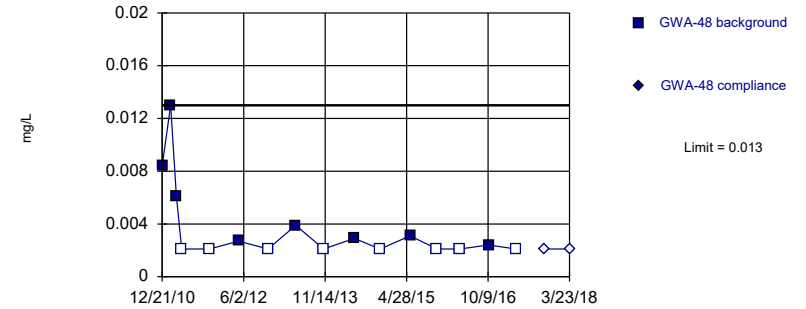


Background Data Summary (based on square root transformation): Mean=0.1049, Std. Dev.=0.05391, n=16, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8808, critical = 0.844. Kappa overridden to 2.894.

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

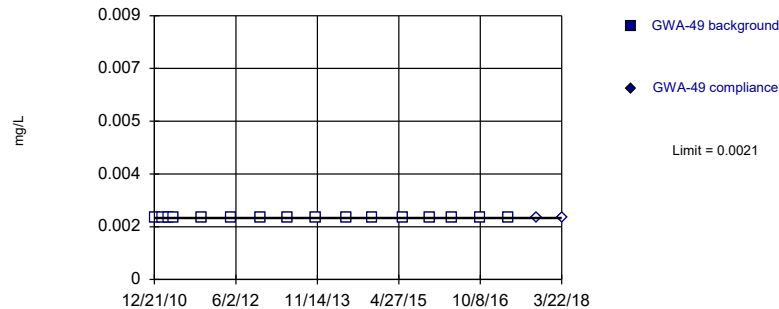


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 50% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

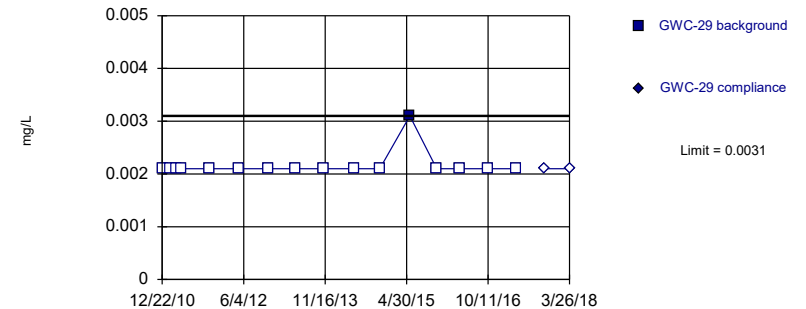


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



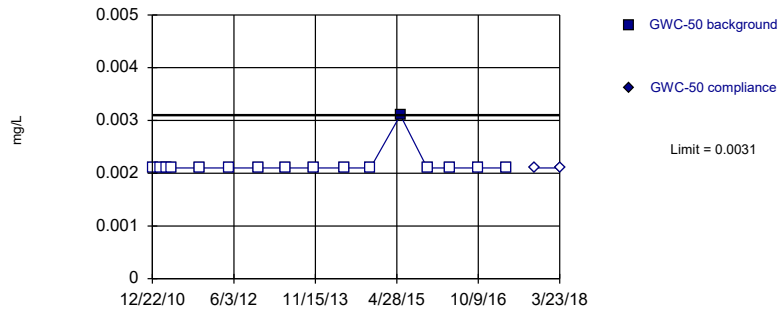
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



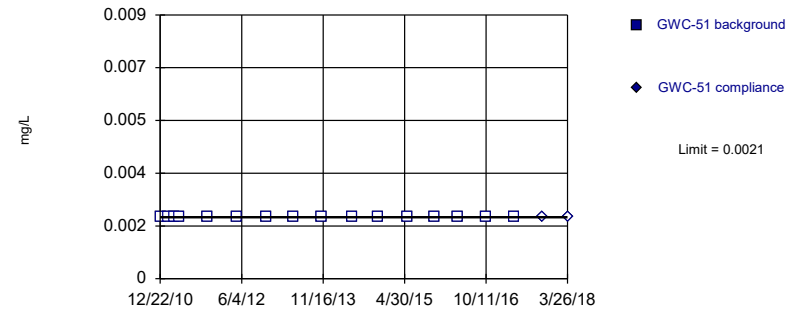
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



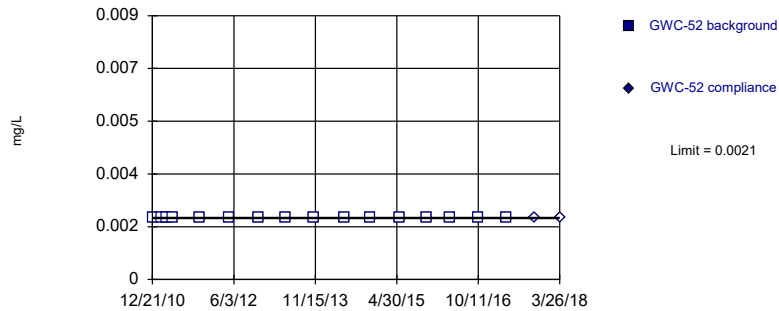
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



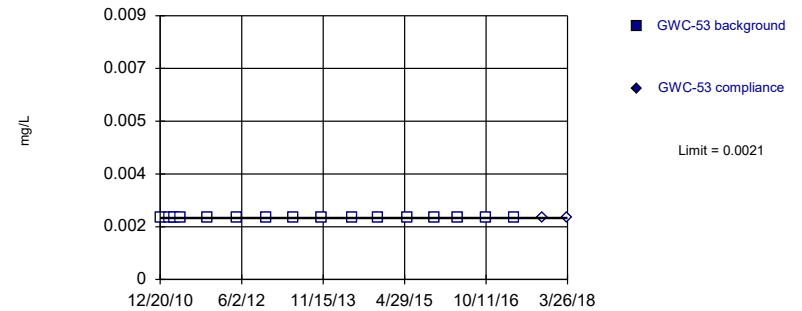
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

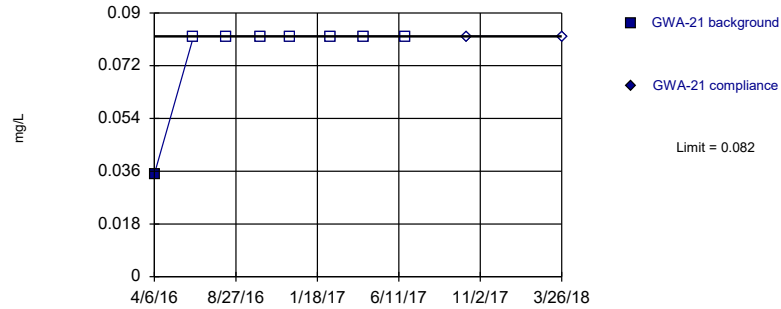
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

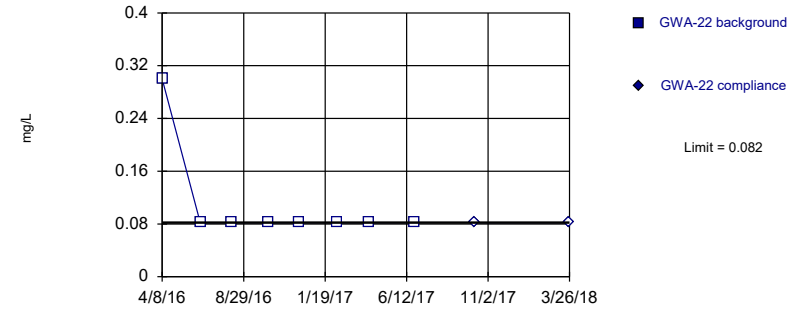
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

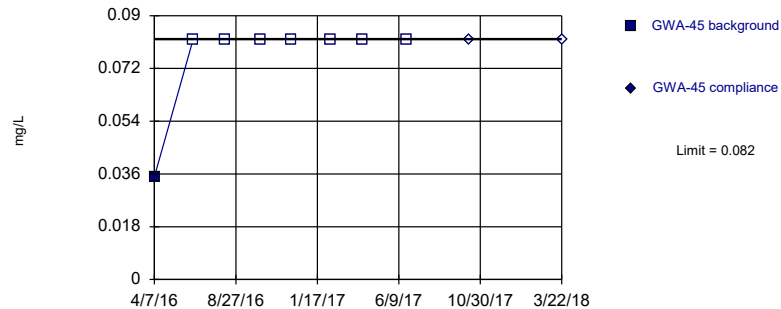
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

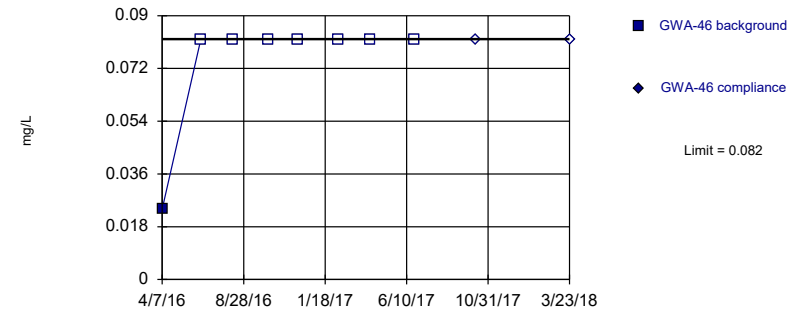
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

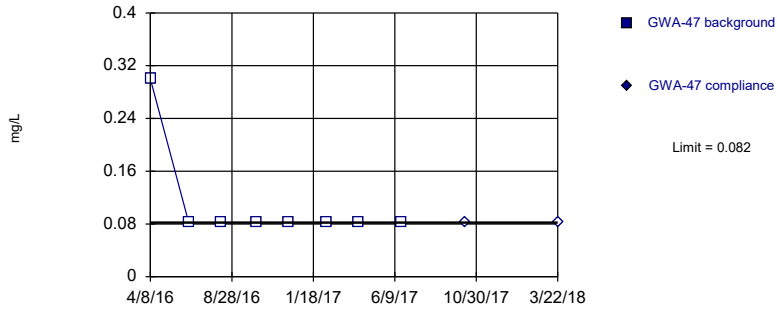
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

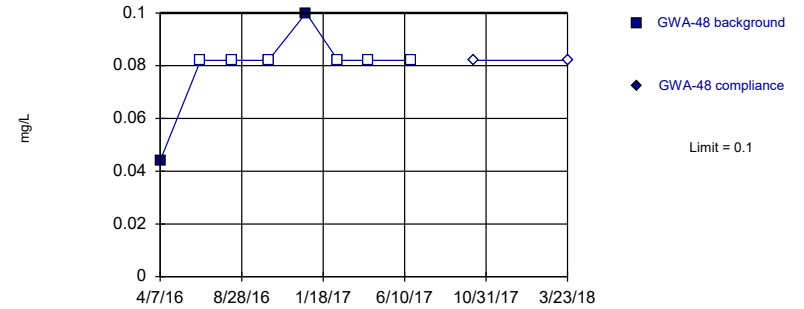
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

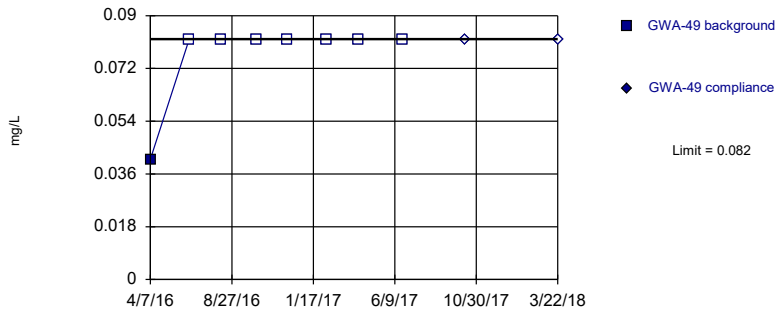
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

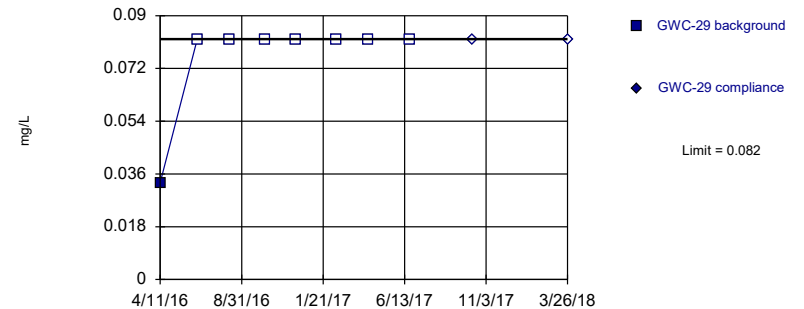
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

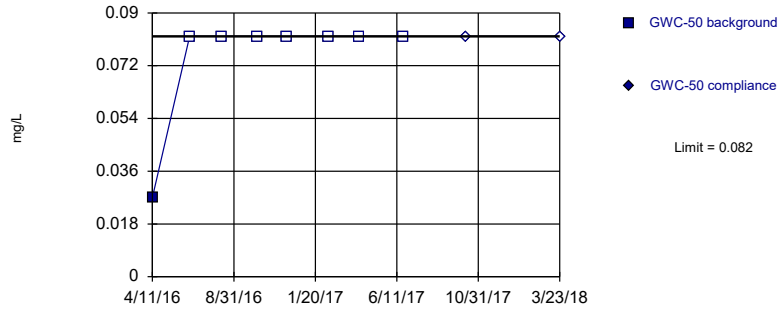
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

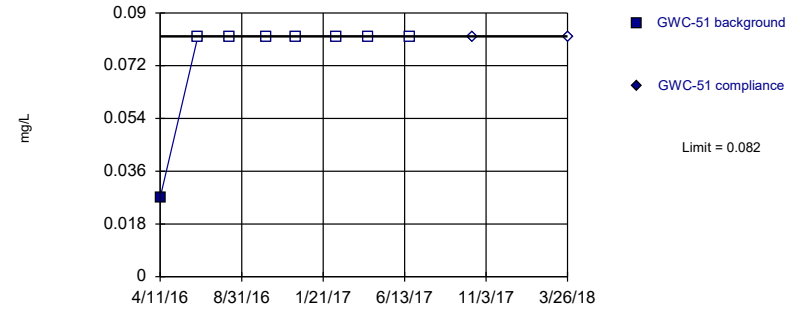
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

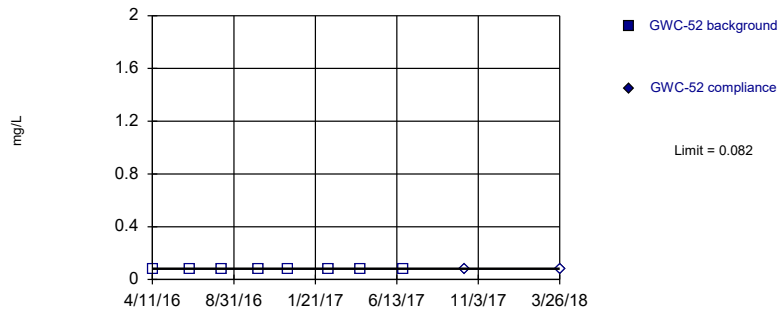
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

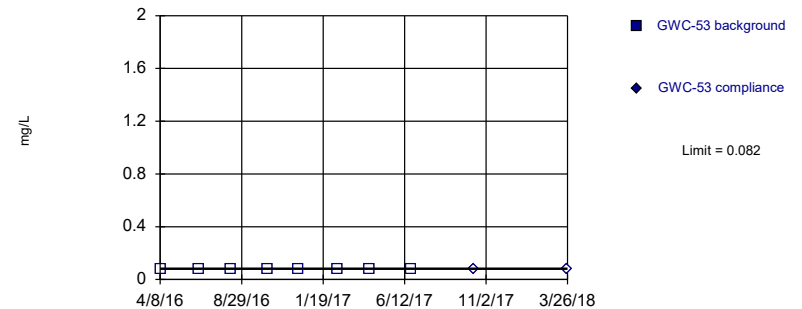
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric

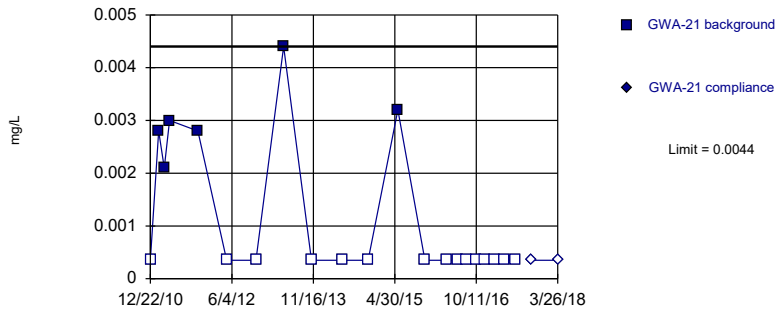


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

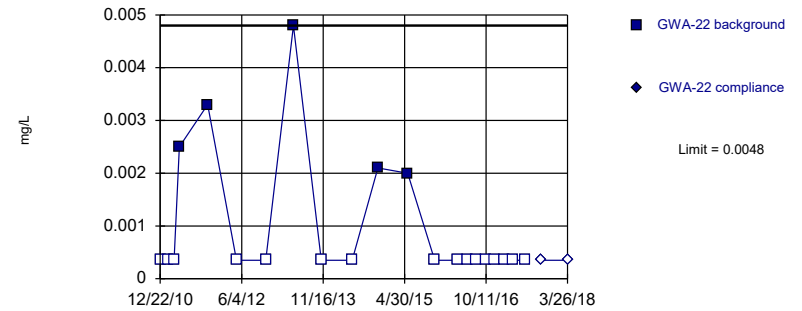


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

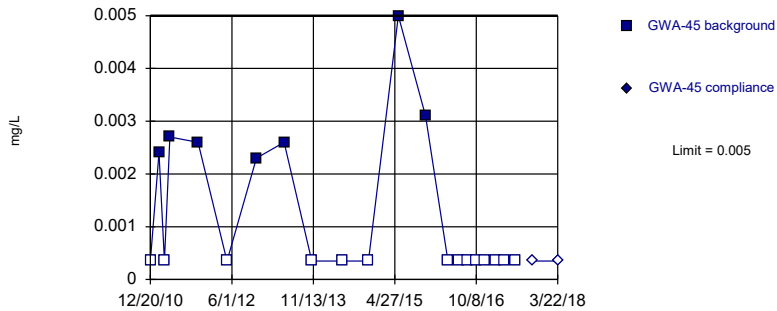


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

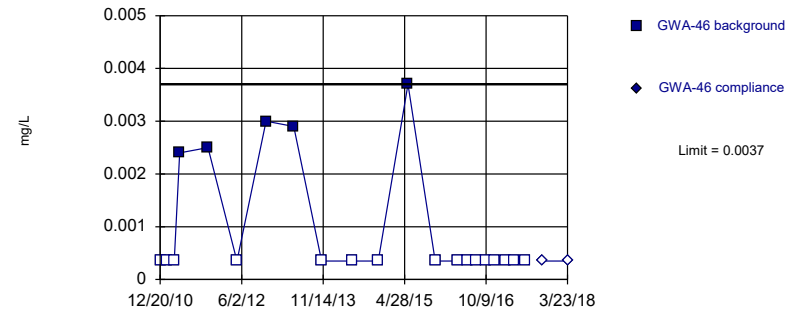


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



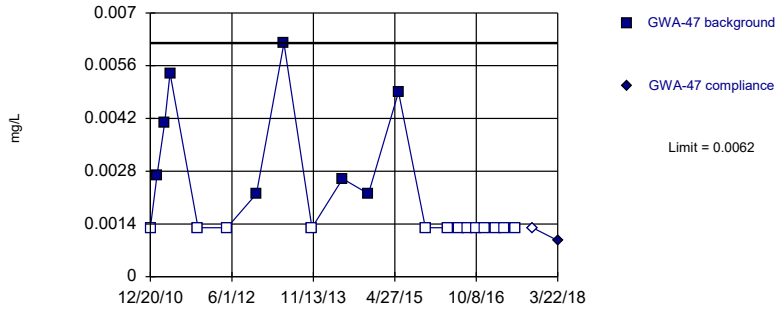
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



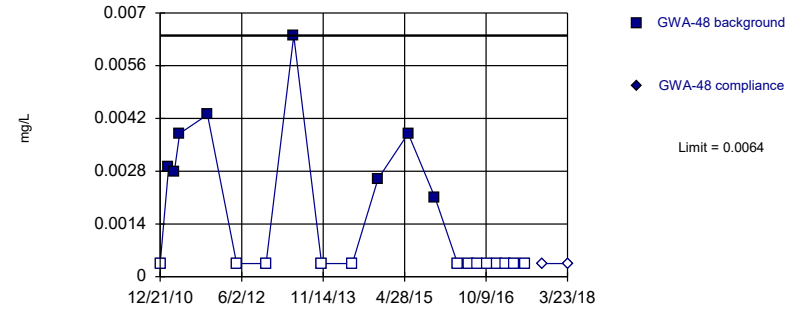
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



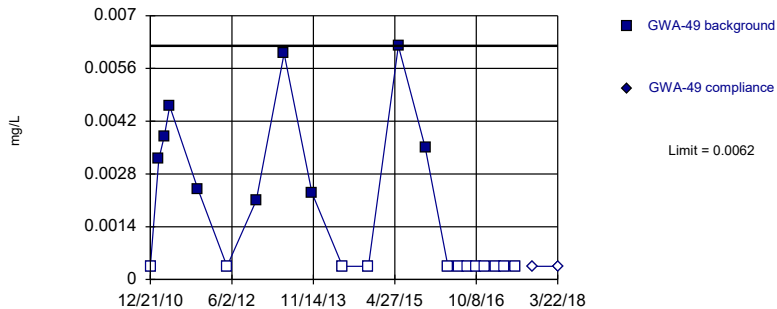
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



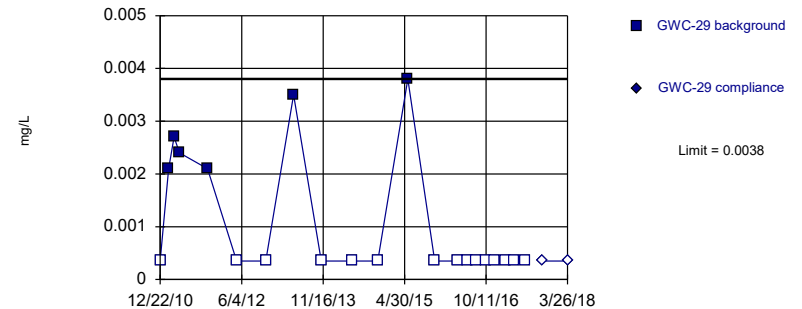
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 57.14% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

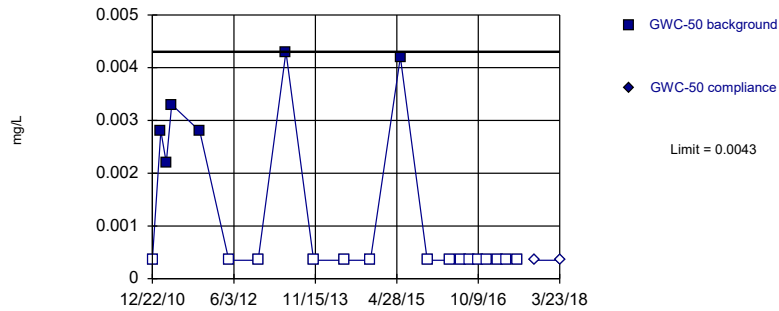


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

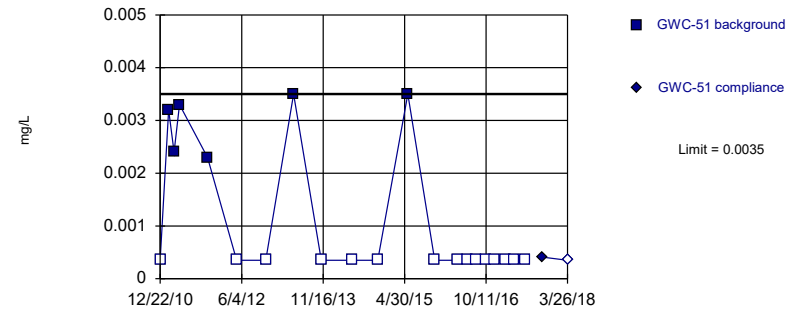


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

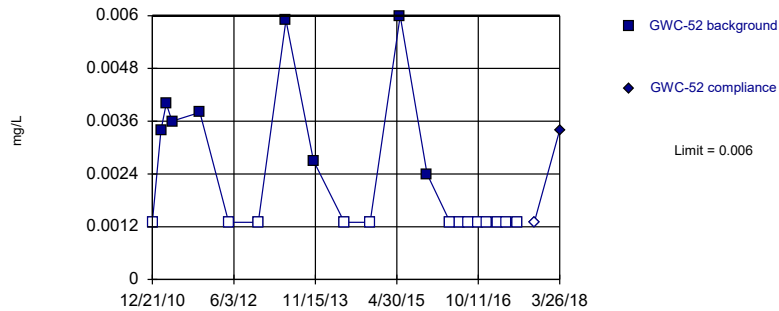


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

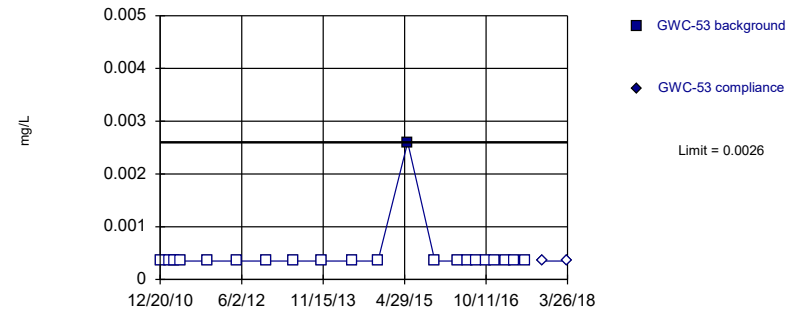


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

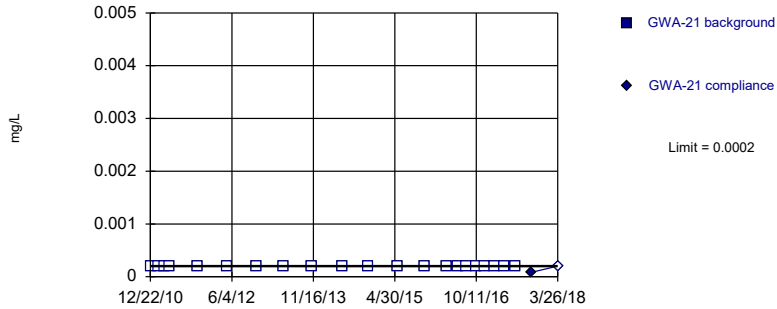
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

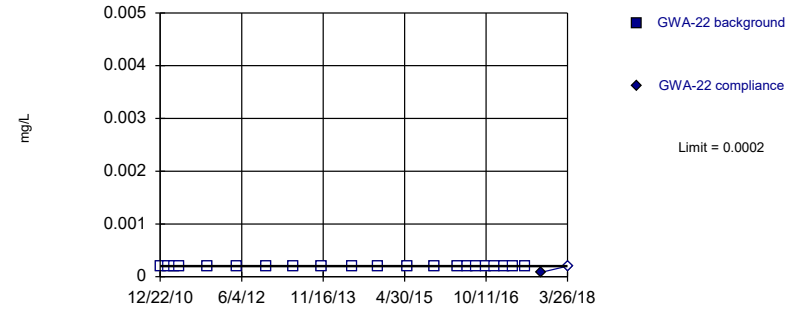
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

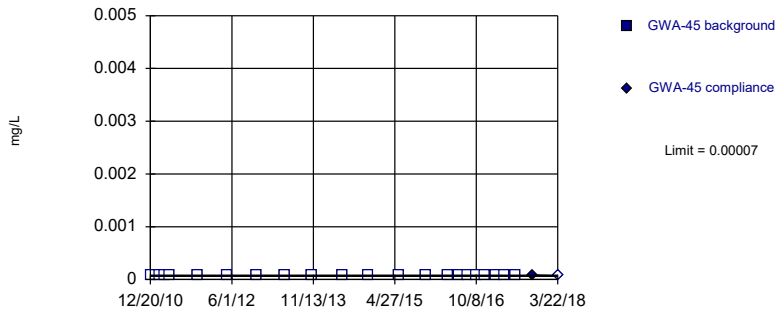
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

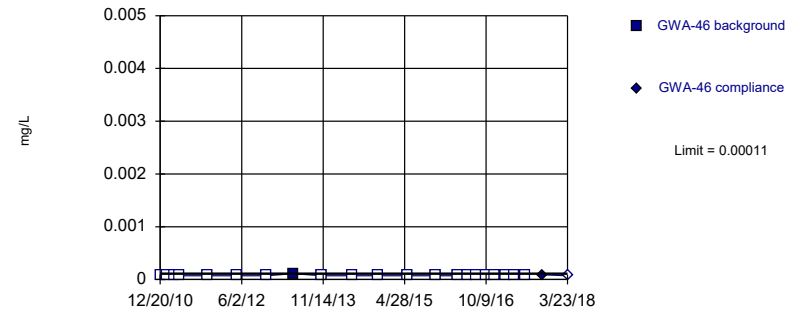
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric



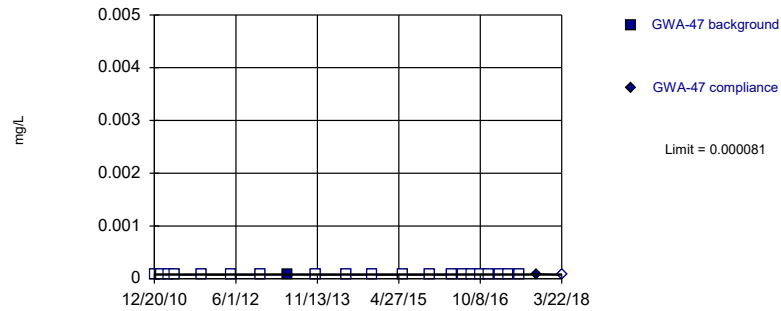
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



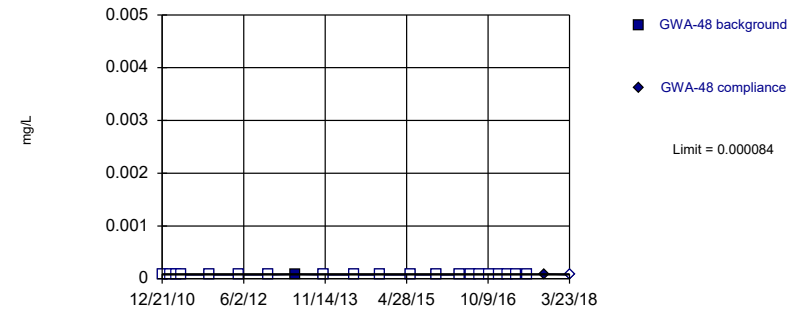
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



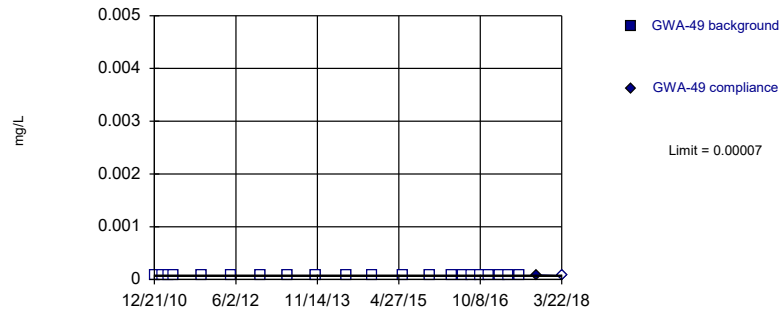
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



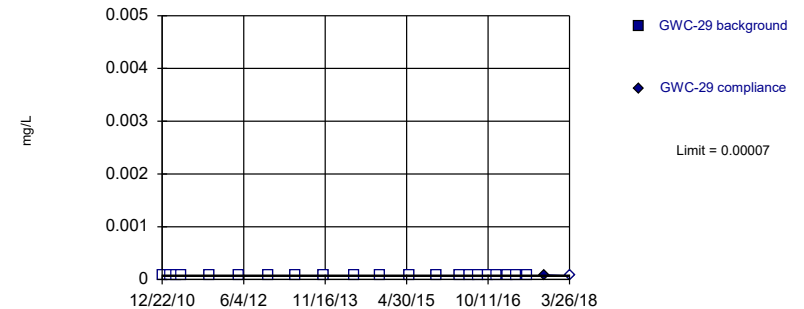
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:26 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

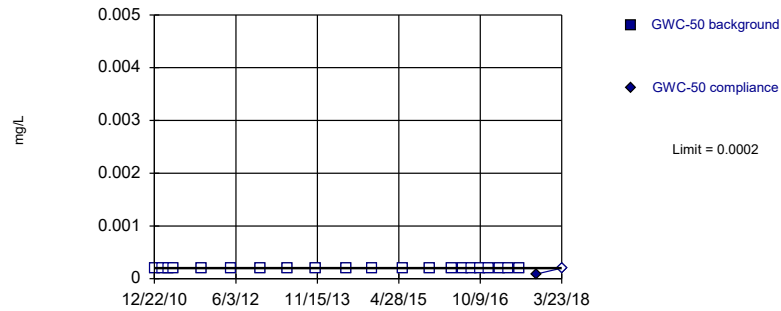


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

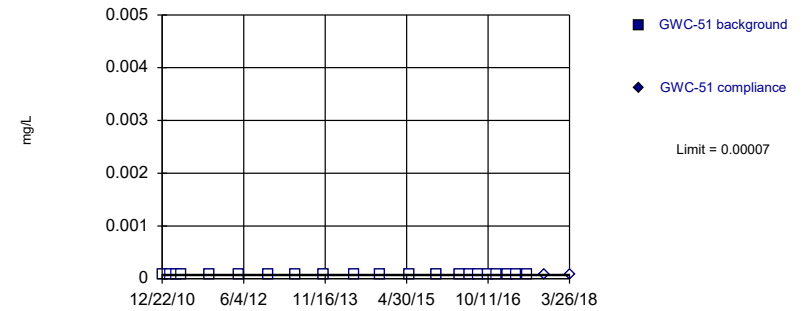


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

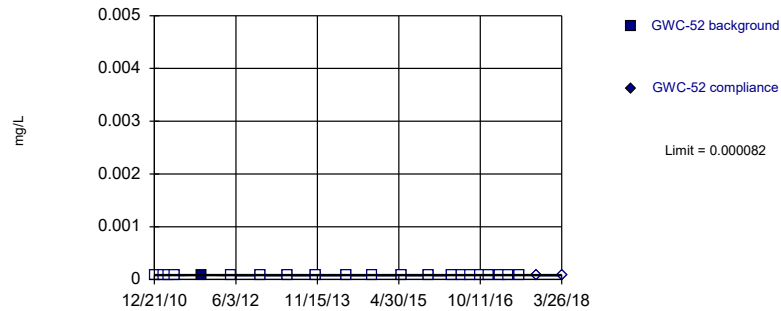


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

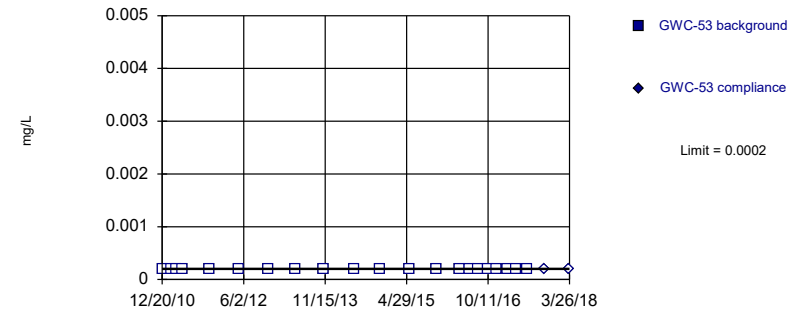


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric



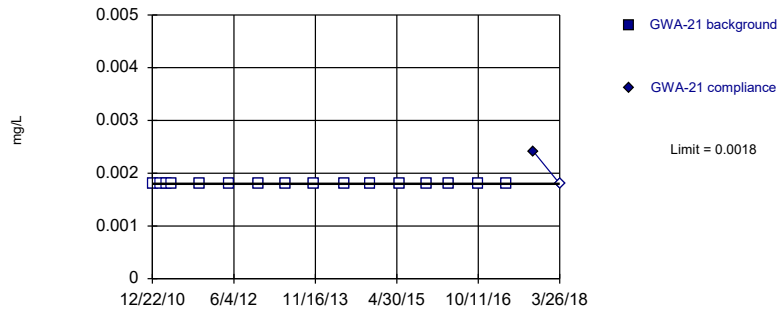
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



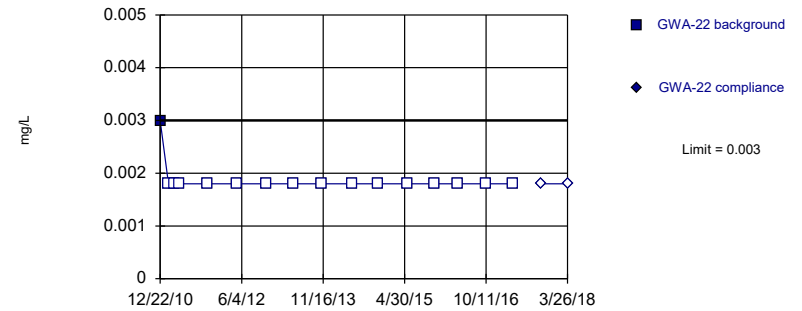
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



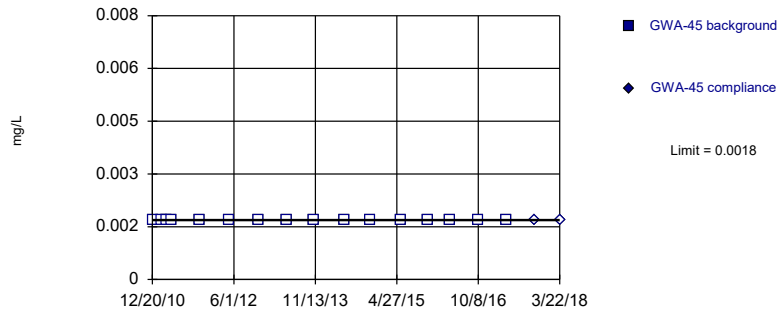
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



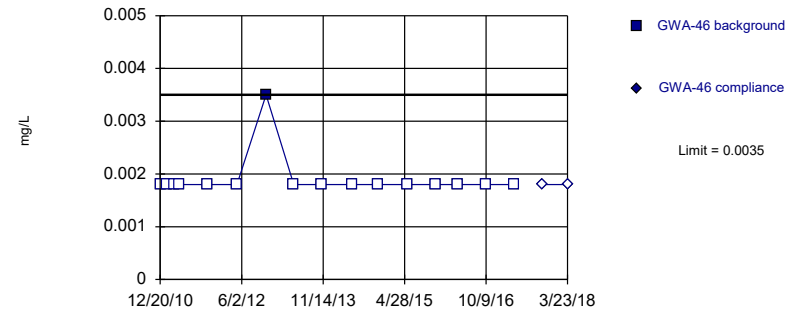
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

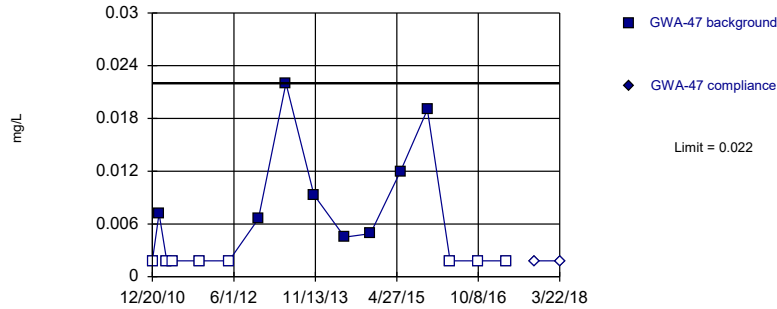


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

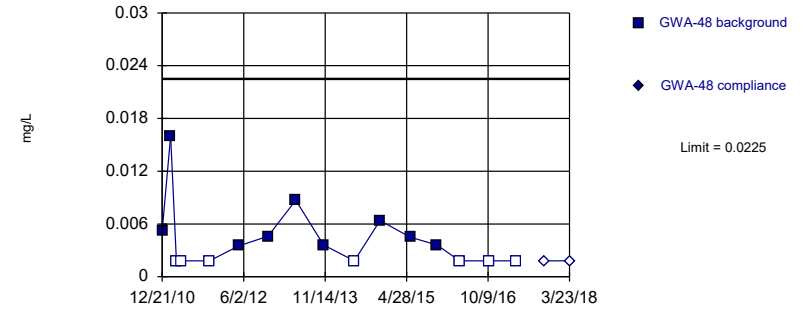


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 50% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

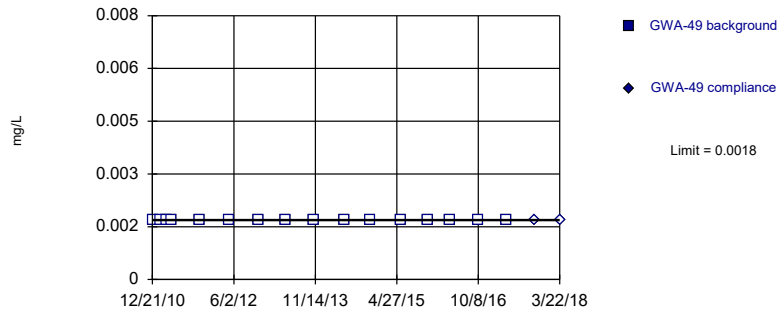


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.733, Std. Dev.=0.67, n=16, 43.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8512, critical = 0.844. Kappa overridden to 2.894.

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

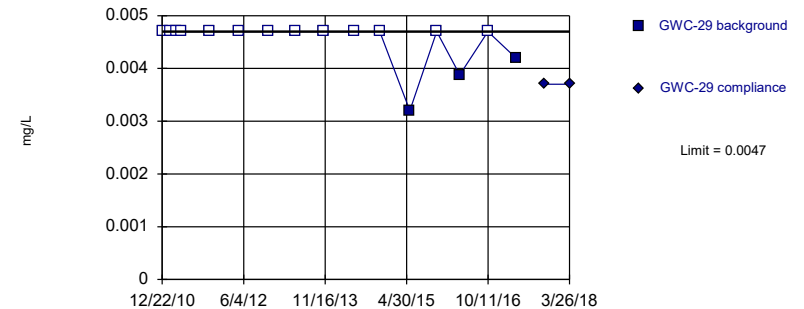


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



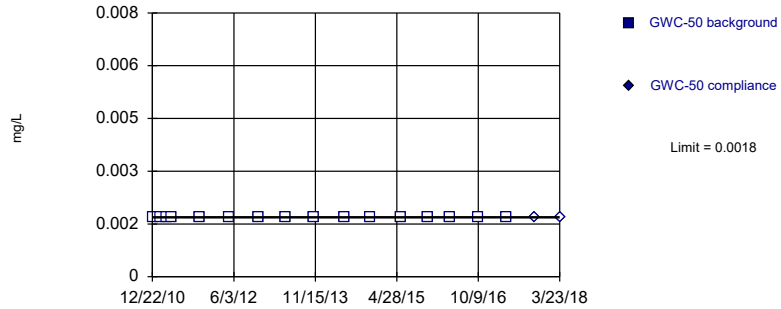
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



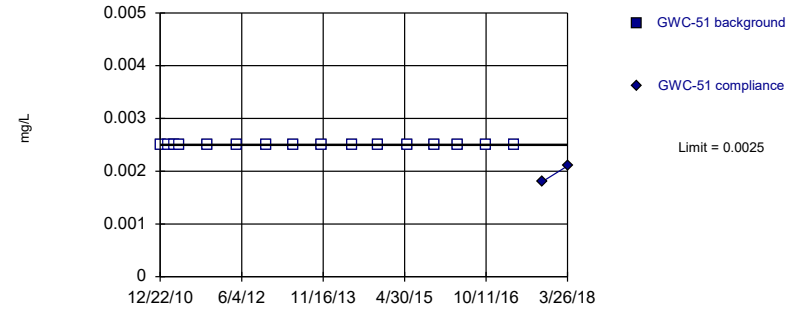
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



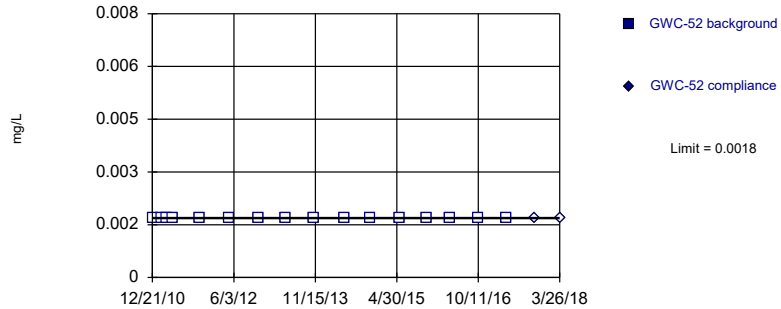
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



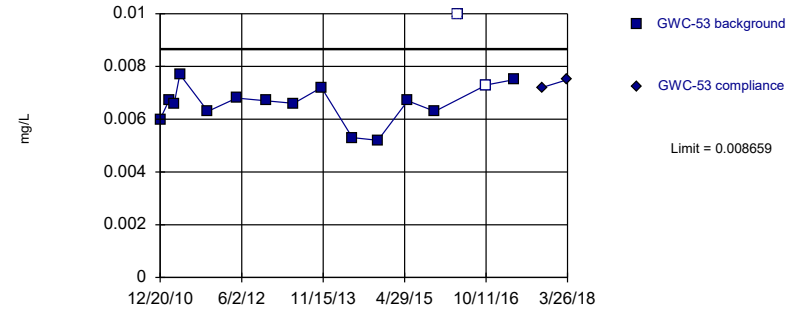
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric

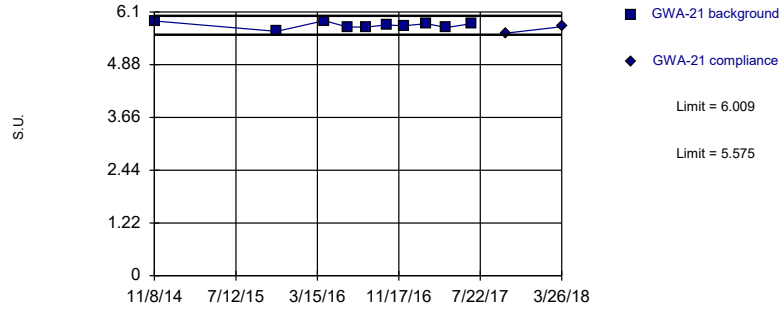


Background Data Summary: Mean=0.006593, Std. Dev.=0.0007136, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9402, critical = 0.835. Kappa overridden to 2.894.

Constituent: Nickel, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

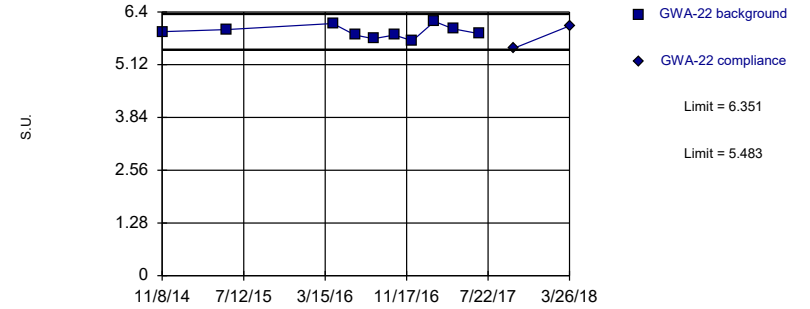


Background Data Summary: Mean=5.792, Std. Dev.=0.0751, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9583, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

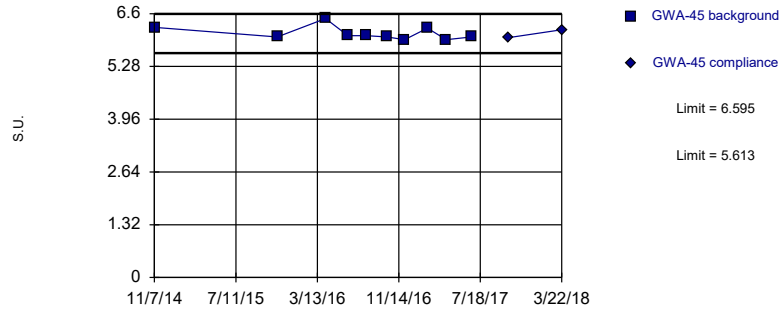


Background Data Summary: Mean=5.917, Std. Dev.=0.15, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9631, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

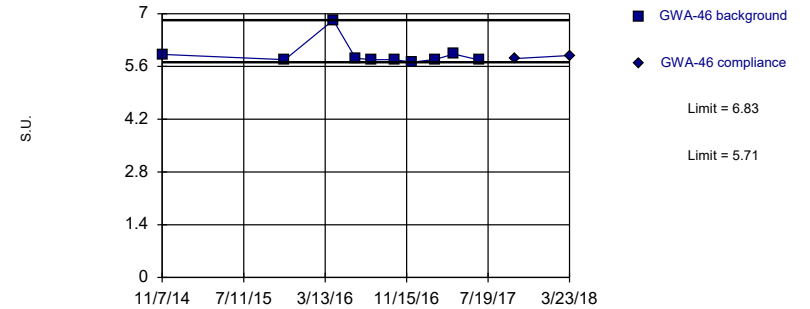


Background Data Summary: Mean=6.104, Std. Dev.=0.1695, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8116, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

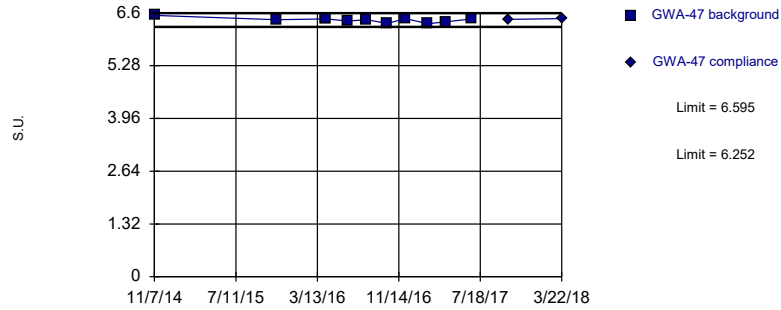


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 10 background values. Well-constituent pair annual alpha = 0.0586. Individual comparison alpha = 0.02952 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

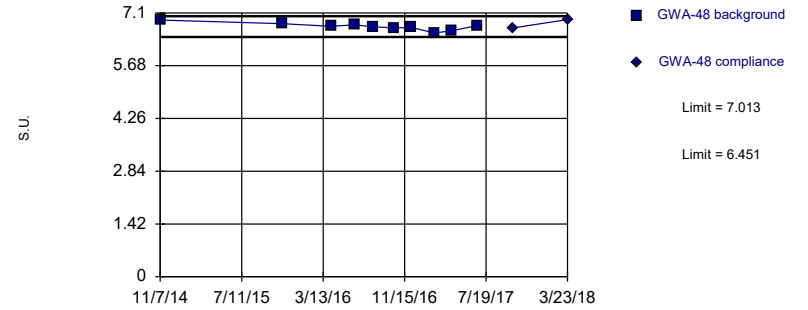


Background Data Summary: Mean=6.424, Std. Dev.=0.05938, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.937, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

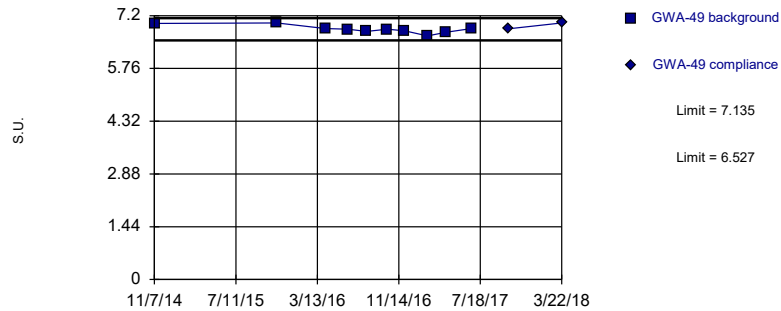


Background Data Summary: Mean=6.732, Std. Dev.=0.09693, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9744, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

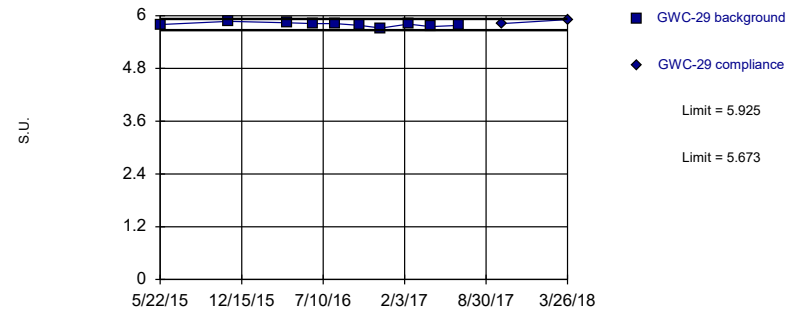


Background Data Summary: Mean=6.831, Std. Dev.=0.105, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9327, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

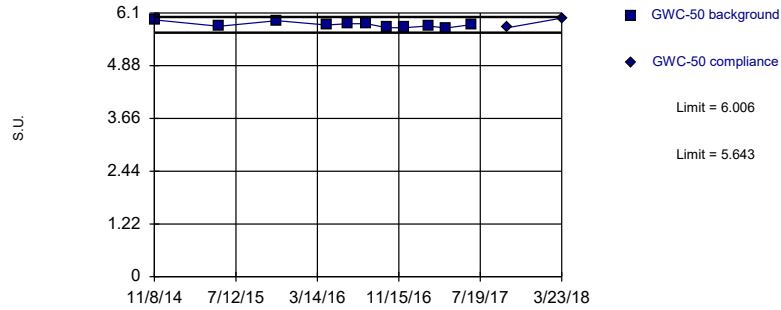


Background Data Summary: Mean=5.799, Std. Dev.=0.04358, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9822, critical = 0.781. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

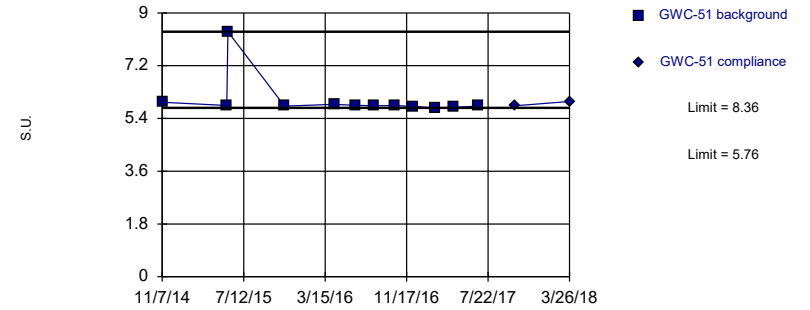


Background Data Summary: Mean=5.825, Std. Dev.=0.06283, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.919, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

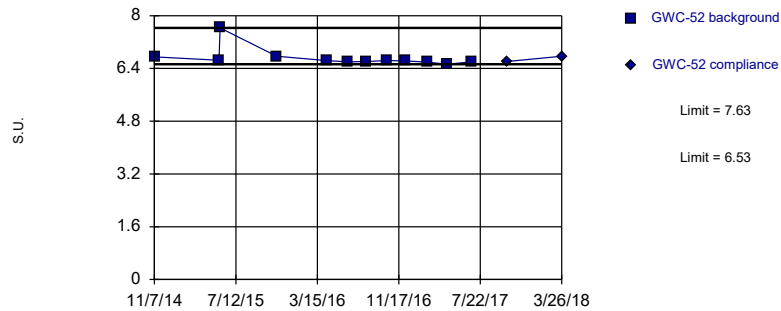


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 12 background values. Well-constituent pair annual alpha = 0.04286. Individual comparison alpha = 0.02155 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

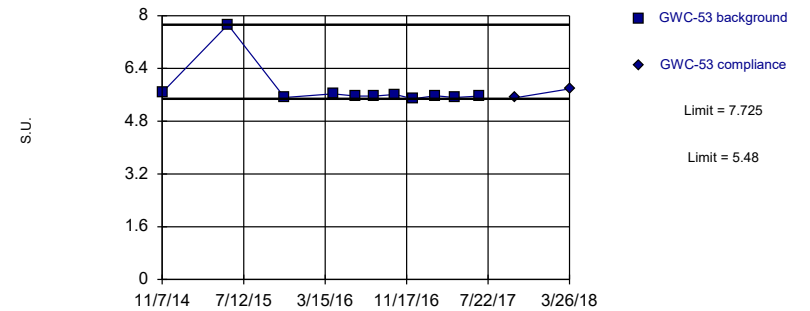


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 12 background values. Well-constituent pair annual alpha = 0.04286. Individual comparison alpha = 0.02155 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

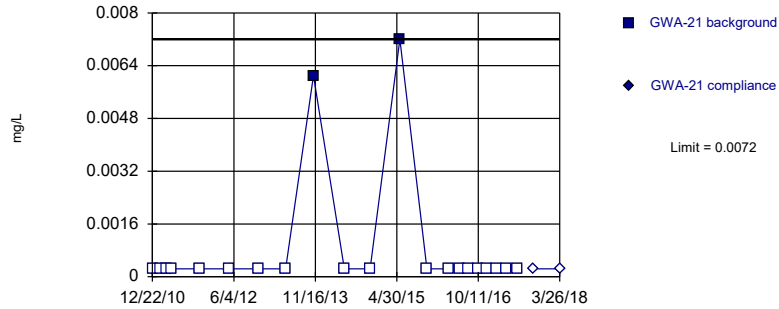


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 11 background values. Well-constituent pair annual alpha = 0.05073. Individual comparison alpha = 0.02553 (1 of 2).

Constituent: pH Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

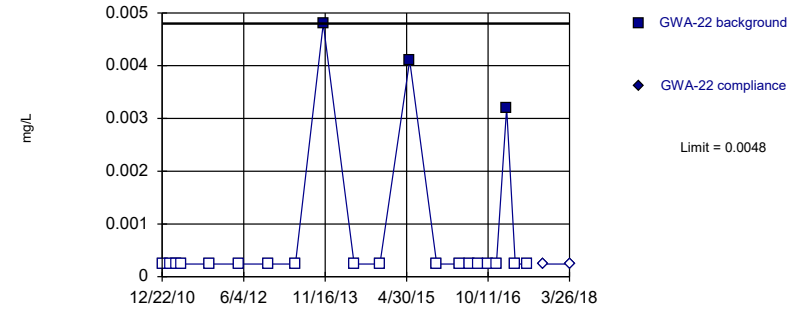


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

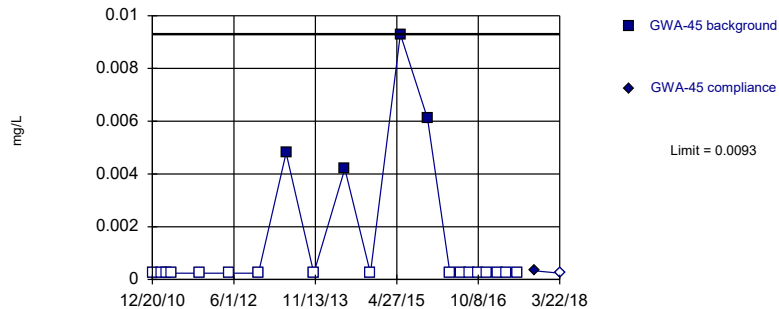


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

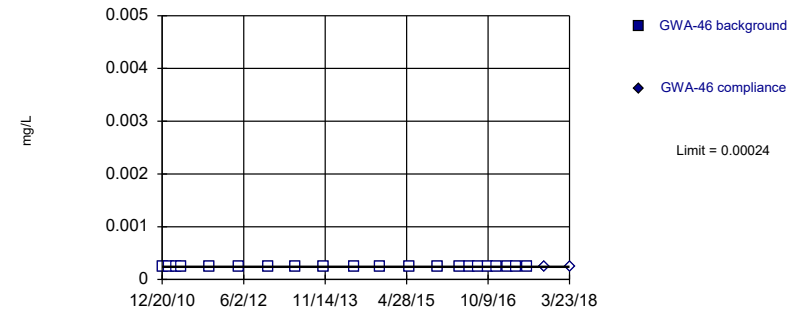


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

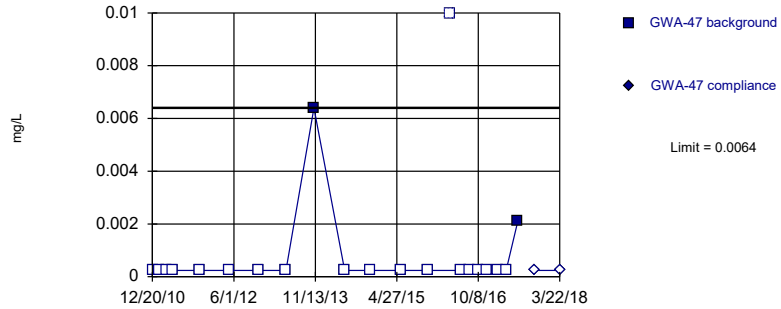


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

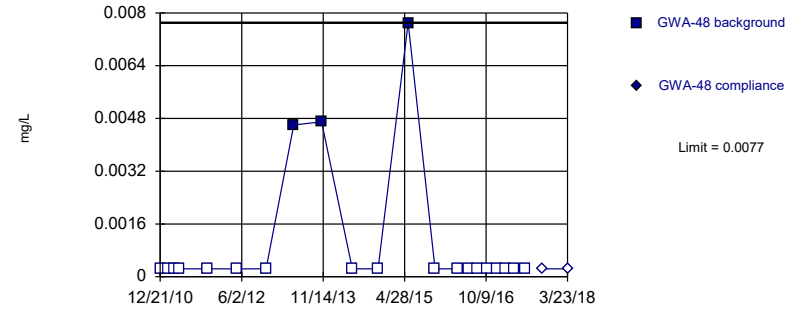


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

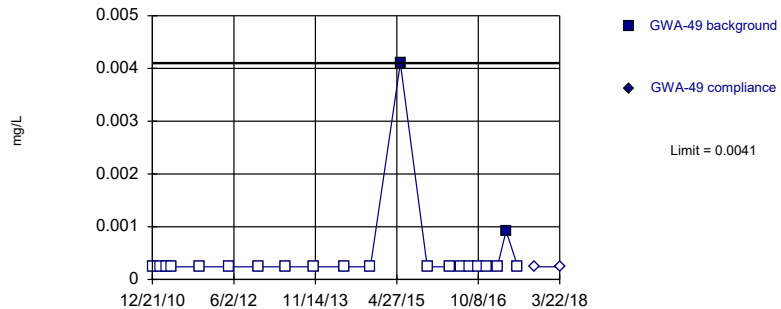


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

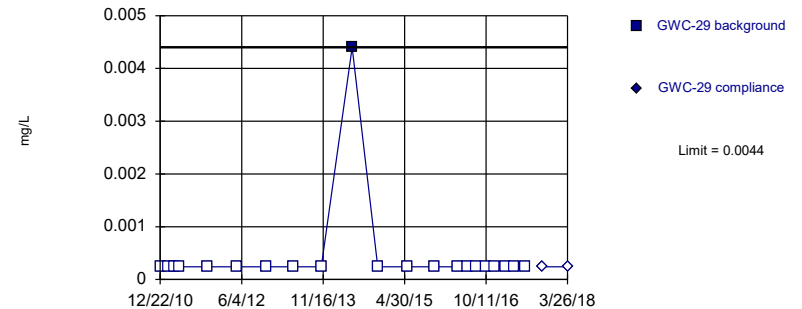


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

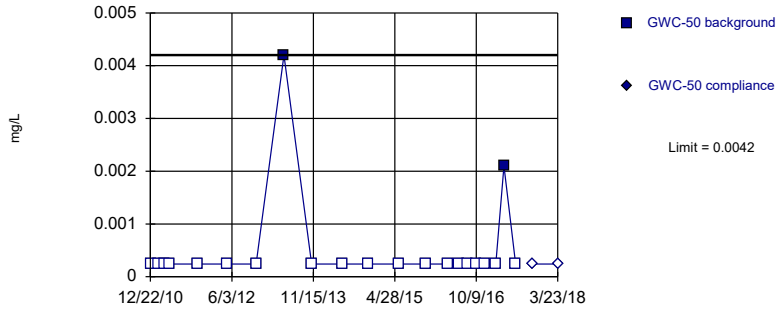


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

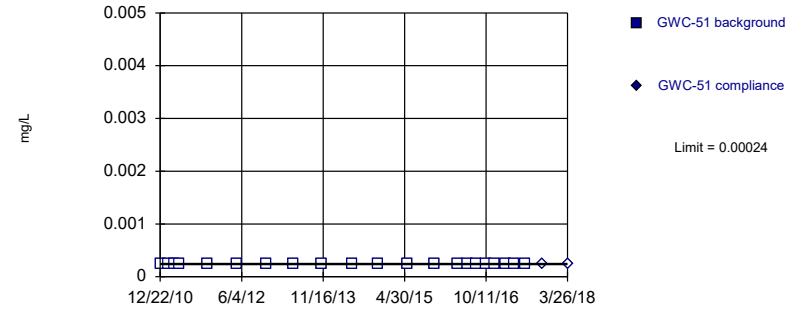


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

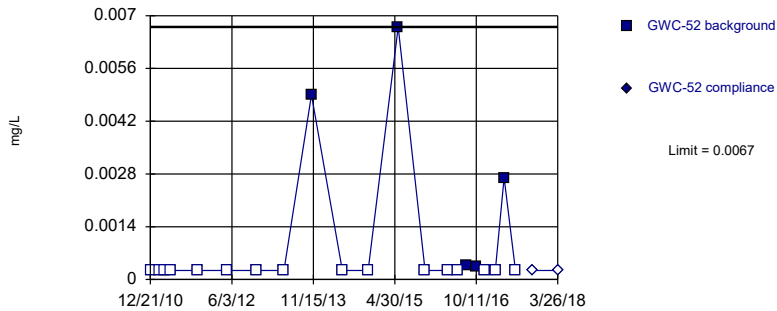


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

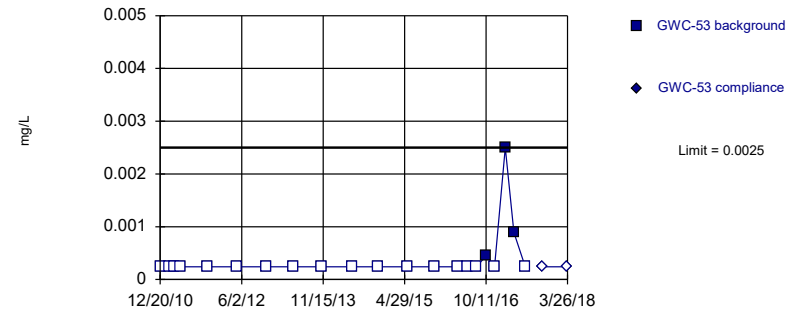


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric



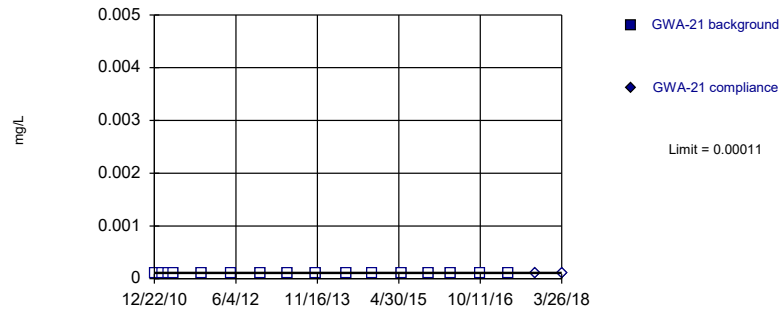
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



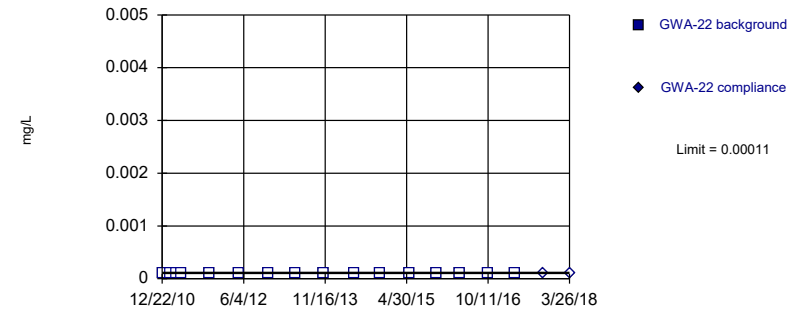
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



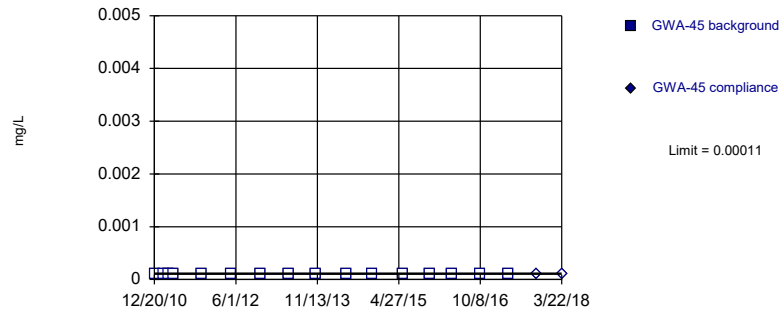
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



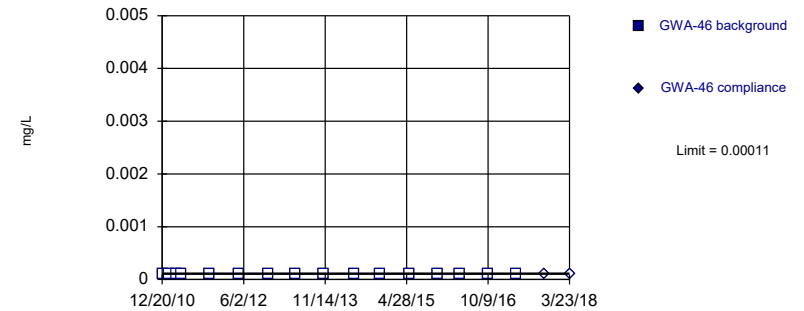
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



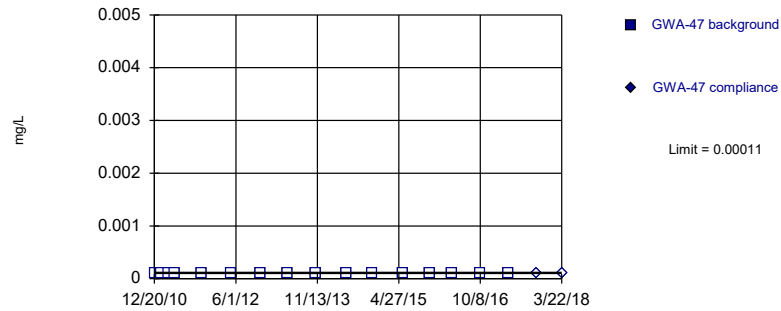
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



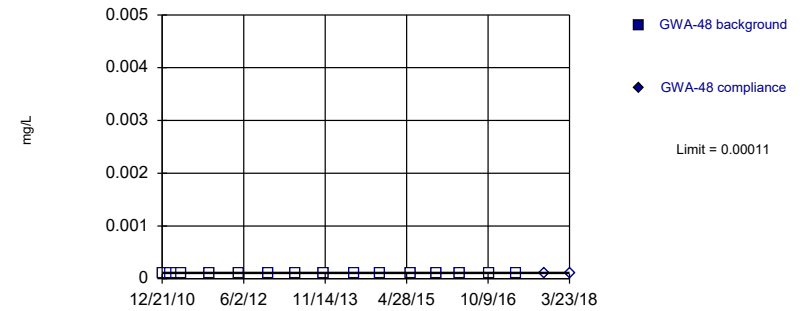
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



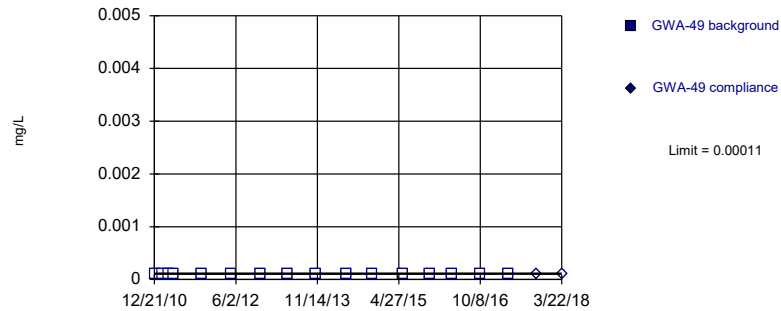
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



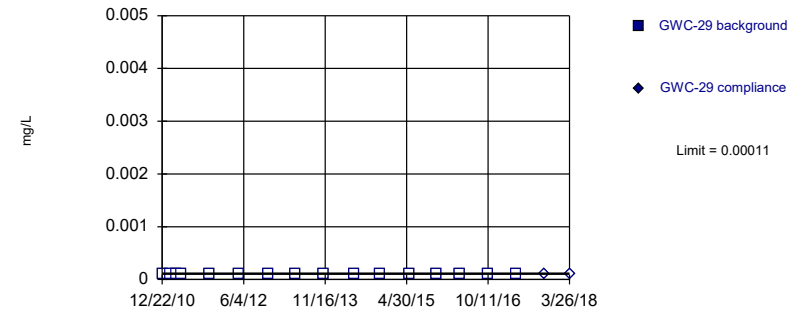
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



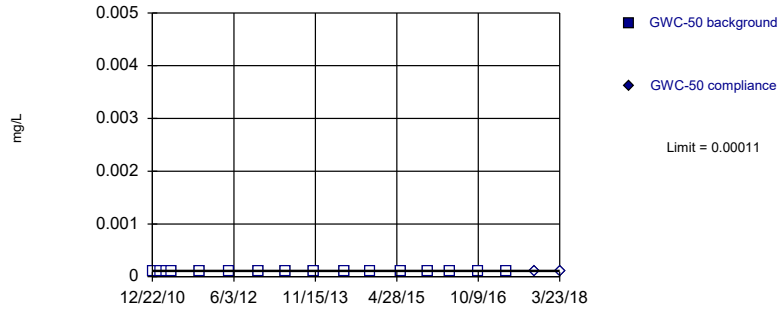
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



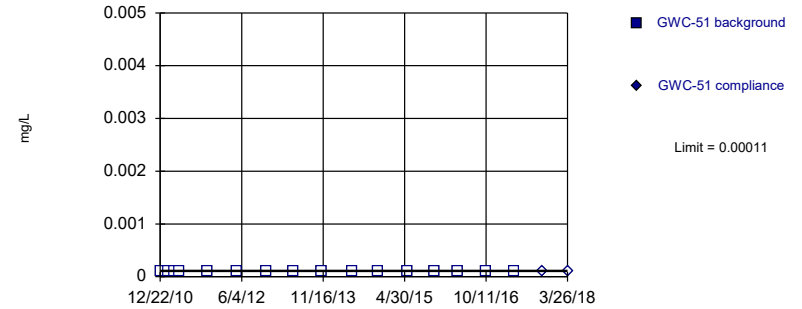
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



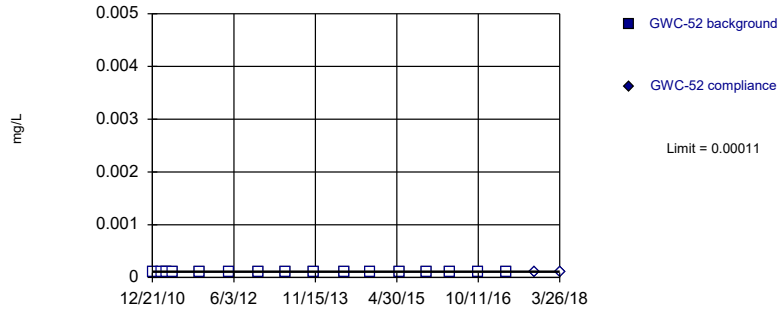
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



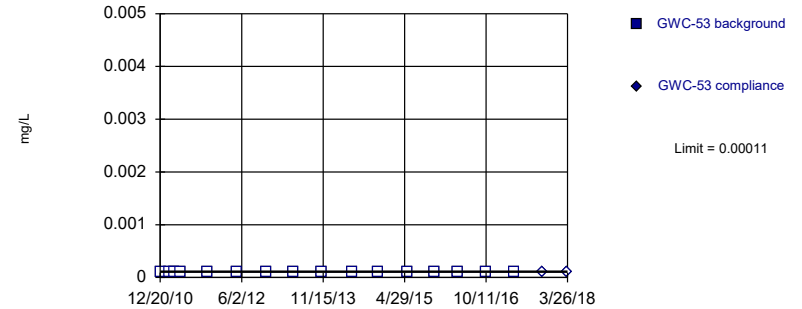
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

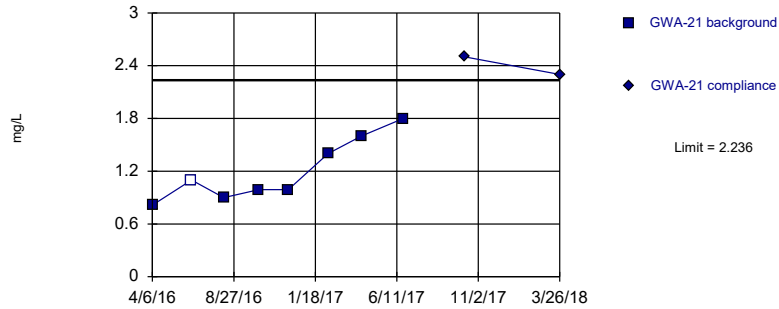


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

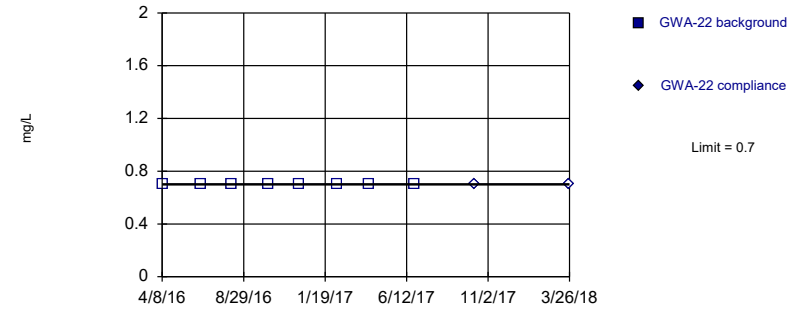


Background Data Summary: Mean=1.199, Std. Dev.=0.3582, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8949, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

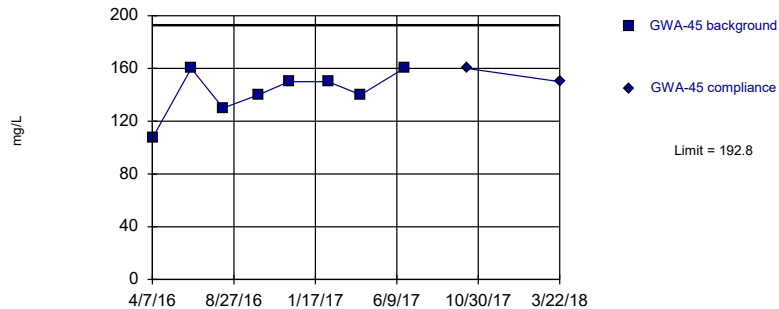


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

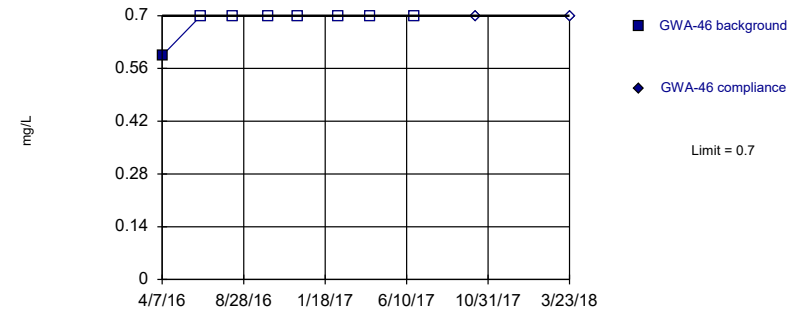


Background Data Summary: Mean=142.1, Std. Dev.=17.51, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8944, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

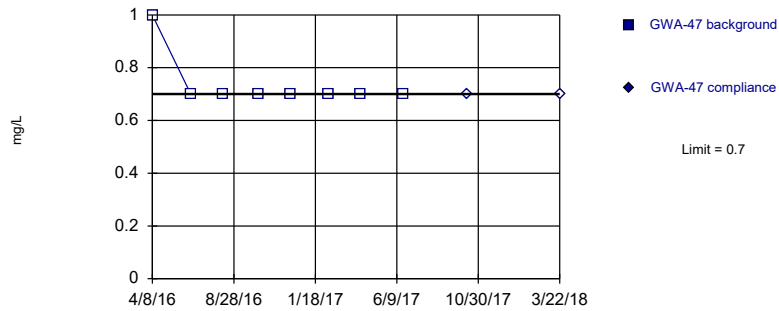


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

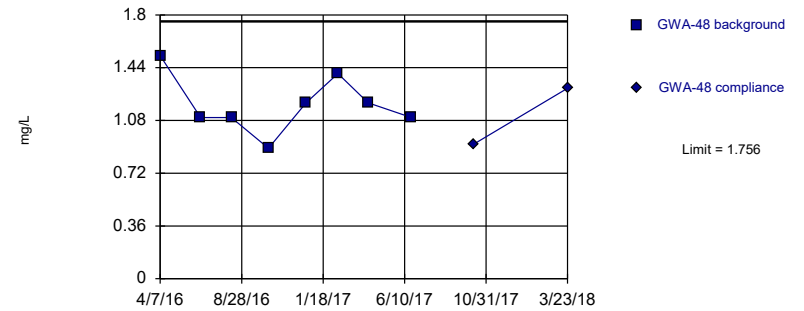


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

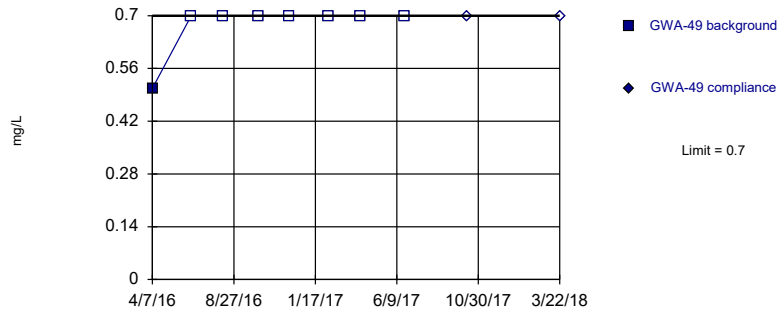


Background Data Summary: Mean=1.189, Std. Dev.=0.196, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9317, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

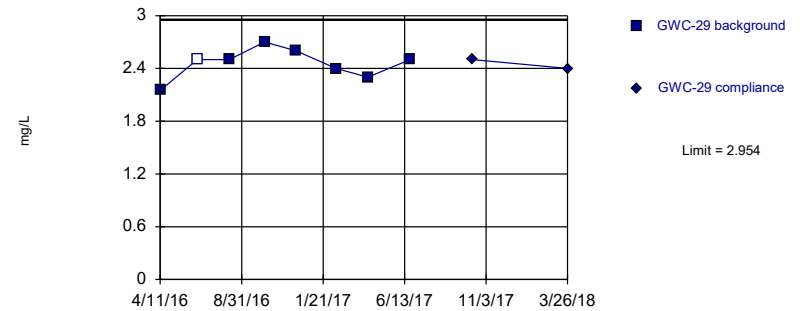


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

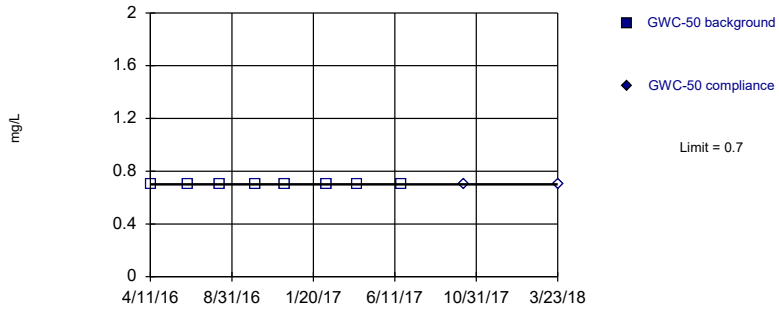
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.456, Std. Dev.=0.172, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9567, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

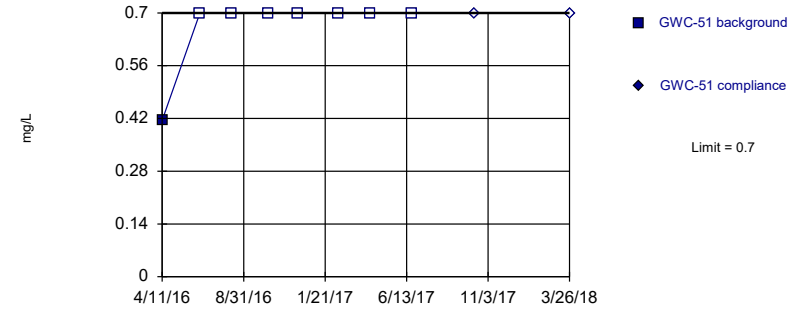
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

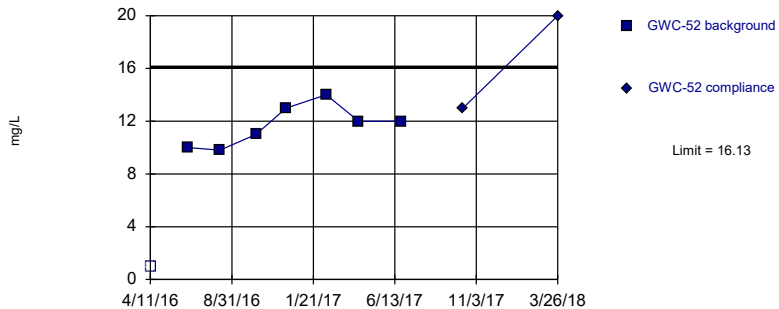
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

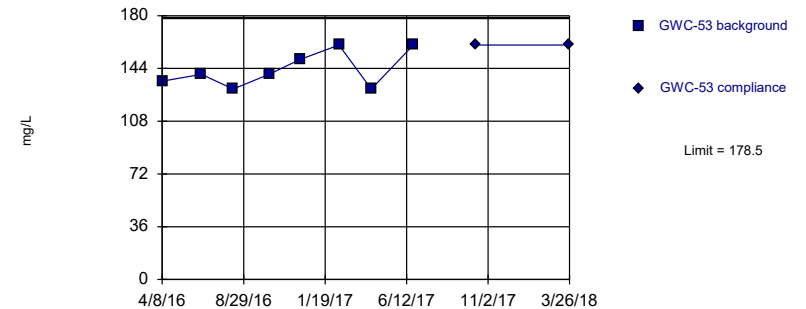
Exceeds Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=11.69, Std. Dev.=1.536, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9505, critical = 0.73. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric

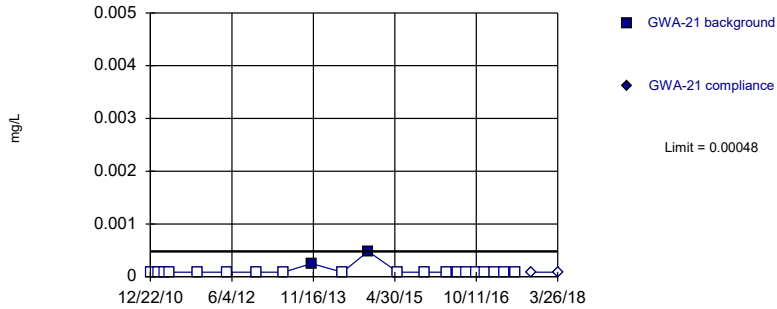


Background Data Summary: Mean=143.2, Std. Dev.=12.2, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.876, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

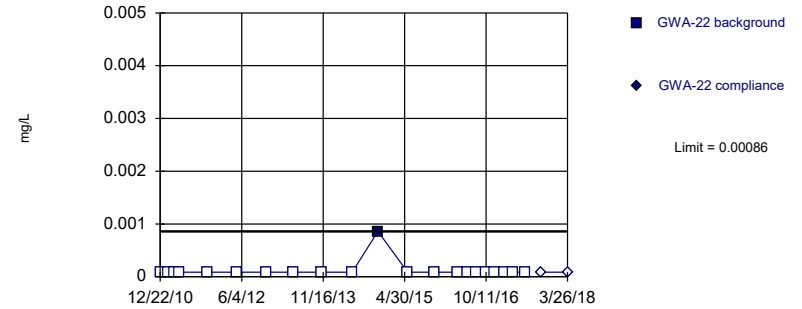


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

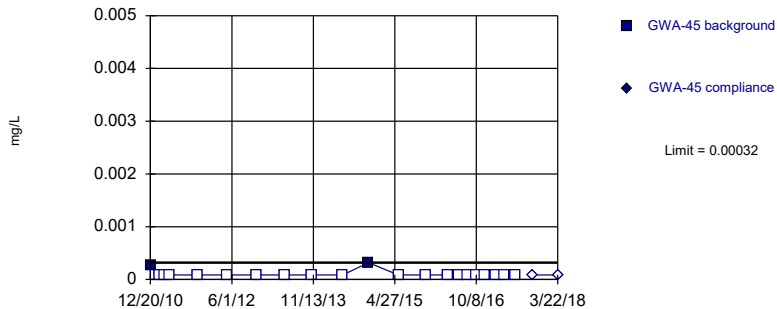


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

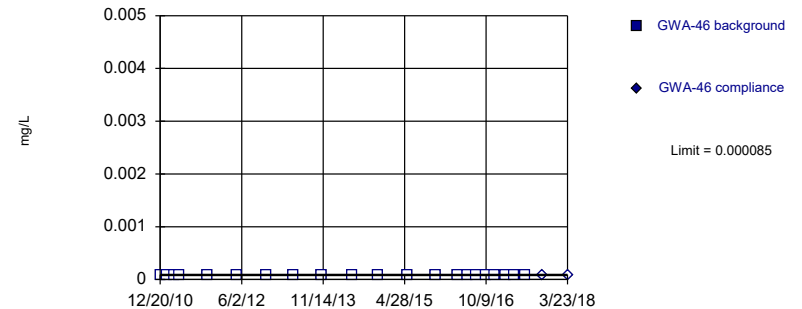


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric



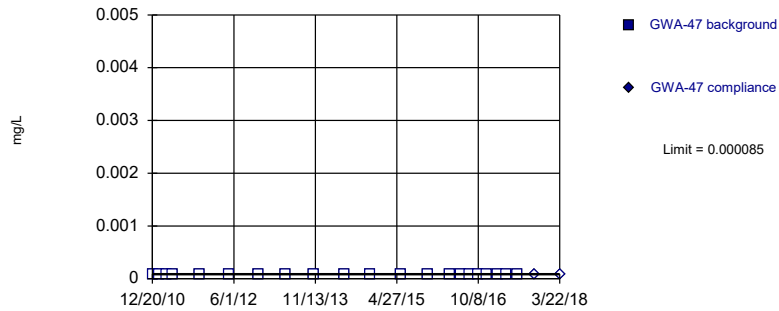
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



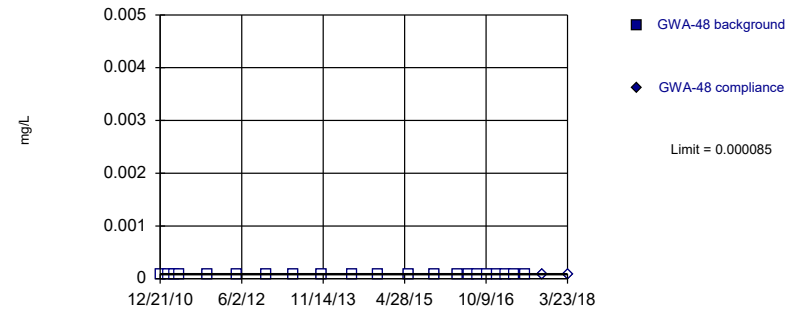
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



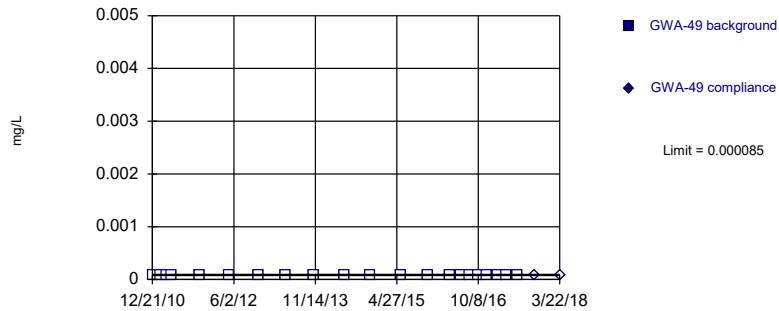
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



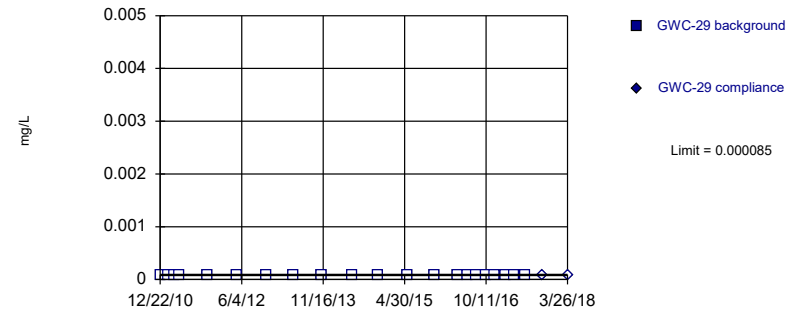
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



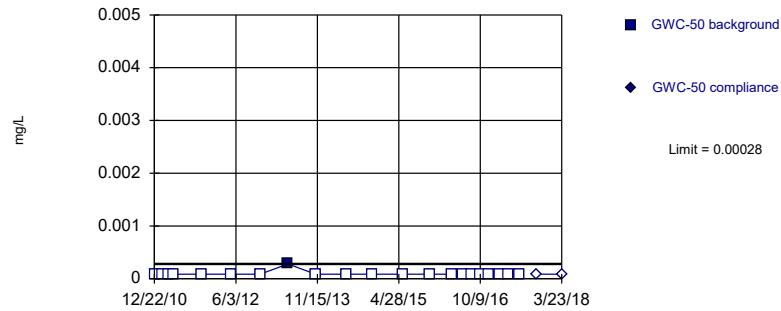
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



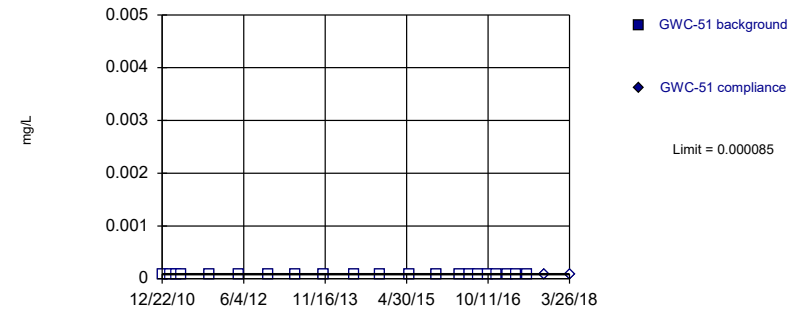
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



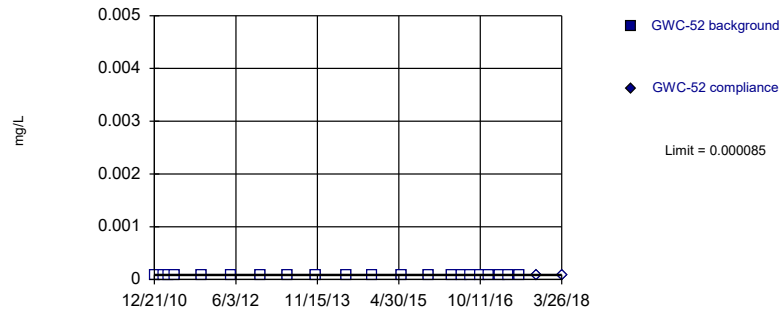
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



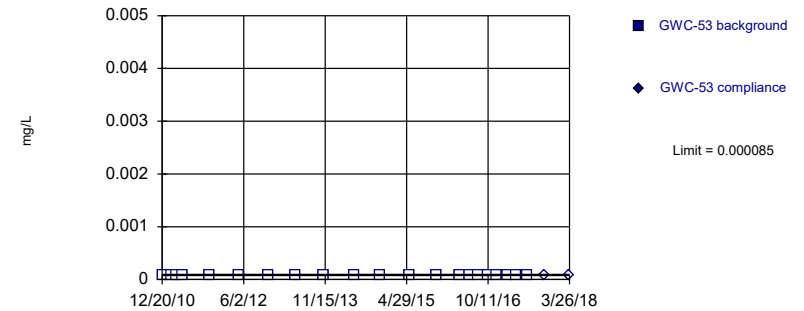
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
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Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

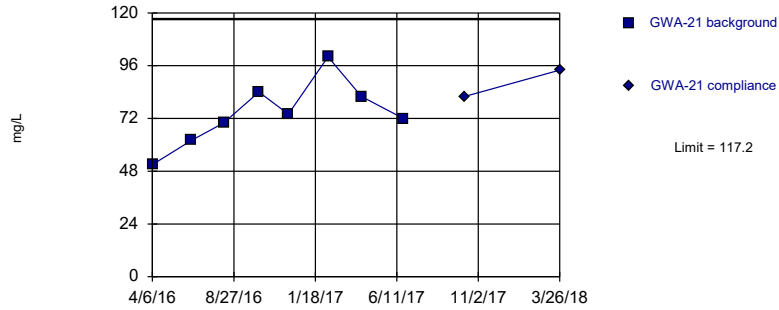
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium, Total Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

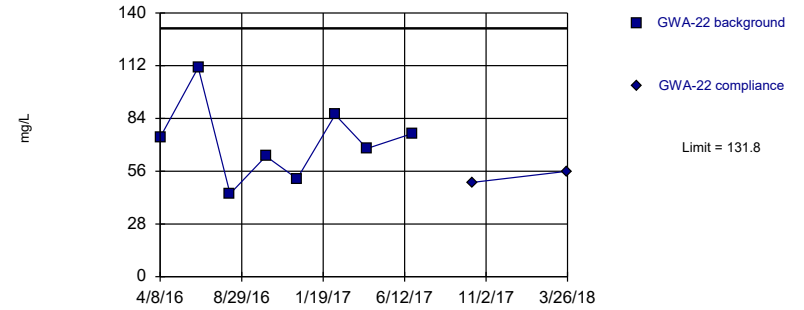
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=74.38, Std. Dev.=14.79, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9837, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

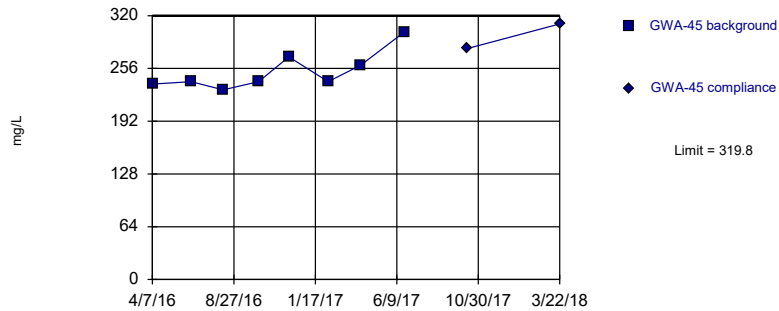
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=71.88, Std. Dev.=20.7, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9622, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

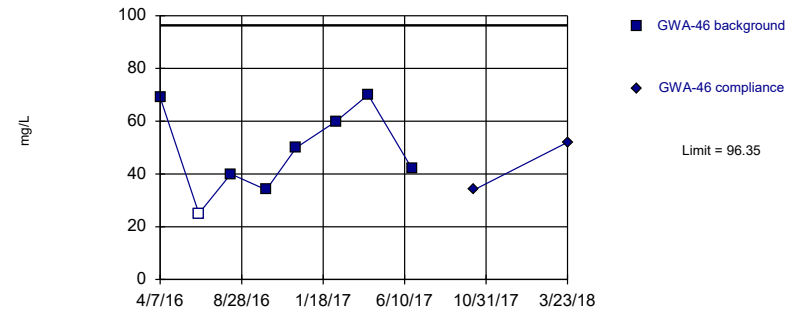
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=252.1, Std. Dev.=23.4, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8267, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

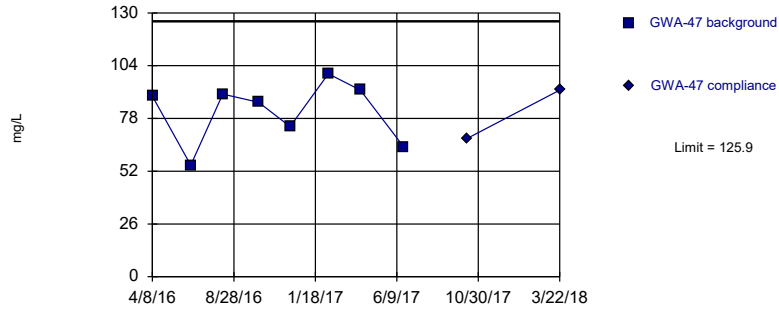
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=48.75, Std. Dev.=16.45, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9424, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

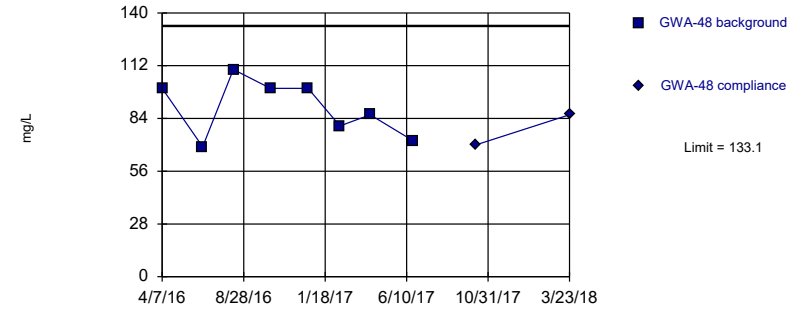
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=81.25, Std. Dev.=15.42, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9156, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

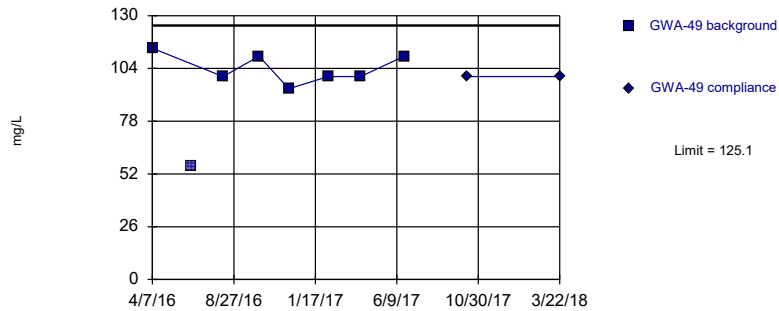
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=89.63, Std. Dev.=15.02, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9113, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

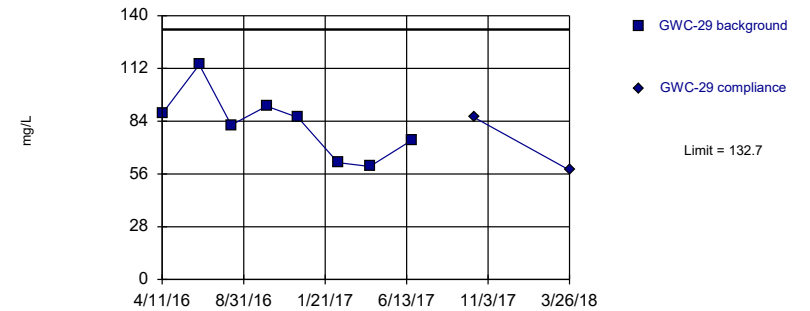
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=104, Std. Dev.=7.303, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8923, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

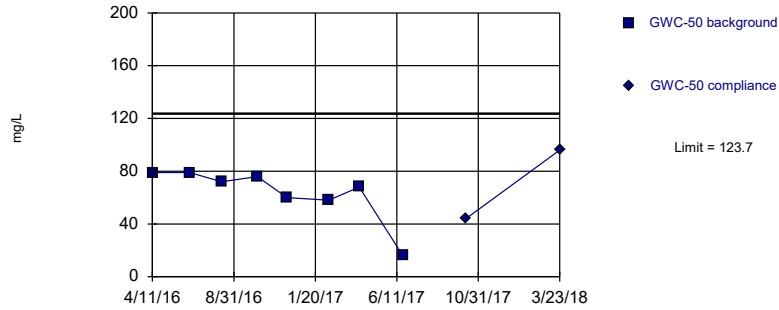
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=82.25, Std. Dev.=17.42, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9467, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

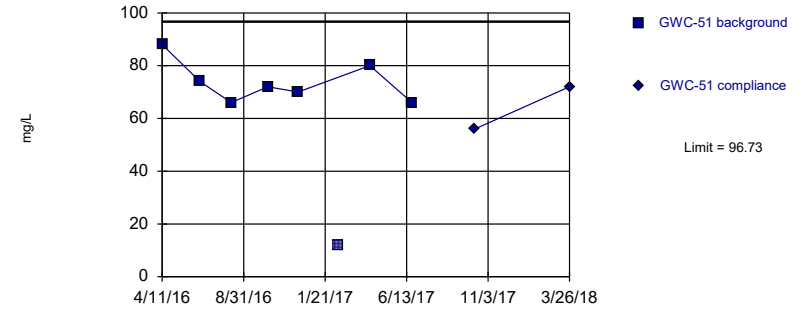
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=63.5, Std. Dev.=20.8, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7541, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:27 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

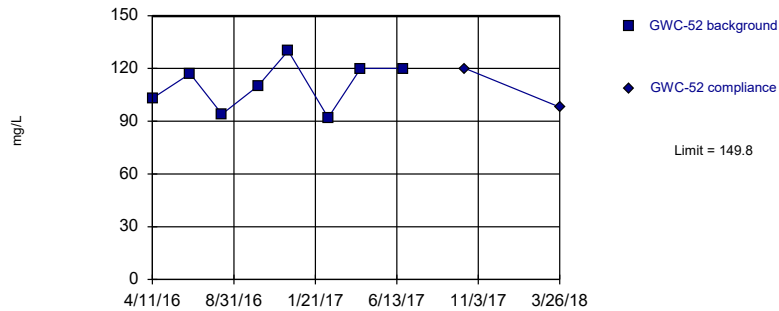
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=73.71, Std. Dev.=7.952, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9036, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

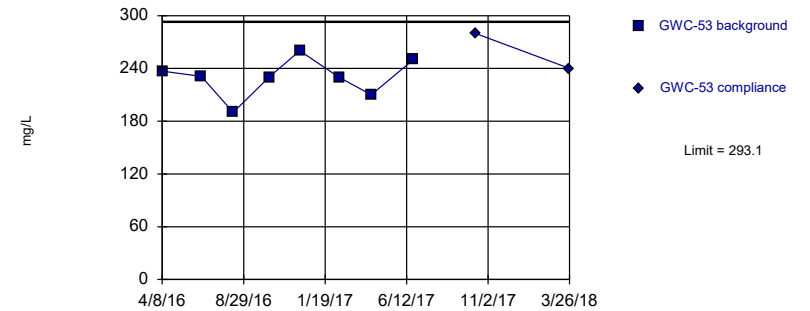
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=110.8, Std. Dev.=13.49, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.939, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric

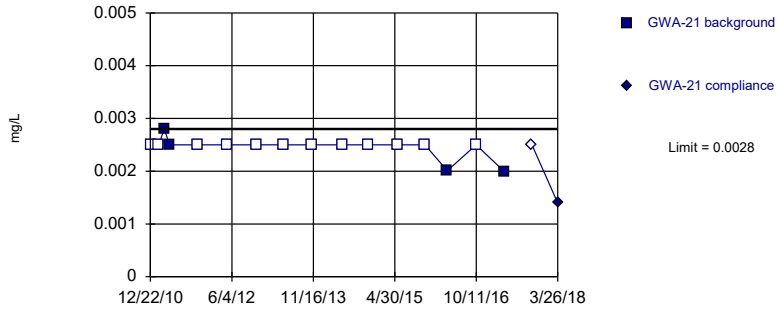


Background Data Summary: Mean=229.8, Std. Dev.=21.87, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9462, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

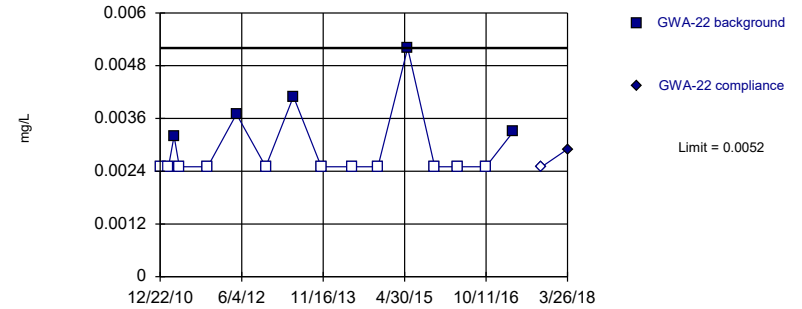


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

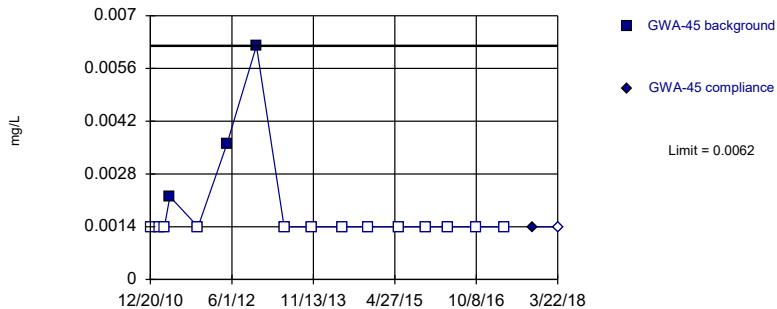


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

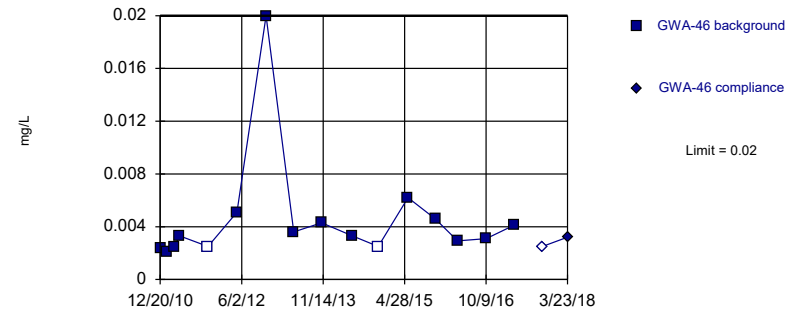


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

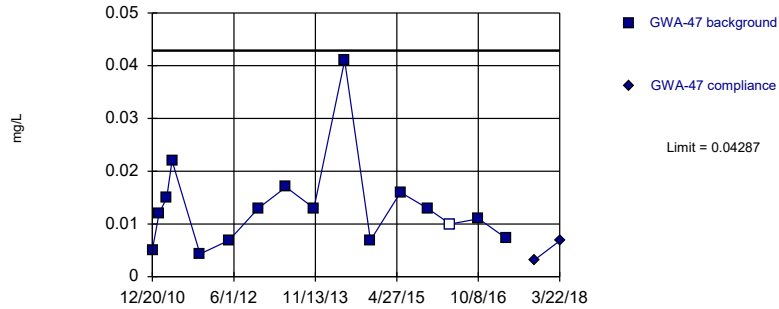


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 12.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

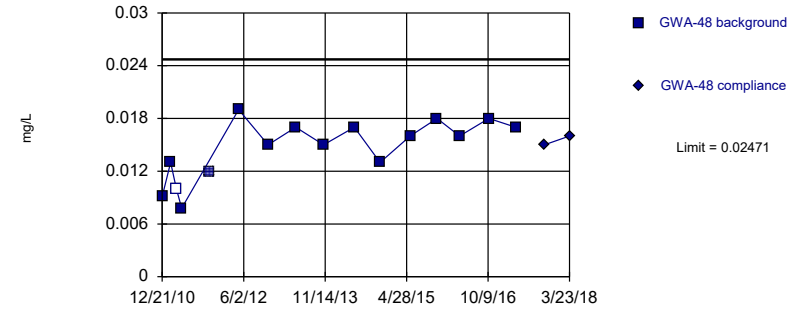


Background Data Summary (based on square root transformation): Mean=0.1109, Std. Dev.=0.03321, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9038, critical = 0.844. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

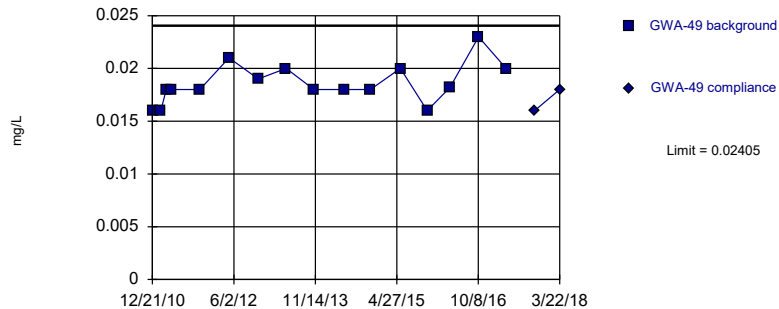


Background Data Summary: Mean=0.01473, Std. Dev.=0.003449, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8964, critical = 0.835. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

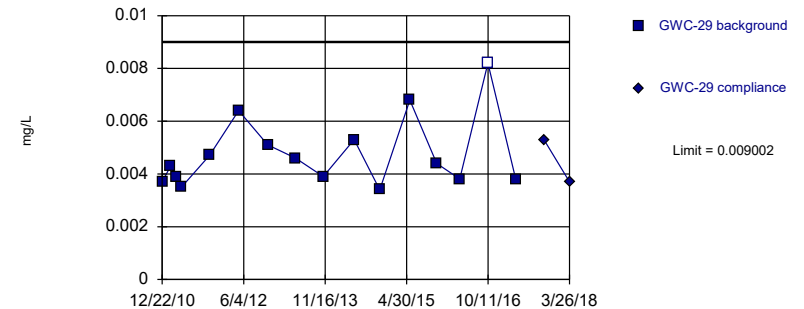


Background Data Summary: Mean=0.01858, Std. Dev.=0.001893, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.907, critical = 0.844. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

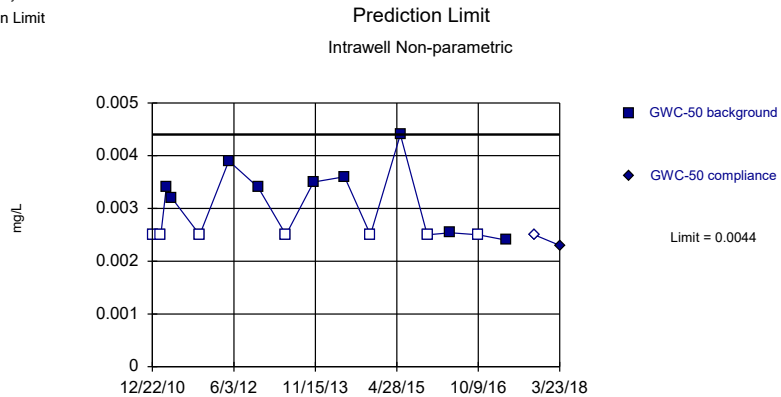


Background Data Summary (based on square root transformation): Mean=0.06826, Std. Dev.=0.009199, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8744, critical = 0.844. Kappa overridden to 2.894.

Constituent: Vanadium, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

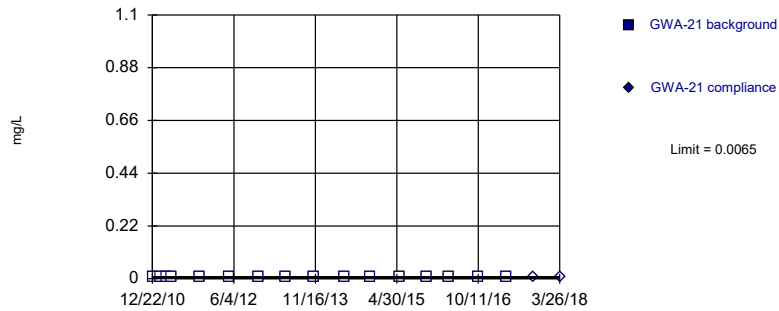
Sanitas™ v.9.5.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit



Within Limit

Prediction Limit
Intrawell Non-parametric

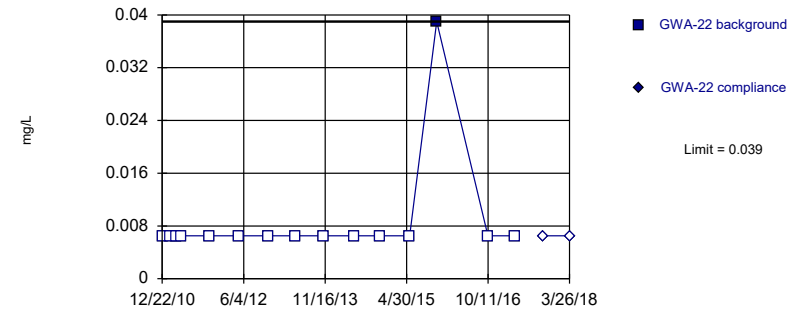


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

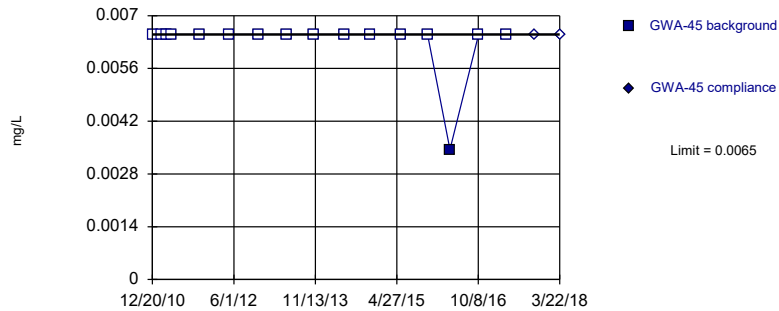


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

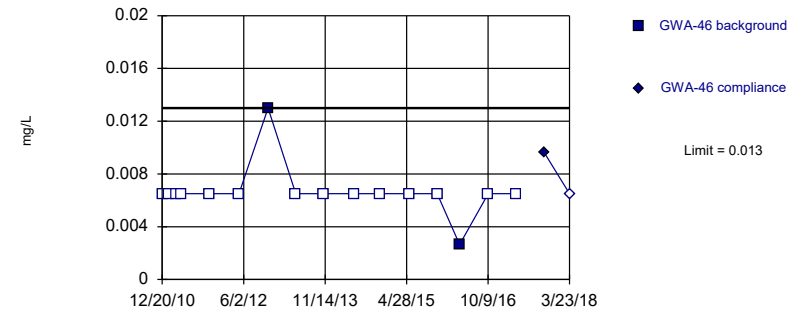


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

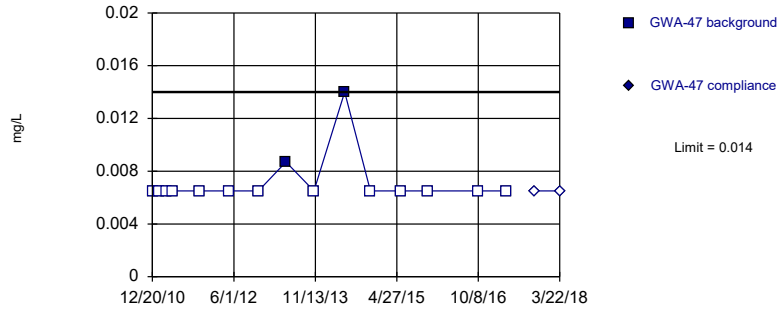


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

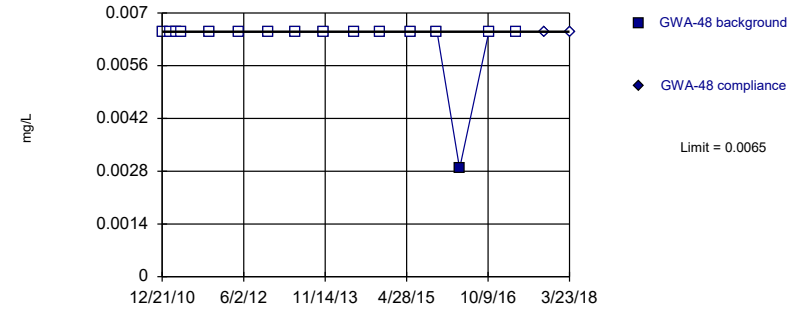


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

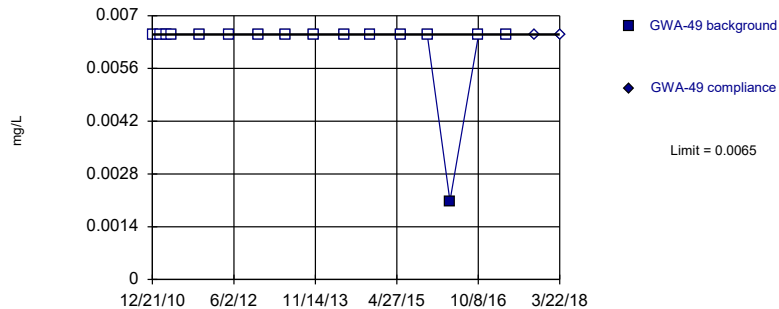


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

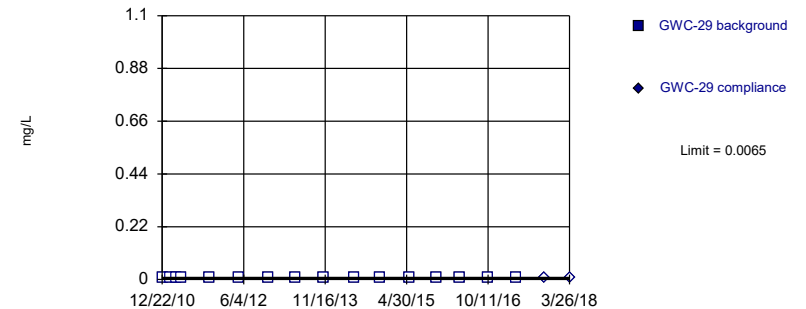


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

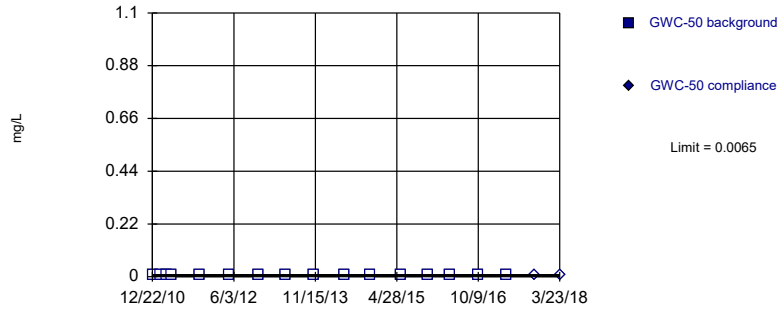
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

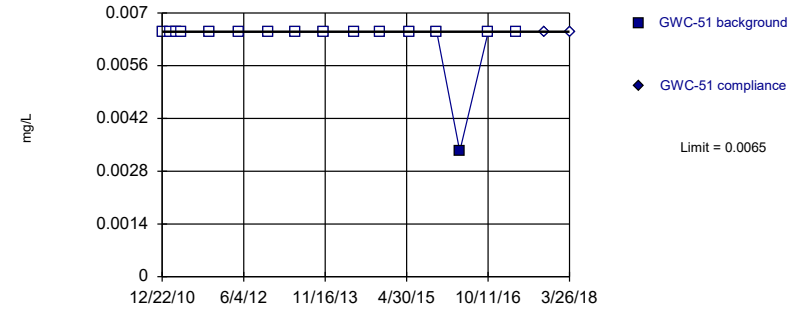
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

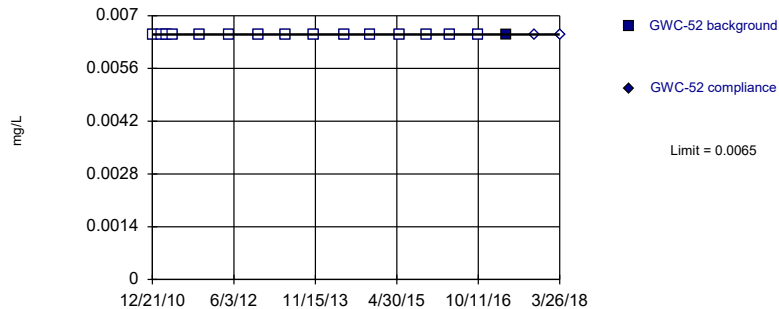
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

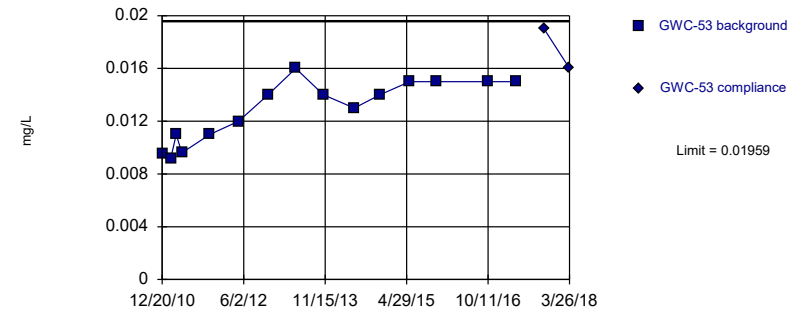
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

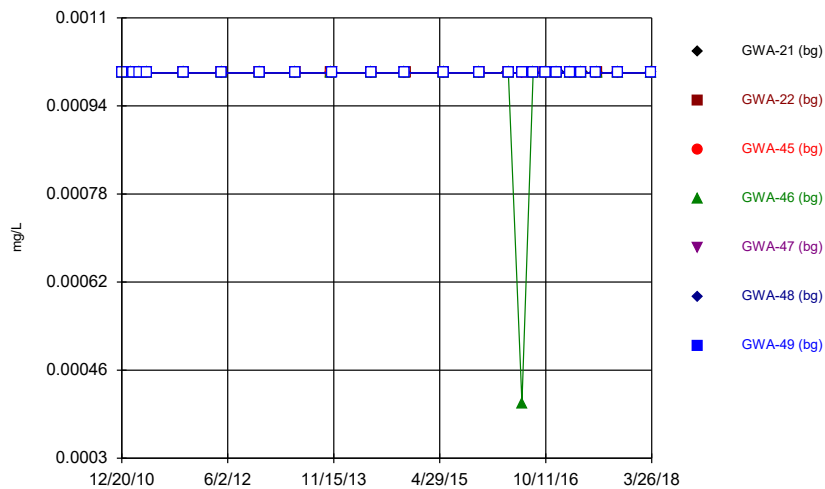
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01289, Std. Dev.=0.002315, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8913, critical = 0.835. Kappa overridden to 2.894.

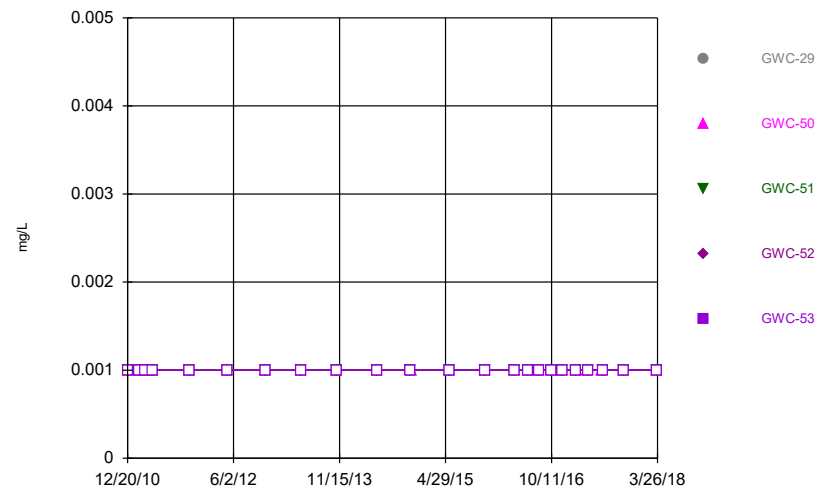
Constituent: Zinc, Total Analysis Run 6/29/2018 1:28 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



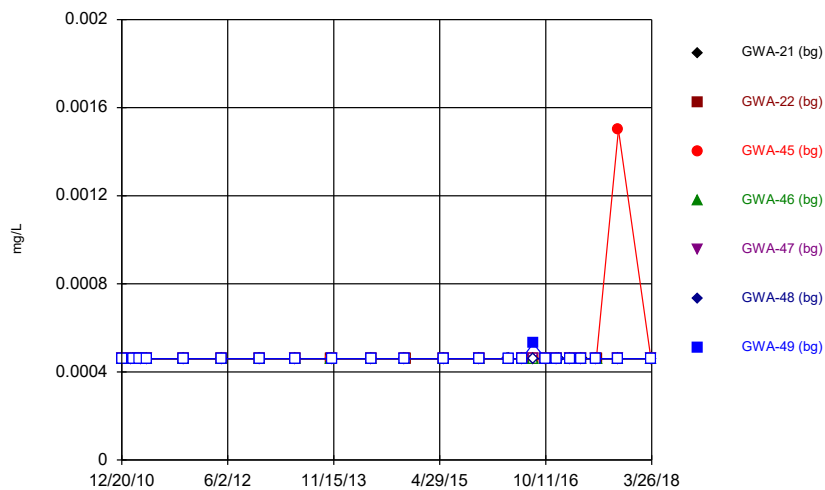
Constituent: Antimony, Total Analysis Run 6/29/2018 1:32 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



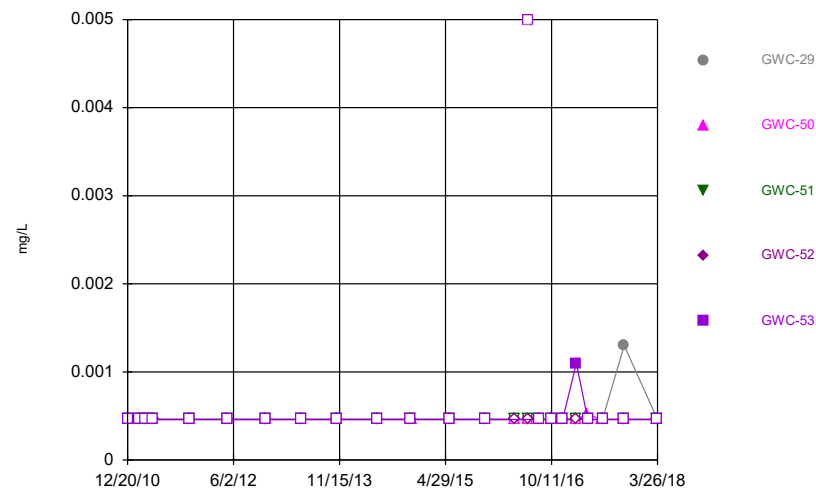
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



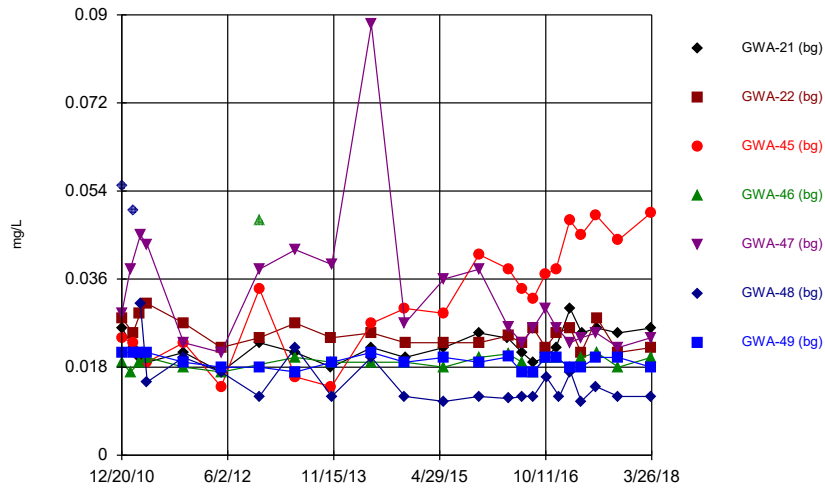
Constituent: Arsenic, Total Analysis Run 6/29/2018 1:32 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



Constituent: Arsenic, Total Analysis Run 6/29/2018 1:32 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

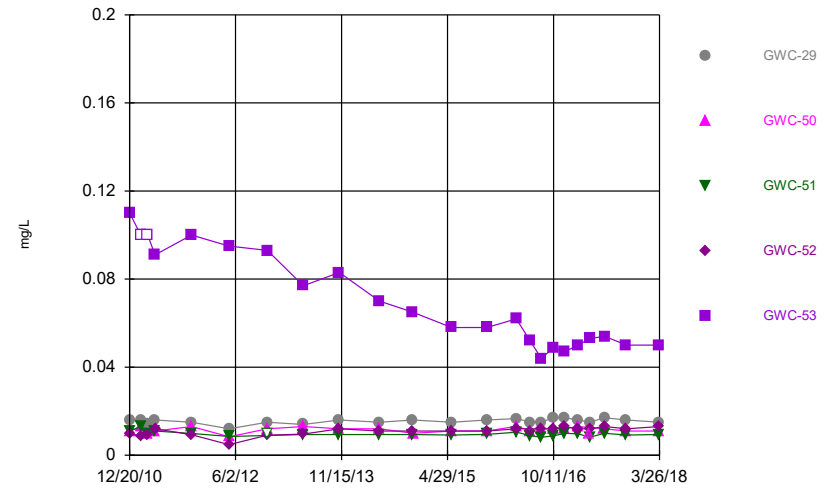
Time Series



Constituent: Barium, Total Analysis Run 6/29/2018 1:32 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

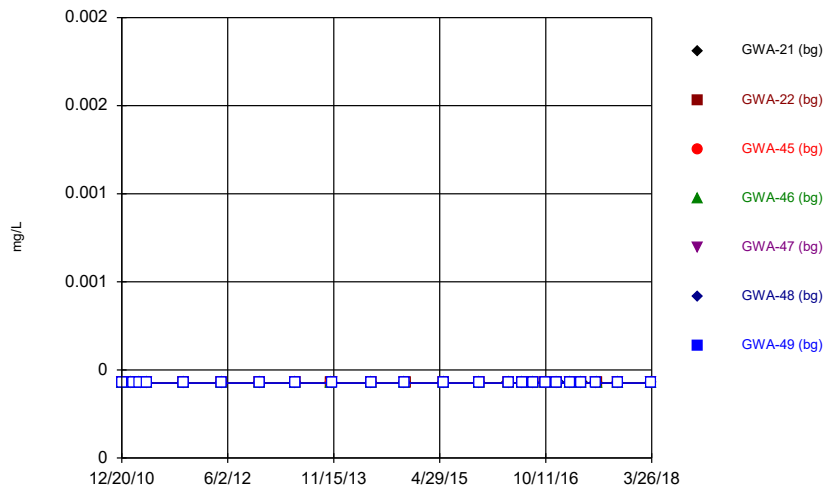
Time Series



Constituent: Barium, Total Analysis Run 6/29/2018 1:32 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

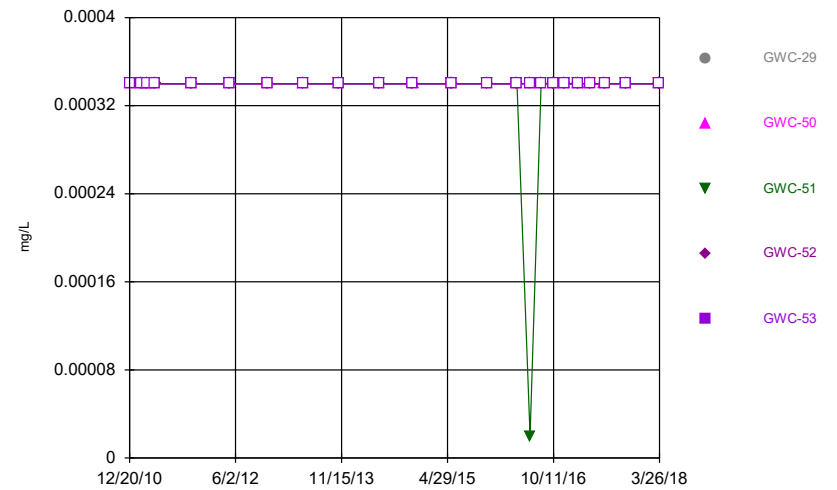
Time Series



Constituent: Beryllium, Total Analysis Run 6/29/2018 1:32 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

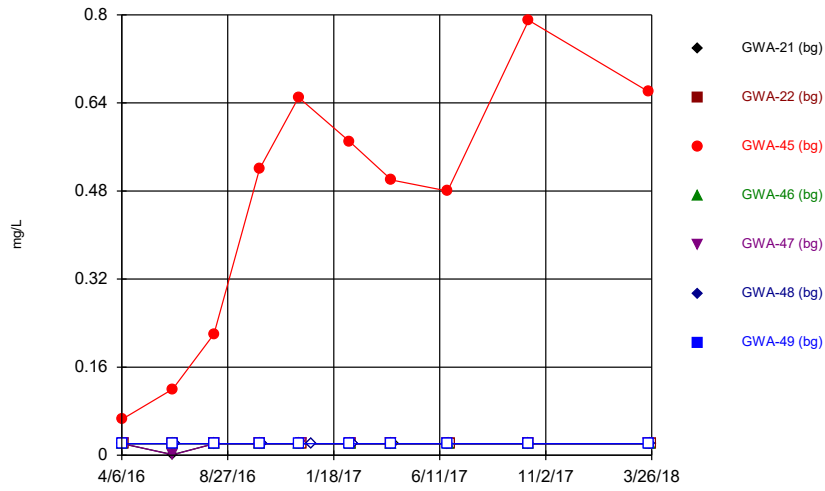
Hollow symbols indicate censored values.

Time Series



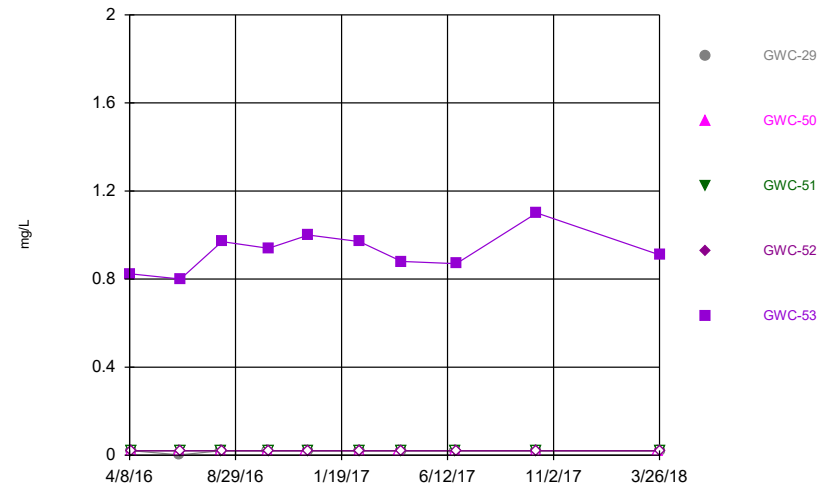
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 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



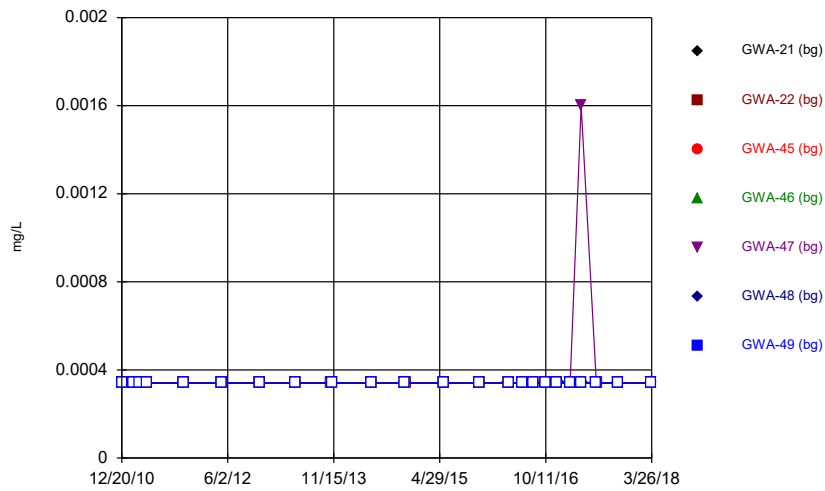
Constituent: Boron Analysis Run 6/29/2018 1:32 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



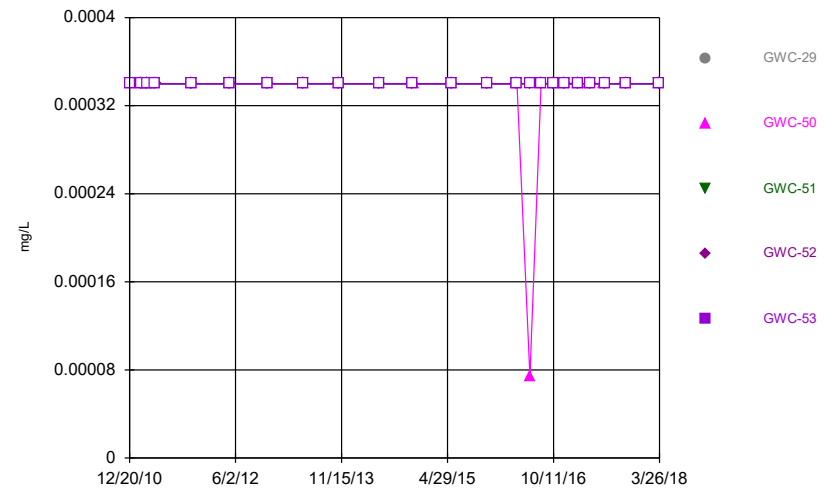
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



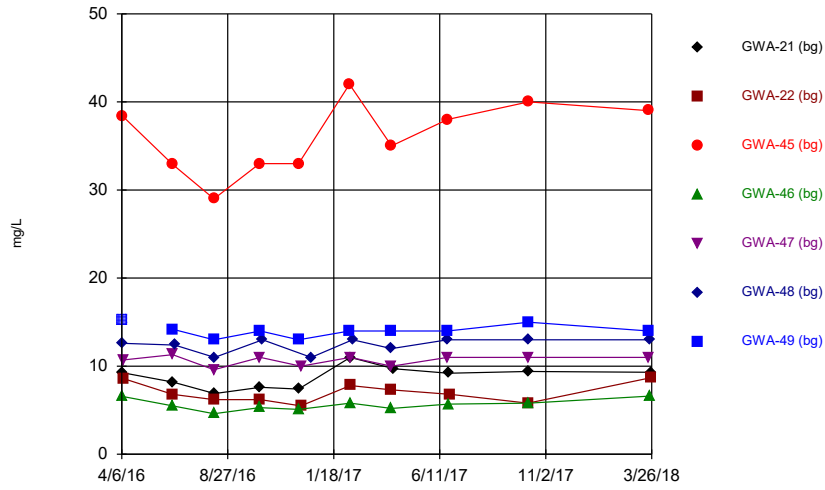
Constituent: Cadmium, Total Analysis Run 6/29/2018 1:32 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



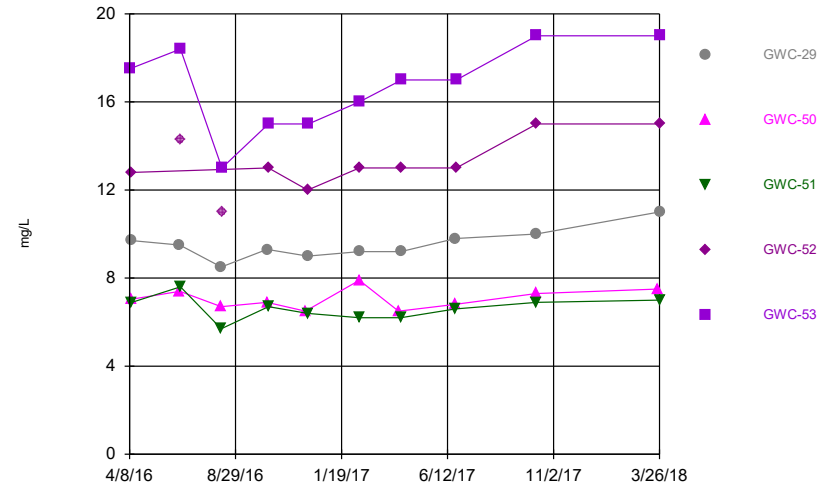
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



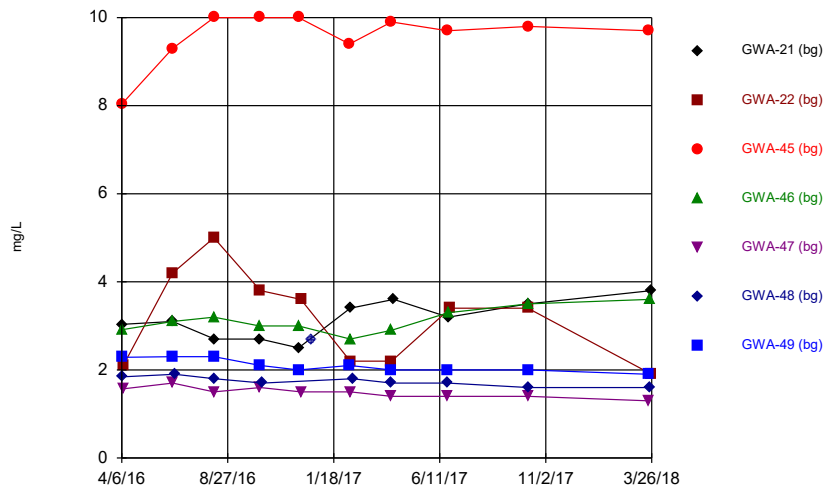
Constituent: Calcium Analysis Run 6/29/2018 1:32 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



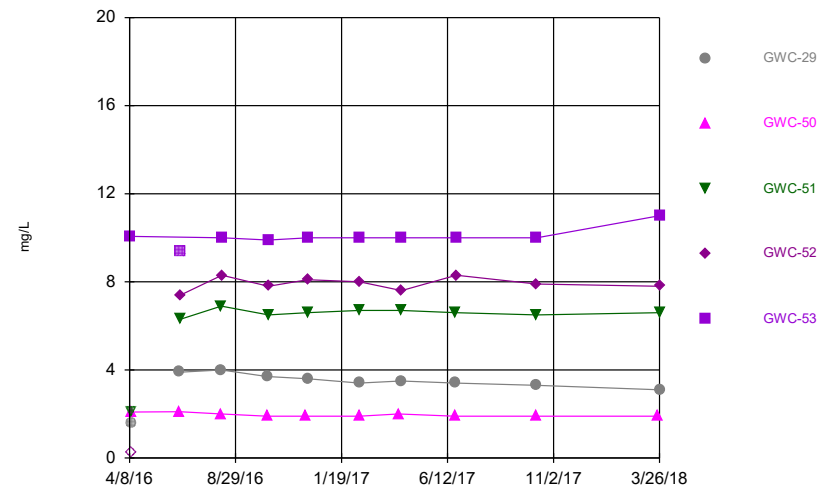
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 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



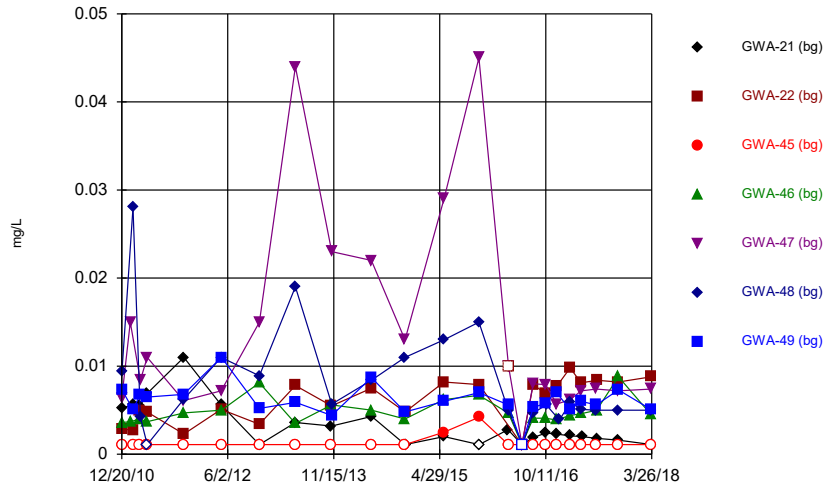
Constituent: Chloride Analysis Run 6/29/2018 1:32 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



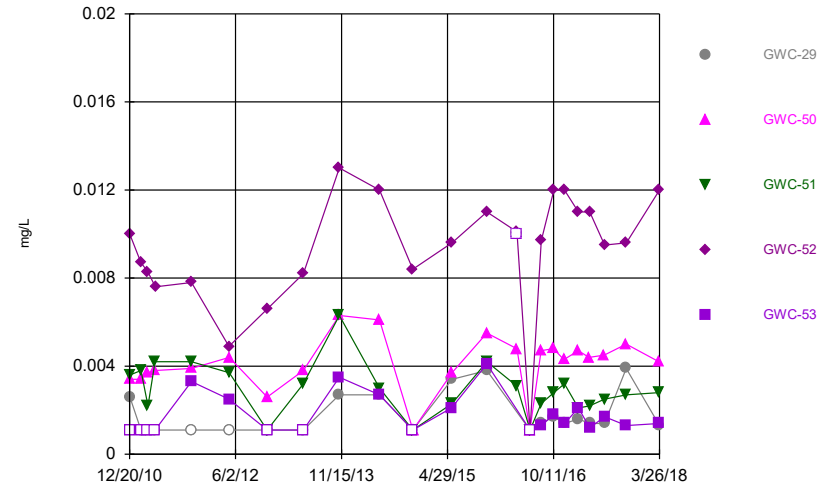
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 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



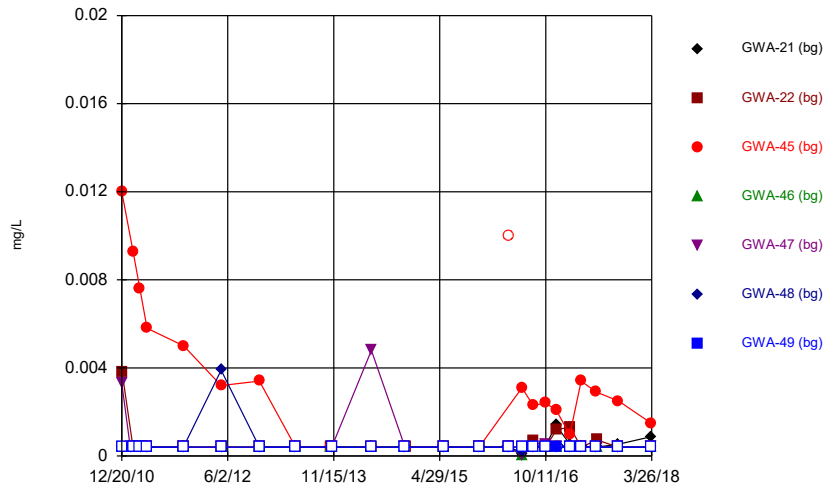
Constituent: Chromium, Total Analysis Run 6/29/2018 1:32 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



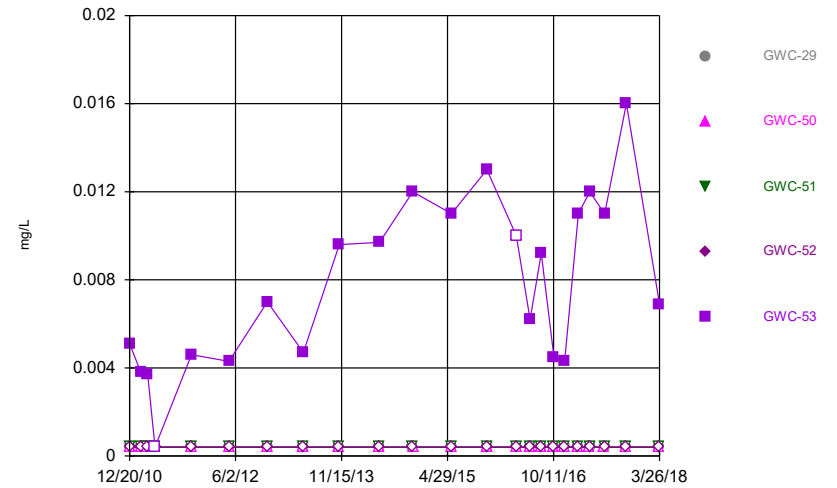
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



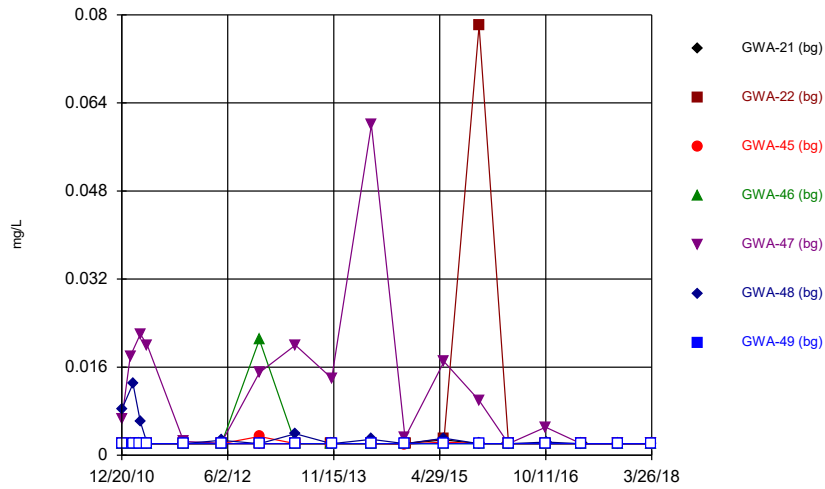
Constituent: Cobalt, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



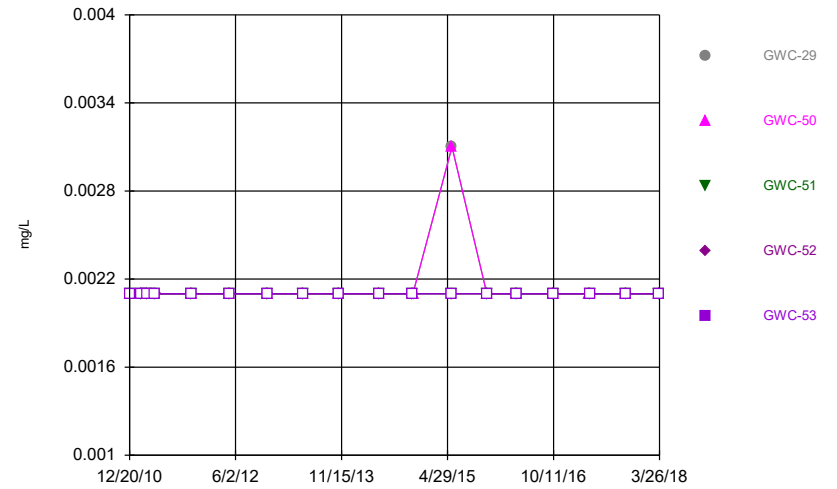
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



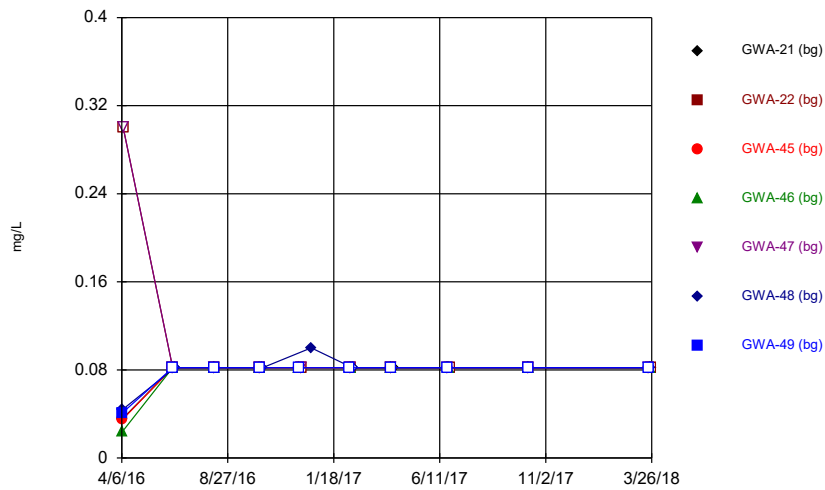
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



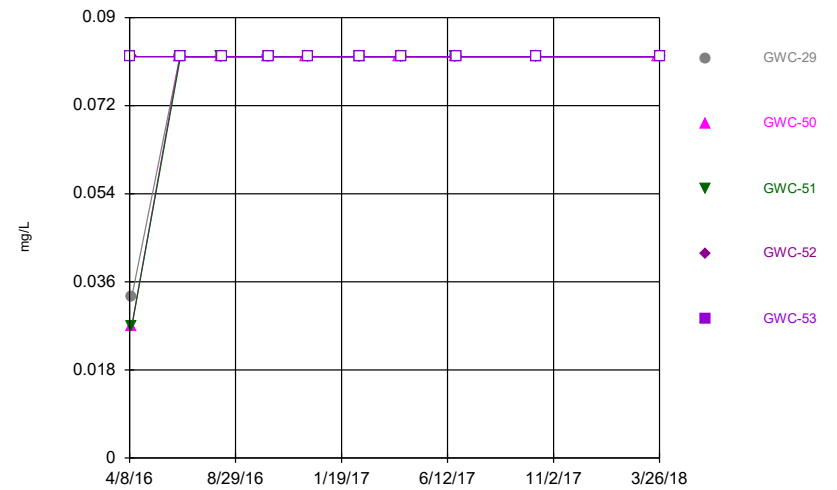
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



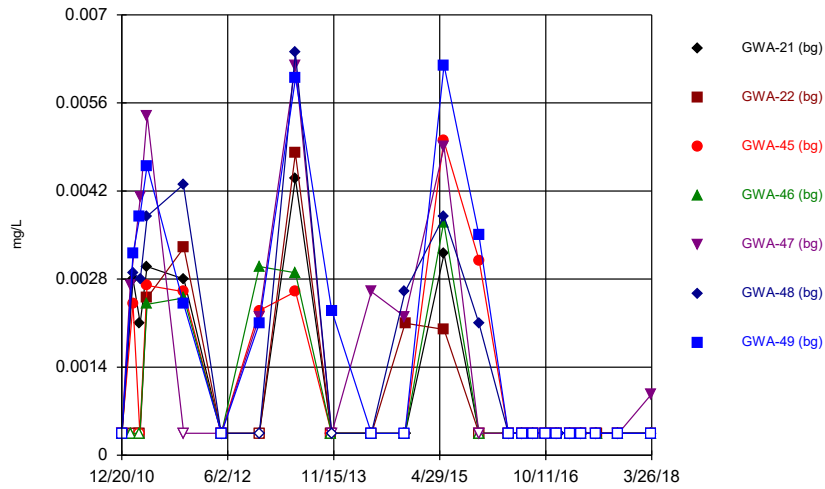
Constituent: Fluoride Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



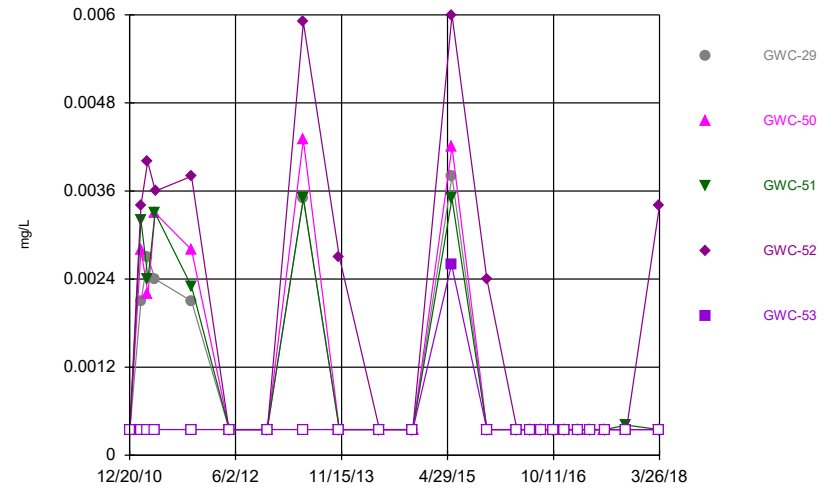
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Time Series



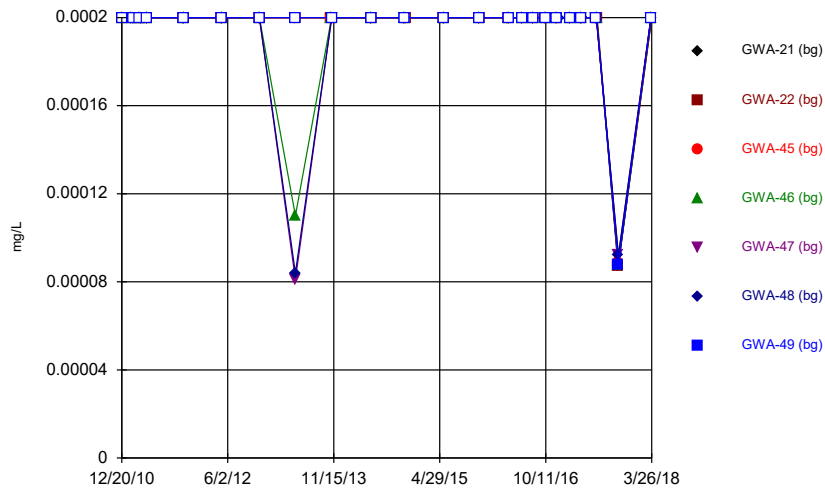
Constituent: Lead, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



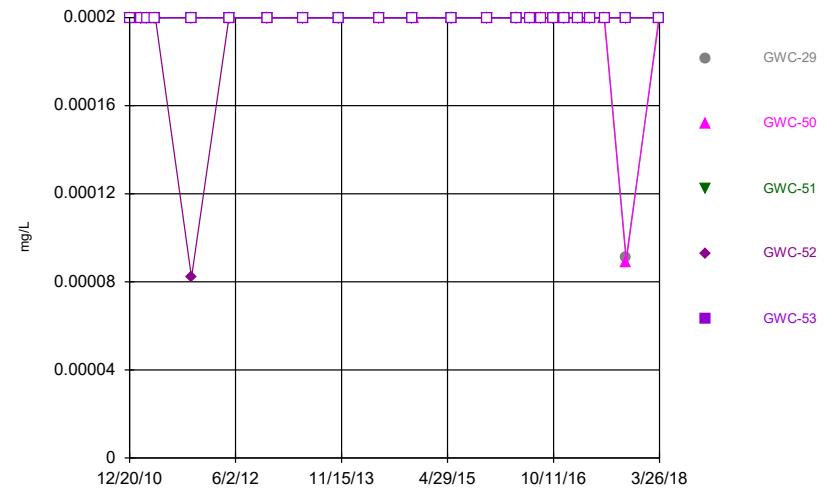
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



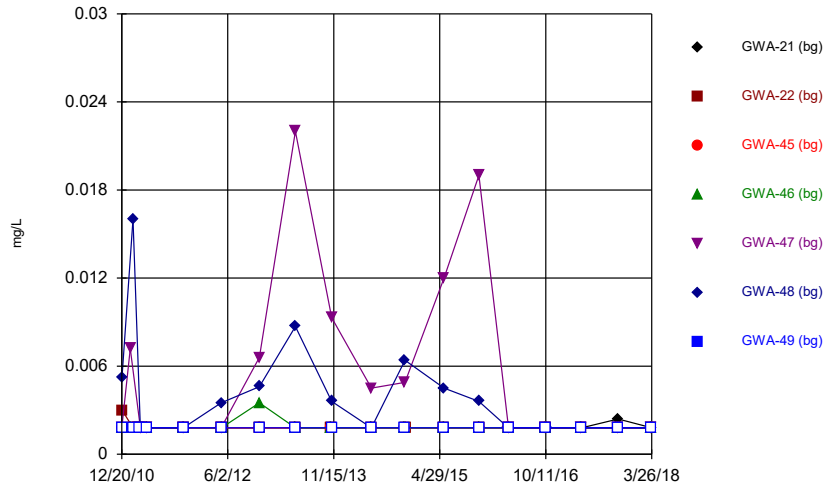
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



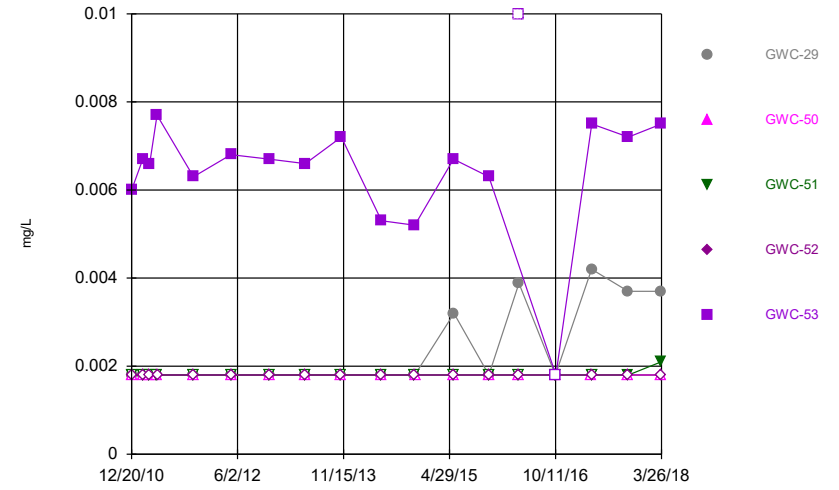
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



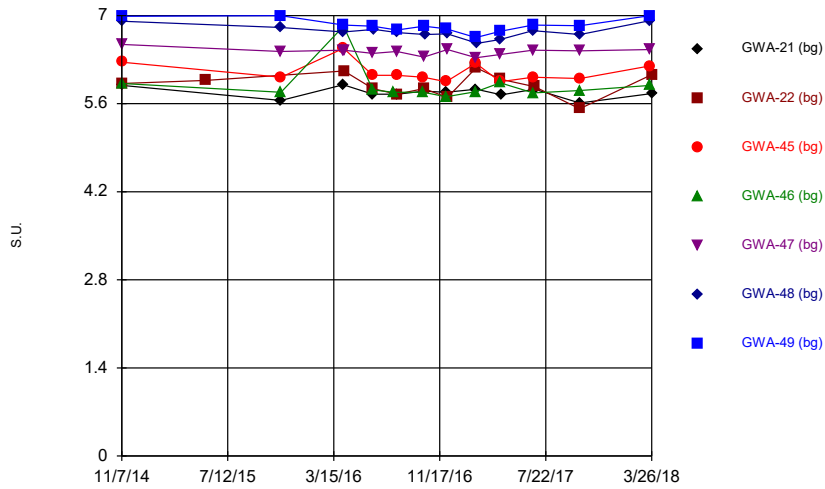
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



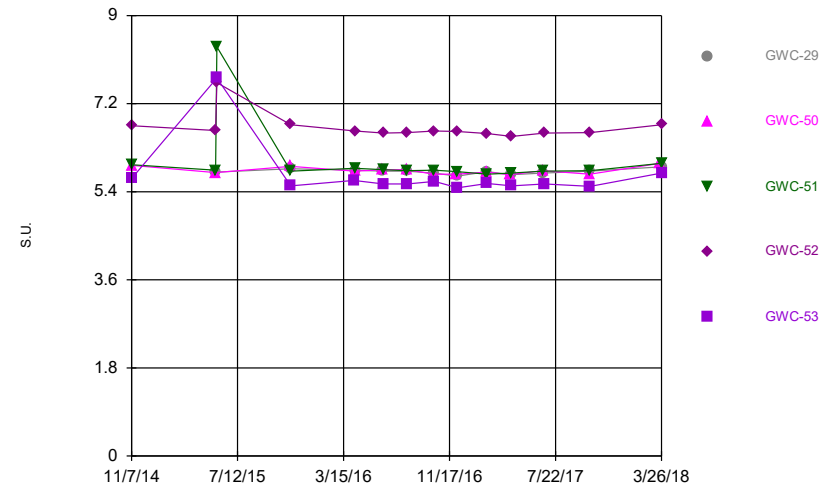
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



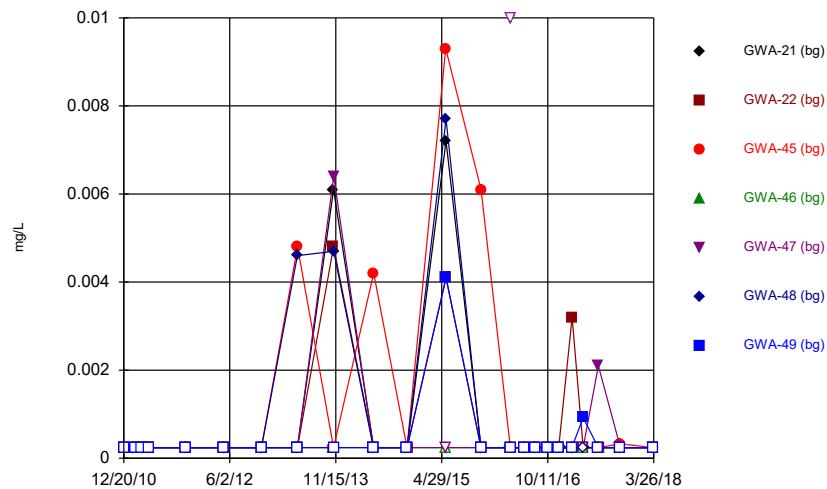
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



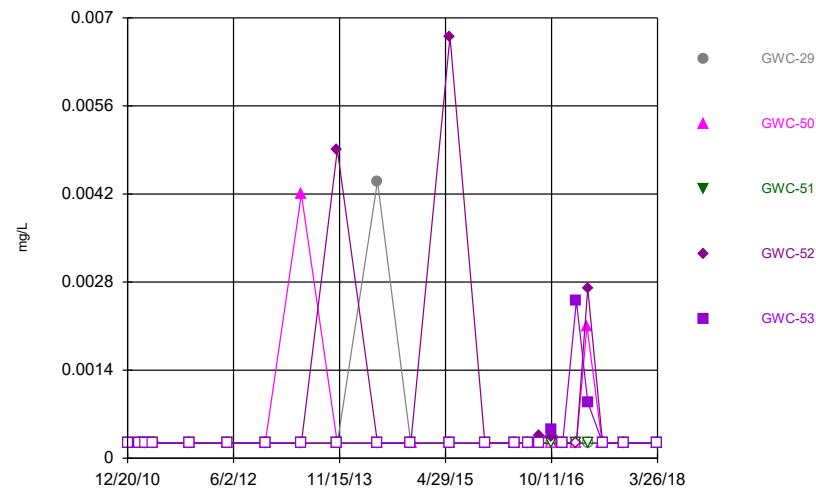
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



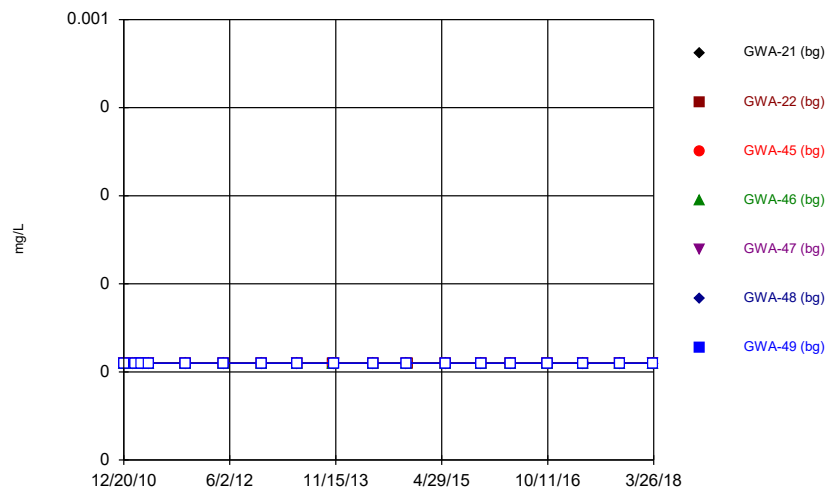
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



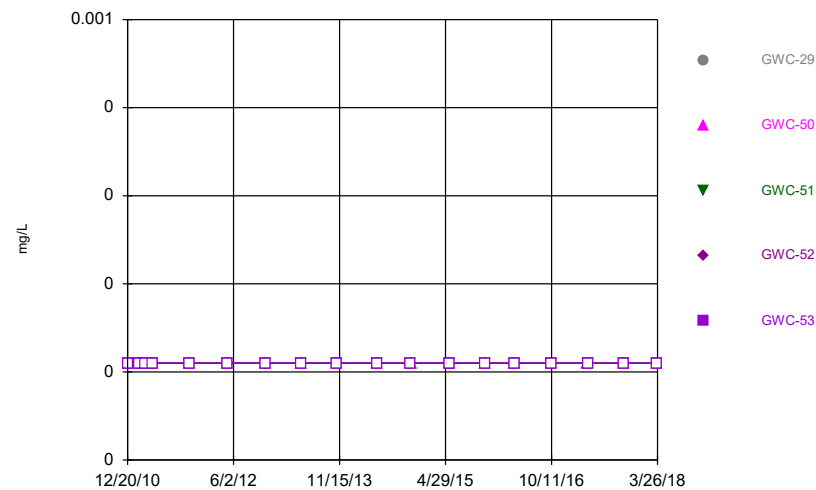
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



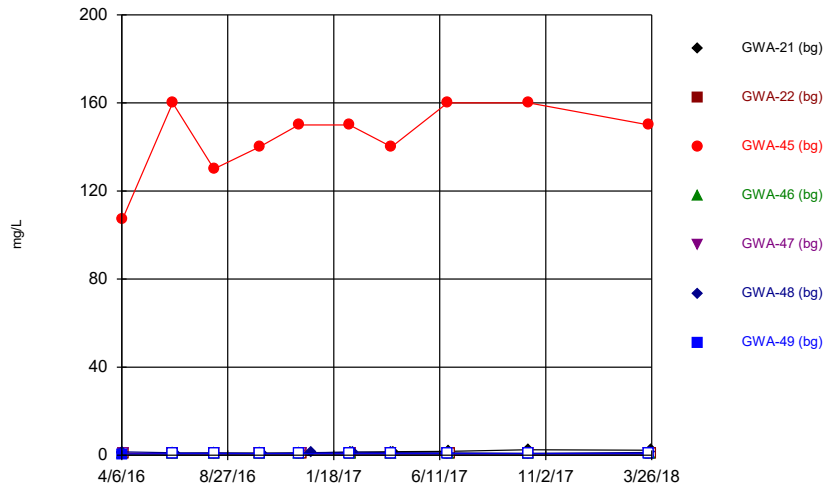
Constituent: Silver, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



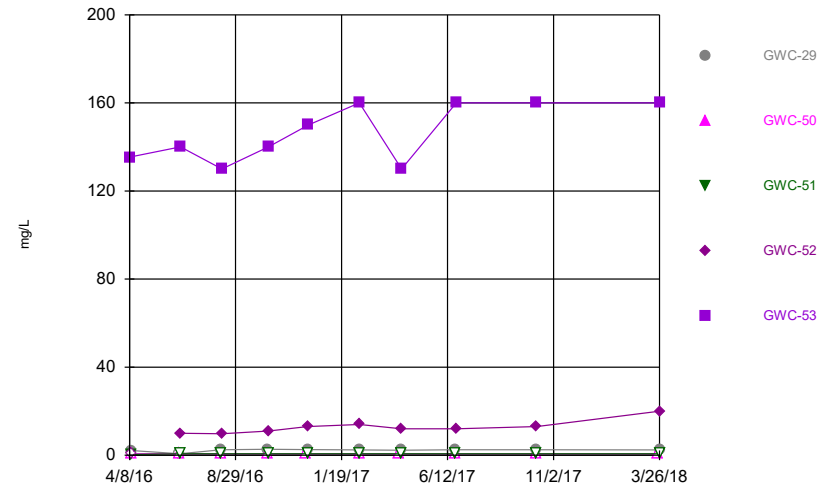
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



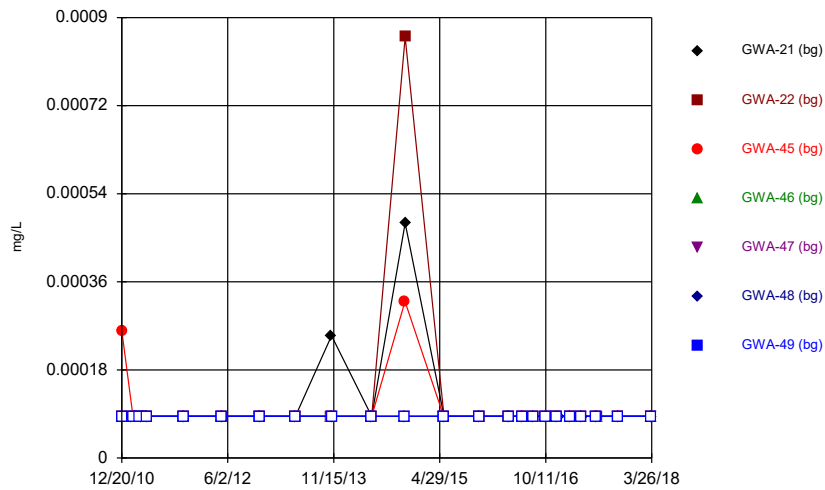
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



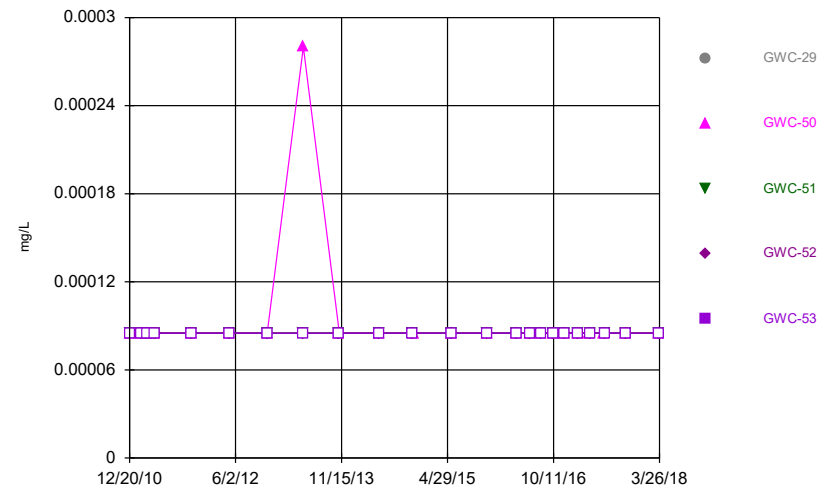
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



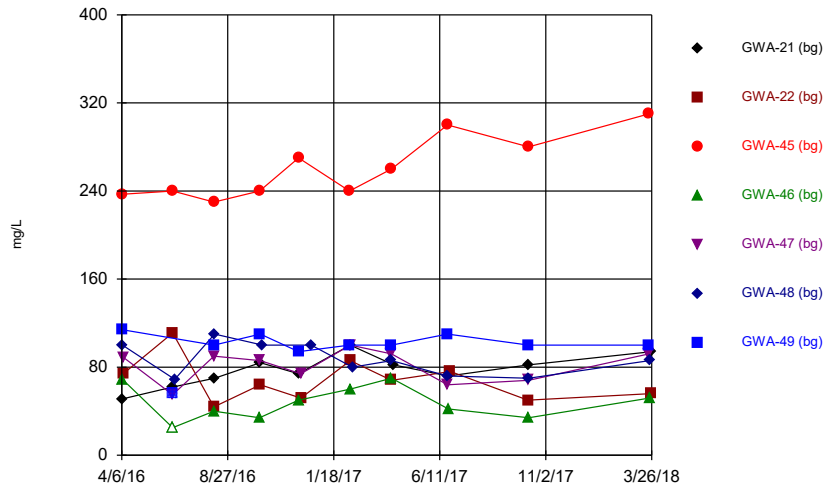
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



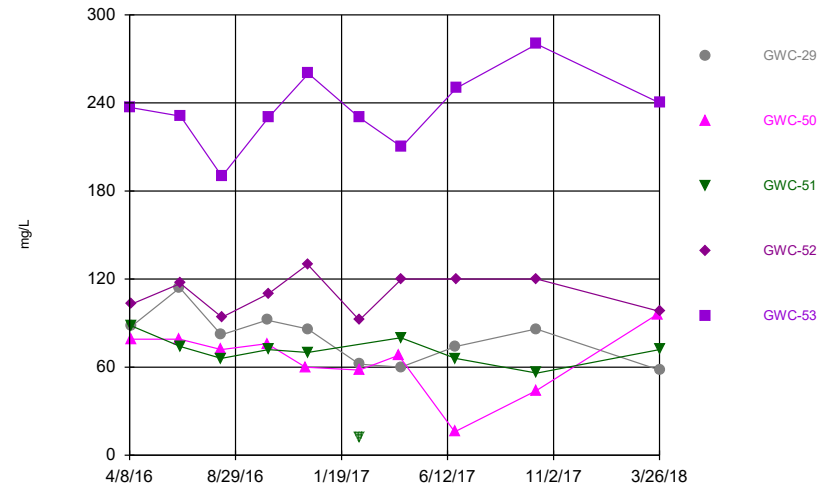
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



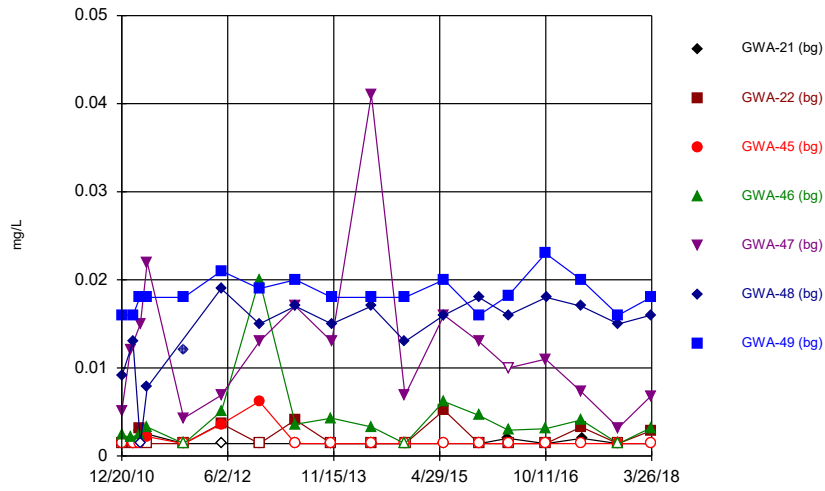
Constituent: Total Dissolved Solids Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



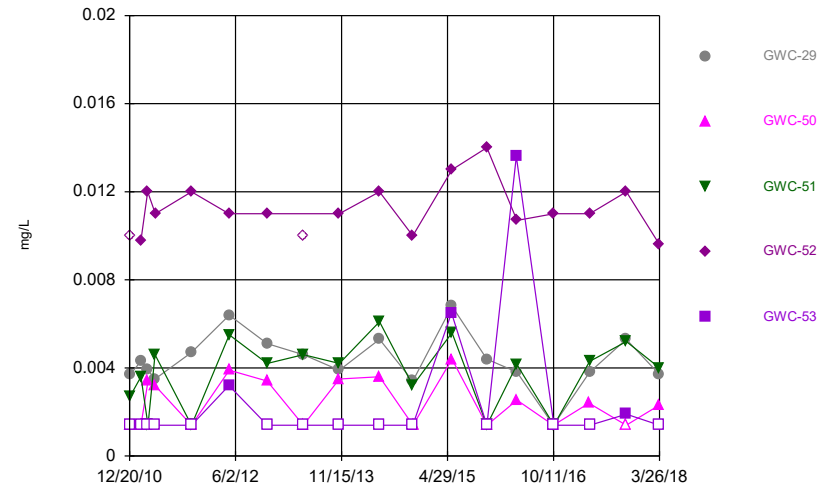
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



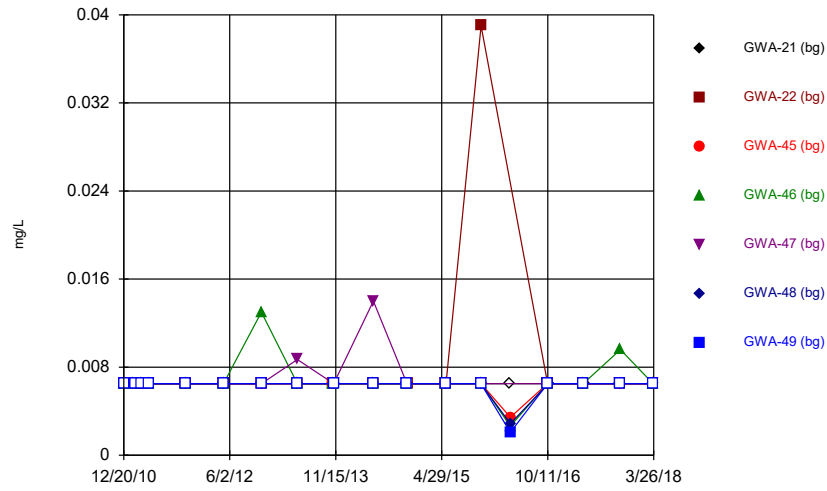
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Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



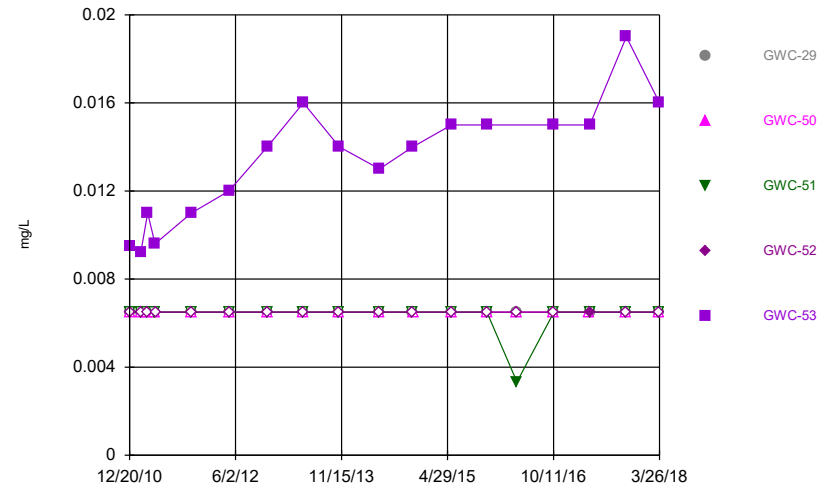
Constituent: Vanadium, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



Constituent: Zinc, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Time Series



Constituent: Zinc, Total Analysis Run 6/29/2018 1:33 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

STATISTICAL ANALYSES

October 2018

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 12/12/2018, 2:03 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Chloride (mg/L)	GWA-15	5.716	n/a	10/2/2018	6.3	Yes	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	10.96	n/a	10/3/2018	13	Yes	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	2.453	n/a	10/2/2018	2.6	Yes	8	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-8A	7.11	6.24	10/4/2018	7.26	Yes	15	0	n/a	0.01507	NP Intra (normality) ...
Total Dissolved Solids (mg/L)	GWC-20	129.9	n/a	10/3/2018	130	Yes	8	0	No	0.000...	Param Intra 1 of 2
Zinc (mg/L)	GWC-11	0.01	n/a	10/2/2018	0.022	Yes	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2

Prediction Limit

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Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony, Total (ug/L)	GWA-15	1	n/a	10/2/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWA-16	1	n/a	10/2/2018	0.5ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWA-17	1	n/a	10/2/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-1	1	n/a	10/2/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-2	1	n/a	10/2/2018	0.5ND	No	19	100	n/a	0.004832	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-3	0.5	n/a	10/3/2018	0.5ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-4	1	n/a	10/3/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-6	1	n/a	10/3/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-7	0.5	n/a	10/4/2018	0.5ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-8A	1	n/a	10/4/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-9	1	n/a	10/2/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-10	1	n/a	10/2/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-11	1	n/a	10/2/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-12	0.646	n/a	10/2/2018	0.5ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-13	1	n/a	10/3/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-14	1	n/a	10/2/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-18	0.5	n/a	10/2/2018	0.5ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-19	0.5	n/a	10/2/2018	0.5ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Antimony, Total (ug/L)	GWC-20	1	n/a	10/3/2018	0.5ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWA-15	0.46	n/a	10/2/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWA-16	0.46	n/a	10/2/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWA-17	0.46	n/a	10/2/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-1	0.79	n/a	10/2/2018	0.23ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-2	0.23	n/a	10/2/2018	0.23ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-3	0.53	n/a	10/3/2018	0.23ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-4	0.46	n/a	10/3/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-6	0.23	n/a	10/3/2018	0.23ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-7	0.46	n/a	10/4/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-8A	1.4	n/a	10/4/2018	0.23ND	No	22	81.82	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-9	0.46	n/a	10/2/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-10	0.46	n/a	10/2/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-11	0.46	n/a	10/2/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-12	0.46	n/a	10/2/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-13	0.46	n/a	10/3/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-14	0.46	n/a	10/2/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-18	0.46	n/a	10/2/2018	0.23ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-19	0.23	n/a	10/2/2018	0.23ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Arsenic, Total (ug/L)	GWC-20	0.23	n/a	10/3/2018	0.23ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Barium, Total (ug/L)	GWA-15	13.19	n/a	10/2/2018	9.9	No	22	4.545	x^2	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWA-16	32.77	n/a	10/2/2018	23	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWA-17	54.01	n/a	10/2/2018	27	No	22	4.545	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-1	60.53	n/a	10/2/2018	43	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-2	54.93	n/a	10/2/2018	44	No	20	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-3	27.93	n/a	10/3/2018	16	No	20	0	x^(1/3)	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-4	50.06	n/a	10/3/2018	42	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-6	69.2	n/a	10/3/2018	51	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-7	43.42	n/a	10/4/2018	31	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-8A	123.3	n/a	10/4/2018	12	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-9	37.54	n/a	10/2/2018	23	No	22	0	No	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-10	34.51	n/a	10/2/2018	29	No	22	4.545	No	0.000...	Param Intra 1 of 2

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Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Barium, Total (ug/L)	GWC-11	19.15	n/a	10/2/2018	16	No	21	4.762	x^4	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-12	19.86	n/a	10/2/2018	16	No	22	4.545	x^2	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-13	44.36	n/a	10/3/2018	30	No	22	0	ln(x)	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-14	11.32	n/a	10/2/2018	9.6	No	20	5	x^3	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-18	43.67	n/a	10/2/2018	32	No	22	4.545	x^3	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-19	20.13	n/a	10/2/2018	18	No	22	4.545	x^4	0.000...	Param Intra 1 of 2
Barium, Total (ug/L)	GWC-20	37.01	n/a	10/3/2018	28	No	22	0	No	0.000...	Param Intra 1 of 2
Beryllium, Total (ug/L)	GWA-15	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWA-16	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWA-17	2.1	n/a	10/2/2018	0.17ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-1	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-2	0.34	n/a	10/2/2018	0.17ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-3	0.34	n/a	10/3/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-4	0.34	n/a	10/3/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-6	0.34	n/a	10/3/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-7	0.34	n/a	10/4/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-8A	0.34	n/a	10/4/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-9	0.34	n/a	10/2/2018	0.17ND	No	21	100	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-10	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-11	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-12	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-13	0.34	n/a	10/3/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-14	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-18	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-19	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Beryllium, Total (ug/L)	GWC-20	0.34	n/a	10/3/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-15	0.021	n/a	10/2/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-16	0.021	n/a	10/2/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-17	0.0105	n/a	10/2/2018	0.0105ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-1	0.021	n/a	10/2/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-2	0.021	n/a	10/2/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-3	0.021	n/a	10/3/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-4	0.021	n/a	10/3/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-6	0.021	n/a	10/3/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.021	n/a	10/4/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-8A	0.3593	n/a	10/4/2018	0.21	No	8	0	No	0.000...	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.1437	n/a	10/2/2018	0.083	No	8	0	No	0.000...	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.021	n/a	10/2/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-11	0.021	n/a	10/2/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-12	0.021	n/a	10/2/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-13	0.021	n/a	10/3/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-14	0.021	n/a	10/2/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-18	0.021	n/a	10/2/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-19	0.021	n/a	10/2/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.021	n/a	10/3/2018	0.0105ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWA-15	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWA-16	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWA-17	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-1	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-2	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2

Prediction Limit

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Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Cadmium, Total (ug/L)	GWC-3	0.34	n/a	10/3/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-4	0.34	n/a	10/3/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-6	0.34	n/a	10/3/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-7	0.34	n/a	10/4/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-8A	1.6	n/a	10/4/2018	0.17ND	No	22	68.18	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-9	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-10	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-11	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-12	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-13	0.34	n/a	10/3/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-14	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-18	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-19	0.34	n/a	10/2/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cadmium, Total (ug/L)	GWC-20	0.34	n/a	10/3/2018	0.17ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-15	5.889	n/a	10/2/2018	4.2	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWA-16	15.27	n/a	10/2/2018	11	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWA-17	9.172	n/a	10/2/2018	5.8	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-1	20.91	n/a	10/2/2018	16	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-2	21.36	n/a	10/2/2018	16	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-3	10.32	n/a	10/3/2018	7.5	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-4	14.96	n/a	10/3/2018	13	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	20.84	n/a	10/3/2018	16	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	14	n/a	10/4/2018	13	No	8	0	n/a	0.02144	NP Intra (normality) ...
Calcium (mg/L)	GWC-8A	39.47	n/a	10/4/2018	37	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	18.99	n/a	10/2/2018	16	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	18.83	n/a	10/2/2018	17	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-11	15.18	n/a	10/2/2018	12	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-12	1.371	n/a	10/2/2018	0.86	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-13	6.805	n/a	10/3/2018	6.4	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-14	7.363	n/a	10/2/2018	6.5	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	12.34	n/a	10/2/2018	9.6	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	12.87	n/a	10/2/2018	11	No	8	0	No	0.000...	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	16.3	n/a	10/3/2018	13	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-15	5.716	n/a	10/2/2018	6.3	Yes	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-16	2.222	n/a	10/2/2018	1.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWA-17	2.026	n/a	10/2/2018	1.5	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-1	4.71	n/a	10/2/2018	3.7	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-2	2.613	n/a	10/2/2018	2	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-3	3.786	n/a	10/3/2018	3.5	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	10.96	n/a	10/3/2018	13	Yes	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	8.831	n/a	10/3/2018	5.7	No	7	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	1.8	n/a	10/4/2018	1.7	No	6	0	n/a	0.03391	NP Intra (normality) ...
Chloride (mg/L)	GWC-8A	8.25	n/a	10/4/2018	6.1	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	4.524	n/a	10/2/2018	3.1	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	2.453	n/a	10/2/2018	2.6	Yes	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-11	2.099	n/a	10/2/2018	1.7	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-12	2.096	n/a	10/2/2018	1.6	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-13	2.118	n/a	10/3/2018	1.5	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-14	3.378	n/a	10/2/2018	3	No	8	0	No	0.000...	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	2.69	n/a	10/2/2018	2.5	No	8	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 12/12/2018, 2:03 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chloride (mg/L)	GWC-19	1.9	n/a	10/2/2018	1.7	No	8	0	n/a	0.02144	NP Intra (normality) ...
Chloride (mg/L)	GWC-20	2.328	n/a	10/3/2018	2	No	7	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWA-15	3.6	n/a	10/2/2018	0.55ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Chromium, Total (ug/L)	GWA-16	7.248	n/a	10/2/2018	4.3	No	21	4.762	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWA-17	11.25	n/a	10/2/2018	6.1	No	22	4.545	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-1	19.71	n/a	10/2/2018	14	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-2	14.66	n/a	10/2/2018	10	No	21	4.762	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-3	22	n/a	10/3/2018	8.1	No	21	0	n/a	0.003999	NP Intra (normality) ...
Chromium, Total (ug/L)	GWC-4	11.36	n/a	10/3/2018	3.9	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-6	10.93	n/a	10/3/2018	4.2	No	22	4.545	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-7	17.83	n/a	10/4/2018	8.3	No	22	0	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-8A	46.09	n/a	10/4/2018	0.55ND	No	22	27.27	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-9	13.11	n/a	10/2/2018	8.1	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-10	21.47	n/a	10/2/2018	18	No	22	0	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-11	12	n/a	10/2/2018	7.5	No	22	0	n/a	0.003707	NP Intra (normality) ...
Chromium, Total (ug/L)	GWC-12	3.1	n/a	10/2/2018	1.2	No	21	42.86	n/a	0.003999	NP Intra (normality) ...
Chromium, Total (ug/L)	GWC-13	8.978	n/a	10/3/2018	5.6	No	22	0	sqrt(x)	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-14	3.6	n/a	10/2/2018	0.55ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Chromium, Total (ug/L)	GWC-18	20	n/a	10/2/2018	14	No	22	0	n/a	0.003707	NP Intra (normality) ...
Chromium, Total (ug/L)	GWC-19	16.03	n/a	10/2/2018	9.7	No	22	4.545	No	0.000...	Param Intra 1 of 2
Chromium, Total (ug/L)	GWC-20	16.19	n/a	10/3/2018	9.1	No	22	4.545	No	0.000...	Param Intra 1 of 2
Cobalt, Total (ug/L)	GWA-15	1.25	n/a	10/2/2018	1.1	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWA-16	3	n/a	10/2/2018	0.2ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWA-17	0.2	n/a	10/2/2018	0.2ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-1	0.4	n/a	10/2/2018	0.2ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-2	0.4	n/a	10/2/2018	0.2ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-3	3.7	n/a	10/3/2018	0.2ND	No	22	77.27	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-4	0.68	n/a	10/3/2018	0.2ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-6	0.2	n/a	10/3/2018	0.2ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-7	0.2	n/a	10/4/2018	0.2ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-8A	6.8	n/a	10/4/2018	0.48	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-9	0.4	n/a	10/2/2018	0.2ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-10	0.4	n/a	10/2/2018	0.2ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-11	0.4	n/a	10/2/2018	0.2ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-12	0.49	n/a	10/2/2018	0.2ND	No	22	81.82	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-13	0.4	n/a	10/3/2018	0.2ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-14	0.4	n/a	10/2/2018	0.2ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-18	3.2	n/a	10/2/2018	0.2ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-19	0.4	n/a	10/2/2018	0.2ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Cobalt, Total (ug/L)	GWC-20	0.5	n/a	10/3/2018	0.2ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-15	0.0021	n/a	10/2/2018	0.00105ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-16	0.0021	n/a	10/2/2018	0.00105ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-17	0.0021	n/a	10/2/2018	0.00105ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-1	0.0021	n/a	10/2/2018	0.00105ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-2	0.0021	n/a	10/2/2018	0.00105ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-3	0.012	n/a	10/3/2018	0.00105ND	No	17	76.47	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-4	0.0037	n/a	10/3/2018	0.00105ND	No	17	47.06	n/a	0.005914	NP Intra (normality) ...
Copper (mg/L)	GWC-6	0.0037	n/a	10/3/2018	0.00105ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.008	n/a	10/4/2018	0.00105ND	No	17	76.47	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8A	0.2377	n/a	10/4/2018	0.00105ND	No	17	5.882	sqrt(x)	0.000...	Param Intra 1 of 2

Prediction Limit

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Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Copper (mg/L)	GWC-9	0.0021	n/a	10/2/2018	0.00105ND	No	16	100	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.0021	n/a	10/2/2018	0.00105ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.0021	n/a	10/2/2018	0.00105ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-12	0.0021	n/a	10/2/2018	0.00105ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.0024	n/a	10/3/2018	0.00105ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14	0.0021	n/a	10/2/2018	0.00105ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.0025	n/a	10/2/2018	0.00105ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19	0.0021	n/a	10/2/2018	0.00105ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.0021	n/a	10/3/2018	0.00105ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-15	0.041	n/a	10/2/2018	0.041ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-16	0.048	n/a	10/2/2018	0.041ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-17	0.041	n/a	10/2/2018	0.041ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-1	0.1087	n/a	10/2/2018	0.089	No	8	37.5	x^3	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-2	0.046	n/a	10/2/2018	0.041ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-3	0.057	n/a	10/3/2018	0.041ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-4	0.1871	n/a	10/3/2018	0.1	No	8	0	No	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-6	0.061	n/a	10/3/2018	0.041ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-7	0.12	n/a	10/4/2018	0.041ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-8A	0.2403	n/a	10/4/2018	0.14	No	8	0	No	0.000...	Param Intra 1 of 2
Fluoride (mg/L)	GWC-9	0.083	n/a	10/2/2018	0.041ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-10	0.082	n/a	10/2/2018	0.041ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-11	0.061	n/a	10/2/2018	0.041ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-12	0.041	n/a	10/2/2018	0.041ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-13	0.041	n/a	10/3/2018	0.041ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-14	0.041	n/a	10/2/2018	0.041ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.047	n/a	10/2/2018	0.041ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.048	n/a	10/2/2018	0.041ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.056	n/a	10/3/2018	0.041ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWA-15	0.35	n/a	10/2/2018	0.175ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWA-16	5.1	n/a	10/2/2018	0.175ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWA-17	3.4	n/a	10/2/2018	0.175ND	No	22	72.73	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-1	8.5	n/a	10/2/2018	0.175ND	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-2	6.3	n/a	10/2/2018	0.175ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-3	11	n/a	10/3/2018	0.37	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-4	6.2	n/a	10/3/2018	0.175ND	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-6	6.7	n/a	10/3/2018	0.175ND	No	22	68.18	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-7	6.4	n/a	10/4/2018	0.175ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-8A	23	n/a	10/4/2018	0.175ND	No	22	45.45	n/a	0.003707	NP Intra (normality) ...
Lead, Total (ug/L)	GWC-9	6.9	n/a	10/2/2018	0.175ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-10	7	n/a	10/2/2018	0.175ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-11	5.1	n/a	10/2/2018	0.175ND	No	21	66.67	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-12	0.35	n/a	10/2/2018	0.175ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-13	3.6	n/a	10/3/2018	0.175ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-14	2.8	n/a	10/2/2018	0.175ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-18	5.2	n/a	10/2/2018	0.175ND	No	22	68.18	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-19	5.6	n/a	10/2/2018	0.175ND	No	22	59.09	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead, Total (ug/L)	GWC-20	5.6	n/a	10/3/2018	0.175ND	No	22	63.64	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-15	0.0001	n/a	10/2/2018	0.000076	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-16	0.00014	n/a	10/2/2018	0.000076	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-17	0.00011	n/a	10/2/2018	0.000078	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 12/12/2018, 2:03 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Mercury (mg/L)	GWC-1	0.0001	n/a	10/2/2018	0.000072	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-2	0.00011	n/a	10/2/2018	0.000035ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-3	0.00014	n/a	10/3/2018	0.000078	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-4	0.00012	n/a	10/3/2018	0.00008	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.00017	n/a	10/3/2018	0.000077	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-7	0.00016	n/a	10/4/2018	0.000089	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-8A	0.00019	n/a	10/4/2018	0.000035ND	No	22	81.82	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-9	0.000088	n/a	10/2/2018	0.000081	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-10	0.00011	n/a	10/2/2018	0.000082	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-11	0.00019	n/a	10/2/2018	0.000084	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-12	0.00007	n/a	10/2/2018	0.000076	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-13	0.0001	n/a	10/3/2018	0.000085	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-14	0.00016	n/a	10/2/2018	0.000086	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.000089	n/a	10/2/2018	0.000077	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19	0.00011	n/a	10/2/2018	0.000081	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20	0.0001	n/a	10/3/2018	0.000083	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-15	0.00202	n/a	10/2/2018	0.0009ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.0018	n/a	10/2/2018	0.0009ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-17	0.0018	n/a	10/2/2018	0.0009ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-1	0.0086	n/a	10/2/2018	0.0009ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-2	0.0033	n/a	10/2/2018	0.0009ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-3	0.0093	n/a	10/3/2018	0.0018	No	16	81.25	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-4	0.0021	n/a	10/3/2018	0.0009ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.0053	n/a	10/3/2018	0.0009ND	No	17	76.47	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.0044	n/a	10/4/2018	0.0009ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8A	0.01155	n/a	10/4/2018	0.0009ND	No	17	41.18	sqrt(x)	0.000...	Param Intra 1 of 2
Nickel (mg/L)	GWC-9	0.0018	n/a	10/2/2018	0.0009ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.00271	n/a	10/2/2018	0.0018	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0018	n/a	10/2/2018	0.0009ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.0018	n/a	10/2/2018	0.0009ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13	0.0018	n/a	10/3/2018	0.0009ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-14	0.0018	n/a	10/2/2018	0.0009ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.0045	n/a	10/2/2018	0.0009ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.01	n/a	10/2/2018	0.0009ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.0063	n/a	10/3/2018	0.0009ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-15	5.807	5.203	10/2/2018	5.49	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWA-16	6.627	6.136	10/2/2018	6.38	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWA-17	6.446	5.482	10/2/2018	6.03	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-1	6.798	6.212	10/2/2018	6.57	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-2	7	6.36	10/2/2018	6.51	No	11	0	n/a	0.02553	NP Intra (normality) ...
pH (S.U.)	GWC-3	6.149	5.684	10/3/2018	5.97	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-4	6.542	6.069	10/3/2018	6.25	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-6	6.371	5.996	10/3/2018	6.22	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-7	6.473	6.162	10/4/2018	6.36	No	11	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-8A	7.11	6.24	10/4/2018	7.26	Yes	15	0	n/a	0.01507	NP Intra (normality) ...
pH (S.U.)	GWC-9	6.938	6.202	10/2/2018	6.65	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-10	6.661	5.969	10/2/2018	6.35	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-11	6.414	5.919	10/2/2018	6.21	No	11	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-12	5.48	4.77	10/2/2018	5.16	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-13	6.138	5.588	10/3/2018	5.95	No	13	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 12/12/2018, 2:03 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
pH (S.U.)	GWC-14	5.869	5.296	10/2/2018	5.68	No	11	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-18	6.488	6.11	10/2/2018	6.38	No	12	0	No	0.000...	Param Intra 1 of 2
pH (S.U.)	GWC-19	6.51	6.35	10/2/2018	6.41	No	11	0	n/a	0.02553	NP Intra (normality) ...
pH (S.U.)	GWC-20	6.734	6.281	10/3/2018	6.48	No	12	0	No	0.000...	Param Intra 1 of 2
Selenium, Total (ug/L)	GWA-15	0.67	n/a	10/2/2018	0.12ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWA-16	4.3	n/a	10/2/2018	0.12ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWA-17	4.4	n/a	10/2/2018	0.12ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-1	5.3	n/a	10/2/2018	0.12ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-2	4.5	n/a	10/2/2018	0.12ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-3	0.36	n/a	10/3/2018	0.12ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-4	0.24	n/a	10/3/2018	0.12ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-6	7	n/a	10/3/2018	0.56	No	21	71.43	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-7	5.3	n/a	10/4/2018	0.12ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-8A	4.5	n/a	10/4/2018	0.12ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-9	6.5	n/a	10/2/2018	0.12ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-10	4.6	n/a	10/2/2018	0.12ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-11	5	n/a	10/2/2018	0.12ND	No	22	86.36	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-12	4	n/a	10/2/2018	0.12ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-13	0.24	n/a	10/3/2018	0.12ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-14	5.2	n/a	10/2/2018	0.12ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-18	4.1	n/a	10/2/2018	0.12ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-19	4.4	n/a	10/2/2018	0.12ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Selenium, Total (ug/L)	GWC-20	0.24	n/a	10/3/2018	0.12ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-15	0.00011	n/a	10/2/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-16	0.00011	n/a	10/2/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-17	0.00011	n/a	10/2/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.00012	n/a	10/2/2018	0.000055ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-2	0.00011	n/a	10/2/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-3	0.00011	n/a	10/3/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-4	0.00011	n/a	10/3/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.00012	n/a	10/3/2018	0.000055ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-7	0.00011	n/a	10/4/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-8A	0.00011	n/a	10/4/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-9	0.00011	n/a	10/2/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-10	0.00011	n/a	10/2/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-11	0.00011	n/a	10/2/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-12	0.00011	n/a	10/2/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-13	0.00011	n/a	10/3/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-14	0.00011	n/a	10/2/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-18	0.00011	n/a	10/2/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-19	0.00011	n/a	10/2/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-20	0.00011	n/a	10/3/2018	0.000055ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-15	0.8	n/a	10/2/2018	0.35ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-16	0.7	n/a	10/2/2018	0.35ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-17	0.7	n/a	10/2/2018	0.35ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-1	1.146	n/a	10/2/2018	0.35ND	No	8	50	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-2	0.56	n/a	10/2/2018	0.35ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	10/3/2018	0.35ND	No	8	62.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.614	n/a	10/3/2018	2.9	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	18.51	n/a	10/3/2018	10	No	8	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 12/12/2018, 2:03 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Sulfate (mg/L)	GWC-7	0.36	n/a	10/4/2018	0.35ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-8A	46.61	n/a	10/4/2018	30	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	19.63	n/a	10/2/2018	8.2	No	8	0	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	1.257	n/a	10/2/2018	1.2	No	8	37.5	No	0.000...	Param Intra 1 of 2
Sulfate (mg/L)	GWC-11	0.35	n/a	10/2/2018	0.35ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-12	0.35	n/a	10/2/2018	0.35ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-13	0.646	n/a	10/3/2018	0.35ND	No	8	75	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-14	0.35	n/a	10/2/2018	0.35ND	No	8	87.5	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	0.7	n/a	10/2/2018	0.35ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	0.7	n/a	10/2/2018	0.35ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-20	0.7	n/a	10/3/2018	0.35ND	No	8	100	n/a	0.02144	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWA-15	0.085	n/a	10/2/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWA-16	0.3	n/a	10/2/2018	0.0425ND	No	22	95.45	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWA-17	0.085	n/a	10/2/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-1	0.085	n/a	10/2/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-2	0.085	n/a	10/2/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-3	0.085	n/a	10/3/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-4	0.085	n/a	10/3/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-6	0.085	n/a	10/3/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-7	0.27	n/a	10/4/2018	0.0425ND	No	22	90.91	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-8A	0.085	n/a	10/4/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-9	0.085	n/a	10/2/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-10	0.085	n/a	10/2/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-11	0.085	n/a	10/2/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-12	0.085	n/a	10/2/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-13	0.085	n/a	10/3/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-14	0.085	n/a	10/2/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-18	0.085	n/a	10/2/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-19	0.085	n/a	10/2/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium, Total (ug/L)	GWC-20	0.085	n/a	10/3/2018	0.0425ND	No	22	100	n/a	0.003707	NP Intra (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWA-15	79.05	n/a	10/2/2018	48	No	8	12.5	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-16	171.2	n/a	10/2/2018	110	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-17	150.6	n/a	10/2/2018	90	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-1	170.8	n/a	10/2/2018	140	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-2	207.6	n/a	10/2/2018	140	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-3	110.3	n/a	10/3/2018	60	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	140.4	n/a	10/3/2018	120	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-6	174.7	n/a	10/3/2018	120	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-7	160.7	n/a	10/4/2018	110	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-8A	220.3	n/a	10/17/2018	170	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	217.1	n/a	10/2/2018	34	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-10	170.5	n/a	10/2/2018	150	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-11	361.1	n/a	10/2/2018	120	No	8	0	x^(1/3)	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-12	142.3	n/a	10/2/2018	38	No	8	50	x^(1/3)	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-13	98.85	n/a	10/3/2018	22	No	7	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-14	98.65	n/a	10/2/2018	40	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	114	n/a	10/2/2018	100	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-19	165	n/a	10/2/2018	130	No	8	0	No	0.000...	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	129.9	n/a	10/3/2018	130	Yes	8	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWA-15	0.0035	n/a	10/2/2018	0.0007ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2

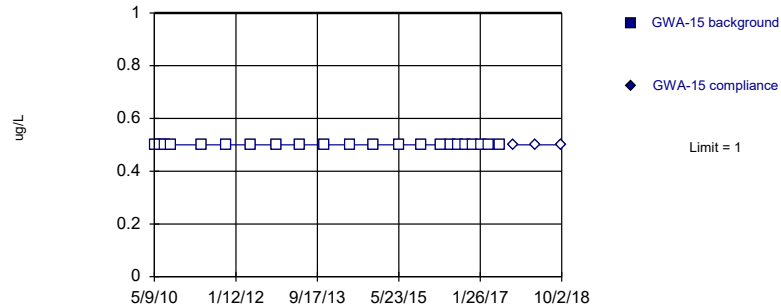
Prediction Limit

Scherer Client: Golder Associates Data: Scherer Cell 1 CCR Printed 12/12/2018, 2:03 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Vanadium (mg/L)	GWA-16	0.01315	n/a	10/2/2018	0.0069	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWA-17	0.008959	n/a	10/2/2018	0.004	No	17	23.53	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-1	0.02566	n/a	10/2/2018	0.017	No	17	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-2	0.02158	n/a	10/2/2018	0.015	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-3	0.01155	n/a	10/3/2018	0.0053	No	16	6.25	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-4	0.01292	n/a	10/3/2018	0.006	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-6	0.01065	n/a	10/3/2018	0.0081	No	14	7.143	x^3	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-7	0.01699	n/a	10/4/2018	0.012	No	15	6.667	x^2	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-8A	0.1119	n/a	10/4/2018	0.0007ND	No	17	0	sqrt(x)	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-9	0.02447	n/a	10/2/2018	0.021	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-10	0.01799	n/a	10/2/2018	0.012	No	17	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-11	0.01497	n/a	10/2/2018	0.01	No	17	5.882	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-12	0.0032	n/a	10/2/2018	0.0007ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.004	n/a	10/3/2018	0.0007ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14	0.0026	n/a	10/2/2018	0.0007ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.01062	n/a	10/2/2018	0.0064	No	17	5.882	ln(x)	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-19	0.01125	n/a	10/2/2018	0.0073	No	17	0	No	0.000...	Param Intra 1 of 2
Vanadium (mg/L)	GWC-20	0.02579	n/a	10/3/2018	0.017	No	17	5.882	No	0.000...	Param Intra 1 of 2
Zinc (mg/L)	GWA-15	0.0065	n/a	10/2/2018	0.00325ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-16	0.0065	n/a	10/2/2018	0.00325ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-17	0.0073	n/a	10/2/2018	0.00325ND	No	17	88.24	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-1	0.0065	n/a	10/2/2018	0.00325ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-2	0.0065	n/a	10/2/2018	0.00325ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-3	0.018	n/a	10/3/2018	0.00325ND	No	17	82.35	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-4	0.00325	n/a	10/3/2018	0.00325ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.0065	n/a	10/3/2018	0.00325ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.0065	n/a	10/4/2018	0.00325ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8A	0.2974	n/a	10/4/2018	0.00325ND	No	17	11.76	sqrt(x)	0.000...	Param Intra 1 of 2
Zinc (mg/L)	GWC-9	0.0065	n/a	10/2/2018	0.00325ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.0065	n/a	10/2/2018	0.00325ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.01	n/a	10/2/2018	0.022	Yes	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.00409	n/a	10/2/2018	0.00325ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-13	0.00325	n/a	10/3/2018	0.00325ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.0065	n/a	10/2/2018	0.00325ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.0065	n/a	10/2/2018	0.00325ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.0085	n/a	10/2/2018	0.00325ND	No	17	94.12	n/a	0.005914	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.0065	n/a	10/3/2018	0.00325ND	No	17	100	n/a	0.005914	NP Intra (NDs) 1 of 2

Within Limit

Prediction Limit
Intrawell Non-parametric

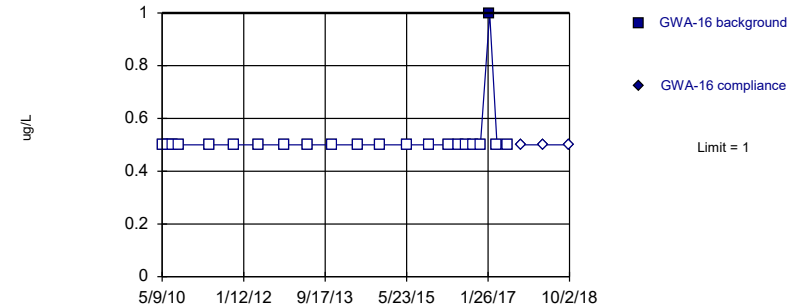


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

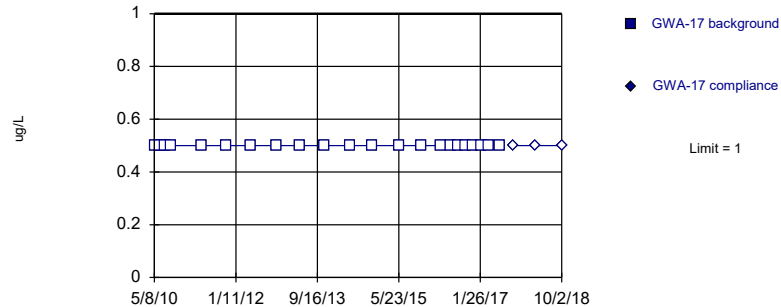


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

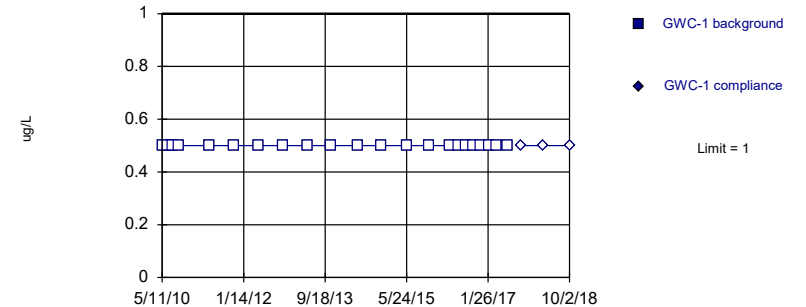


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Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

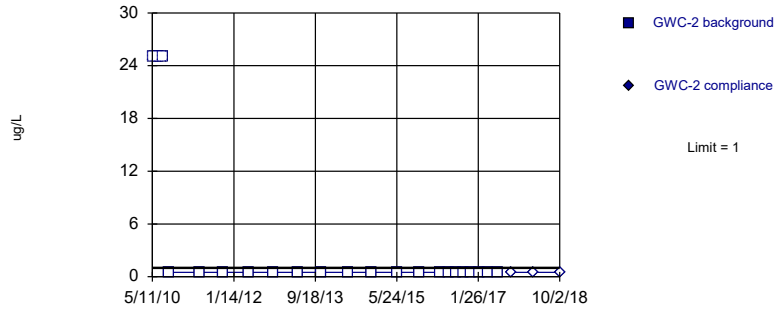


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

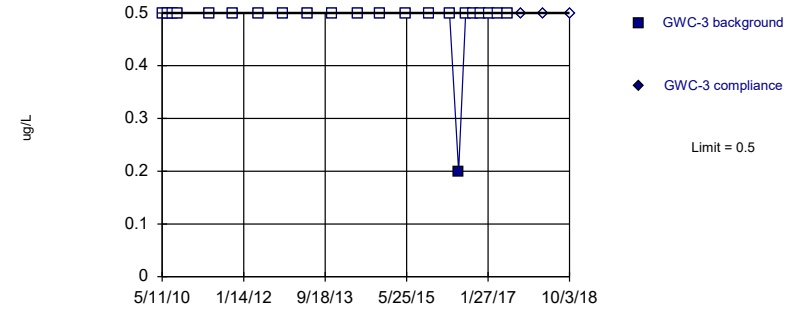


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 19) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

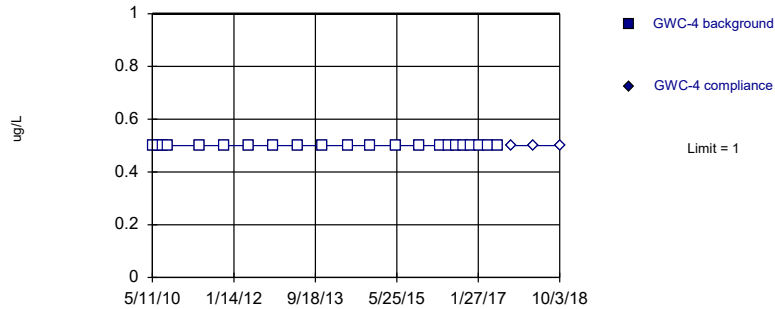


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

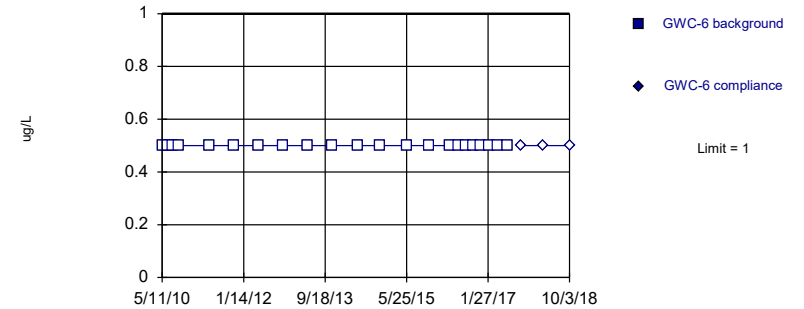


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

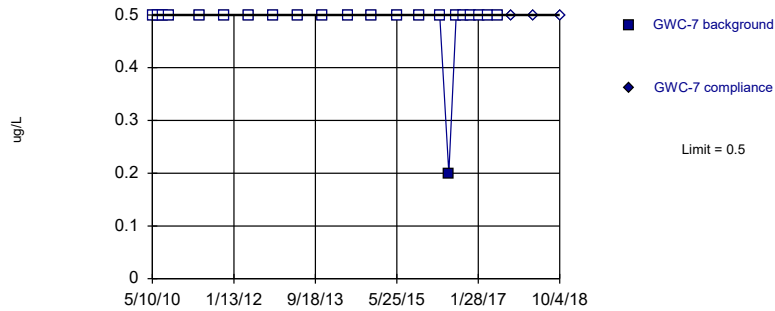


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Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

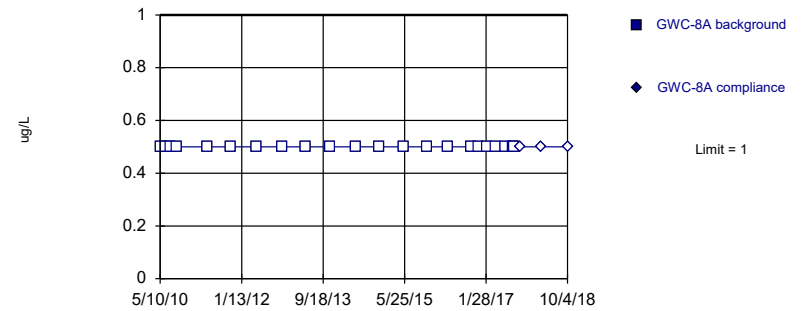


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

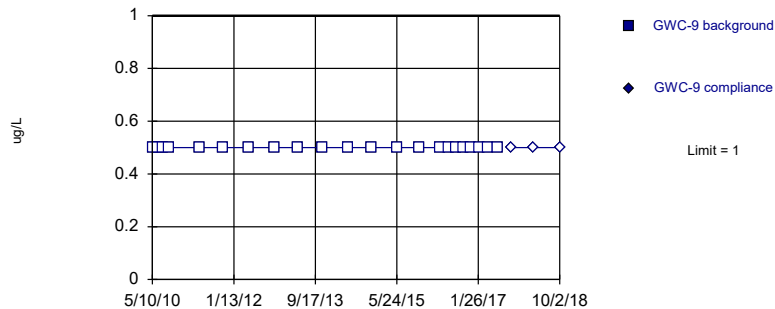


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

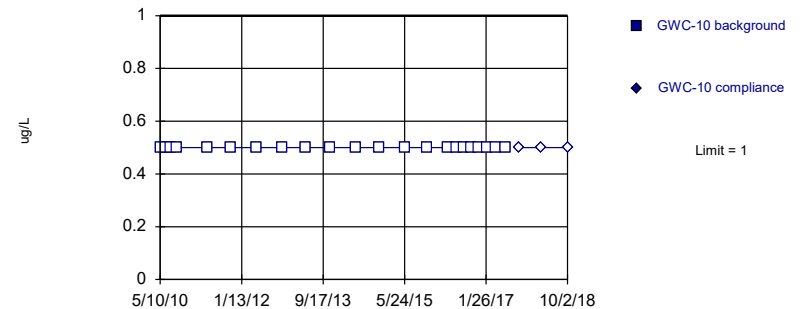


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Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



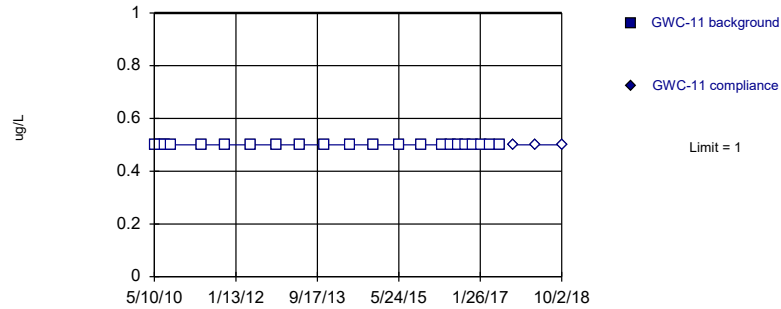
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



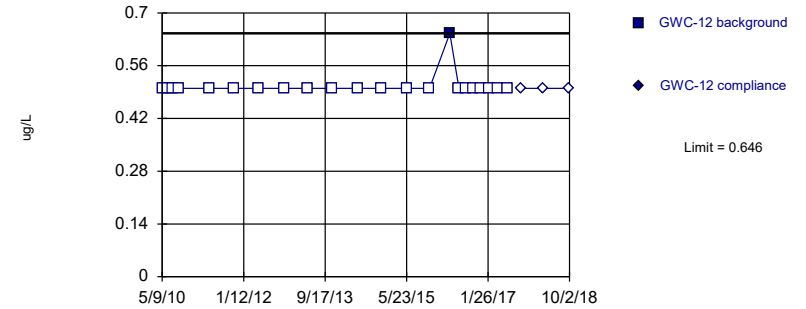
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Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Within Limit

Prediction Limit
Intrawell Non-parametric



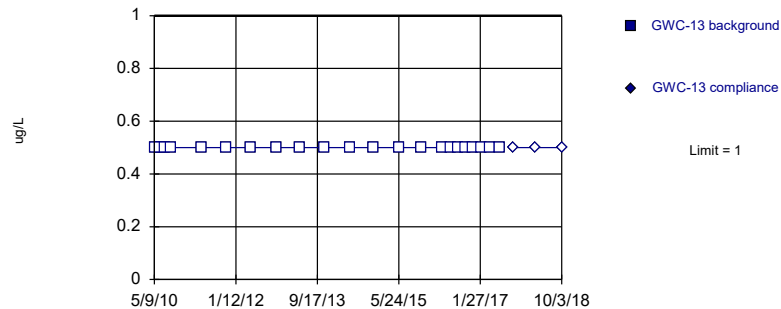
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



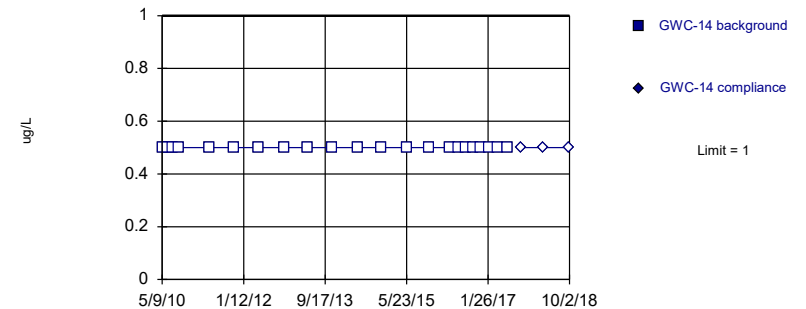
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

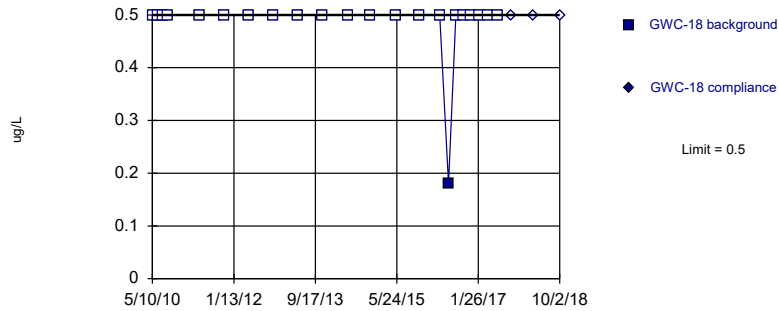


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Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

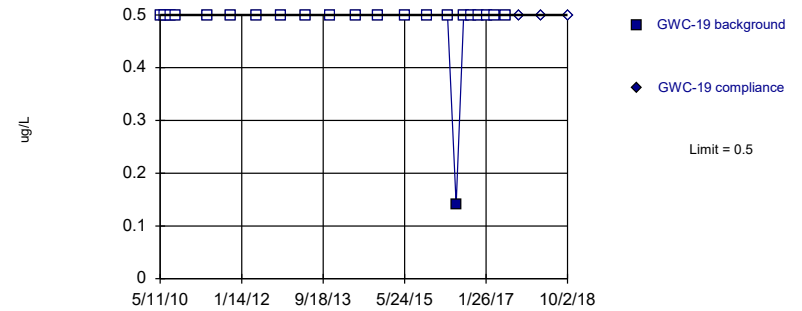


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

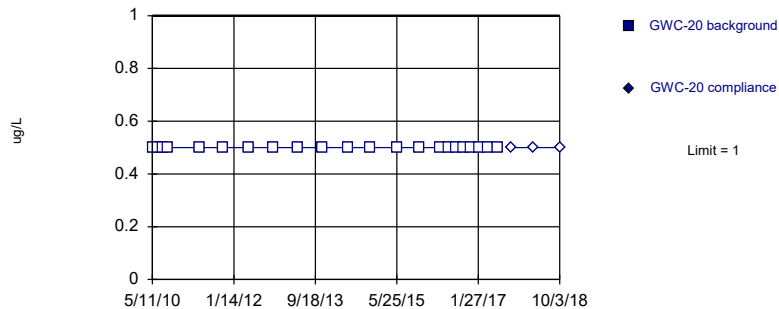


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

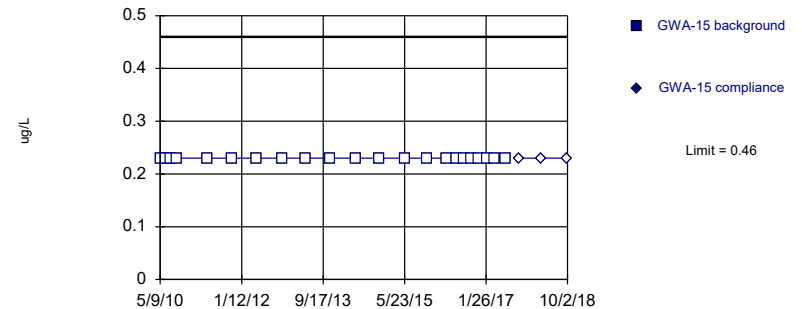


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Antimony, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

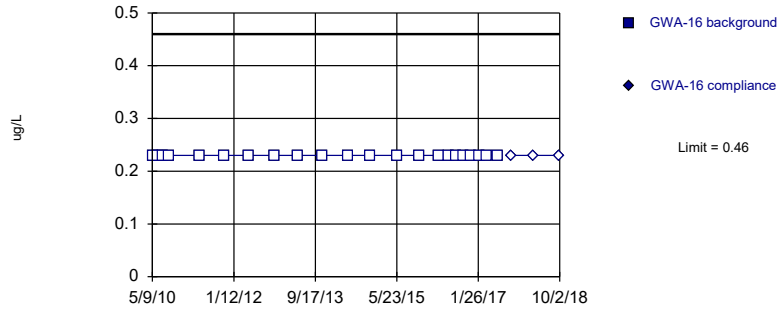
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

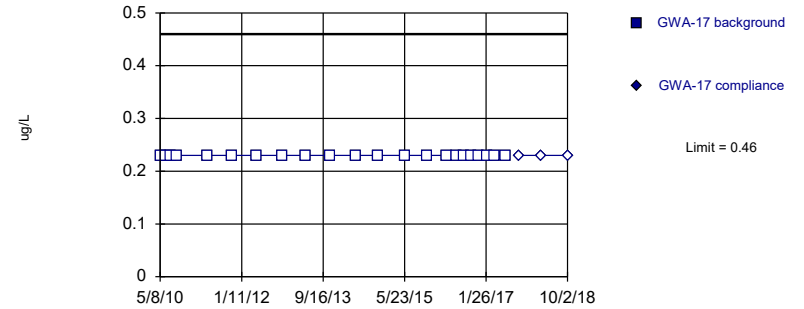
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

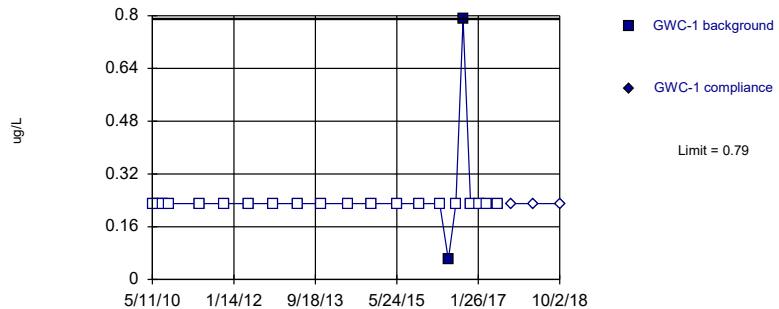
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

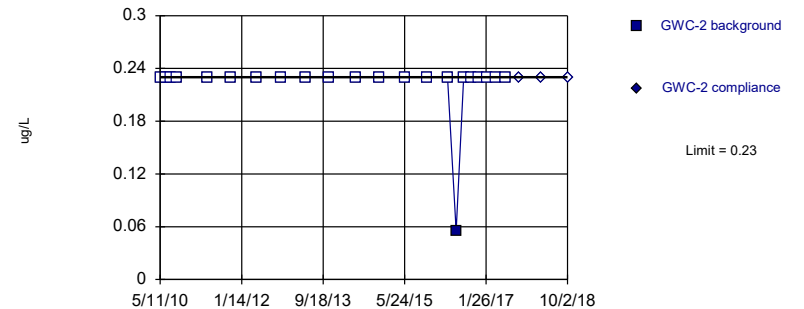
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric



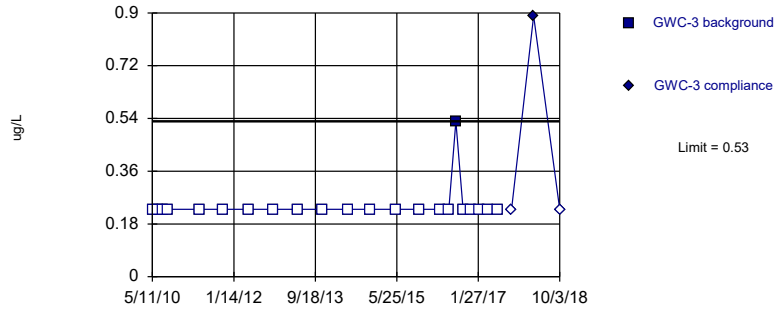
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Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



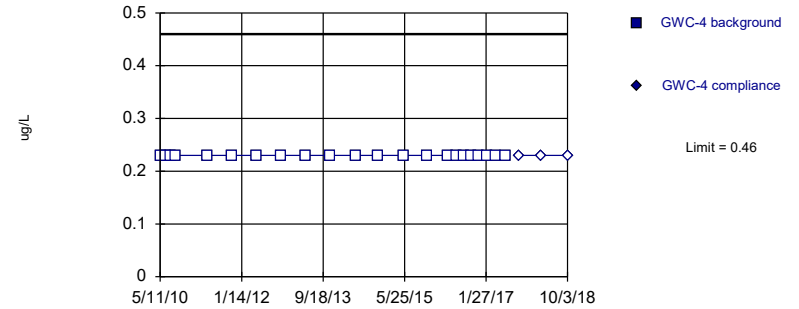
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Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



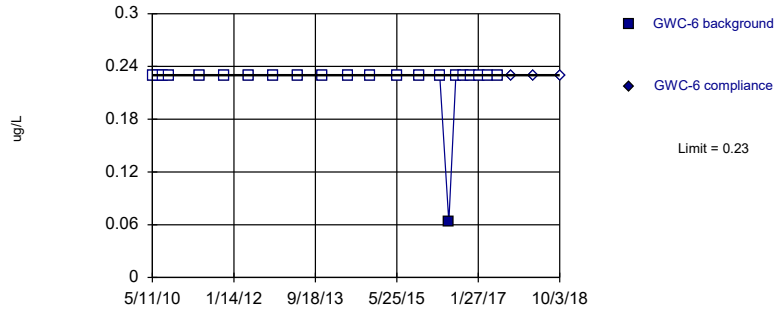
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



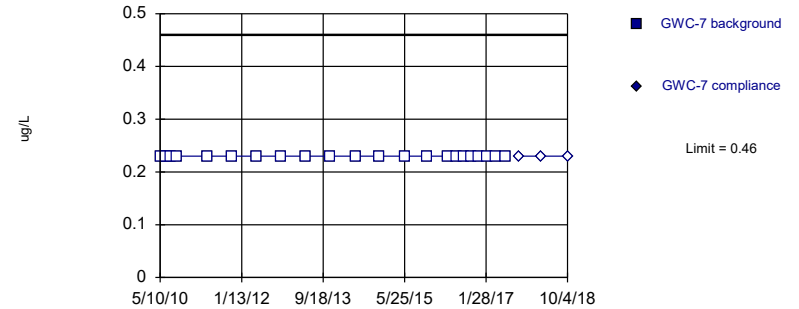
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

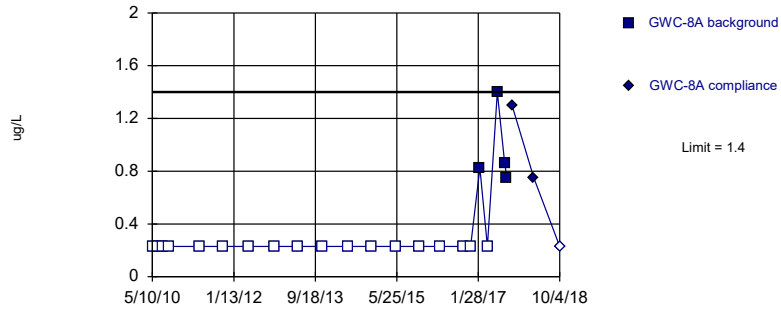


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

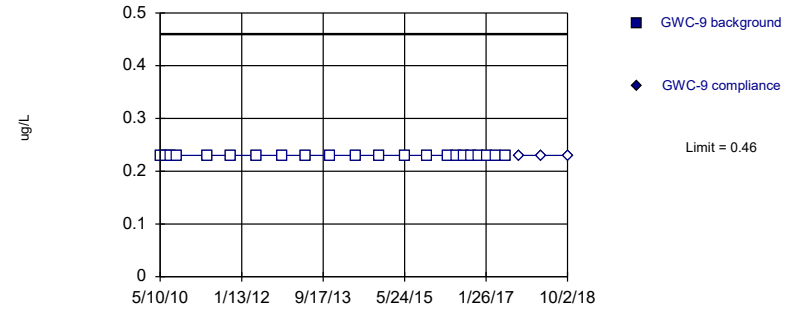


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

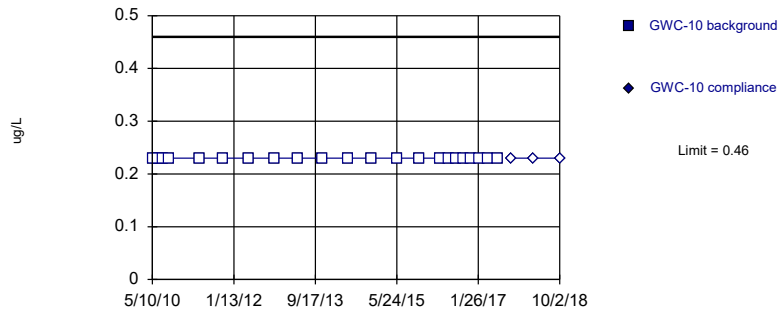


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

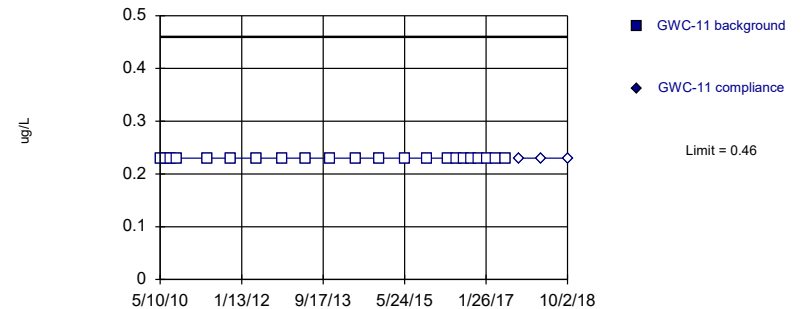


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:53 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



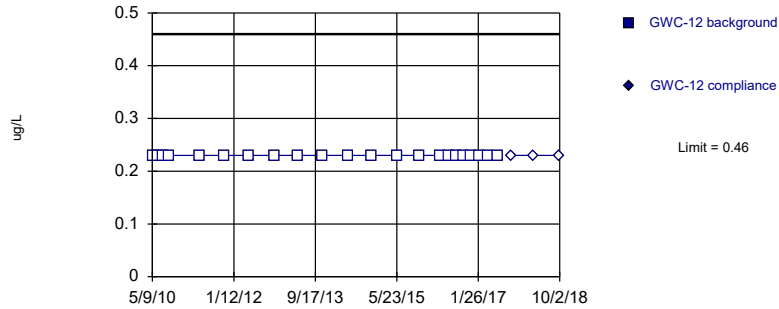
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Constituent: Arsenic, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



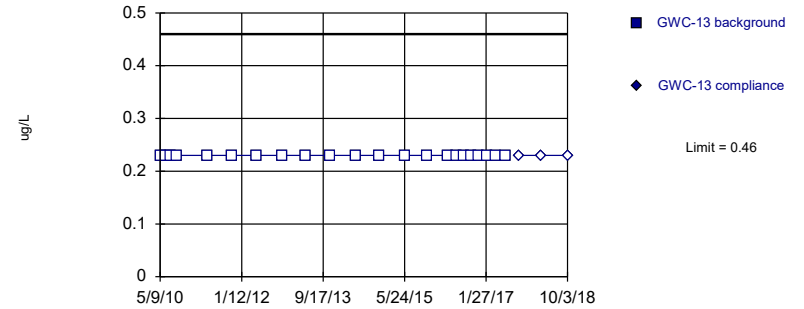
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



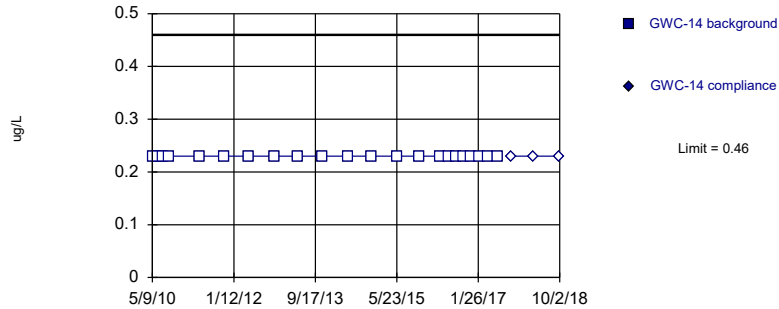
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



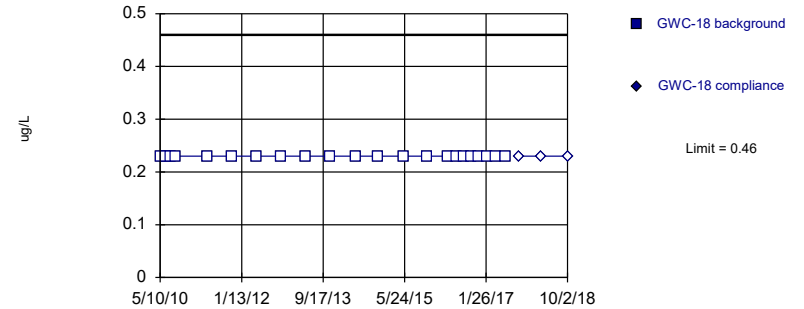
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

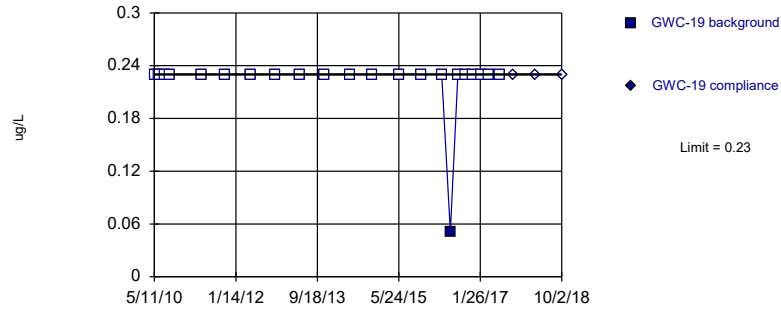
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

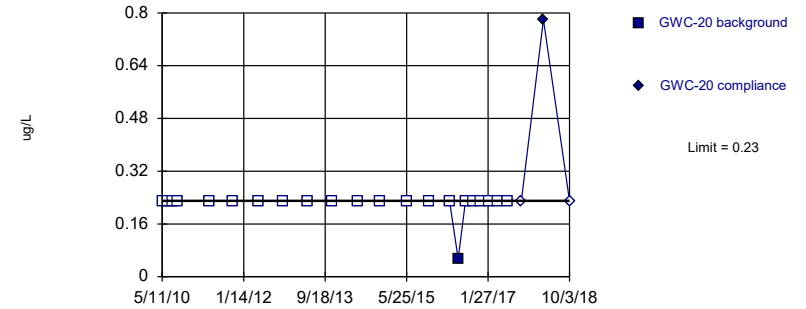
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

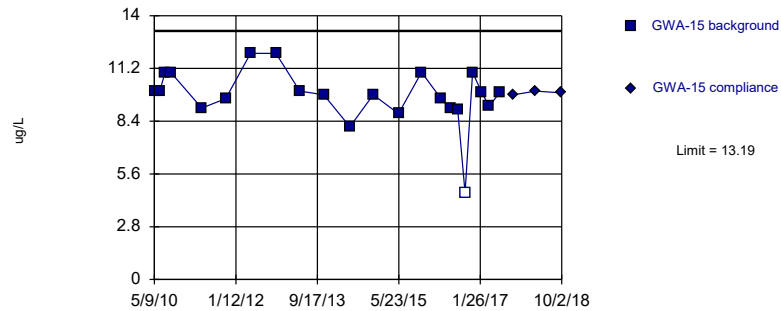
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

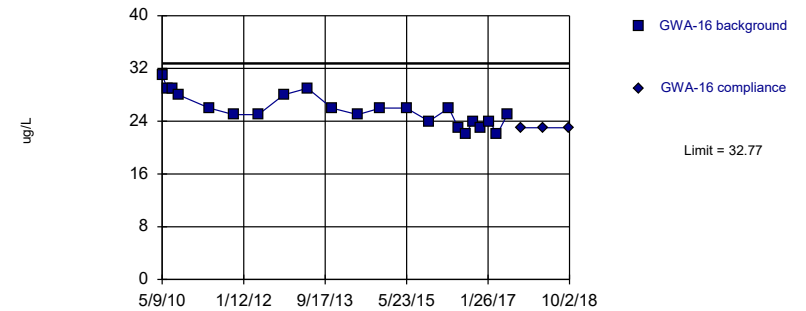
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on square transformation): Mean=97.26, Std. Dev.=26.49, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9157, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Parametric



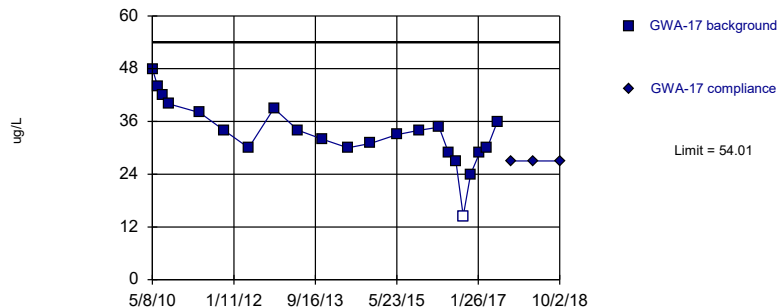
Background Data Summary: Mean=25.73, Std. Dev.=2.434, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9506, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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 Hollow symbols indicate censored values.

Within Limit

Prediction Limit
 Intrawell Parametric



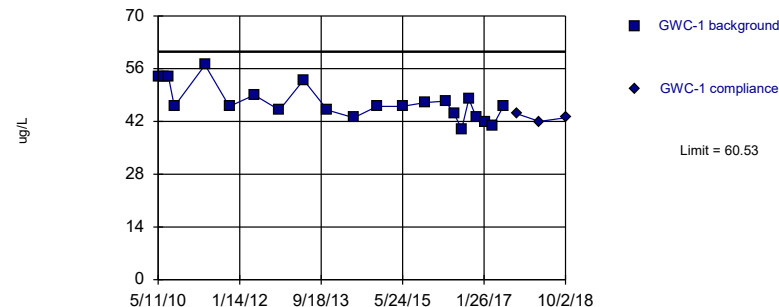
Background Data Summary: Mean=33.33, Std. Dev.=7.147, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9654, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG

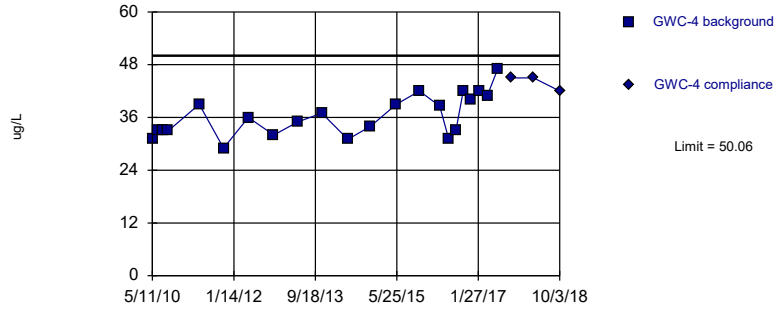
Within Limit

Prediction Limit
 Intrawell Parametric



Within Limit

Prediction Limit
Intrawell Parametric

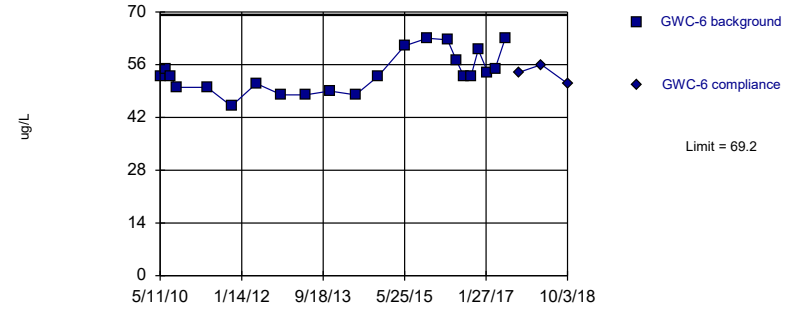


Background Data Summary: Mean=36.3, Std. Dev.=4.755, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9456, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

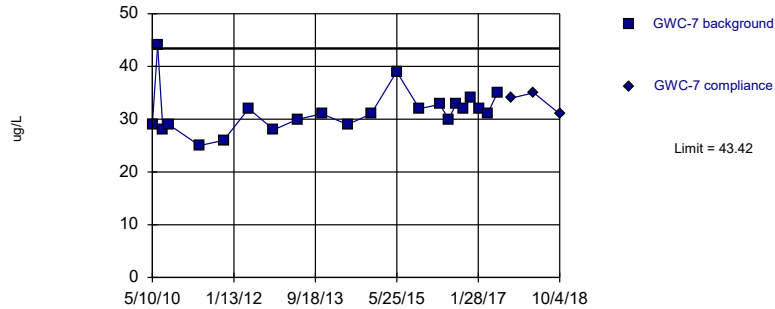


Background Data Summary: Mean=53.85, Std. Dev.=5.307, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9304, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

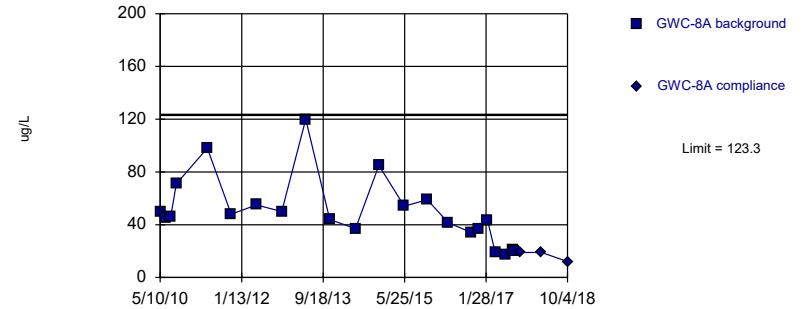


Background Data Summary: Mean=31.49, Std. Dev.=4.123, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8914, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric



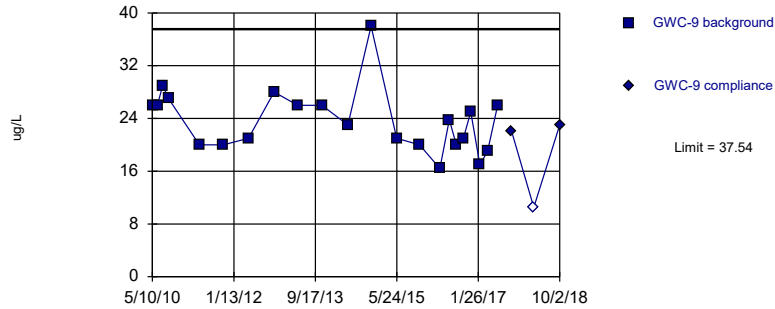
Background Data Summary: Mean=49.75, Std. Dev.=25.43, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8892, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



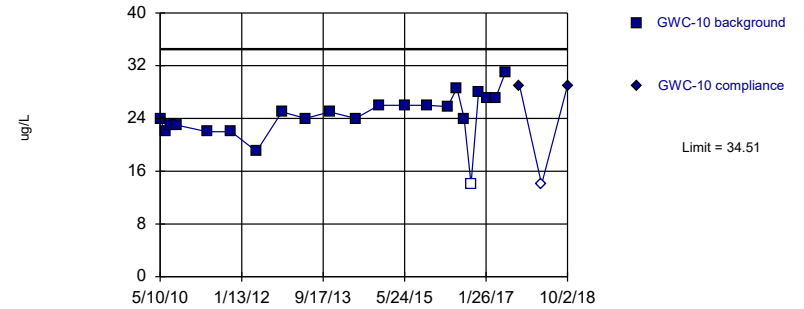
Background Data Summary: Mean=23.6, Std. Dev.=4.817, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9073, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



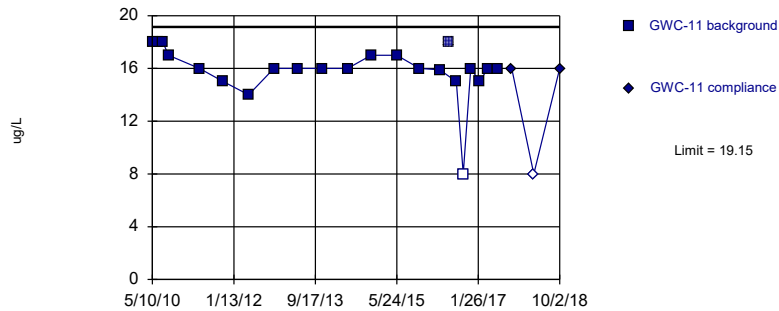
Background Data Summary: Mean=24.38, Std. Dev.=3.5, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9265, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



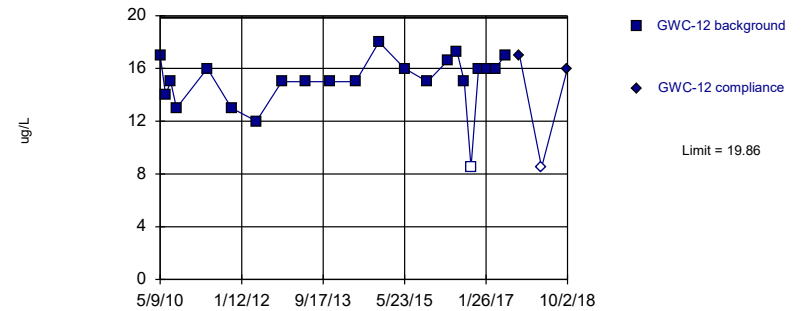
Background Data Summary (based on x^4 transformation): Mean=67315, Std. Dev.=23185, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8838, critical = 0.873. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric

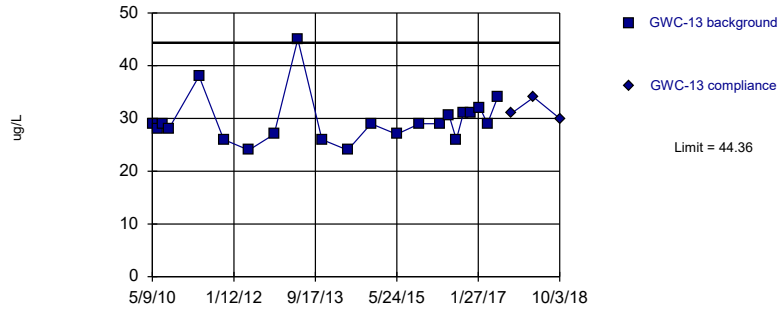


Background Data Summary (based on square transformation): Mean=231, Std. Dev.=56.52, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.923, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

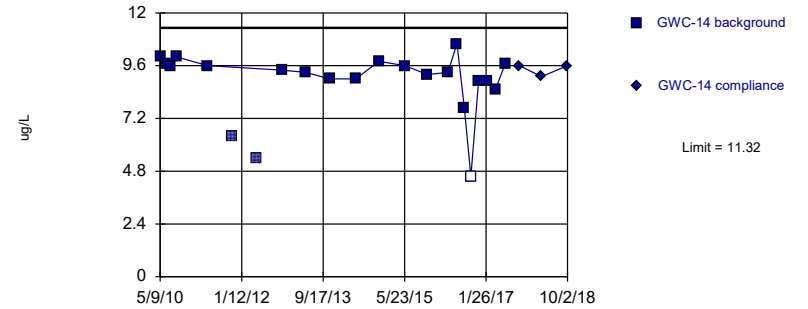


Background Data Summary (based on natural log transformation): Mean=3.378, Std. Dev.=0.1432, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8855, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

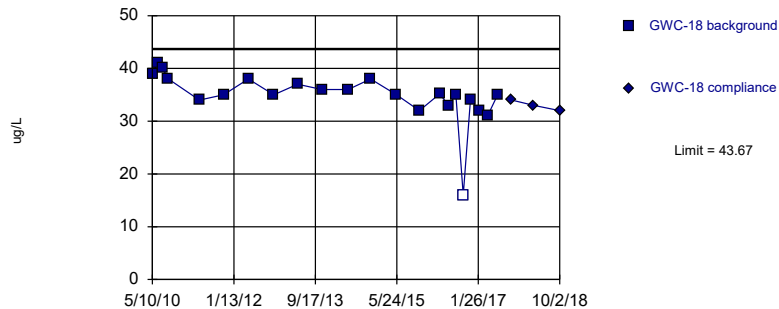


Background Data Summary (based on cube transformation): Mean=793, Std. Dev.=227, n=20, 5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8809, critical = 0.868. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

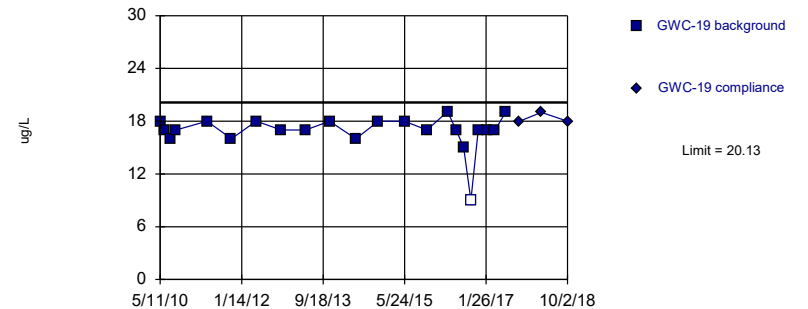


Background Data Summary (based on cube transformation): Mean=44217, Std. Dev.=13504, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9266, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

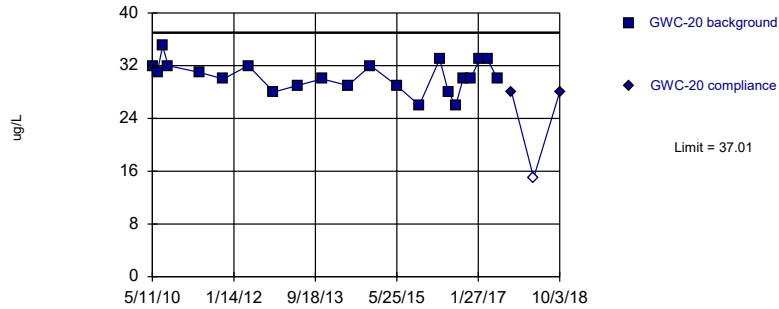


Background Data Summary (based on x^4 transformation): Mean=86307, Std. Dev.=26916, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8872, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

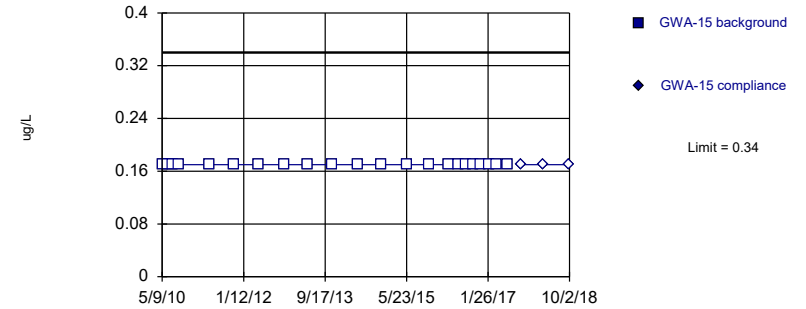


Background Data Summary: Mean=30.41, Std. Dev.=2.282, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9653, critical = 0.878. Kappa overridden to 2.894.

Constituent: Barium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

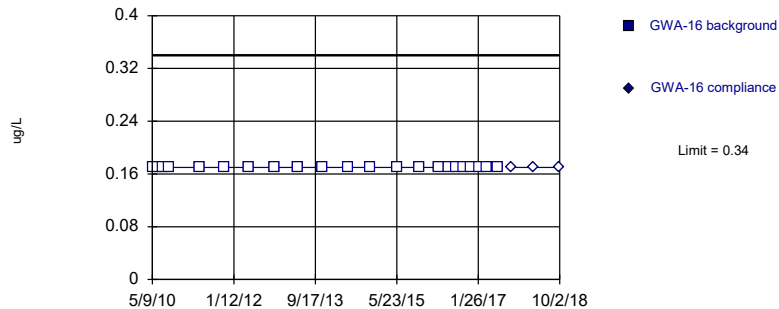


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

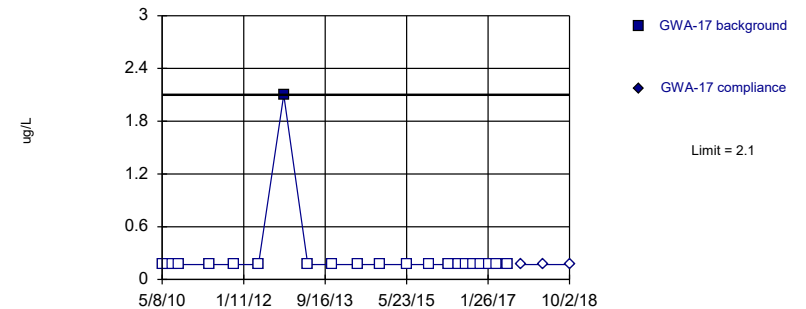


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



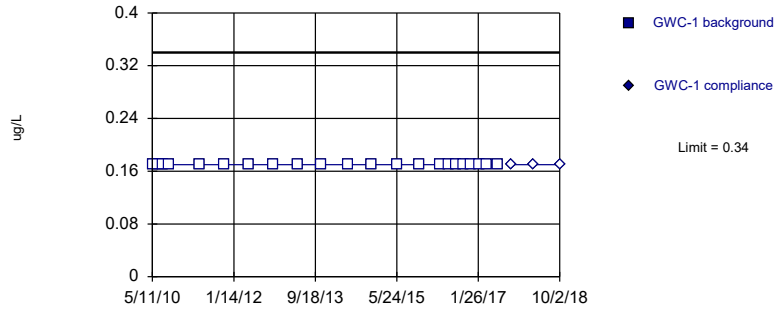
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



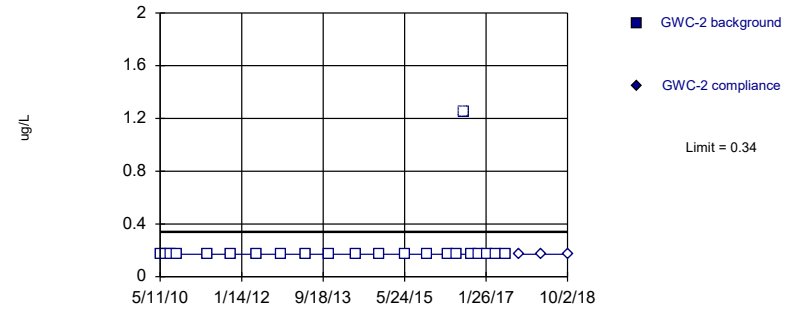
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



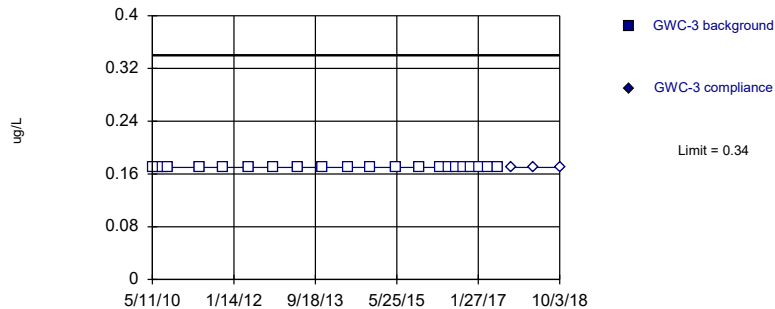
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



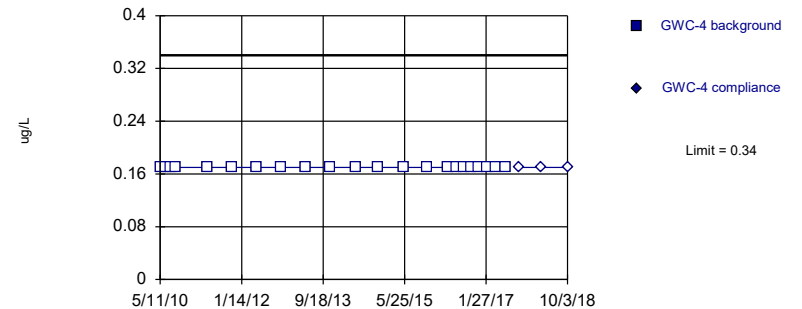
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

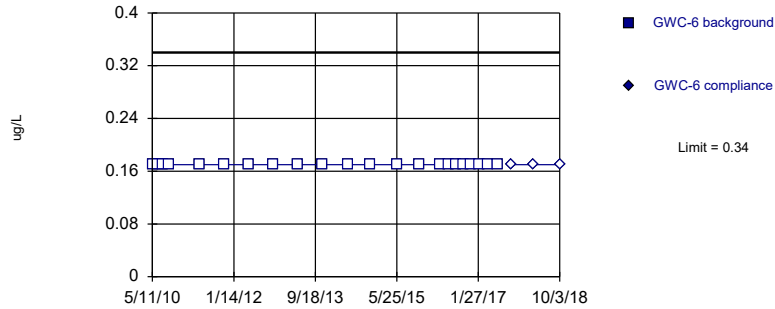


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

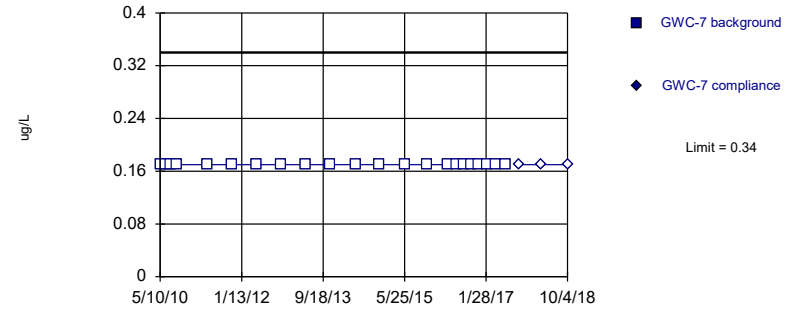


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
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Within Limit Prediction Limit
Intrawell Non-parametric

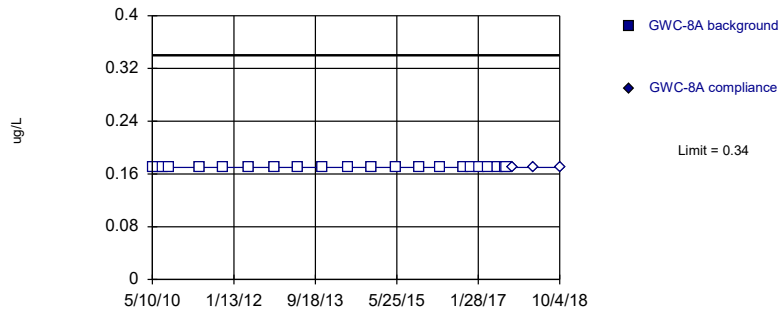


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Within Limit Prediction Limit
Intrawell Non-parametric

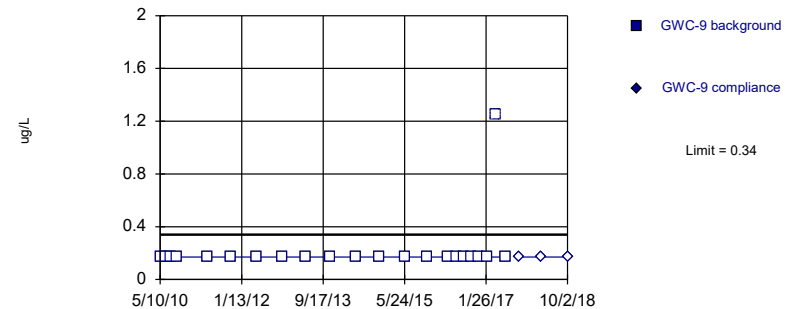


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Within Limit Prediction Limit
Intrawell Non-parametric



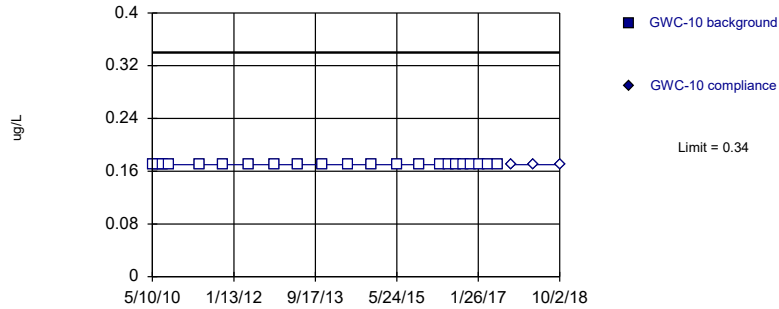
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



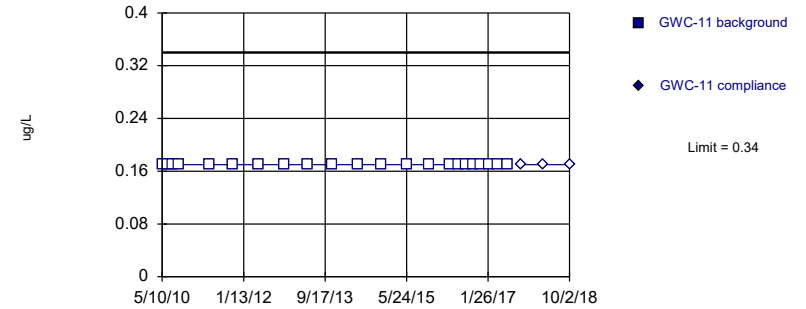
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



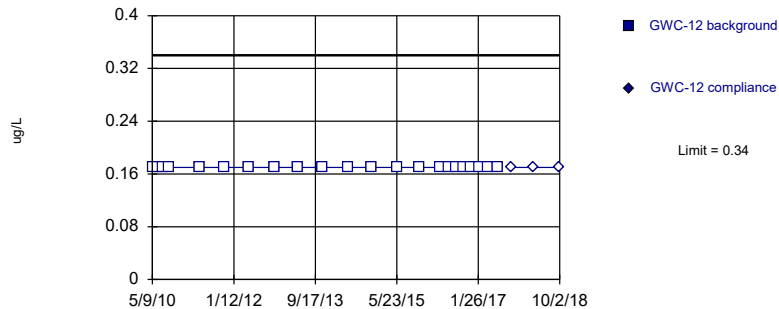
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



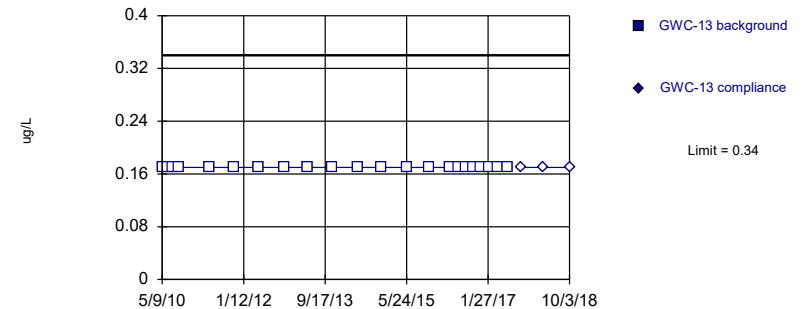
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



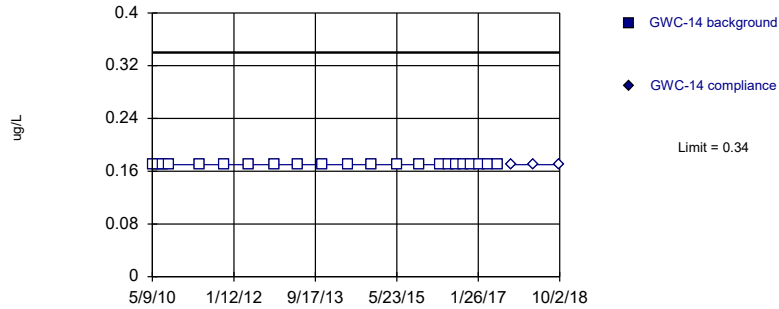
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



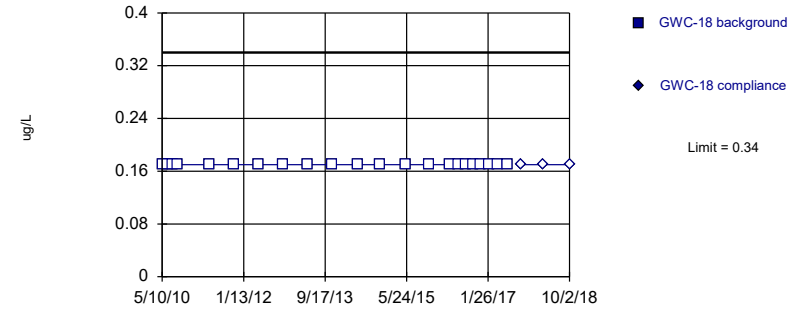
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



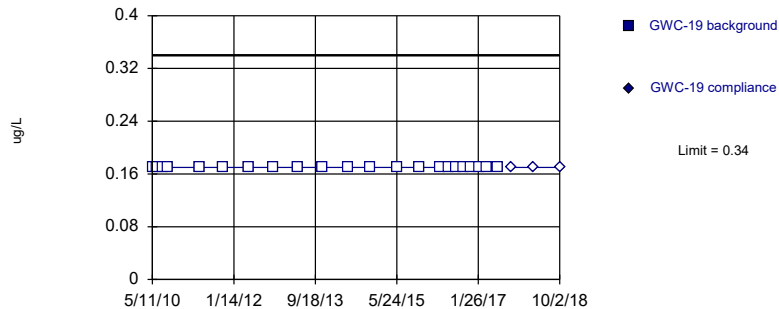
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



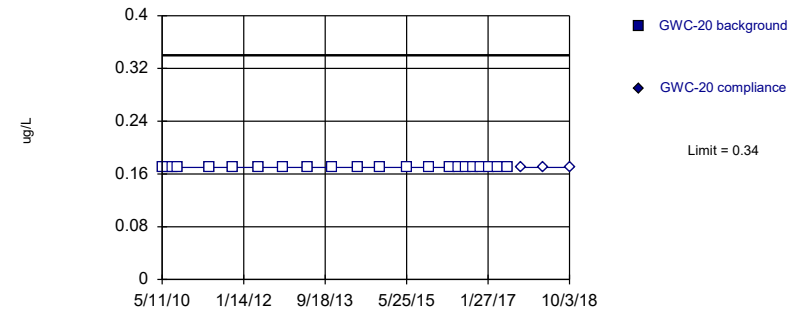
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

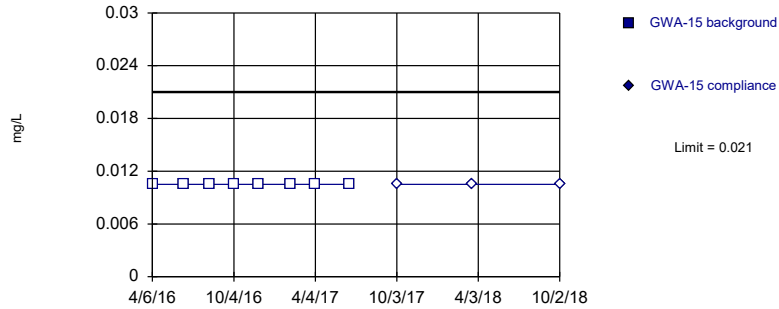
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

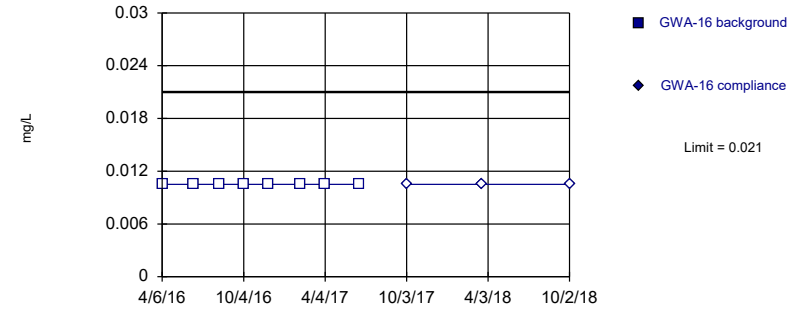
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

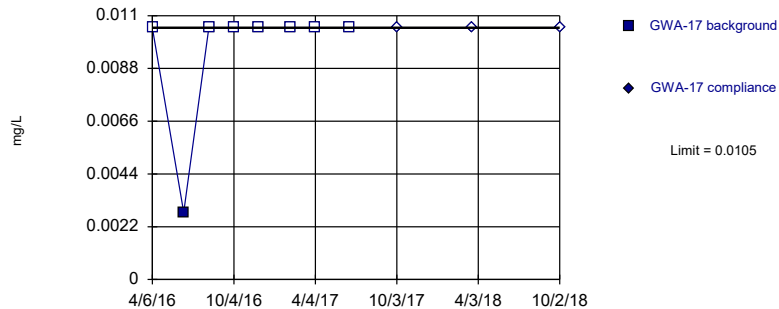
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

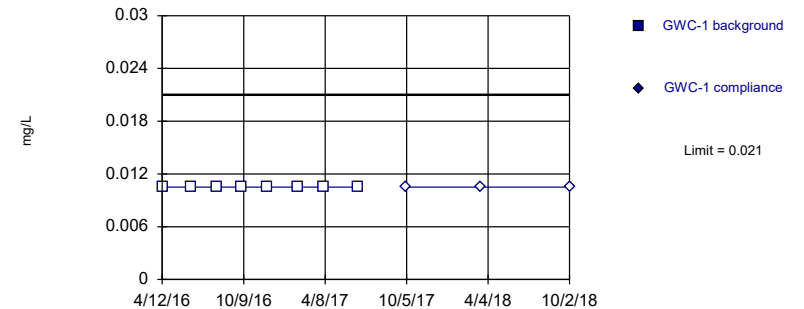
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

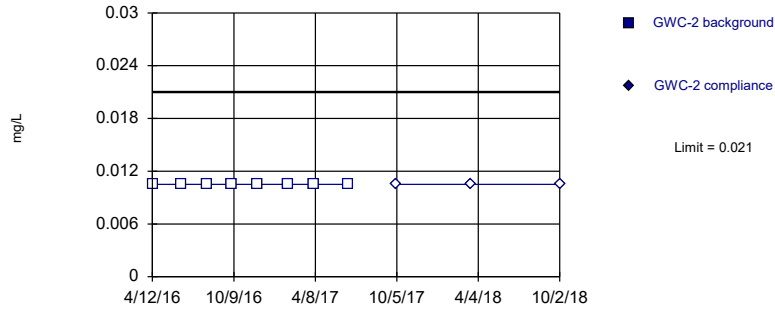


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

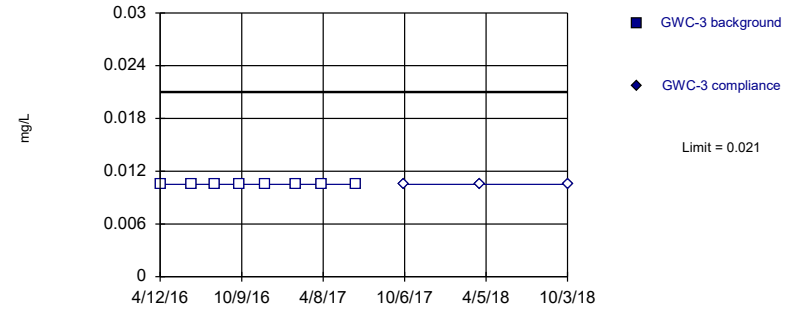


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

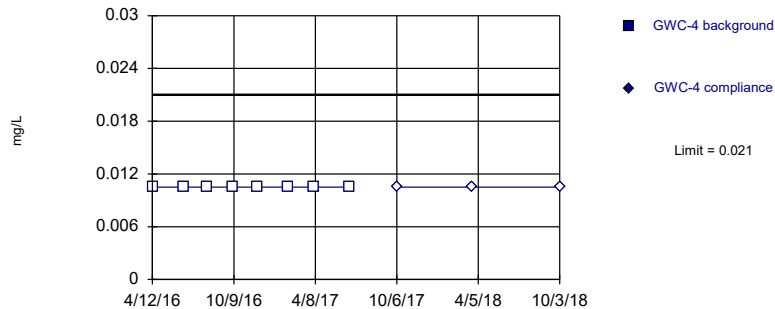


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

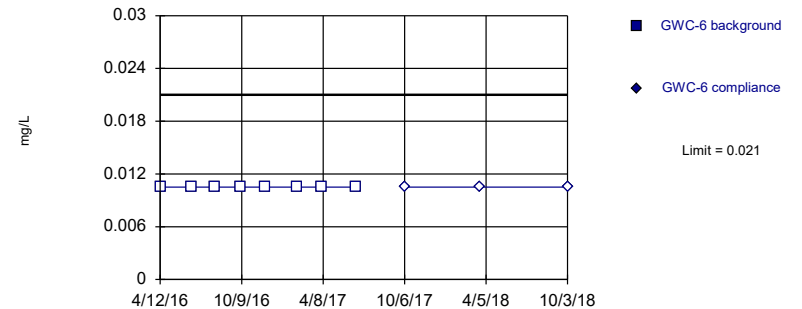


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

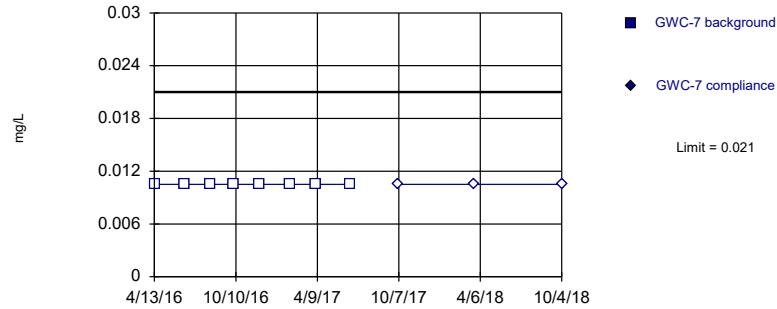
Prediction Limit
Intrawell Non-parametric



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Constituent: Boron Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

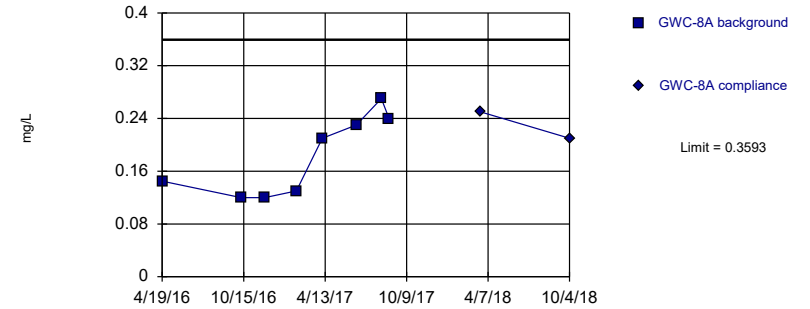
Within Limit Prediction Limit
 Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

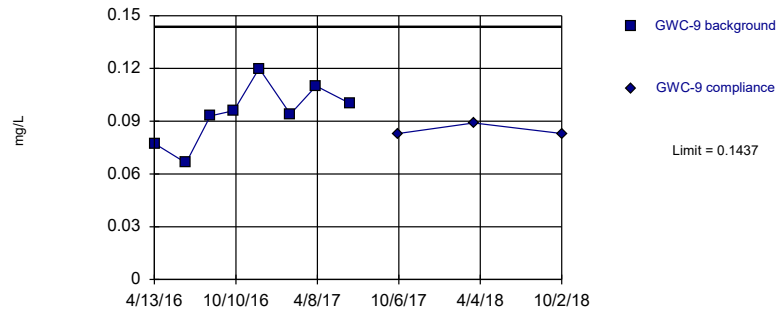
Within Limit Prediction Limit
 Intrawell Parametric



Background Data Summary: Mean=0.1831, Std. Dev.=0.06088, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8651, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

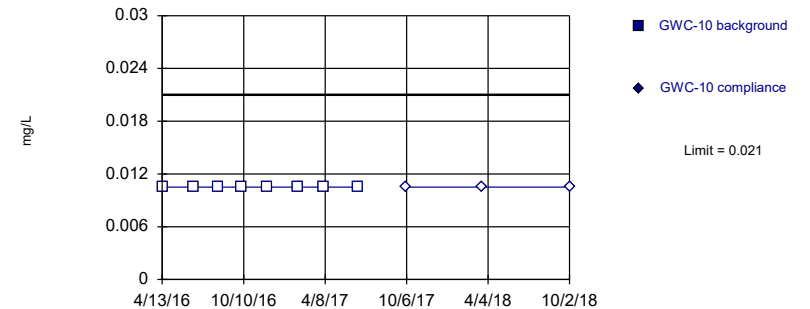
Within Limit Prediction Limit
 Intrawell Parametric



Background Data Summary: Mean=0.09459, Std. Dev.=0.01696, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9681, critical = 0.749. Kappa overridden to 2.894.

Constituent: Boron Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
 Intrawell Non-parametric

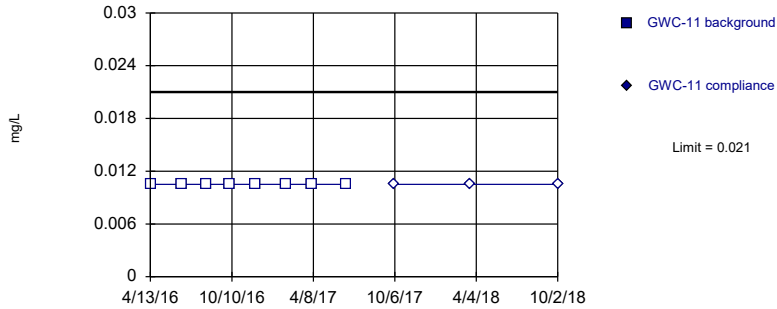


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

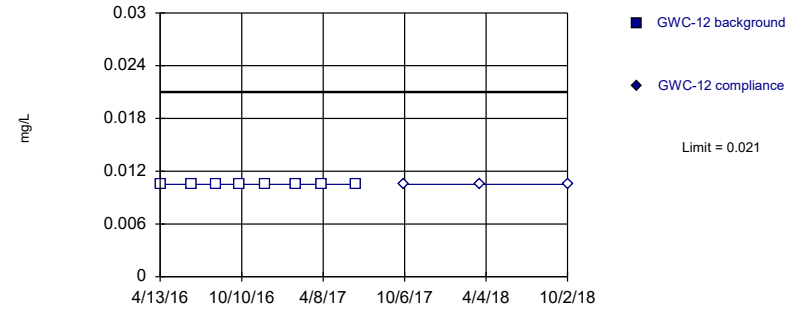


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Constituent: Boron Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

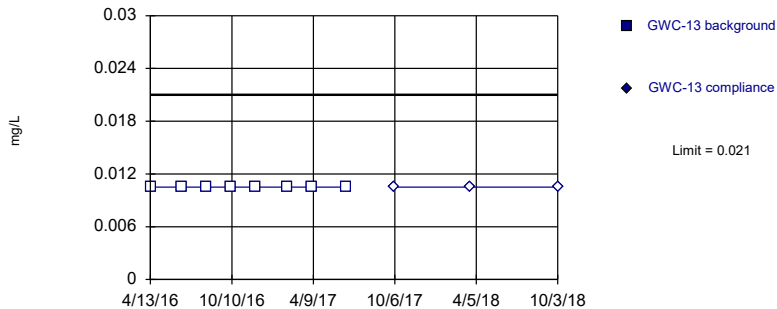


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Constituent: Boron Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

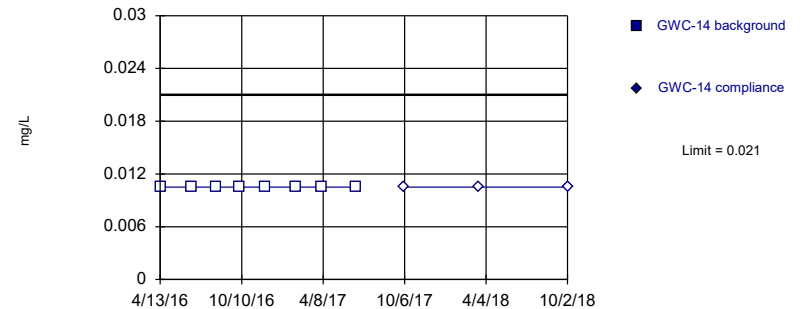


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Constituent: Boron Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

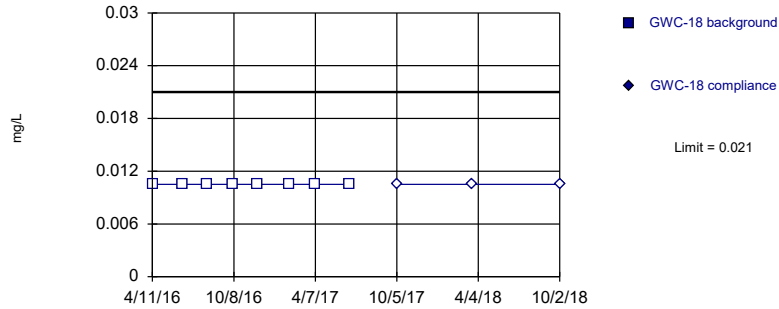
Prediction Limit
Intrawell Non-parametric



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Constituent: Boron Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

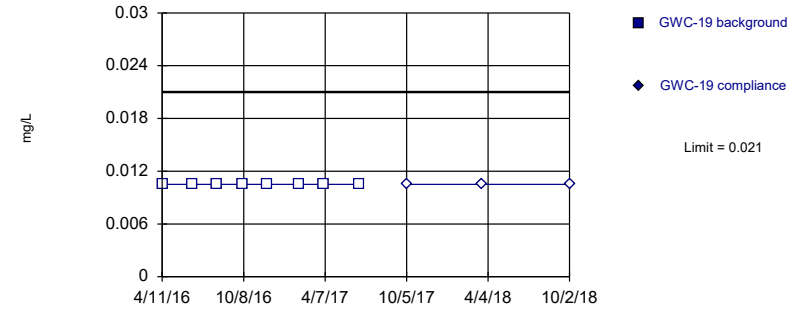
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Boron Analysis Run 12/12/2018 1:54 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

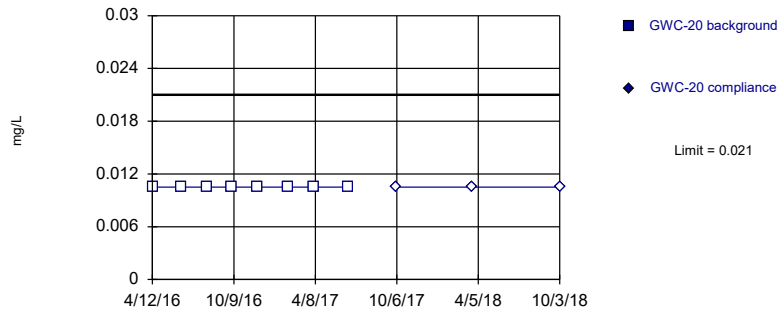
Within Limit Prediction Limit
Intrawell Non-parametric



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Constituent: Boron Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

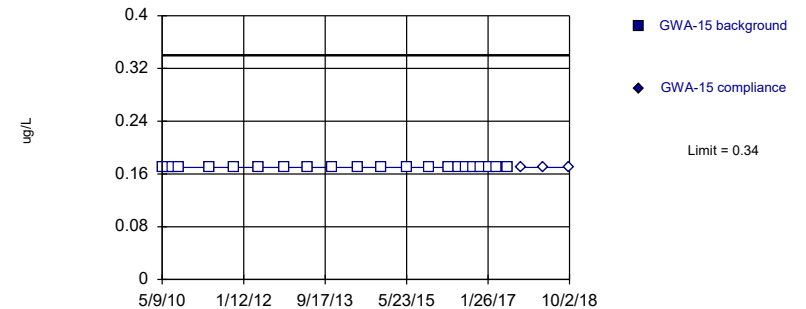
Within Limit Prediction Limit
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Constituent: Boron Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric



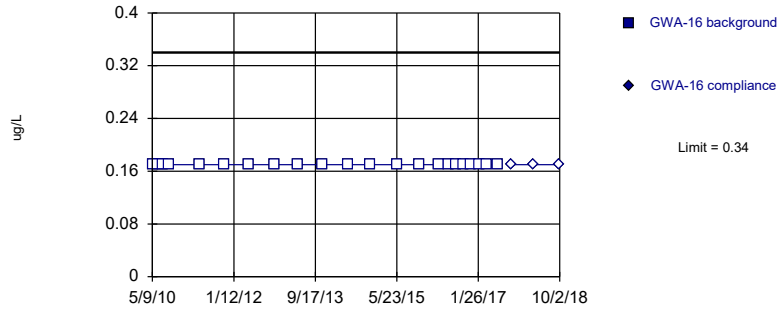
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



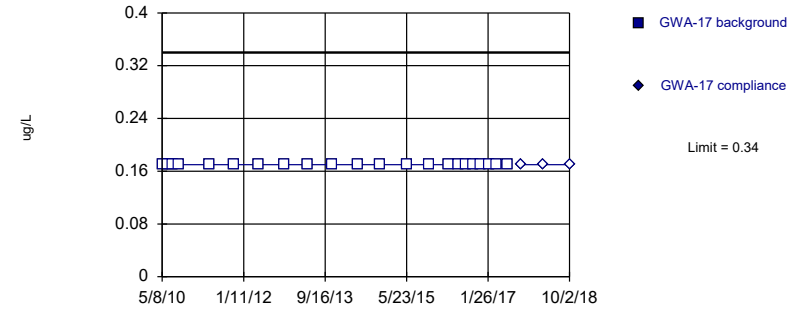
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



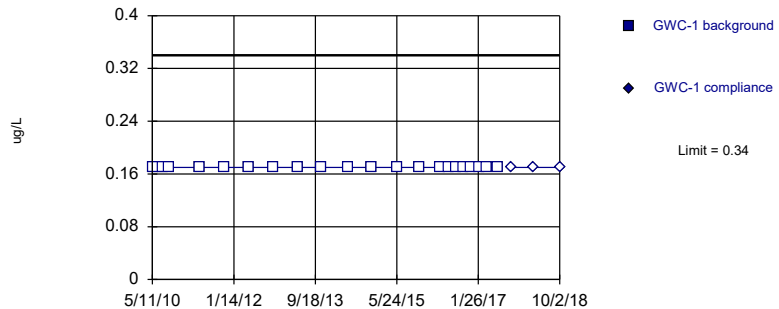
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Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



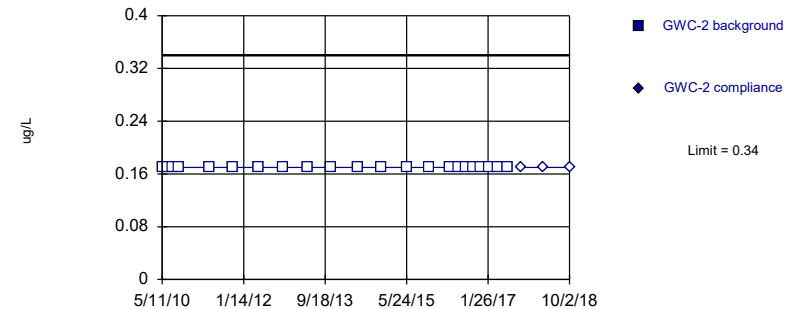
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



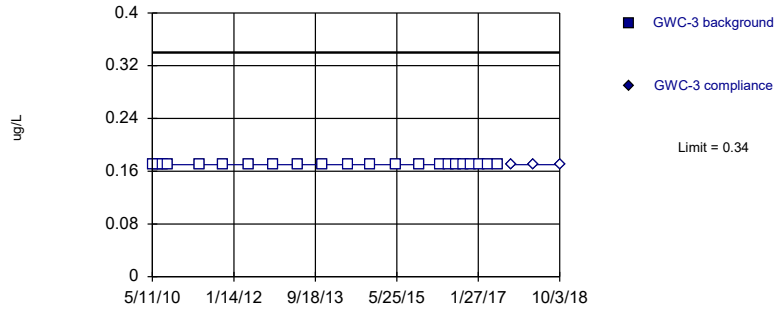
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



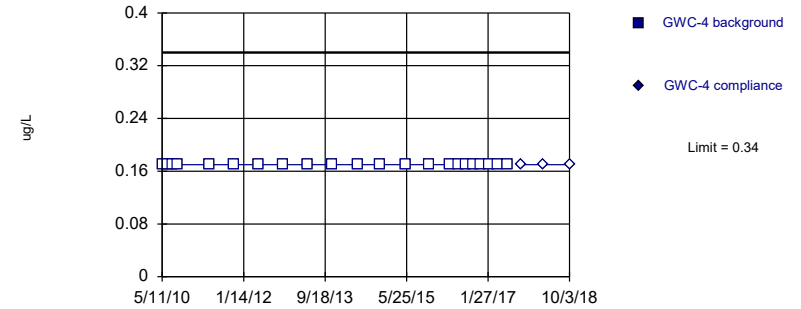
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



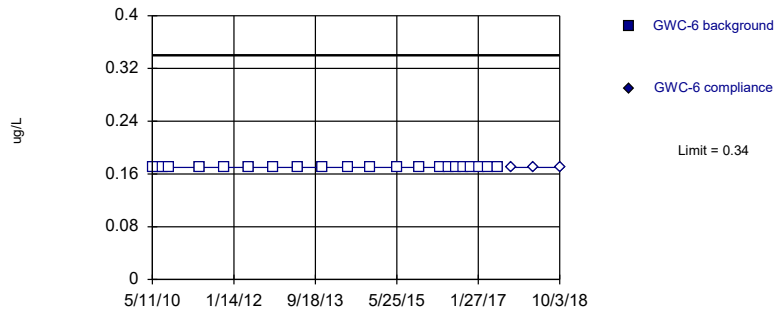
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



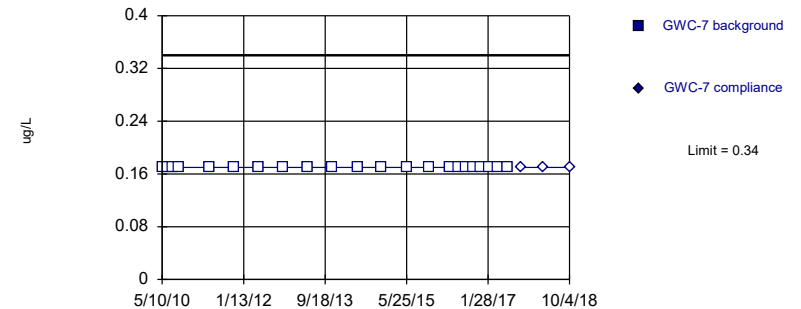
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

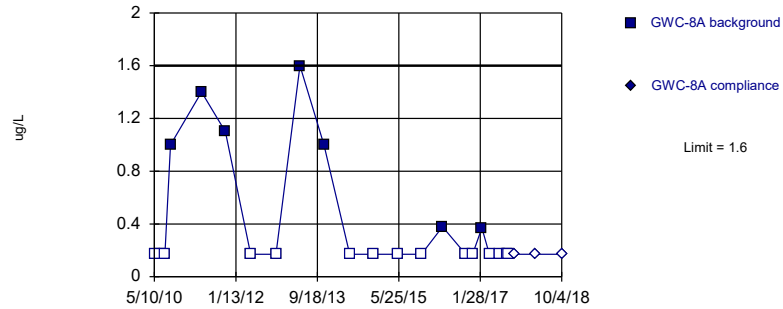


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

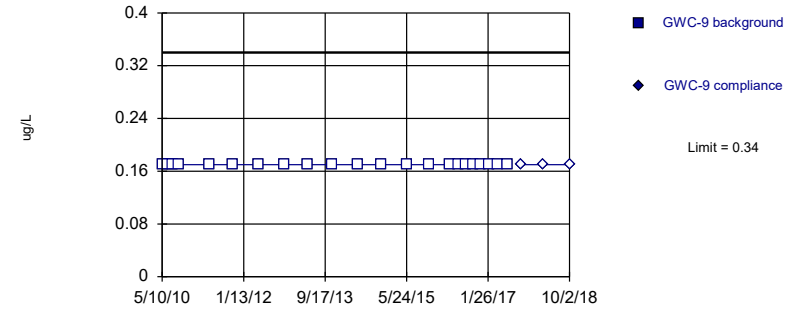


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 68.18% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

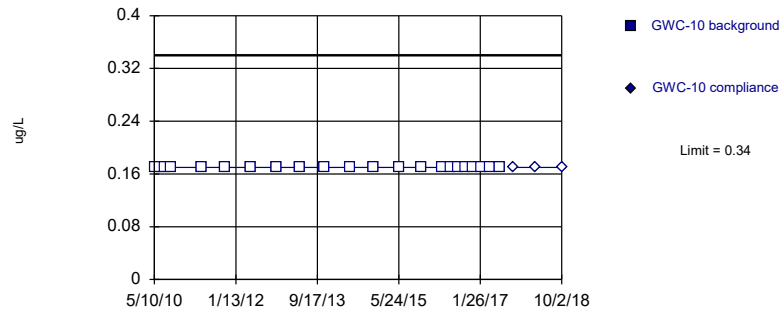


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

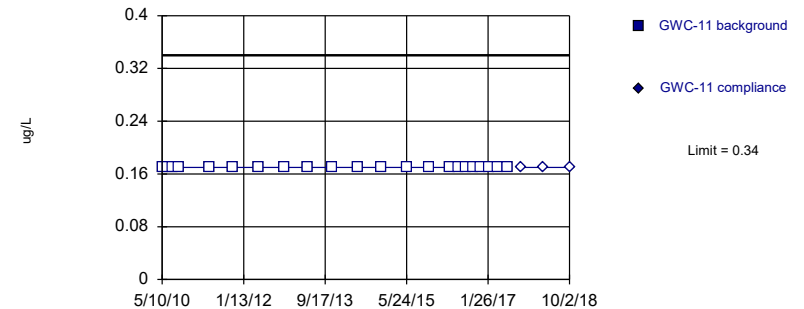


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



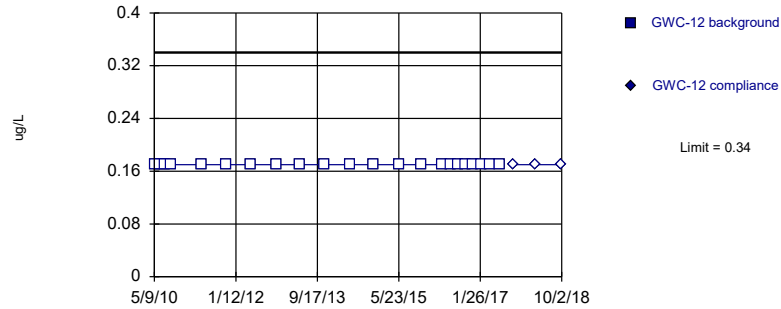
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



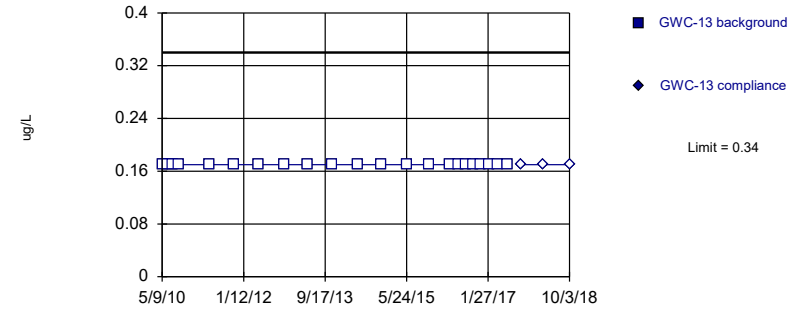
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



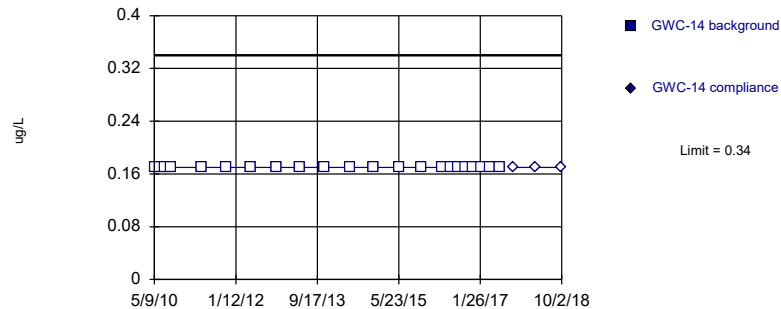
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



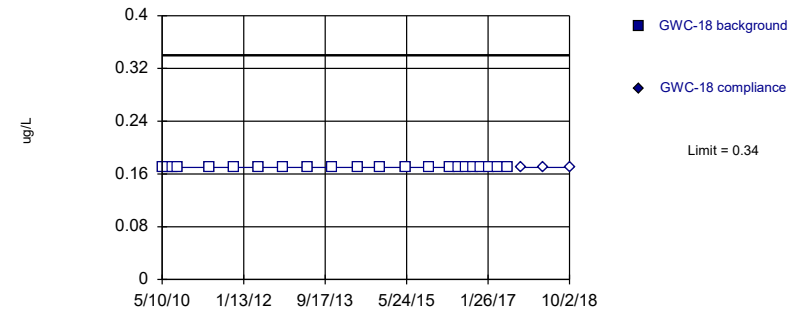
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

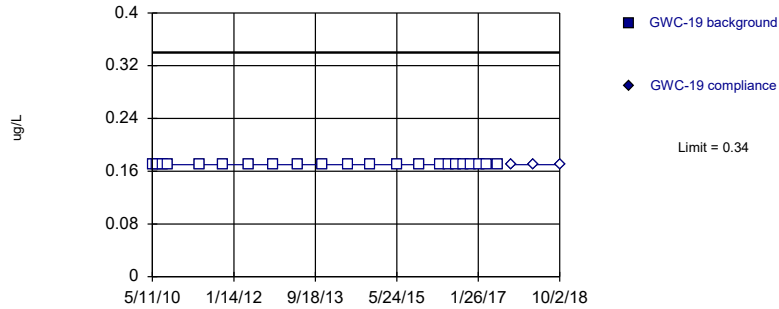
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

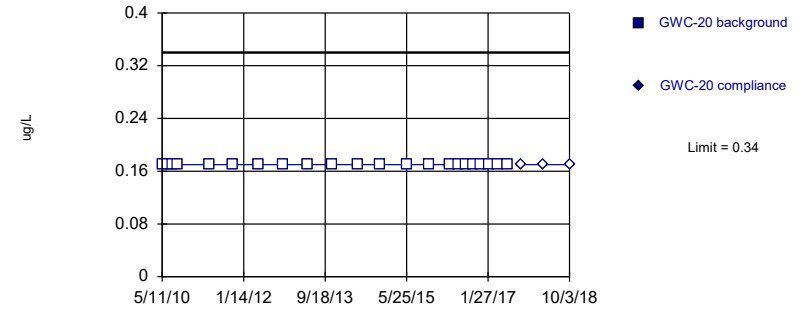
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

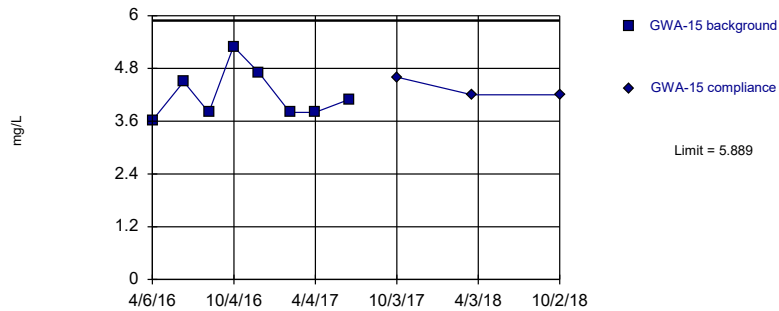
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

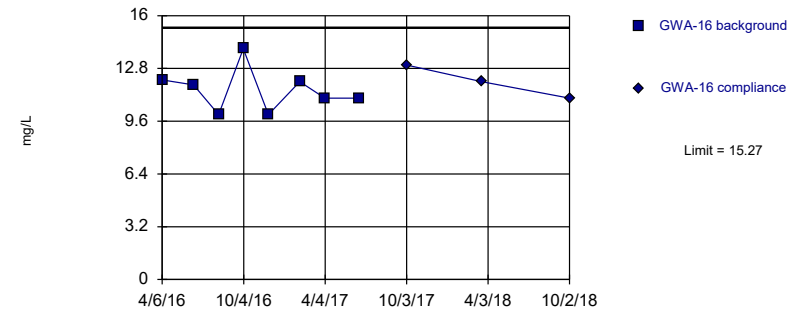
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=4.203, Std. Dev.=0.5826, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.873, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

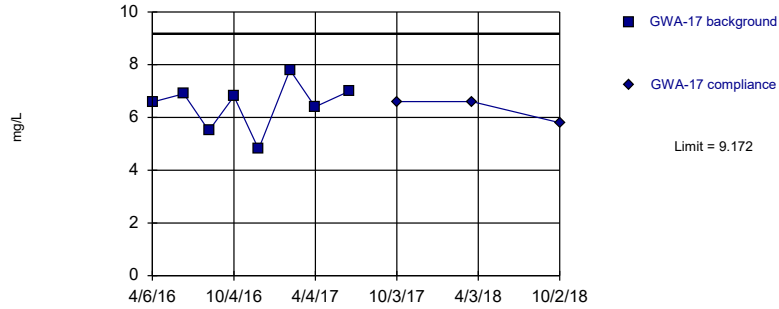
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=11.49, Std. Dev.=1.307, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9138, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

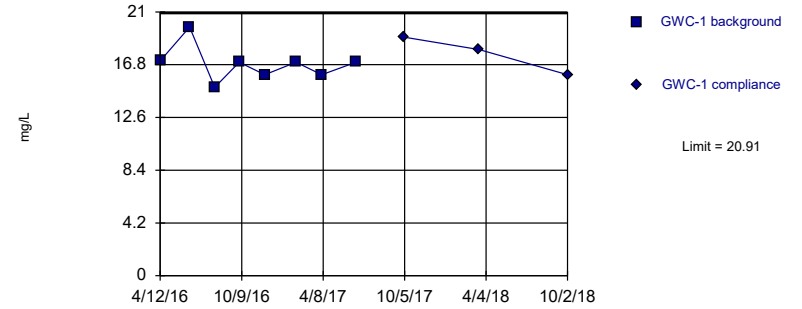
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.473, Std. Dev.=0.9328, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9377, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

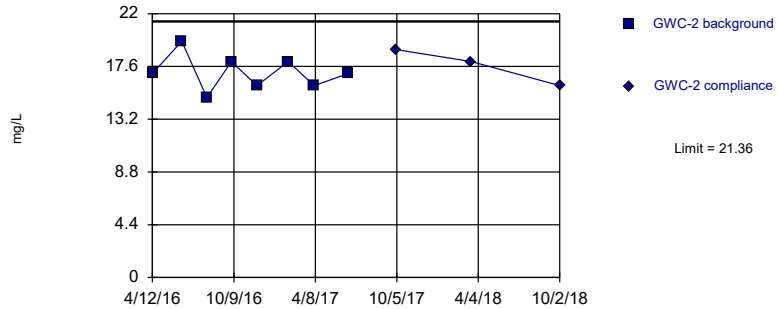
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=16.86, Std. Dev.=1.399, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8575, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

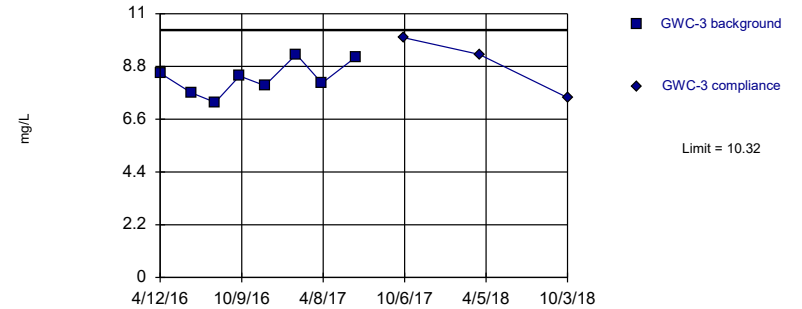
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=17.09, Std. Dev.=1.475, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9611, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

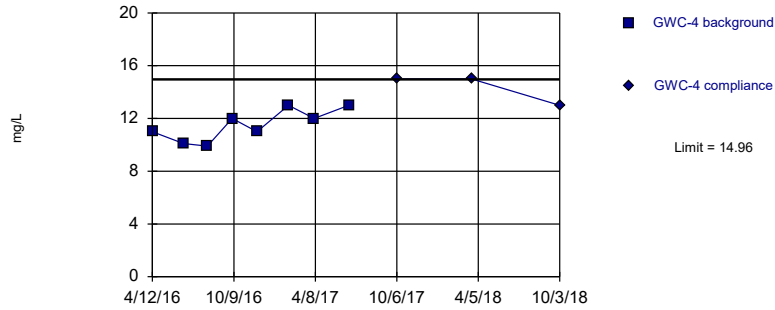
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=8.315, Std. Dev.=0.6925, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9572, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

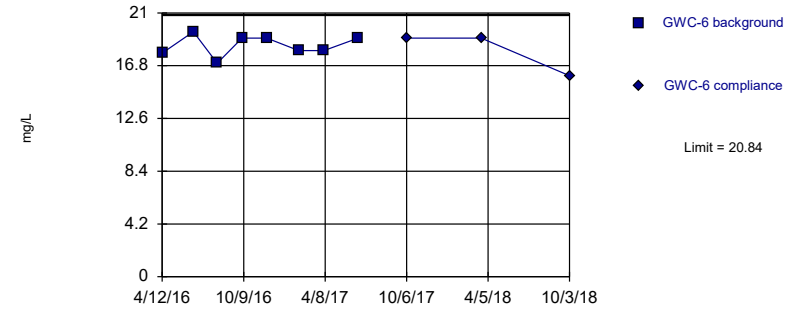
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=11.5, Std. Dev.=1.196, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9127, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

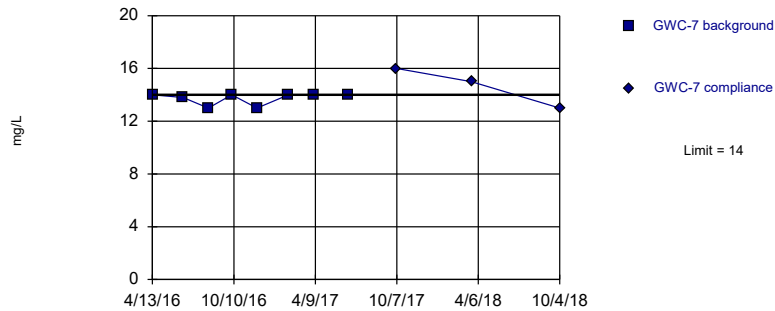
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=18.41, Std. Dev.=0.8391, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9145, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

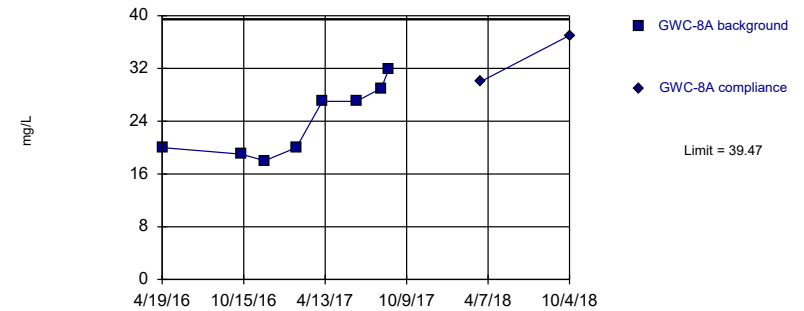
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Parametric

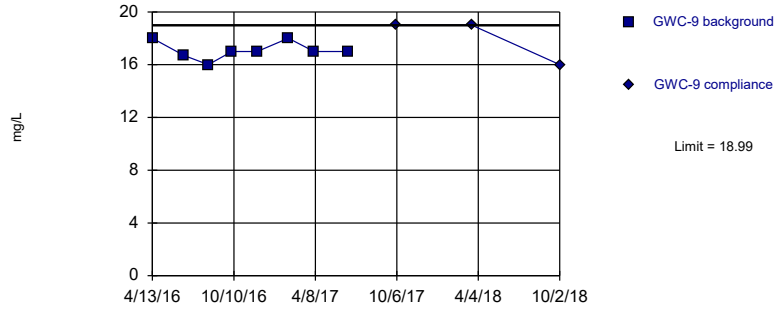


Background Data Summary: Mean=24, Std. Dev.=5.345, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8778, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

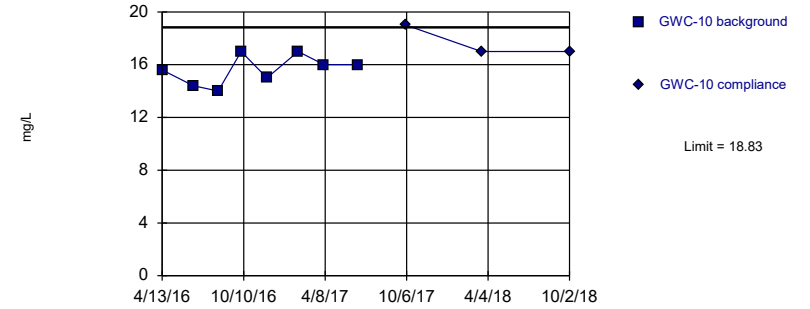


Background Data Summary: Mean=17.09, Std. Dev.=0.6578, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8683, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

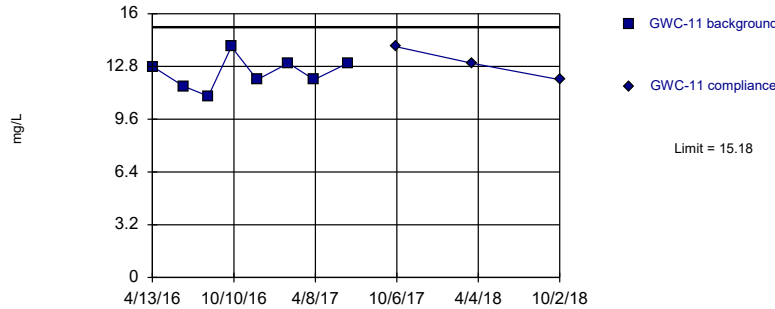


Background Data Summary: Mean=15.63, Std. Dev.=1.108, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9351, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

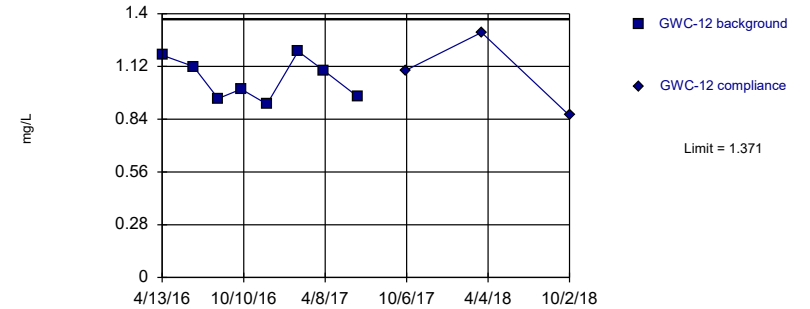


Background Data Summary: Mean=12.43, Std. Dev.=0.9528, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.966, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

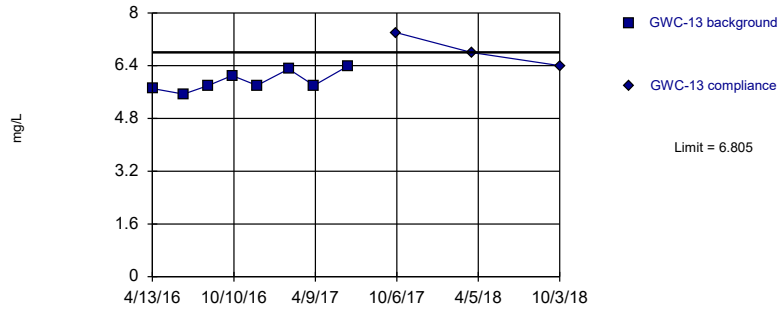
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.054, Std. Dev.=0.1097, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.903, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

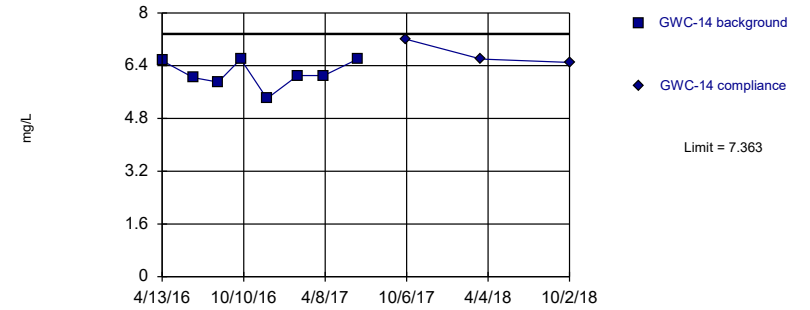
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=5.931, Std. Dev.=0.3019, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9042, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

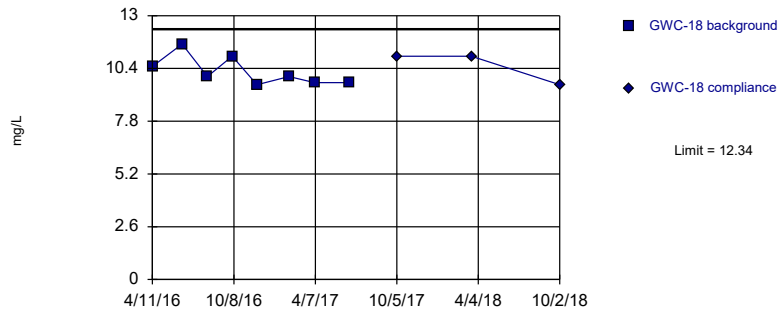
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.161, Std. Dev.=0.4151, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.891, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

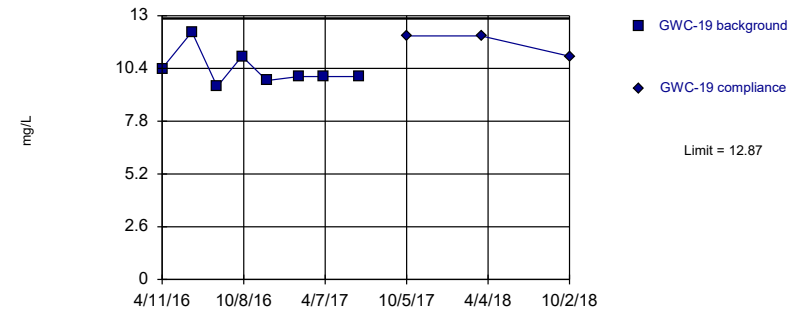
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=10.26, Std. Dev.=0.717, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8619, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Parametric

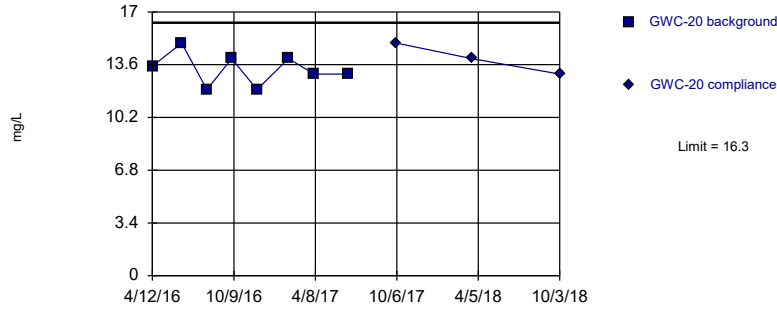


Background Data Summary: Mean=10.36, Std. Dev.=0.8651, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8286, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

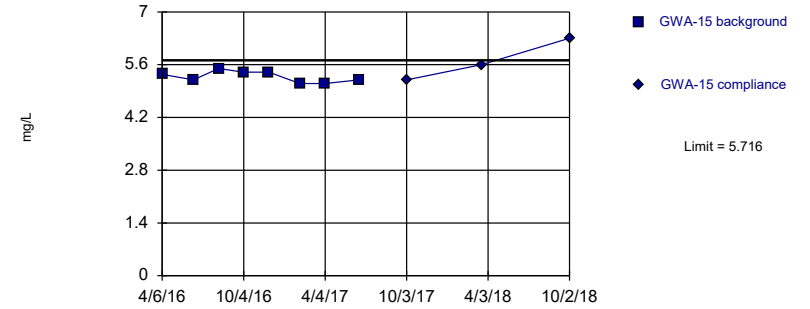


Background Data Summary: Mean=13.31, Std. Dev.=1.033, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9408, critical = 0.749. Kappa overridden to 2.894.

Constituent: Calcium Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

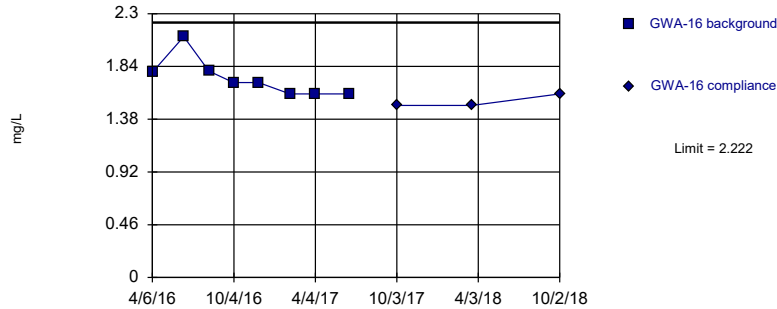


Background Data Summary: Mean=5.28, Std. Dev.=0.1505, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9094, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

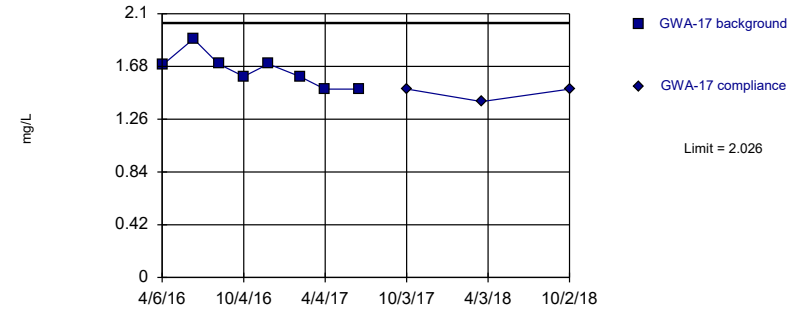


Background Data Summary: Mean=1.736, Std. Dev.=0.168, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8054, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

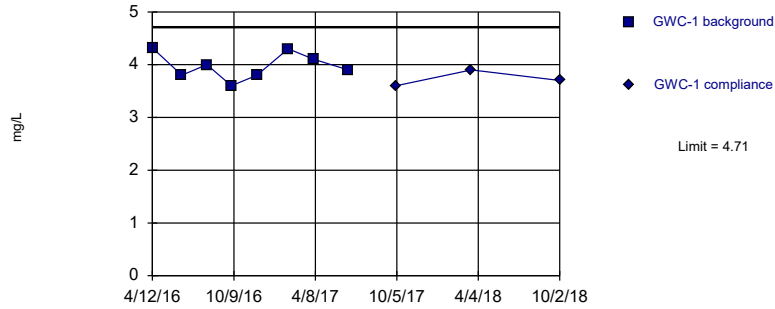
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.649, Std. Dev.=0.1304, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9025, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

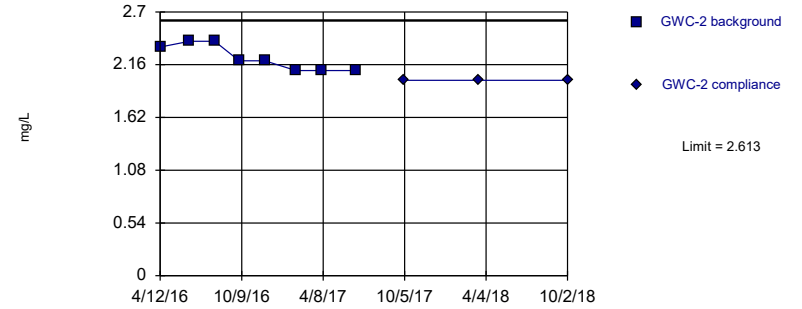
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.978, Std. Dev.=0.2531, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9477, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

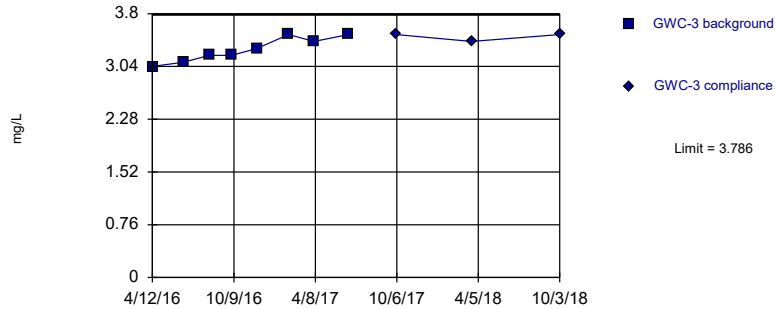
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.23, Std. Dev.=0.1322, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8278, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

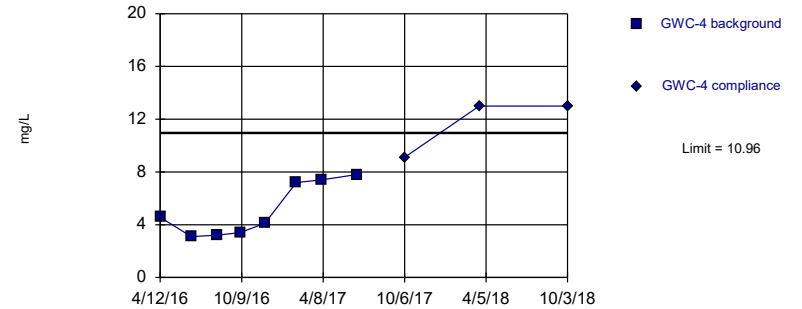
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.28, Std. Dev.=0.175, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9254, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

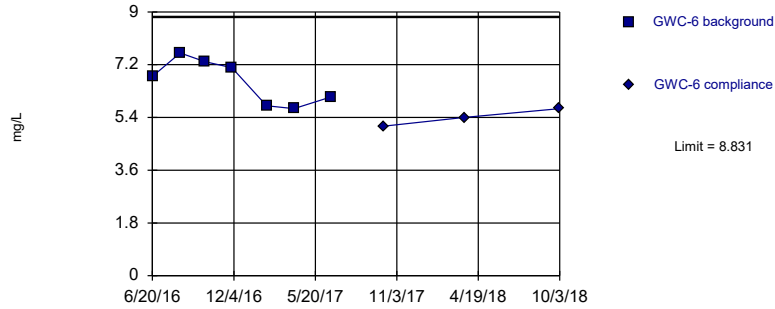
Exceeds Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=5.096, Std. Dev.=2.027, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8216, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

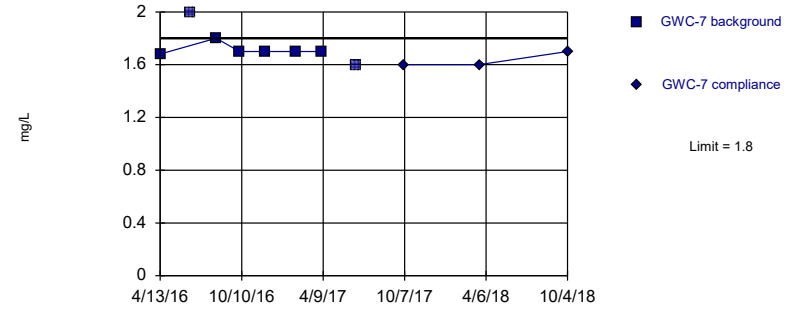
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.629, Std. Dev.=0.761, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.911, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

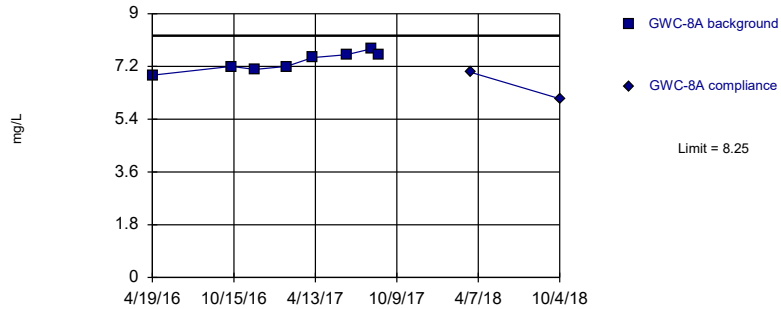
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 6 background values. Well-constituent pair annual alpha = 0.06667. Individual comparison alpha = 0.03391 (1 of 2).

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

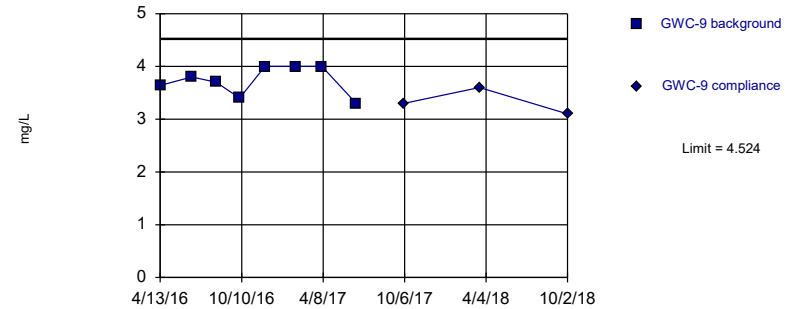
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=7.363, Std. Dev.=0.3068, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.946, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Parametric

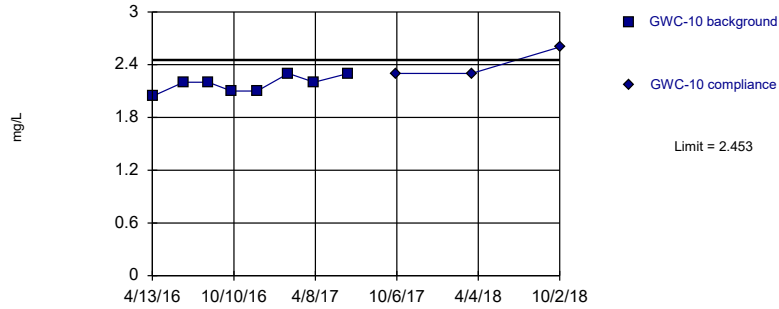


Background Data Summary: Mean=3.73, Std. Dev.=0.2742, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8832, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

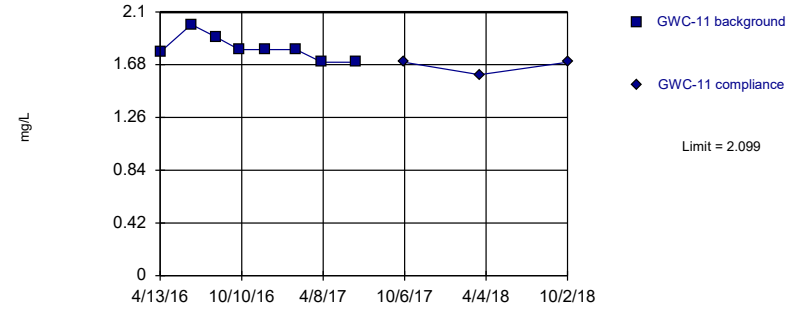


Background Data Summary: Mean=2.18, Std. Dev.=0.09442, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9082, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

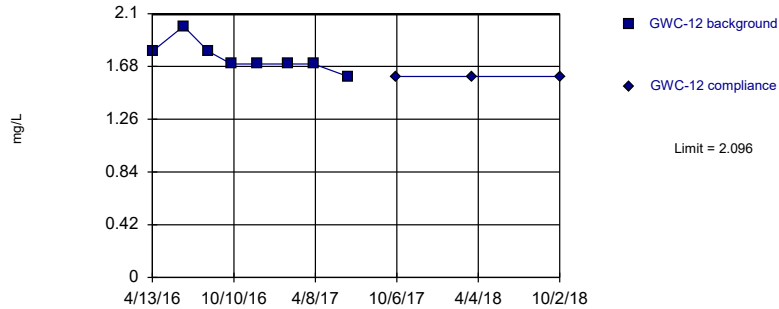


Background Data Summary: Mean=1.81, Std. Dev.=0.09971, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.886, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

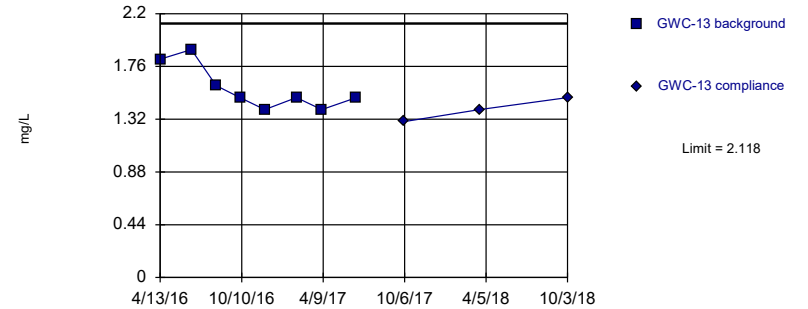


Background Data Summary: Mean=1.75, Std. Dev.=0.1195, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8477, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

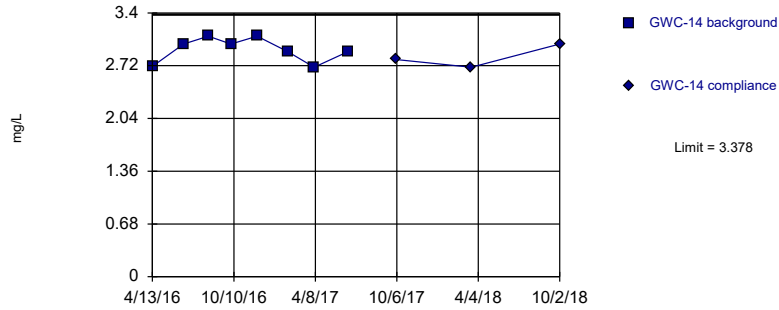


Background Data Summary: Mean=1.578, Std. Dev.=0.1868, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8395, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

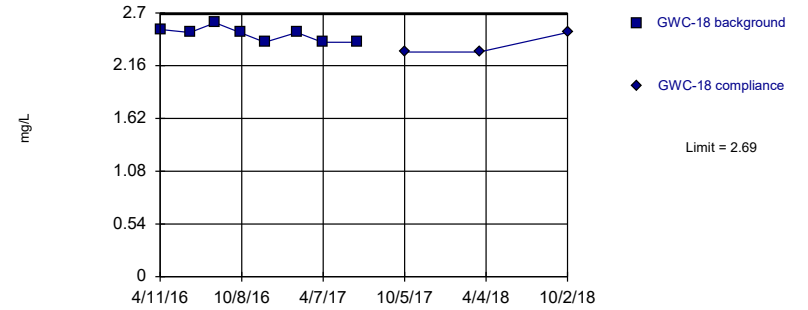


Background Data Summary: Mean=2.926, Std. Dev.=0.1561, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8849, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

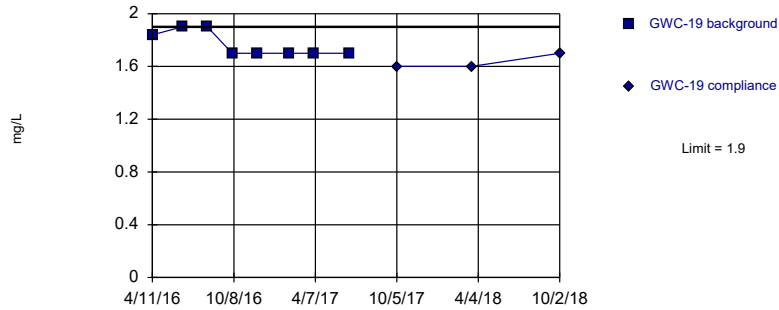


Background Data Summary: Mean=2.479, Std. Dev.=0.07298, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8651, critical = 0.749. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

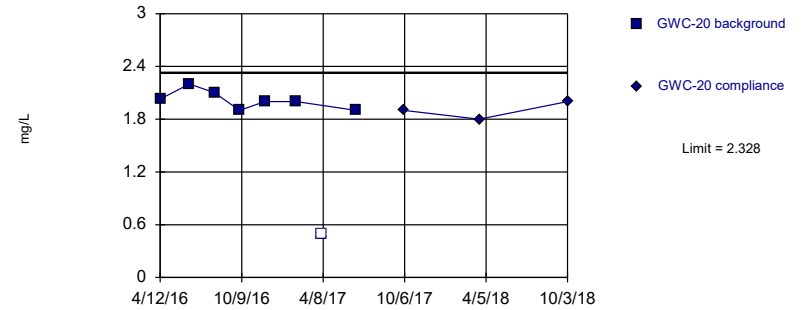


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

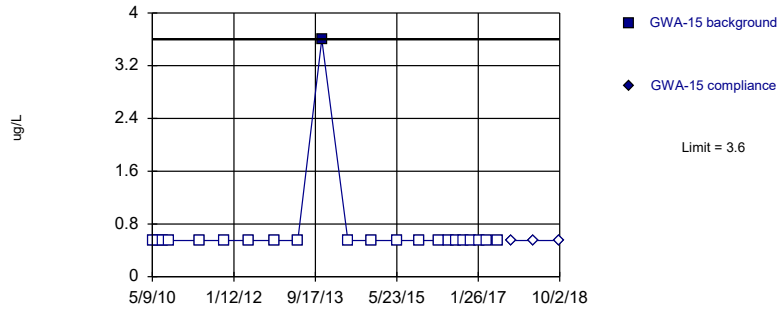


Background Data Summary: Mean=2.019, Std. Dev.=0.1068, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9259, critical = 0.73. Kappa overridden to 2.894.

Constituent: Chloride Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

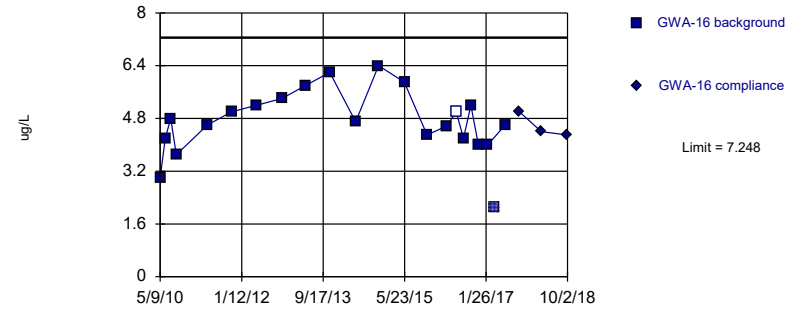


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

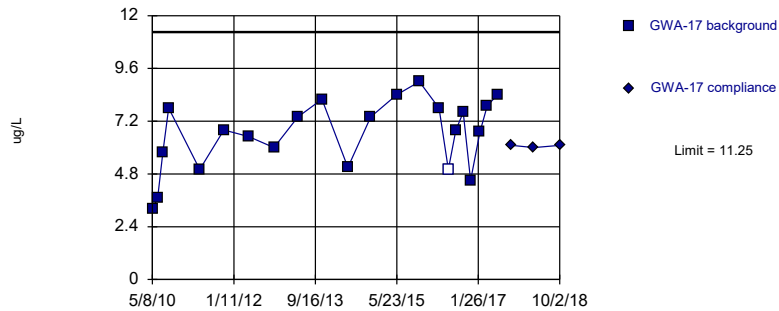


Background Data Summary: Mean=4.799, Std. Dev.=0.8465, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.983, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

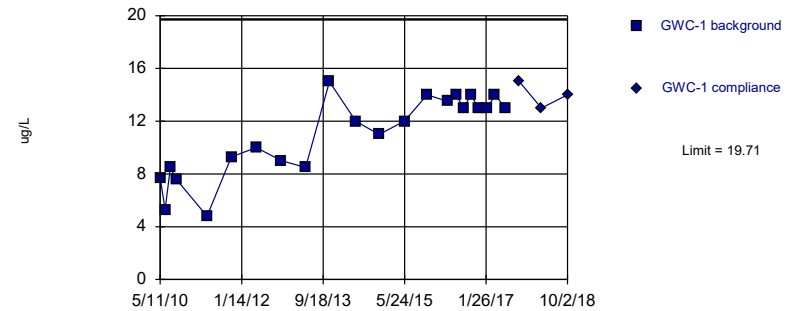


Background Data Summary: Mean=6.59, Std. Dev.=1.611, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9469, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric



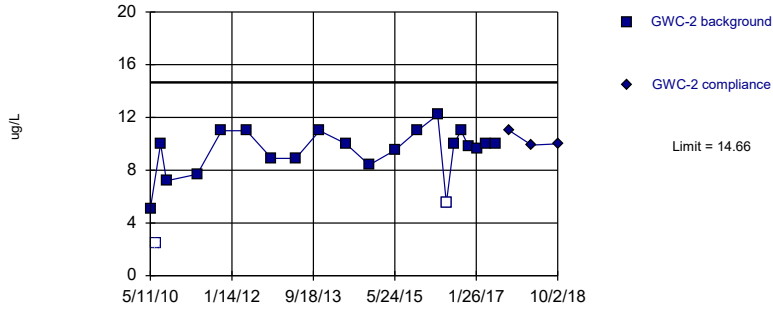
Background Data Summary: Mean=11.01, Std. Dev.=3.008, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9102, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



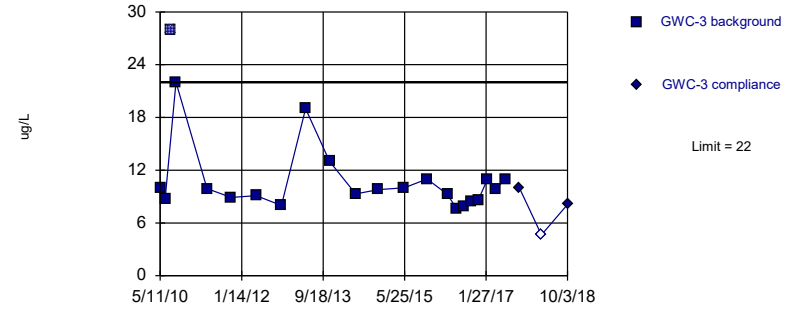
Background Data Summary: Mean=9.419, Std. Dev.=1.811, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8946, critical = 0.873. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



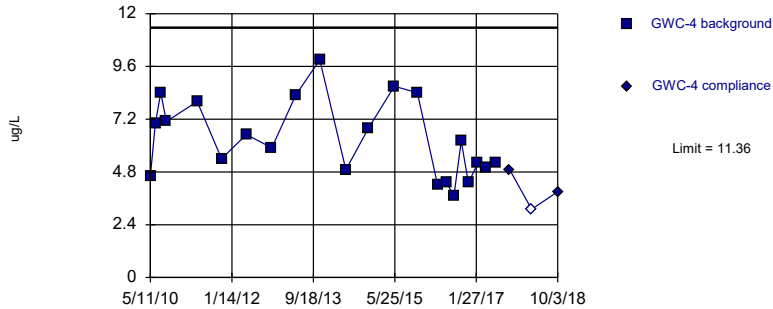
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chromium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



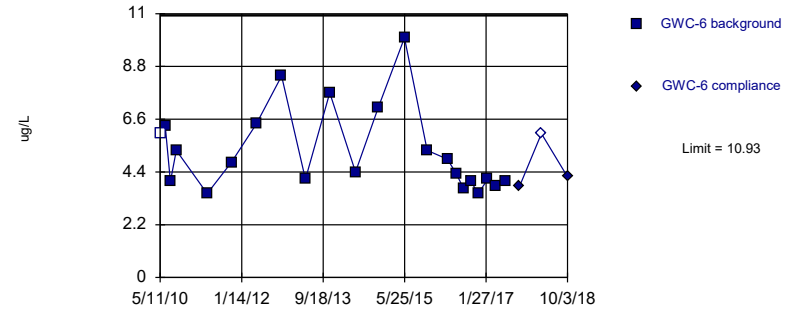
Background Data Summary: Mean=6.272, Std. Dev.=1.759, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9457, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric

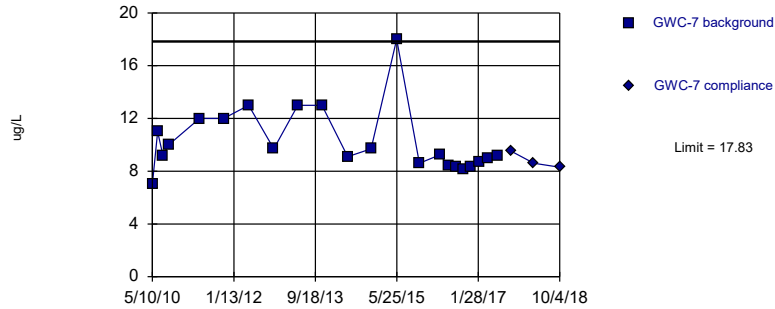


Background Data Summary (based on square root transformation): Mean=2.265, Std. Dev.=0.3598, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8898, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 12/12/2018 1:55 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

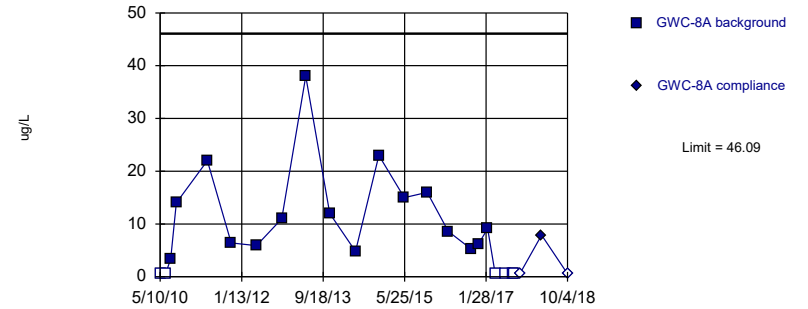


Background Data Summary (based on square root transformation): Mean=3.175, Std. Dev.=0.362, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8791, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric



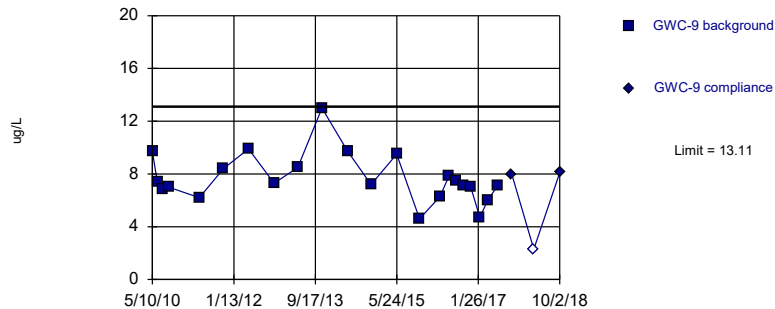
Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=2.73, Std. Dev.=1.403, n=22, 27.27% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9305, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric

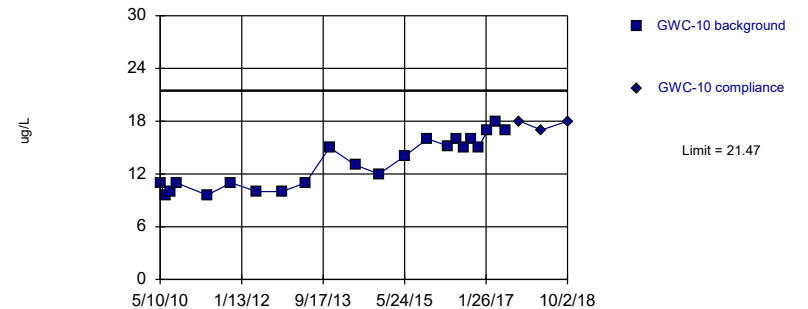


Background Data Summary: Mean=7.671, Std. Dev.=1.879, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9257, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

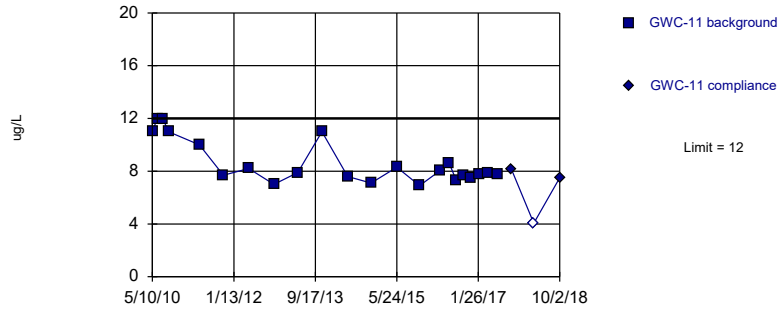


Background Data Summary: Mean=13.29, Std. Dev.=2.827, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9012, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

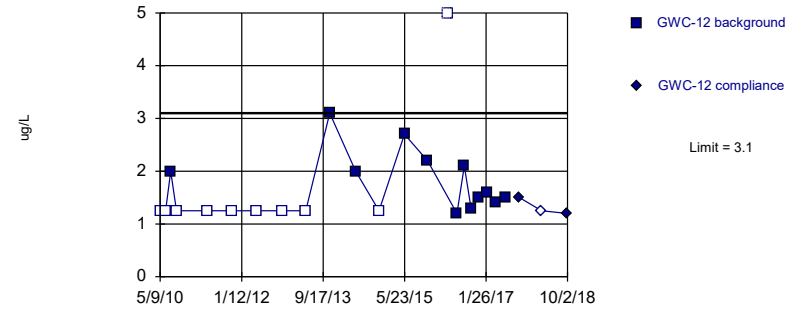


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

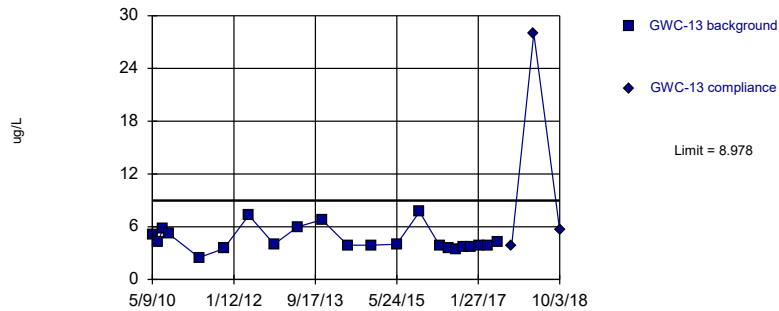


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 42.86% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chromium, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

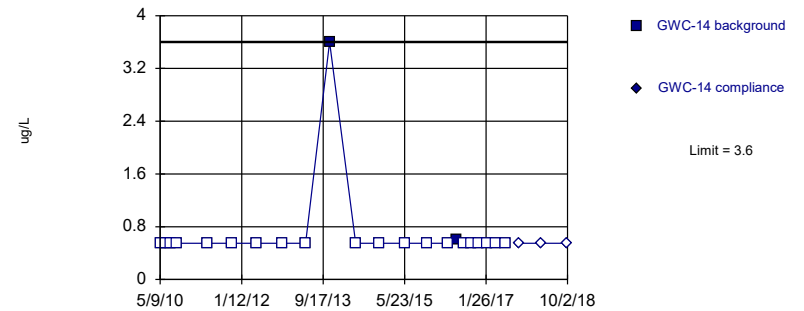


Background Data Summary (based on square root transformation): Mean=2.111, Std. Dev.=0.3059, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8876, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

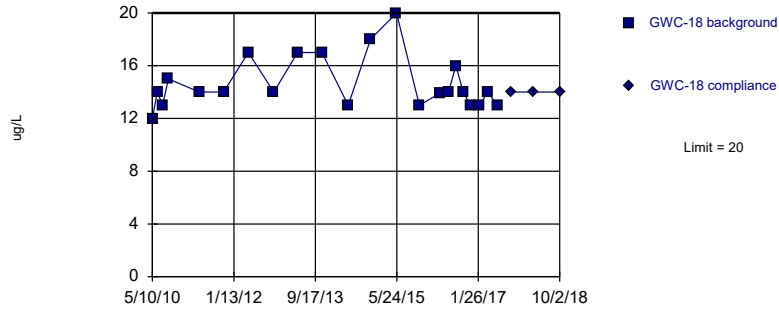


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

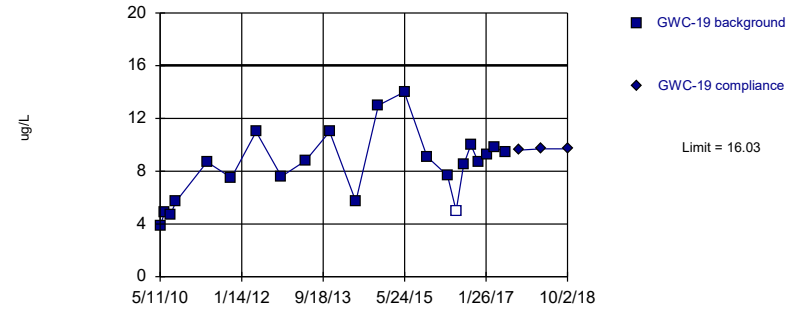


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

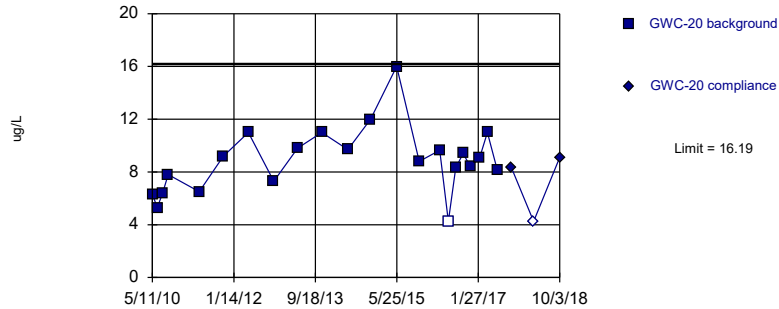


Background Data Summary: Mean=8.362, Std. Dev.=2.65, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9633, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

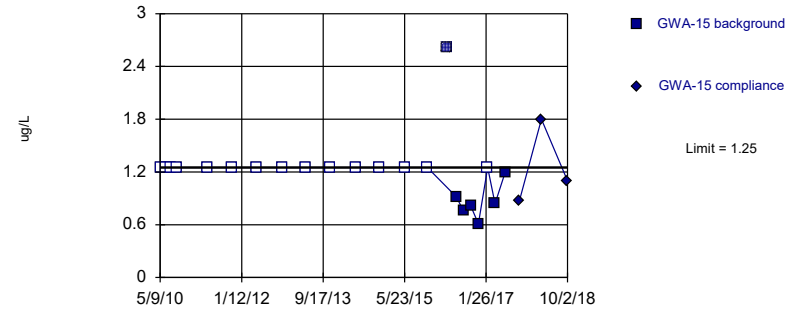


Background Data Summary: Mean=8.877, Std. Dev.=2.526, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9539, critical = 0.878. Kappa overridden to 2.894.

Constituent: Chromium, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

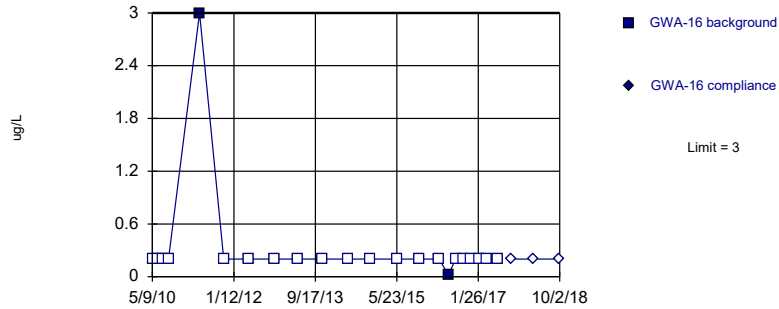


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

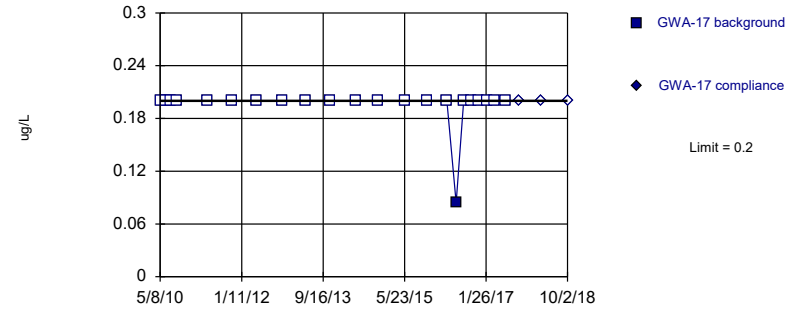


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

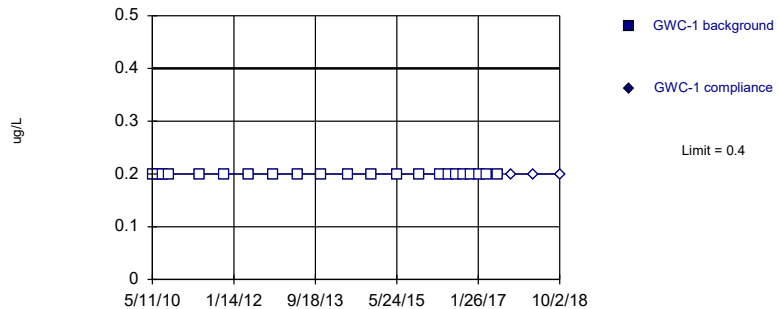


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

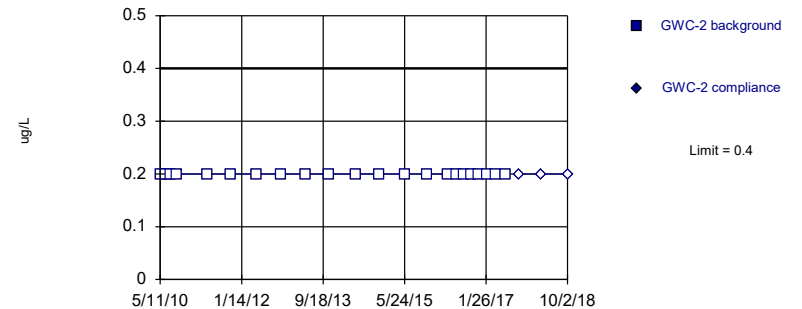


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

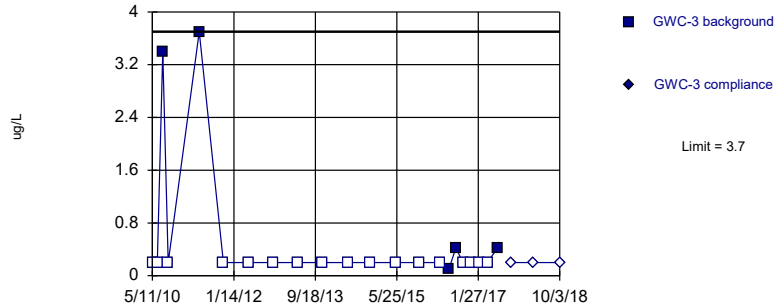
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

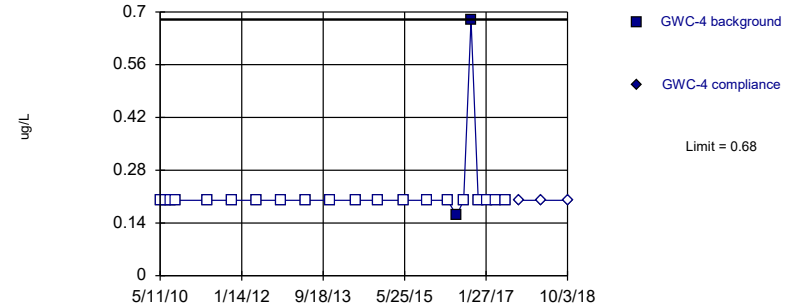
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 77.27% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

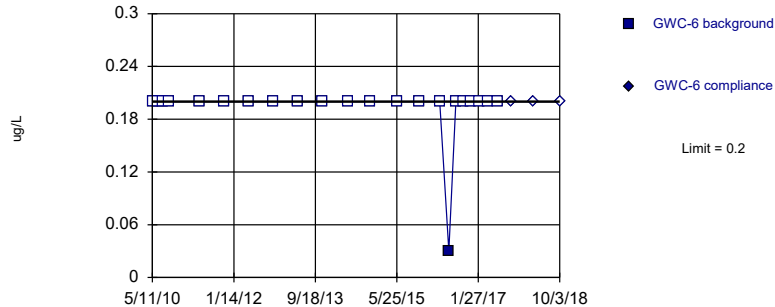
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

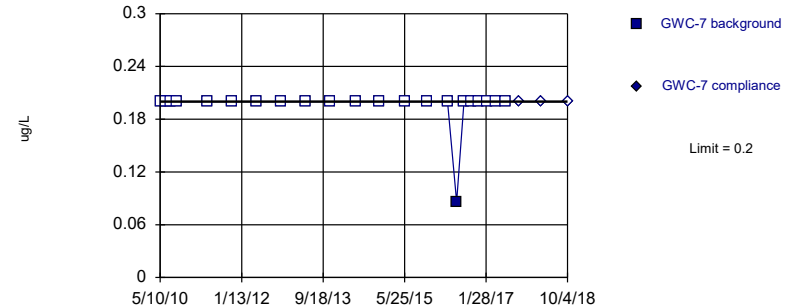
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

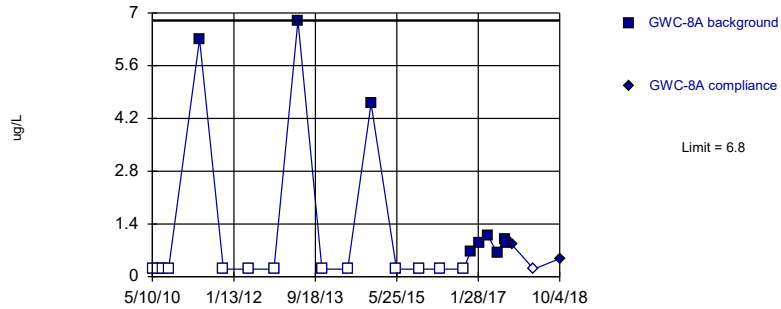


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

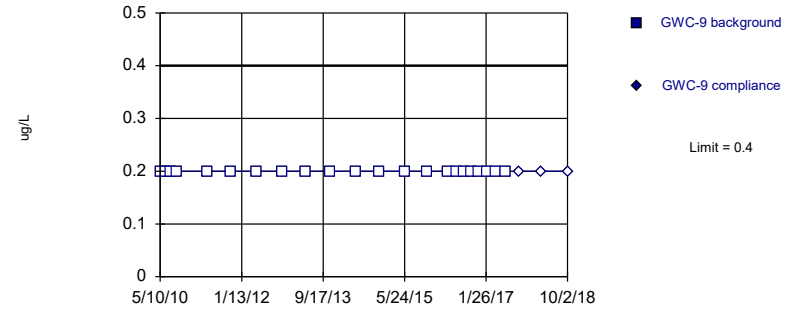


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

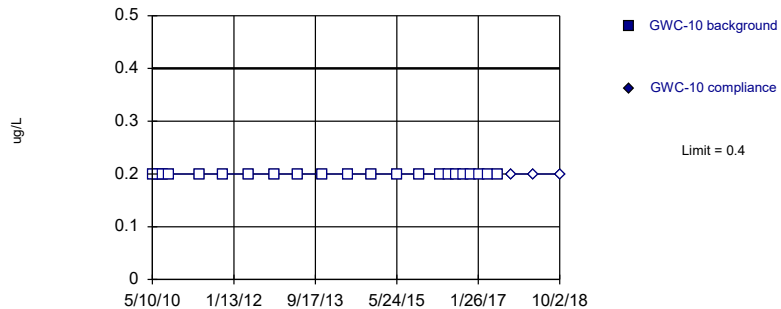


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

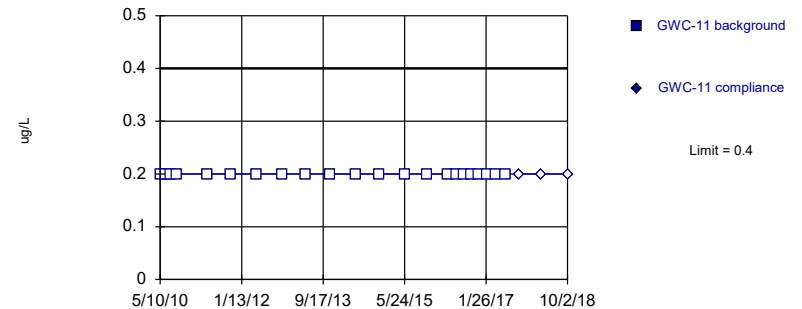


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

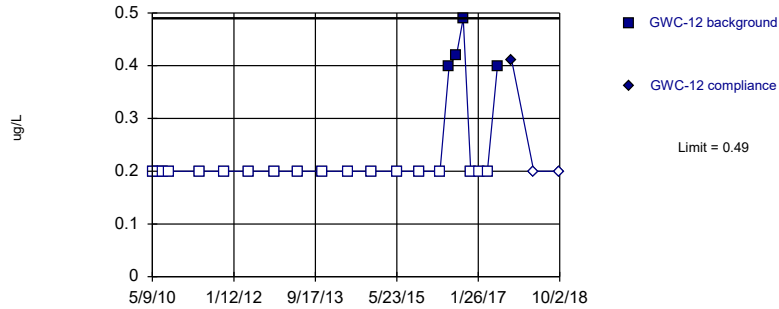


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

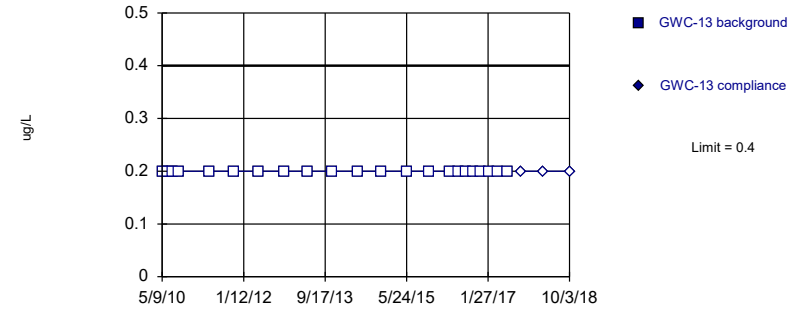


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

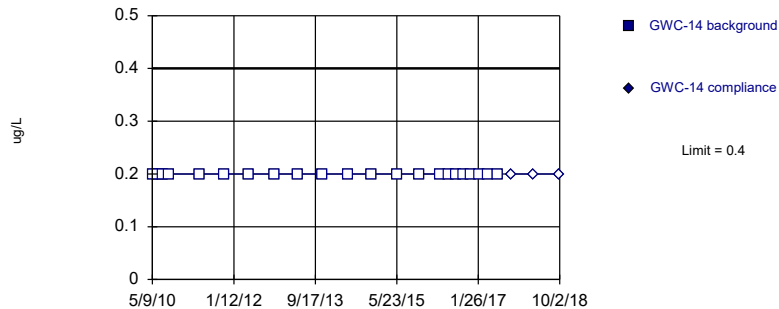


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

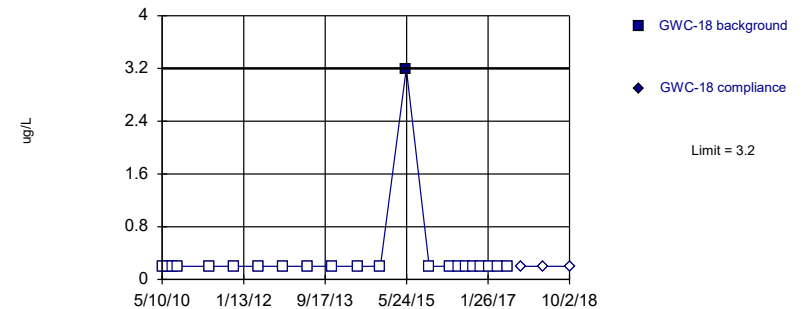


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

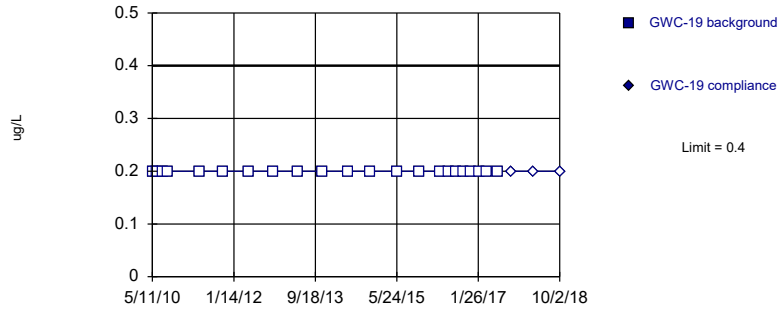


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

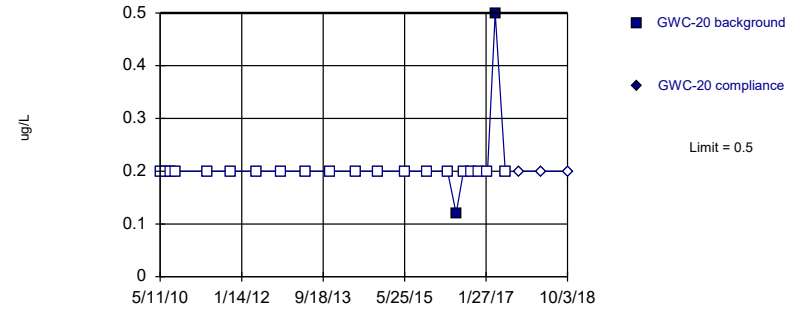


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

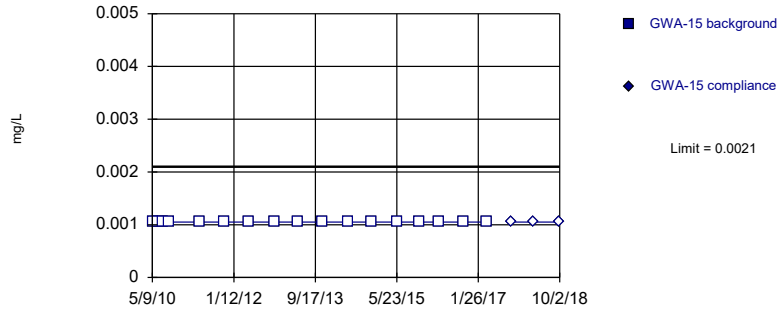


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

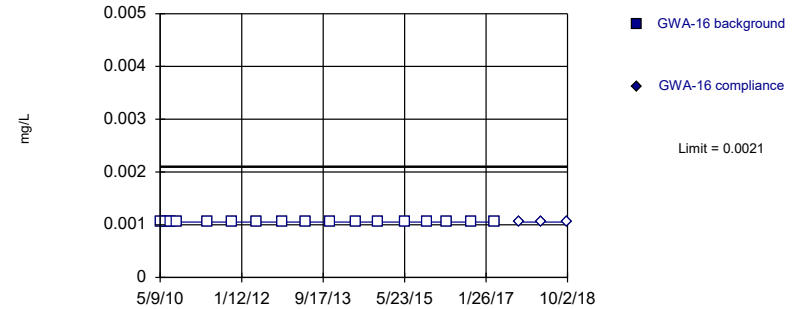


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Non-parametric

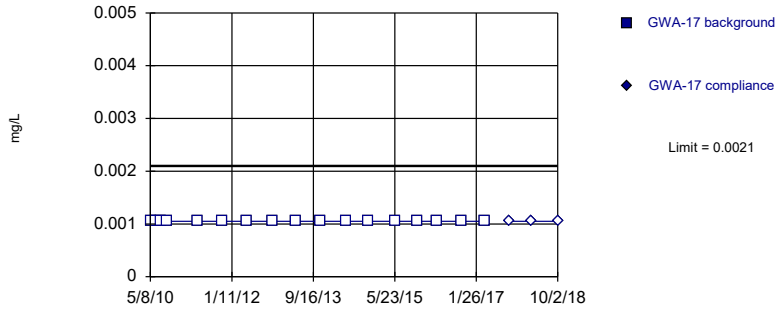


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

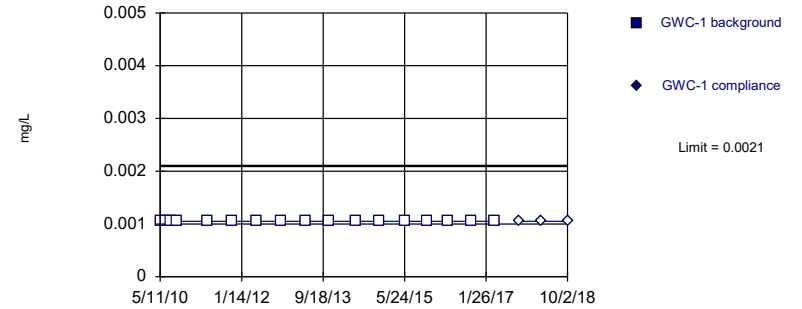


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

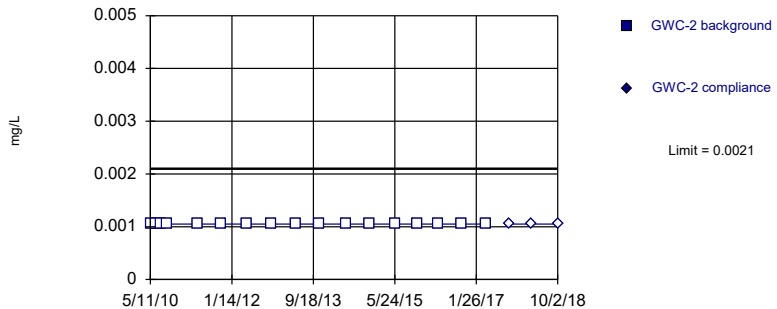


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

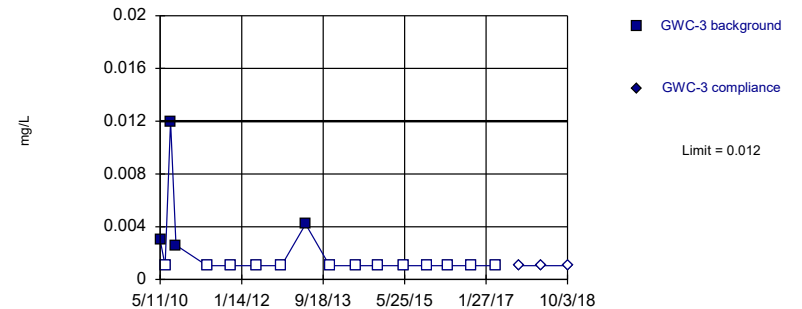


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

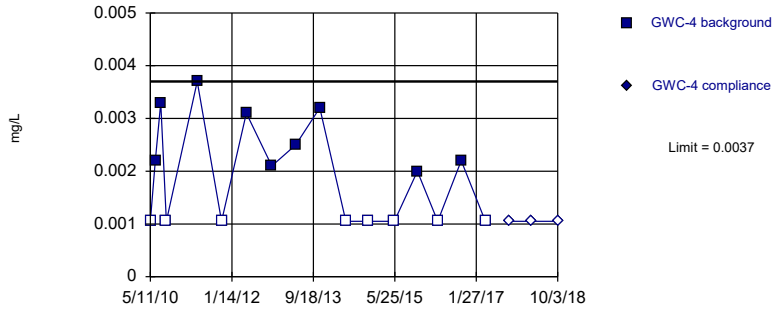


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

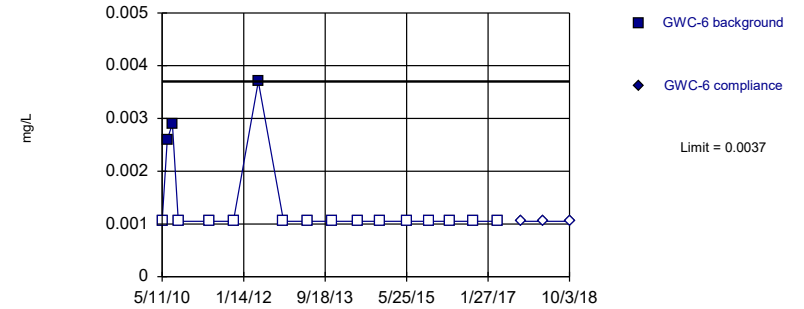


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 47.06% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

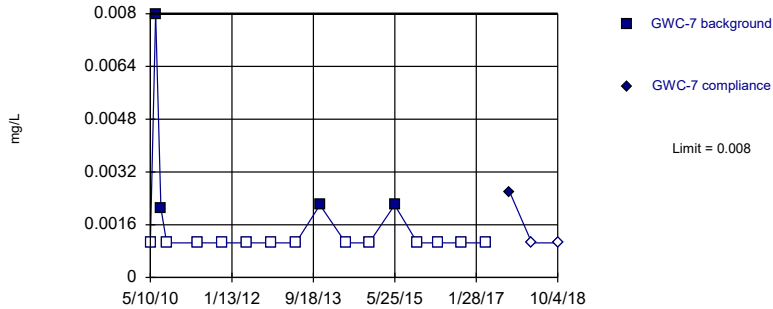


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

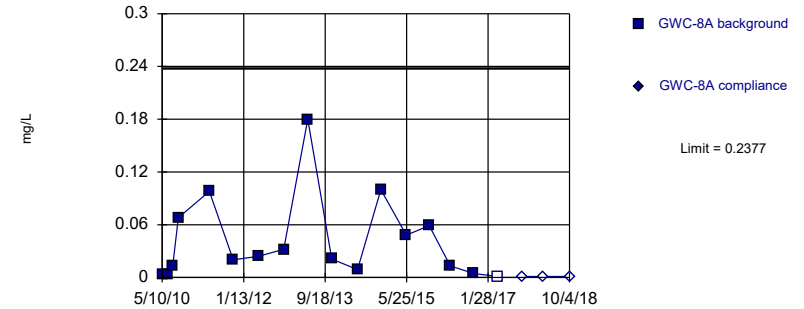


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit Intrawell Parametric

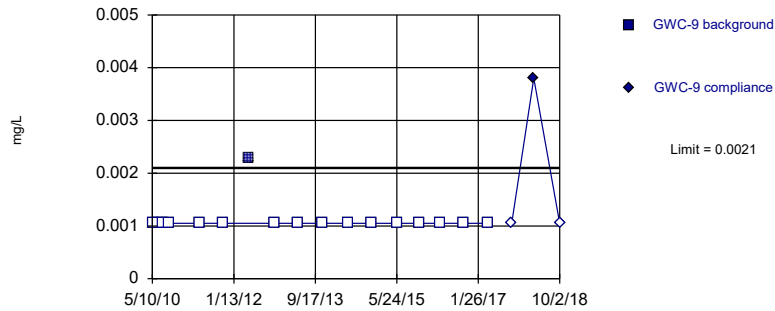


Background Data Summary (based on square root transformation): Mean=0.1731, Std. Dev.=0.1086, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9331, critical = 0.851. Kappa overridden to 2.894.

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

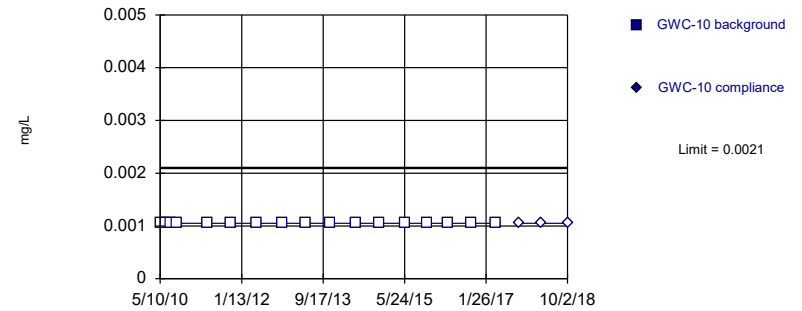


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

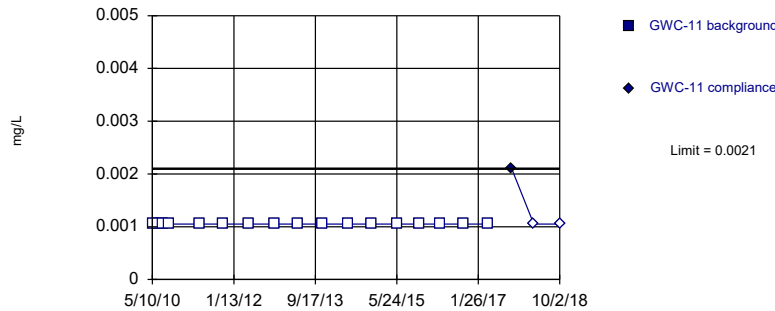


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

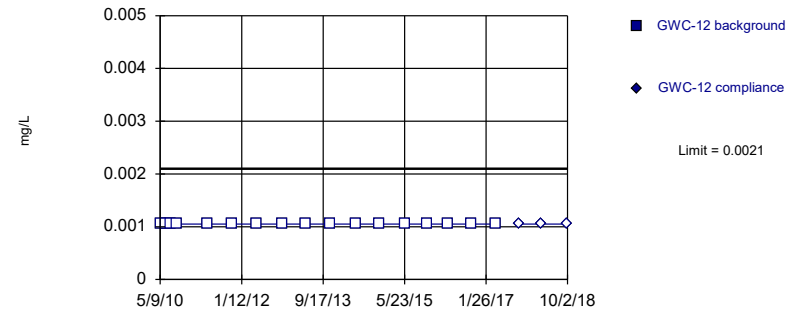


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

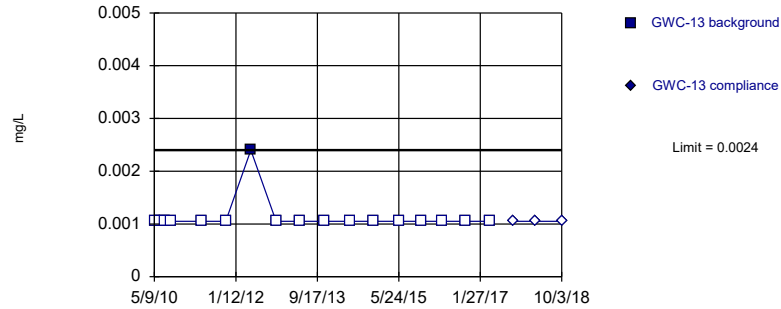


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

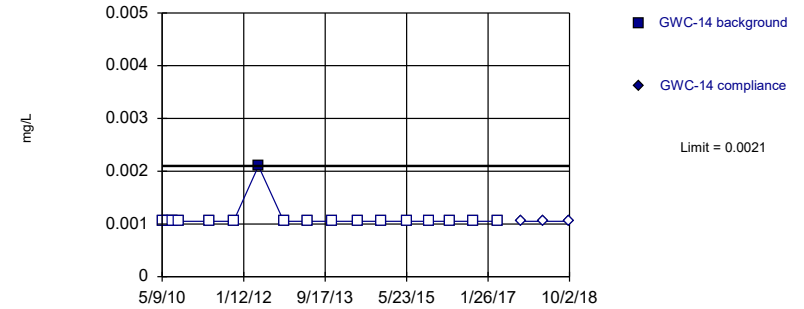


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

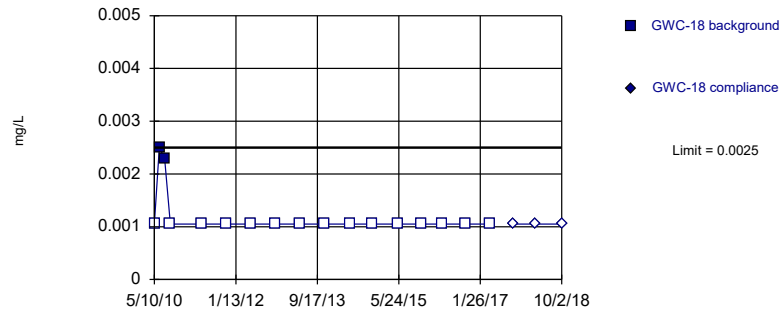


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

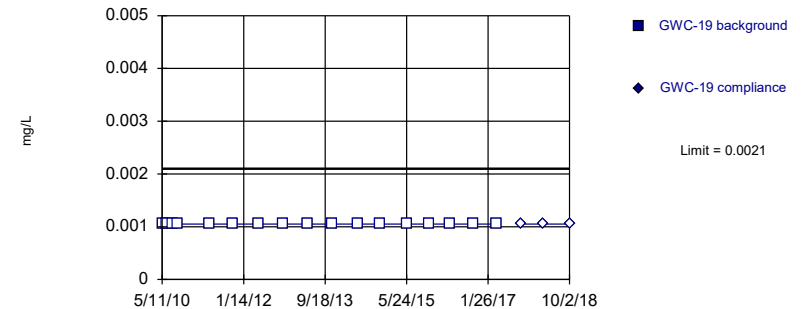


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

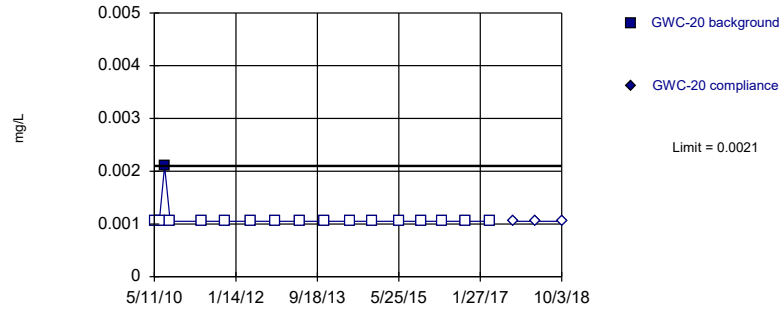
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

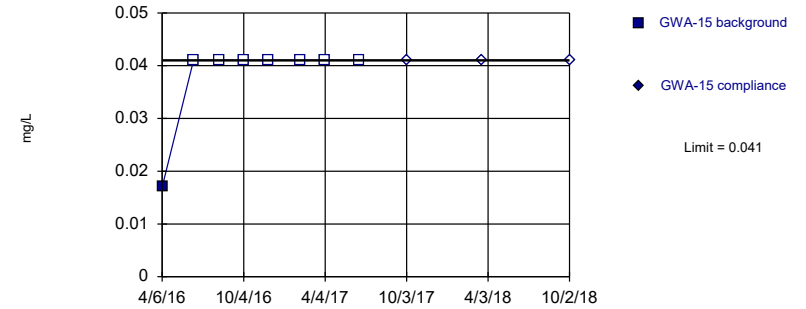
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Copper Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

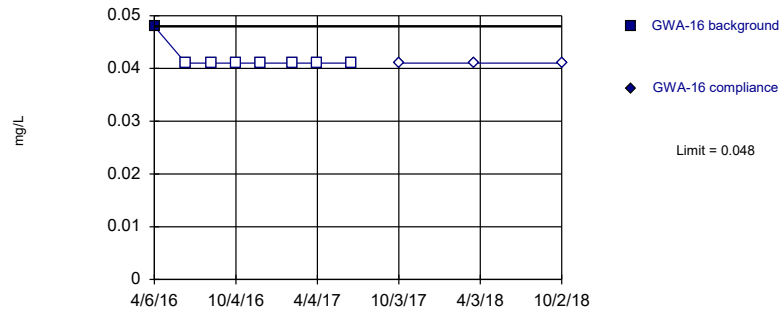
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

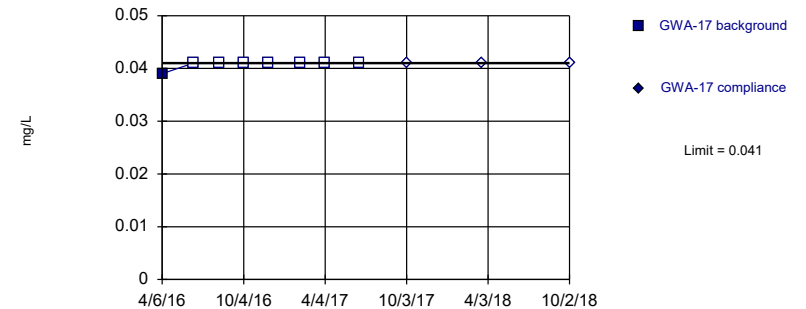
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric



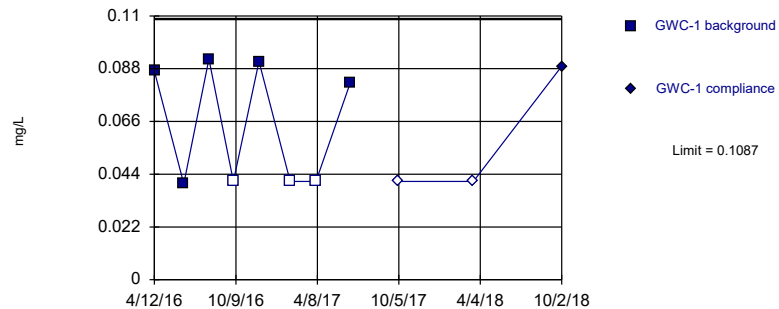
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Parametric



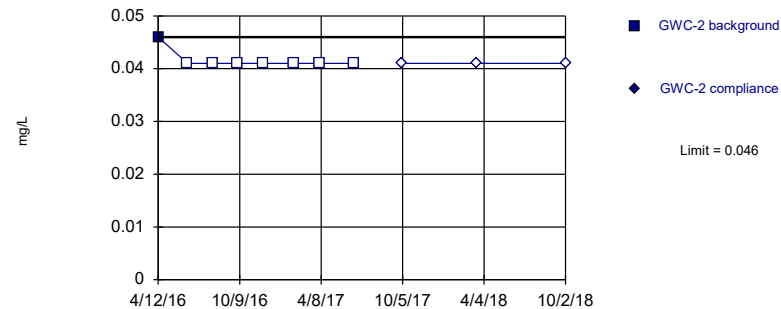
Background Data Summary (based on cube transformation) (after Kaplan-Meier Adjustment): Mean=0.0004661, Std. Dev.=0.0002828, n=8, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7628, critical = 0.749. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



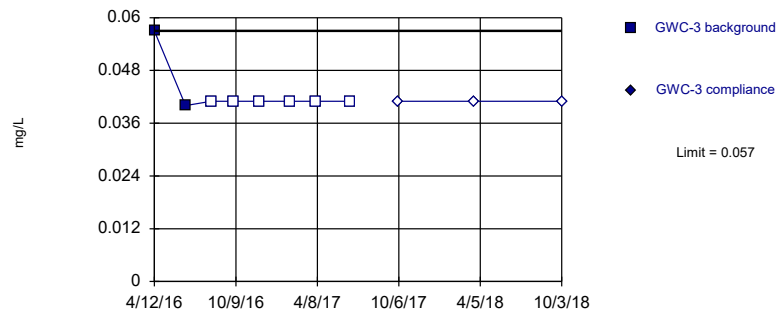
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



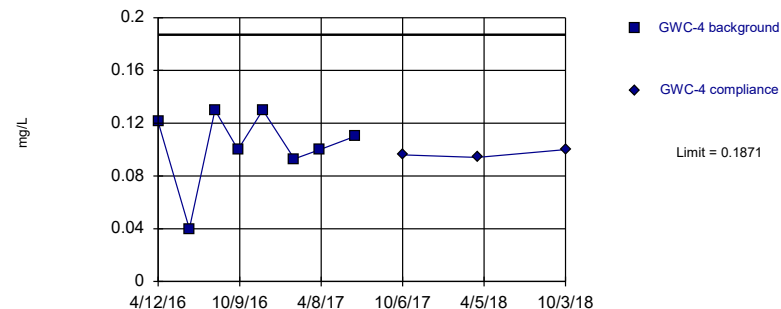
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit

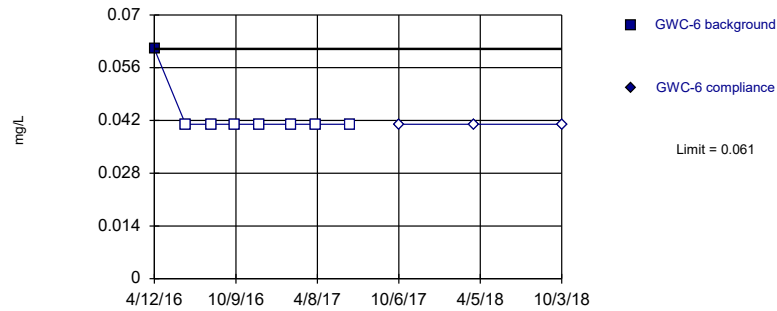
Intrawell Parametric



Background Data Summary: Mean=0.103, Std. Dev.=0.02908, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8374, critical = 0.749. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

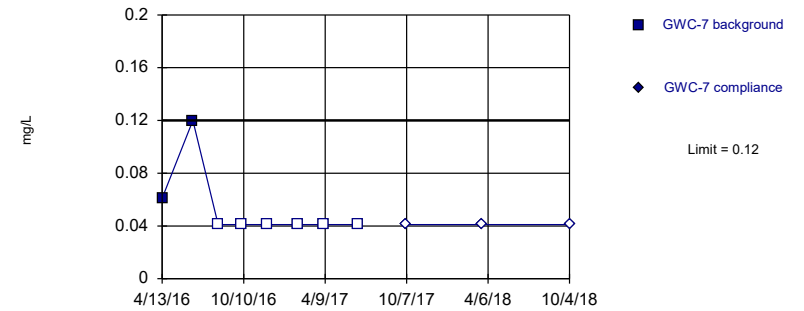
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

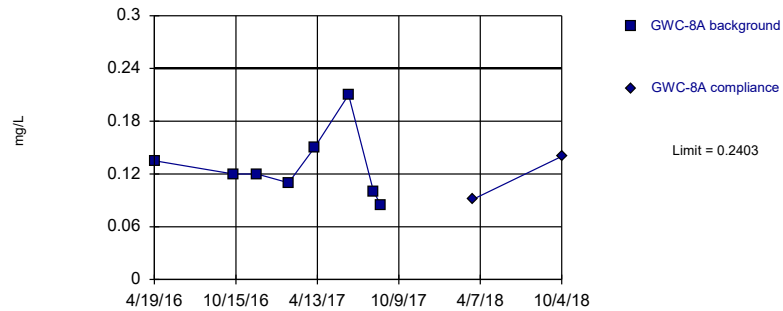
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

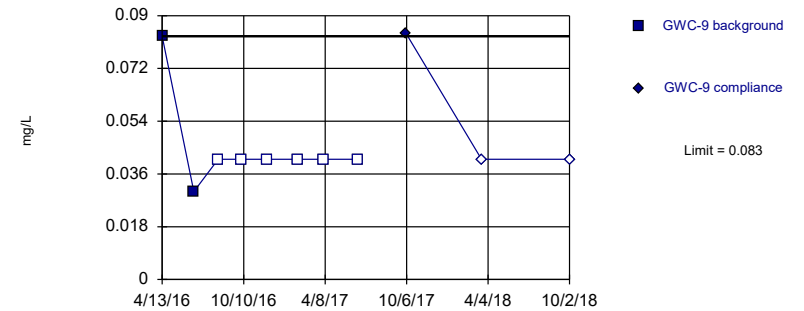
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.1286, Std. Dev.=0.03859, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8919, critical = 0.749. Kappa overridden to 2.894.

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

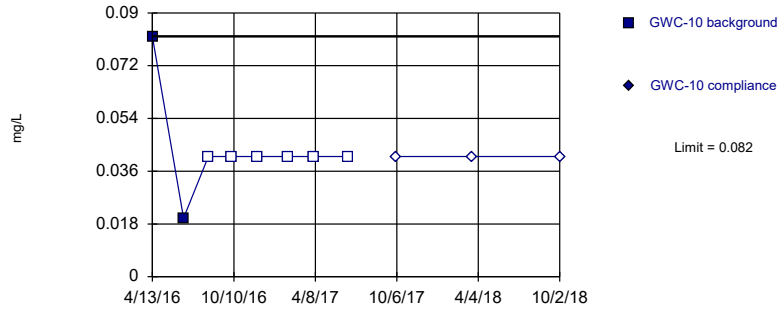


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

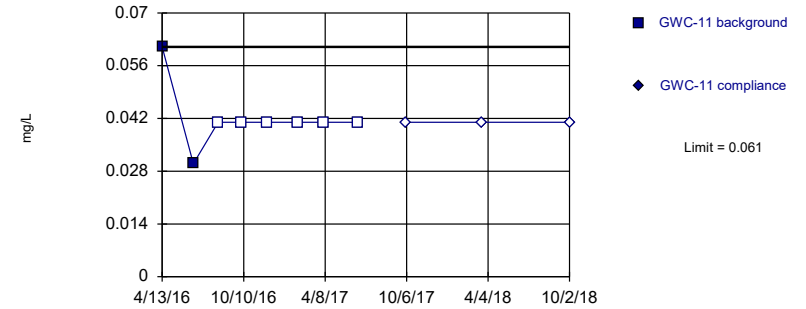


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

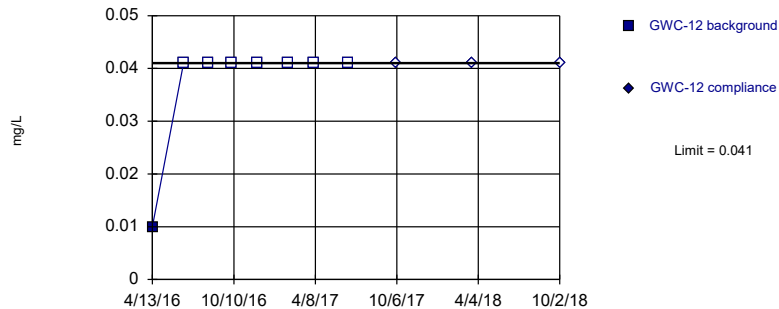


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:56 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

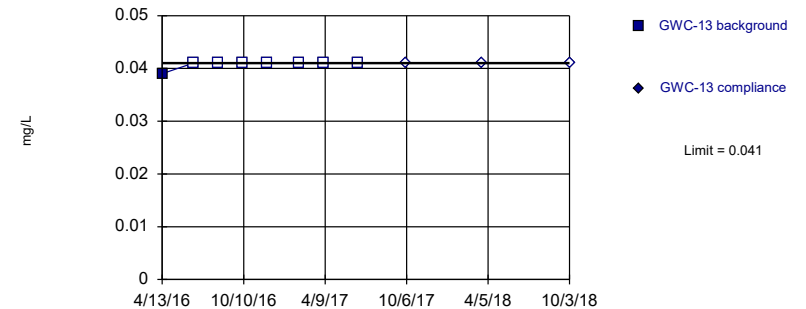


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

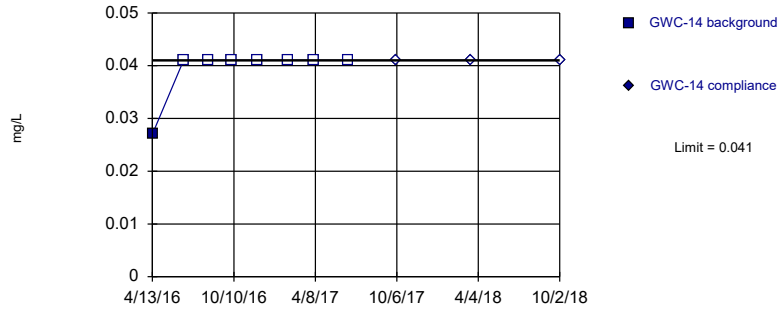


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

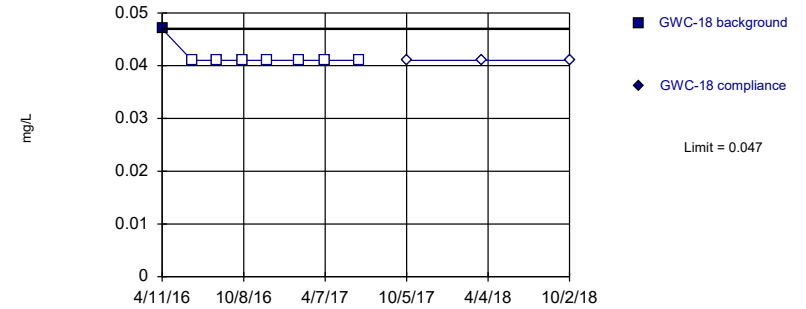


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

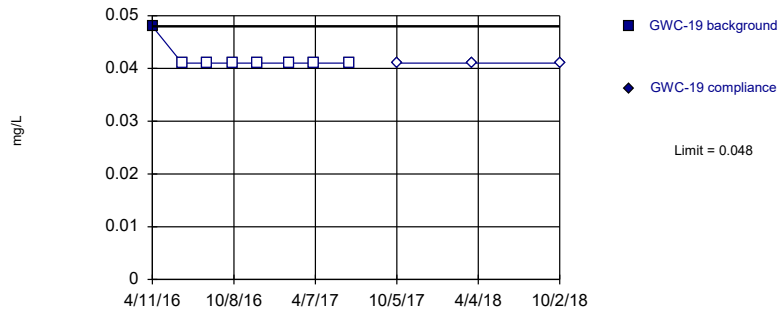


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

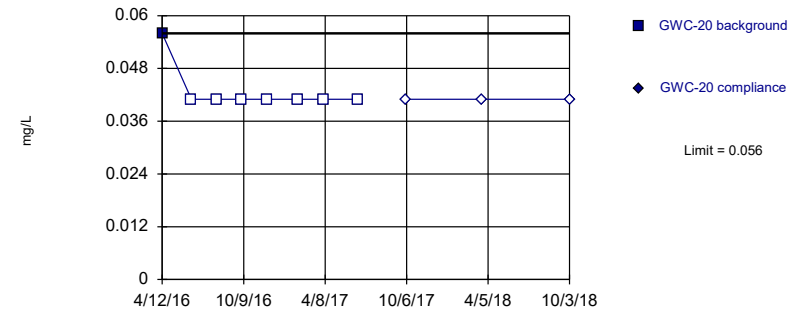


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

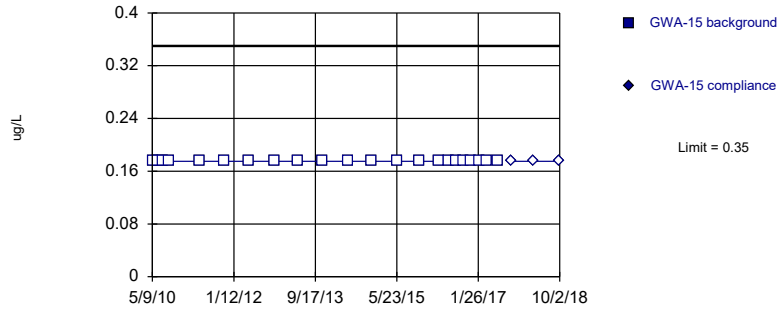


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Fluoride Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

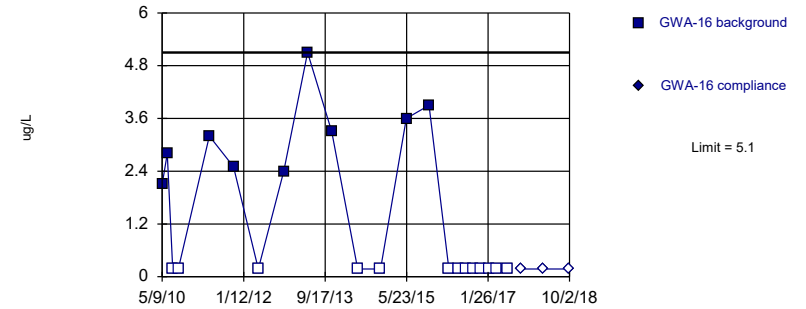


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

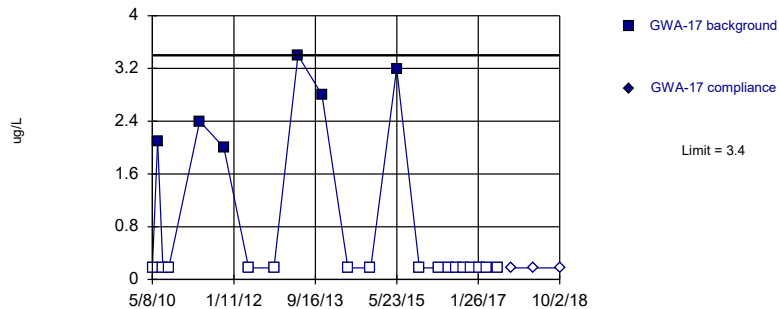


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

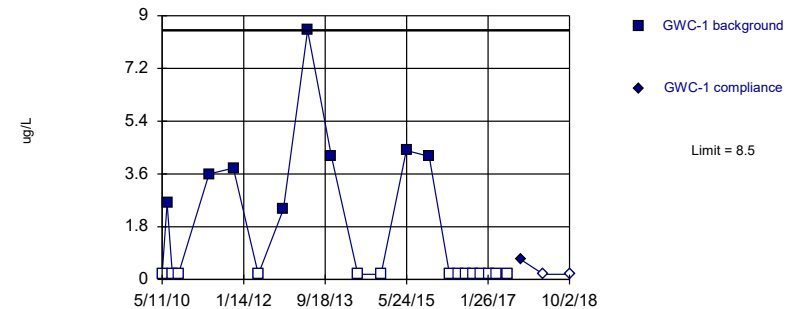


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 72.73% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

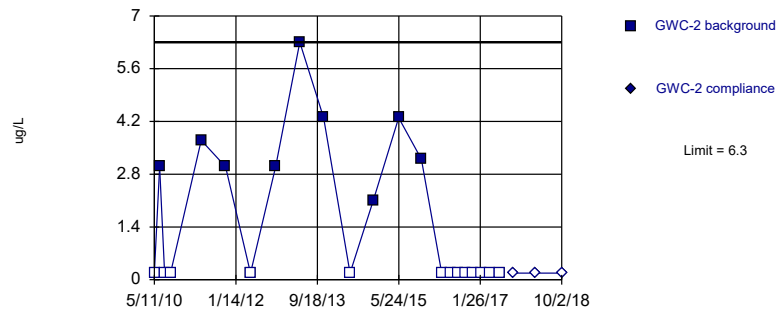


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

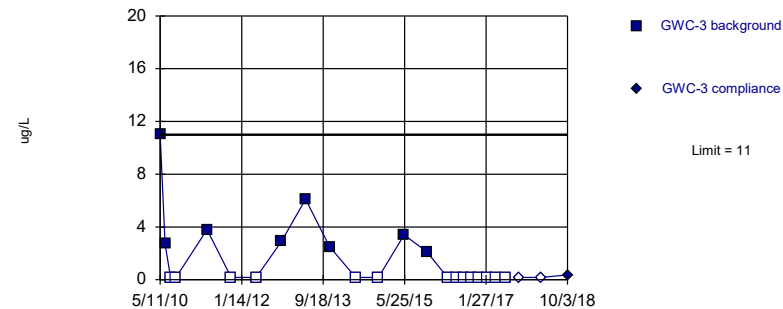


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

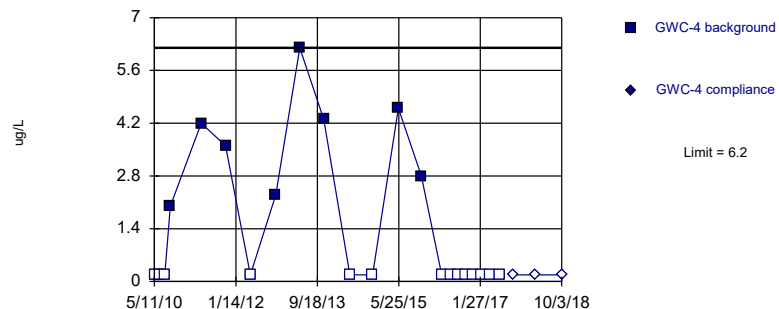


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

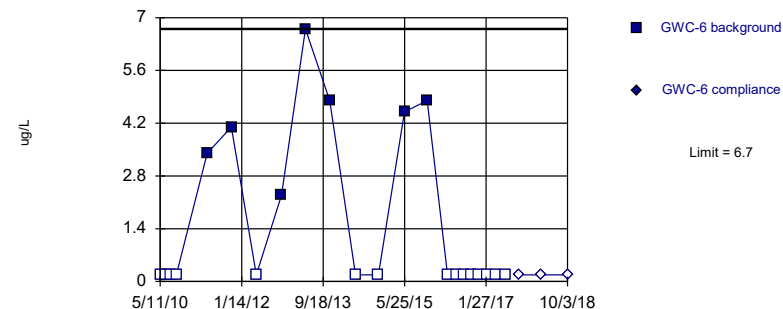


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

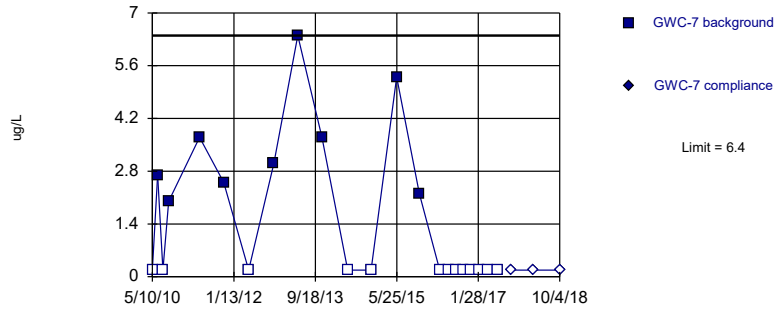


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 68.18% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

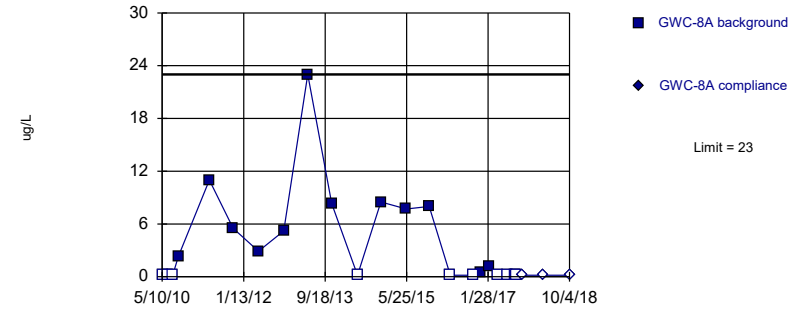


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

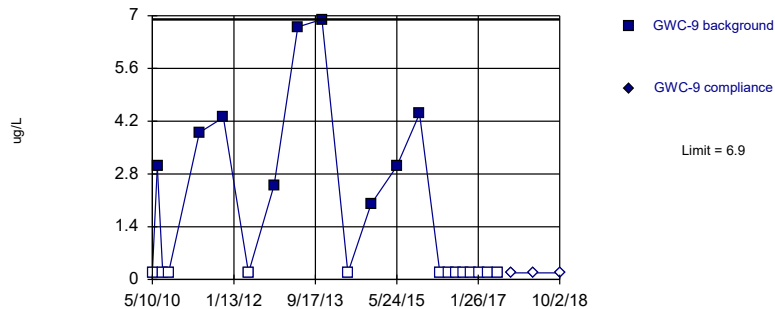


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. 45.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

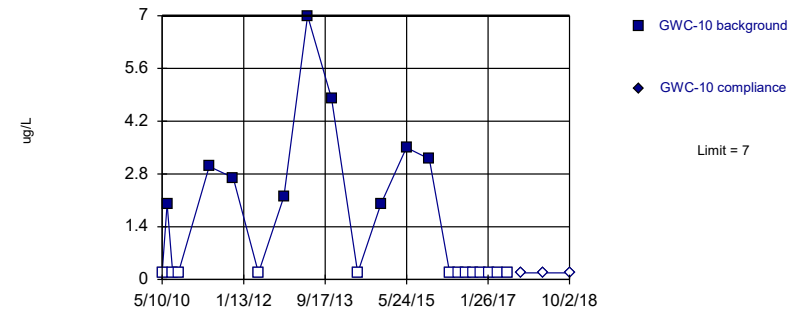


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

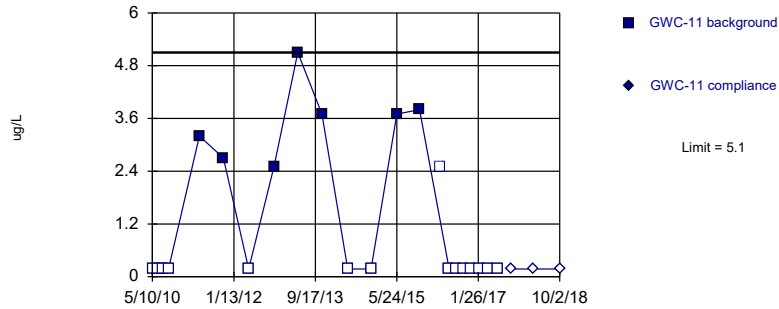


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

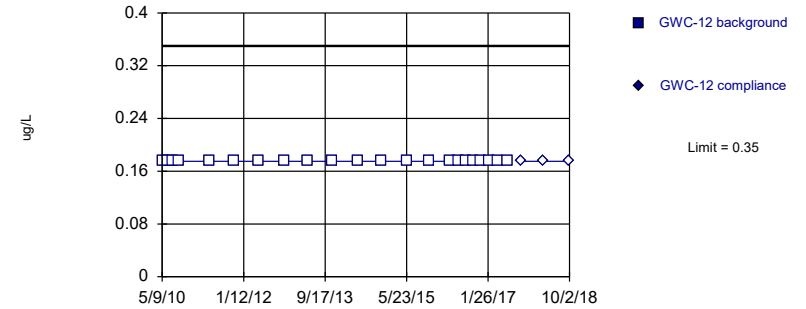


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

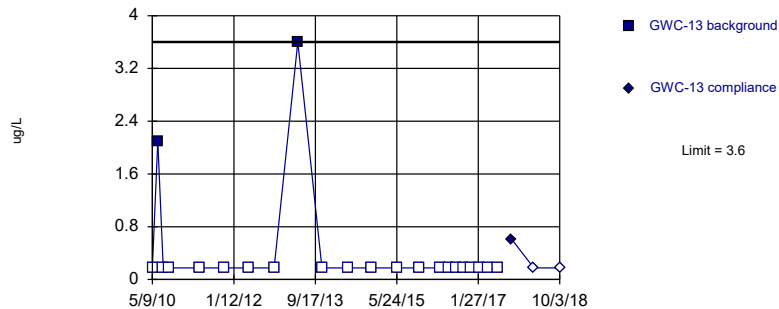


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

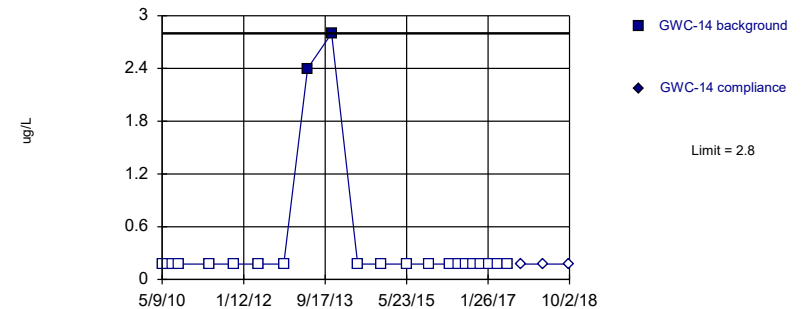


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

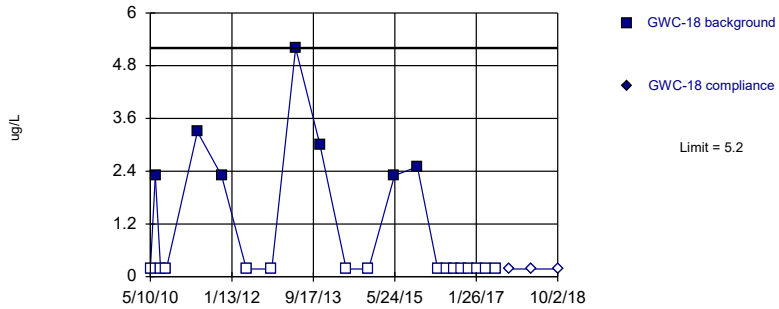


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

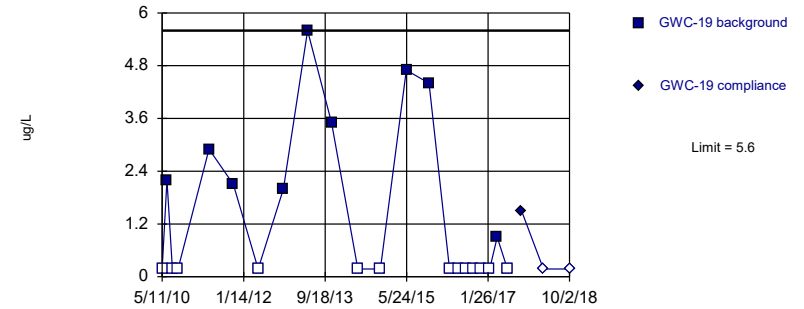


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 68.18% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

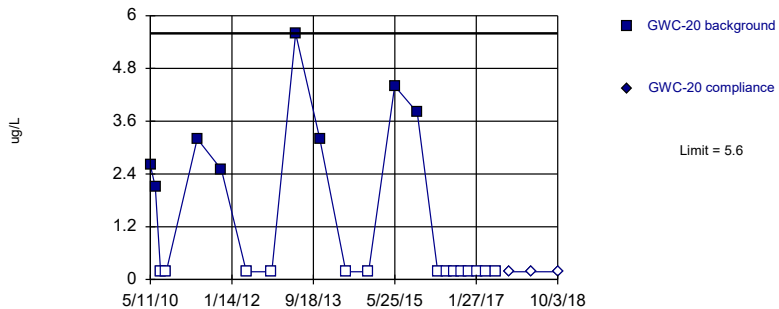


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

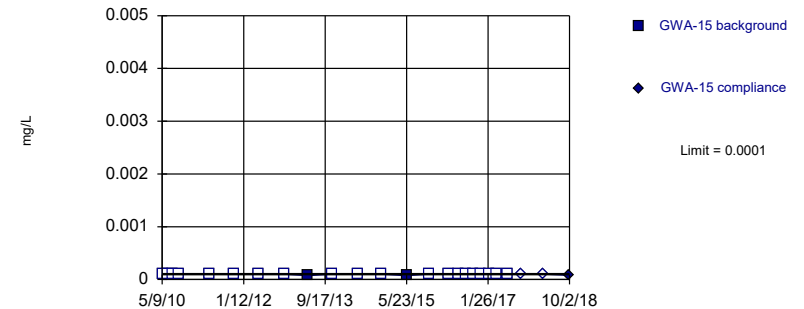


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead, Total Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

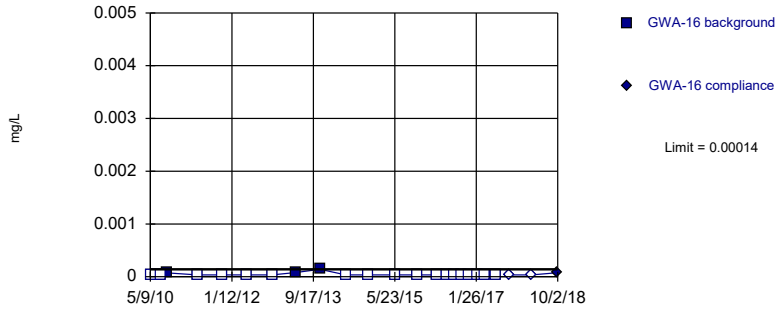
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

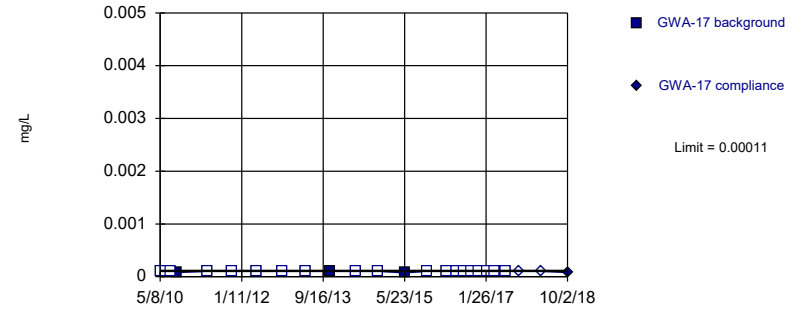
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

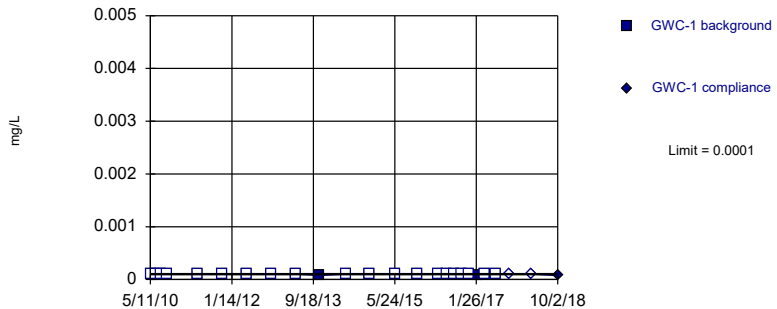
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

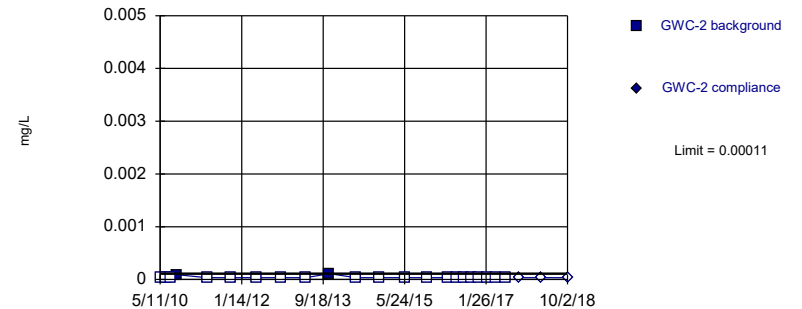
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

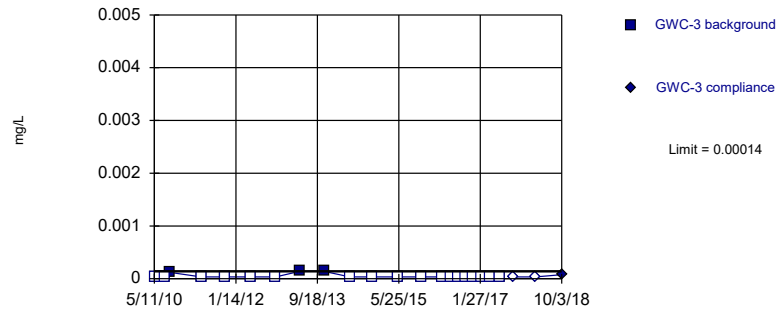


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

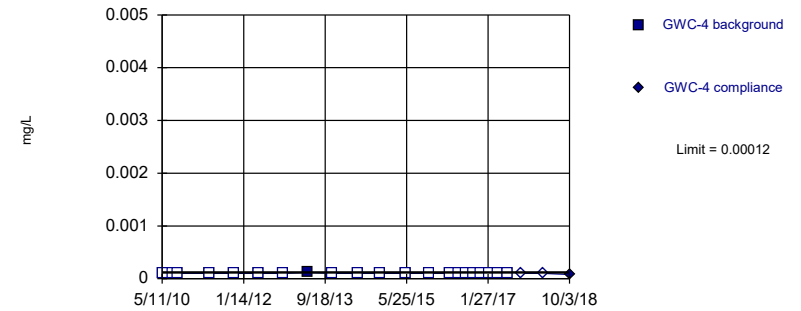


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

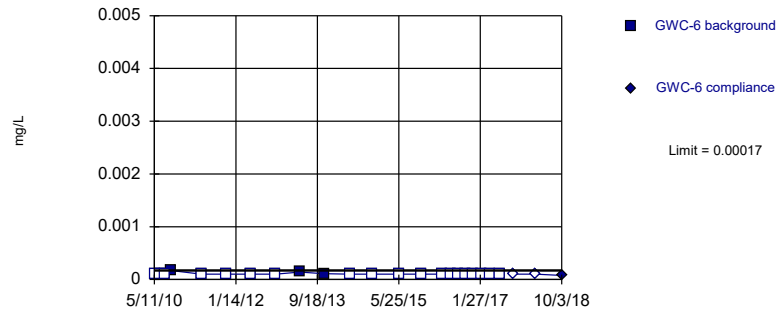


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

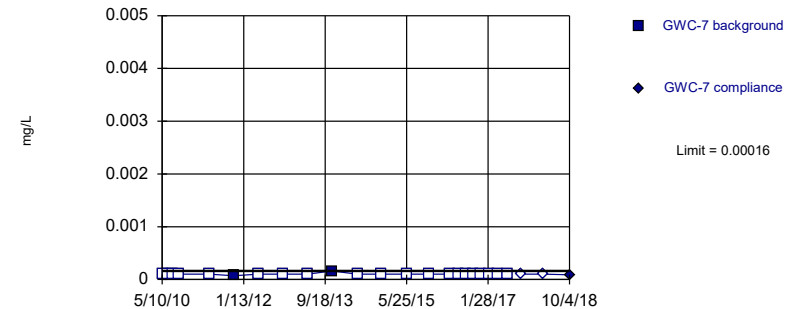


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

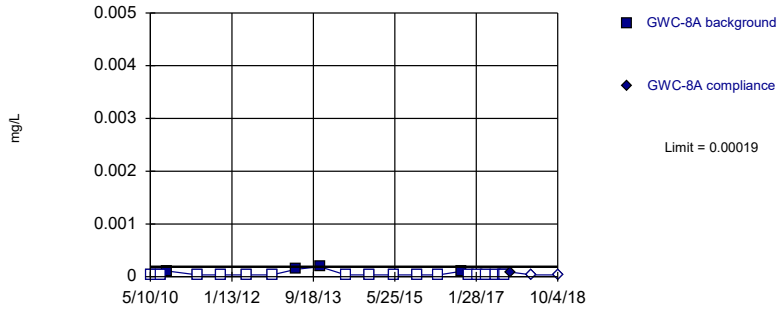


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

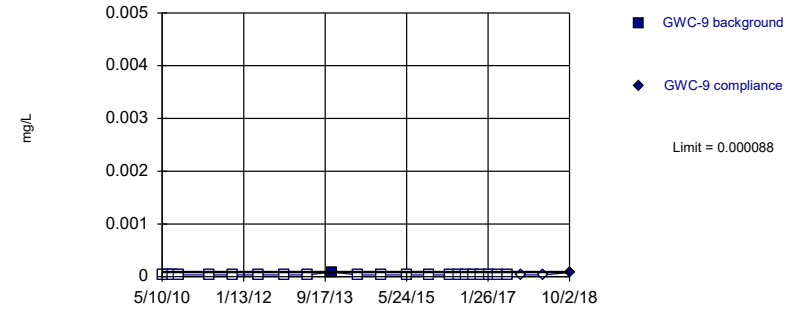


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

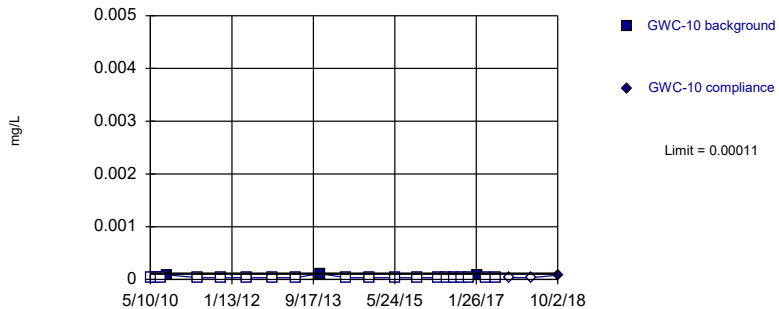


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

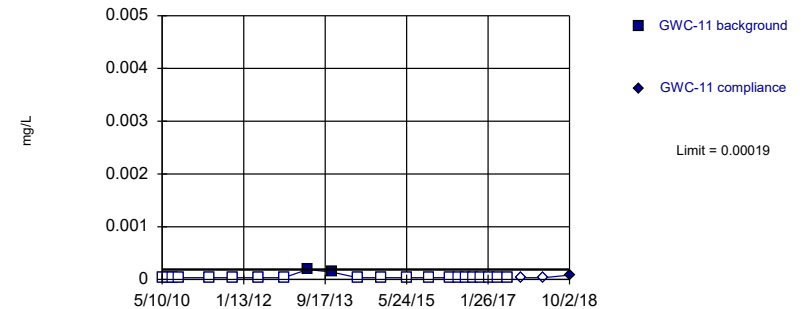


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

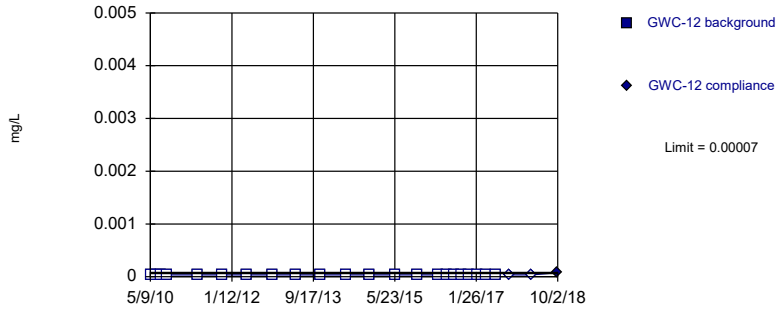
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

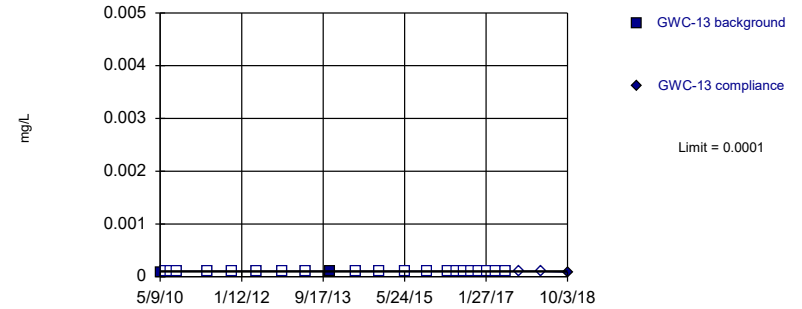
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

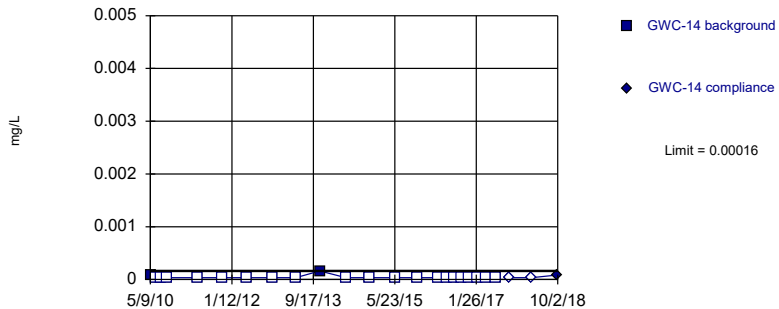
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

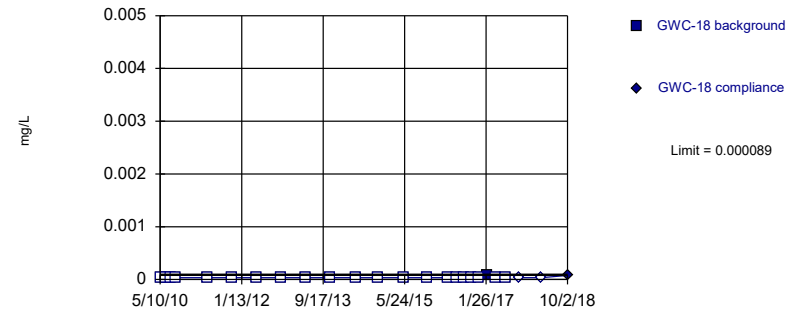
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

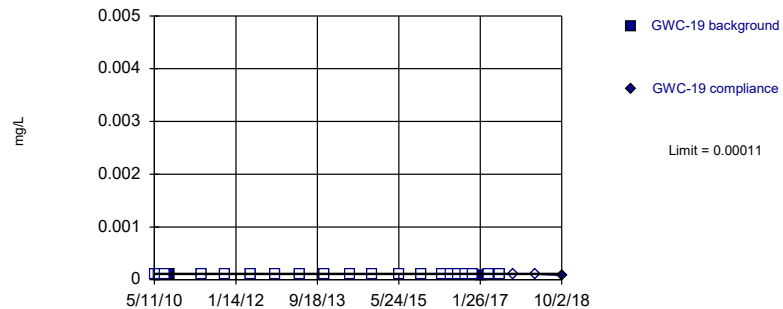
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

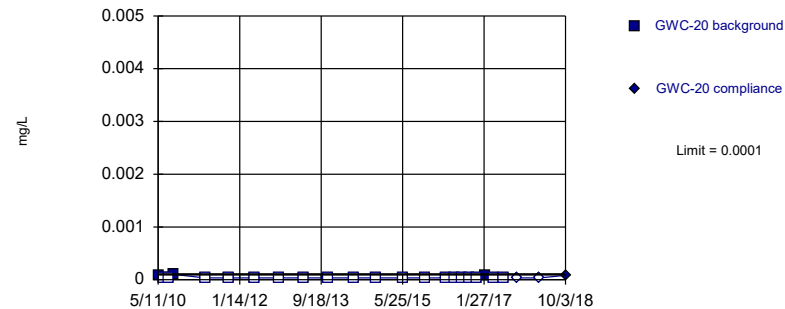
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

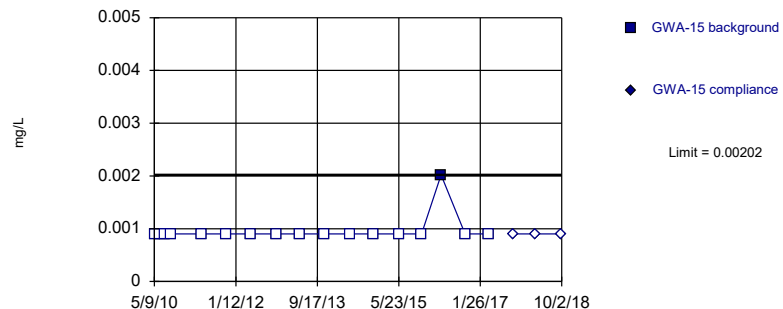
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Mercury Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

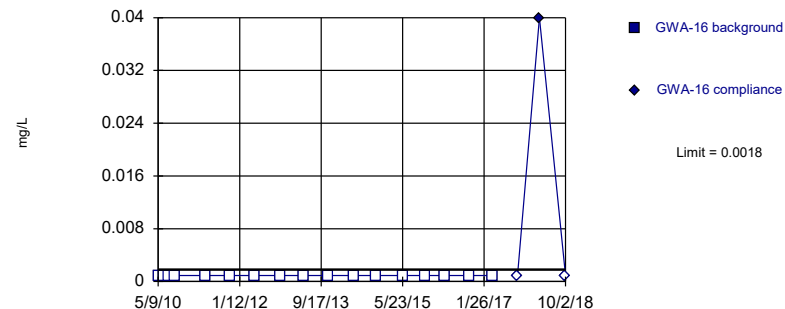
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

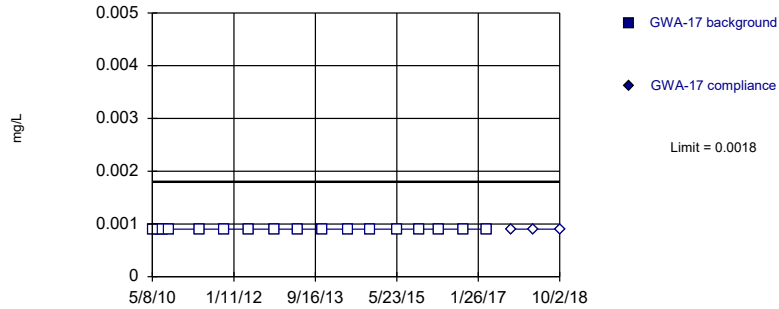
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

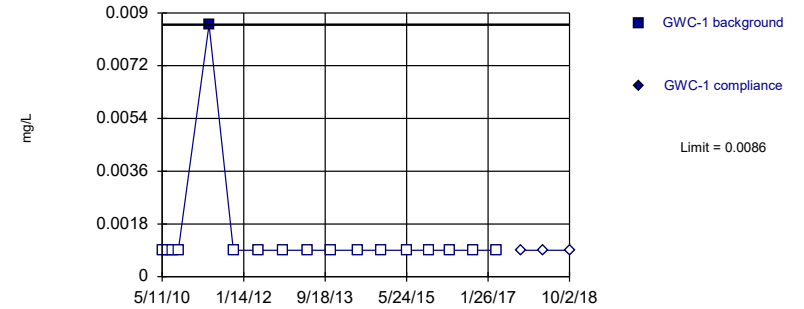
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

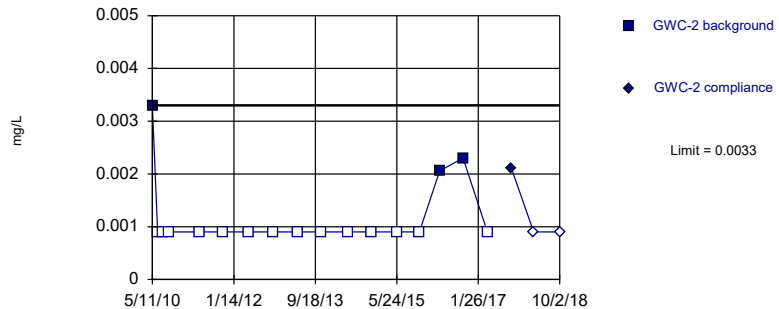
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

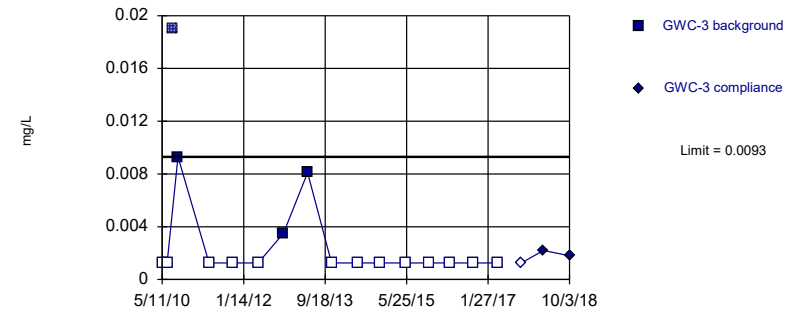
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

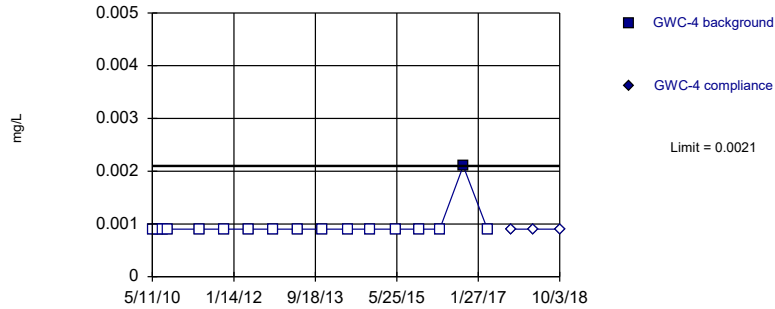


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

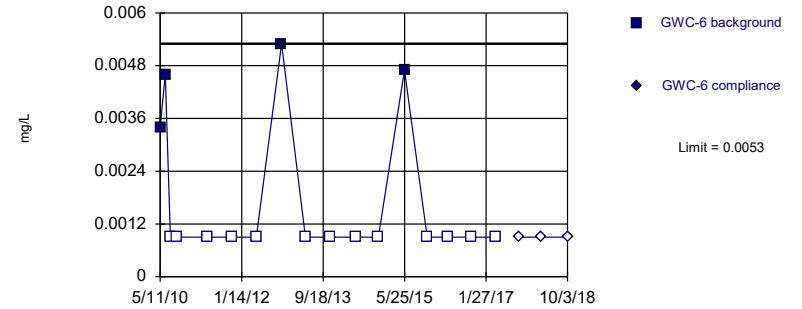


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

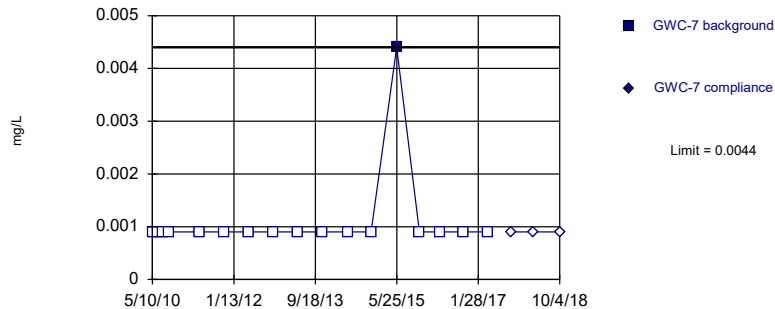


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

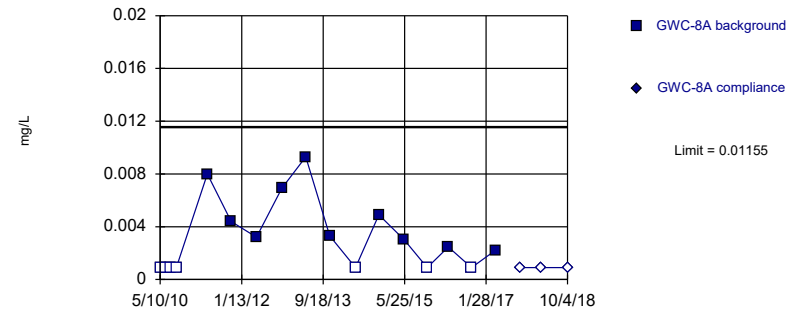


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

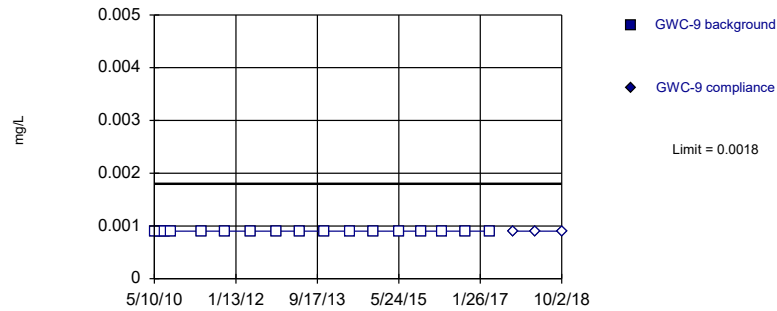


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05692, Std. Dev.=0.01747, n=17, 41.18% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.859, critical = 0.851. Kappa overridden to 2.894.

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

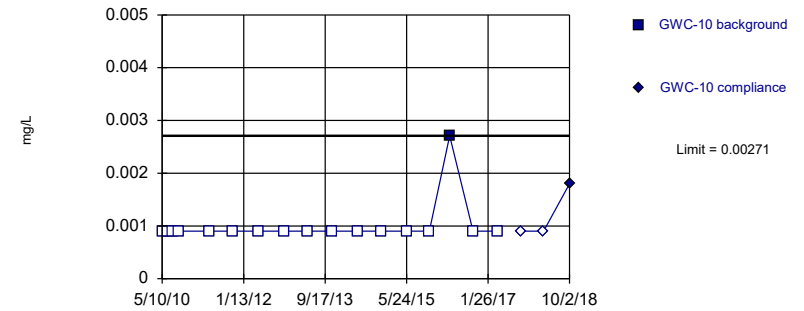


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

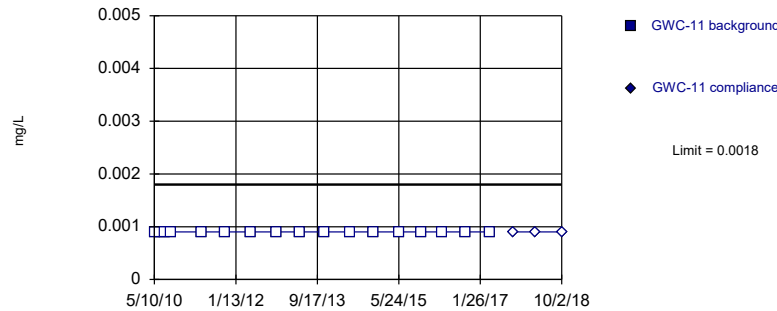


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

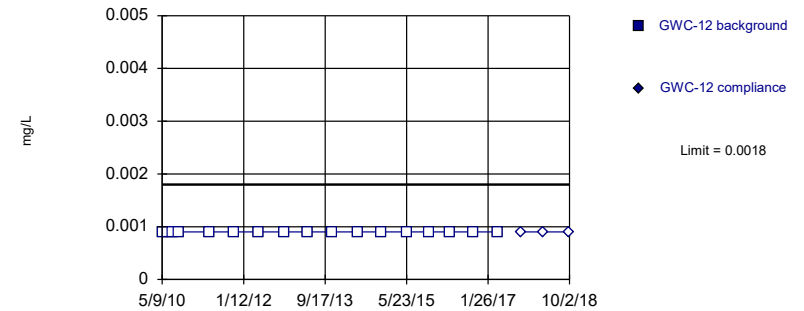


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

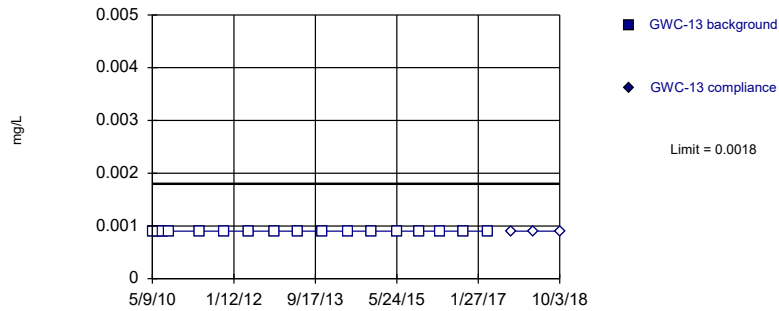


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

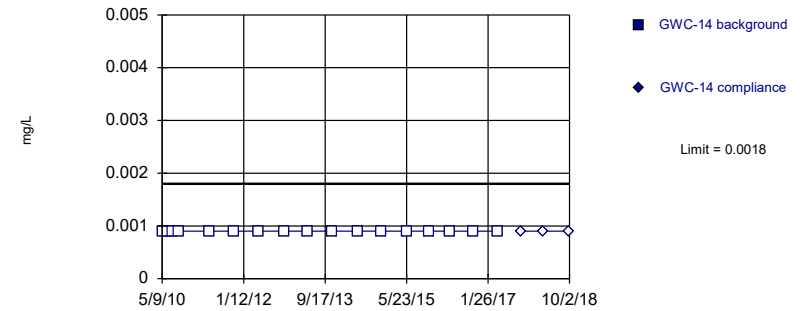


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

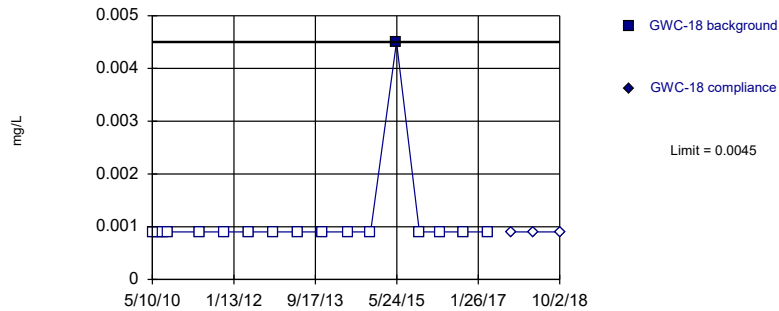


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:57 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

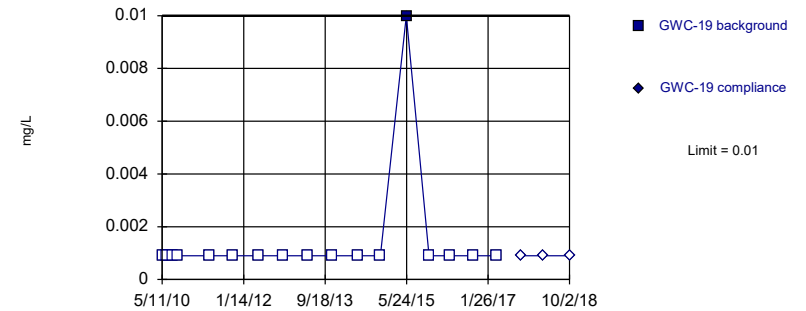


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

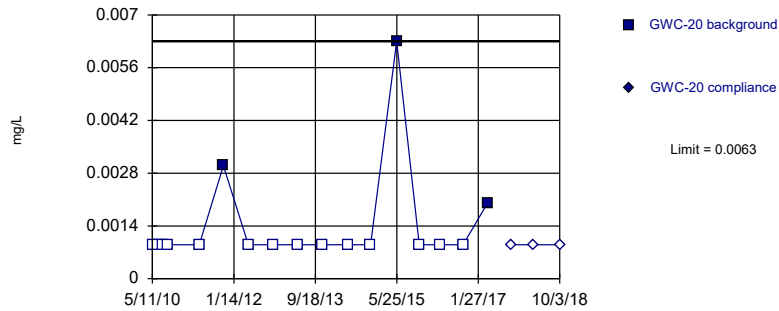


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

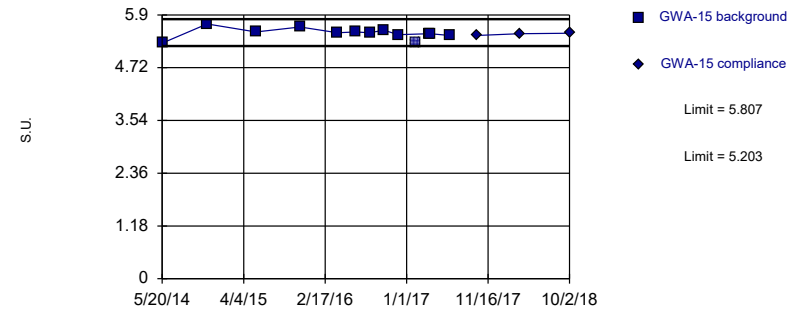


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Nickel Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
 Intrawell Parametric

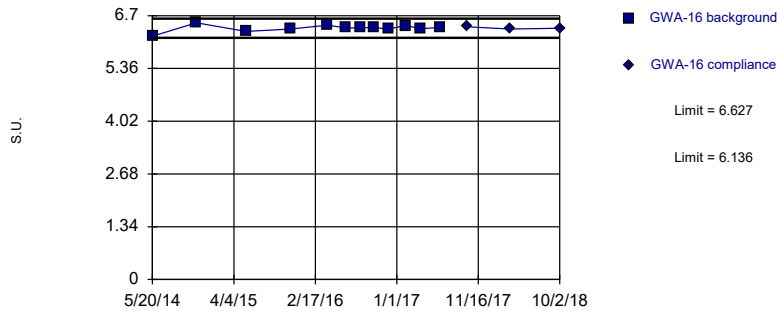


Background Data Summary: Mean=5.505, Std. Dev.=0.1044, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9199, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
 Intrawell Parametric

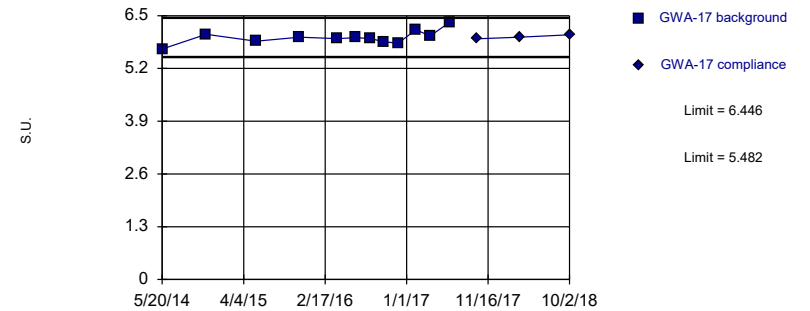


Background Data Summary: Mean=6.382, Std. Dev.=0.08483, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.918, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
 Intrawell Parametric

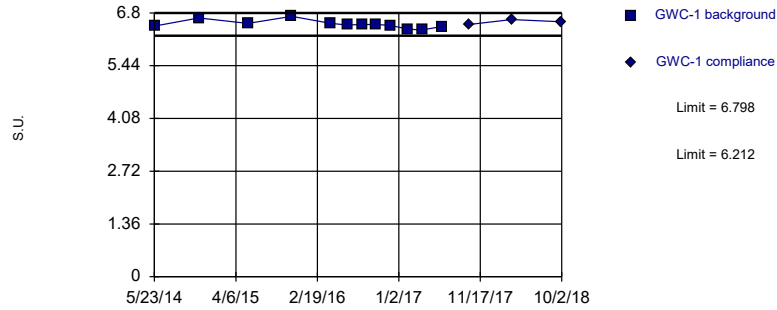


Background Data Summary: Mean=5.964, Std. Dev.=0.1666, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9462, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

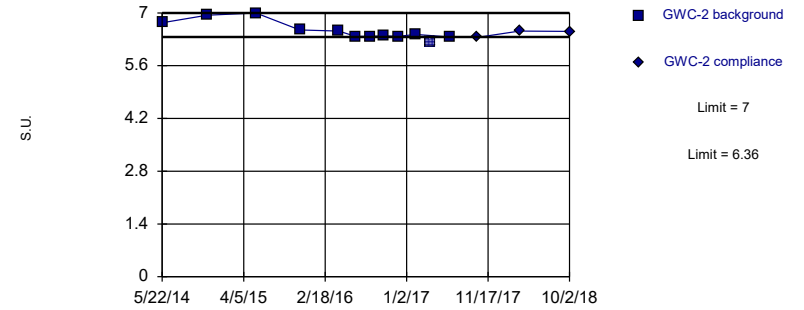


Background Data Summary: Mean=6.505, Std. Dev.=0.1014, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9058, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

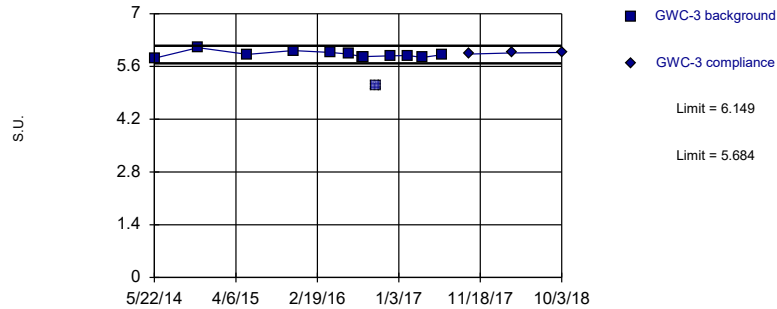


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 11 background values. Well-constituent pair annual alpha = 0.05073. Individual comparison alpha = 0.02553 (1 of 2).

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

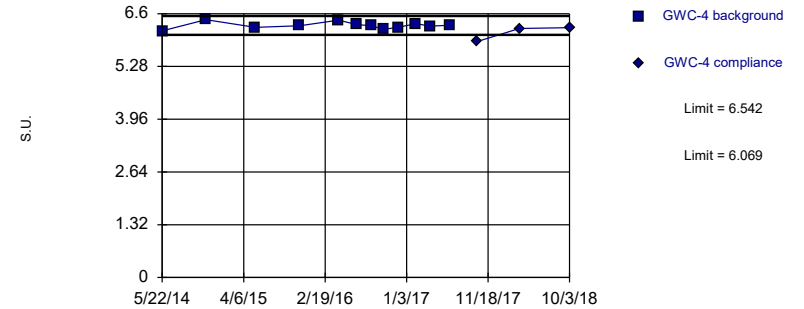


Background Data Summary: Mean=5.917, Std. Dev.=0.08038, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9104, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

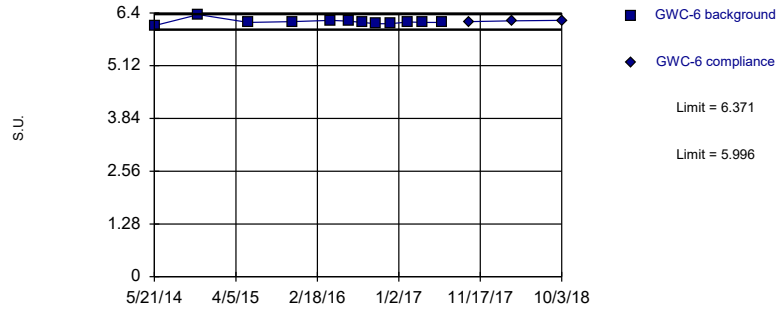


Background Data Summary: Mean=6.306, Std. Dev.=0.08174, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9472, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

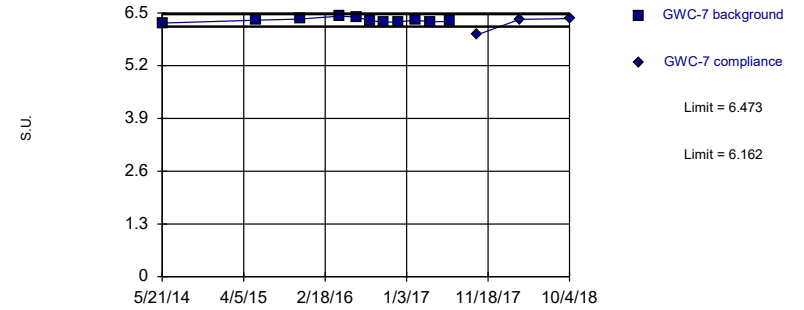


Background Data Summary: Mean=6.183, Std. Dev.=0.06471, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8052, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

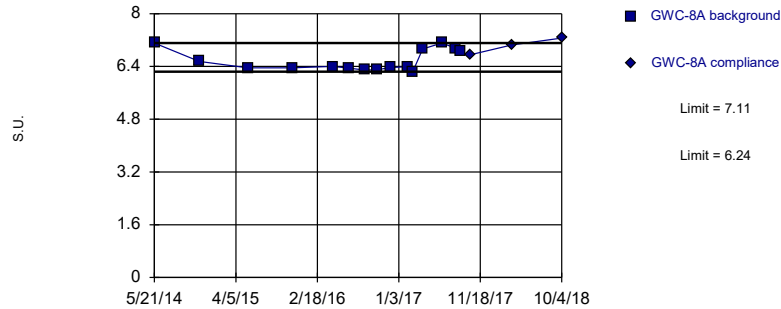


Background Data Summary: Mean=6.317, Std. Dev.=0.05368, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9099, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limits

Prediction Limit
Intrawell Non-parametric

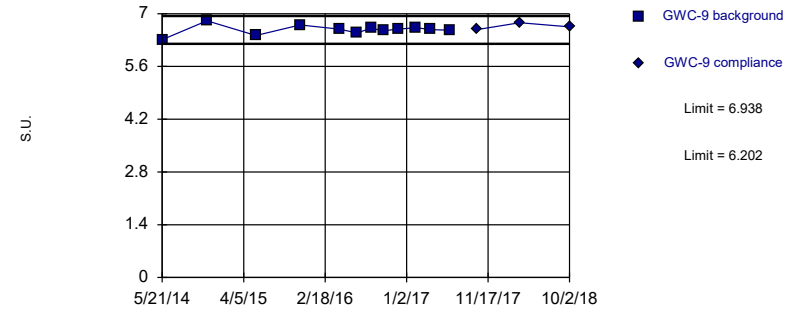


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (1 of 2).

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

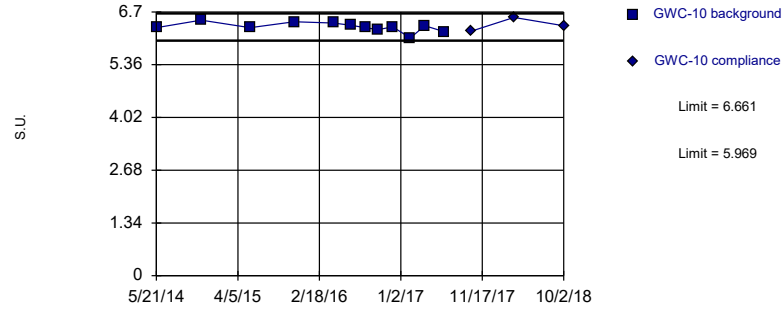


Background Data Summary: Mean=6.57, Std. Dev.=0.1271, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9571, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

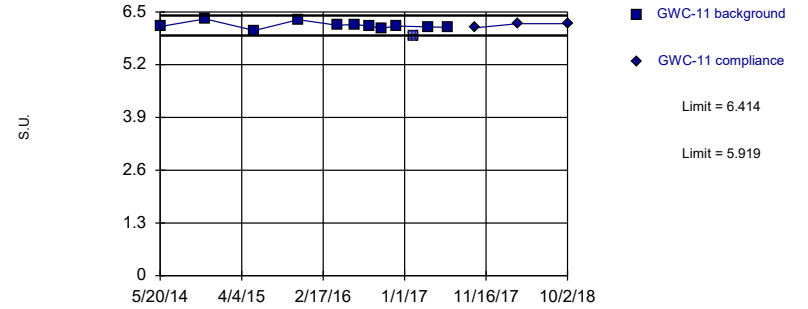


Background Data Summary: Mean=6.315, Std. Dev.=0.1194, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9405, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

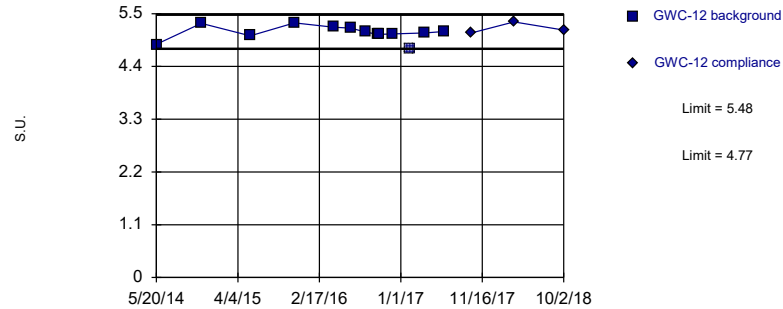


Background Data Summary: Mean=6.166, Std. Dev.=0.08547, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.885, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

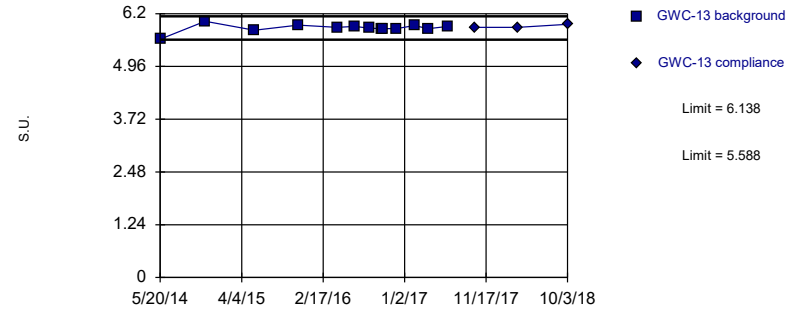


Background Data Summary: Mean=5.125, Std. Dev.=0.1227, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9362, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

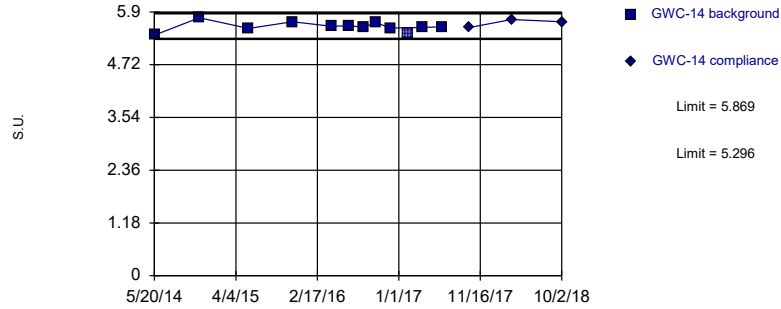


Background Data Summary: Mean=5.863, Std. Dev.=0.0949, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.819, critical = 0.814. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

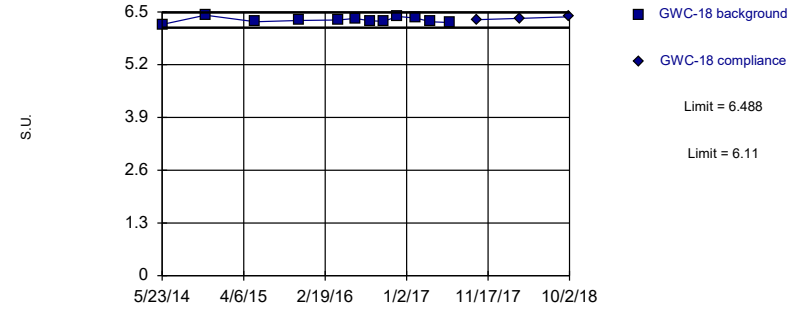


Background Data Summary: Mean=5.583, Std. Dev.=0.099, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9329, critical = 0.792. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

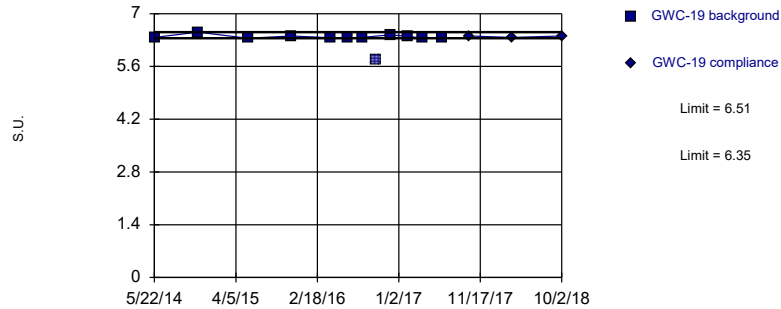


Background Data Summary: Mean=6.299, Std. Dev.=0.06529, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9646, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

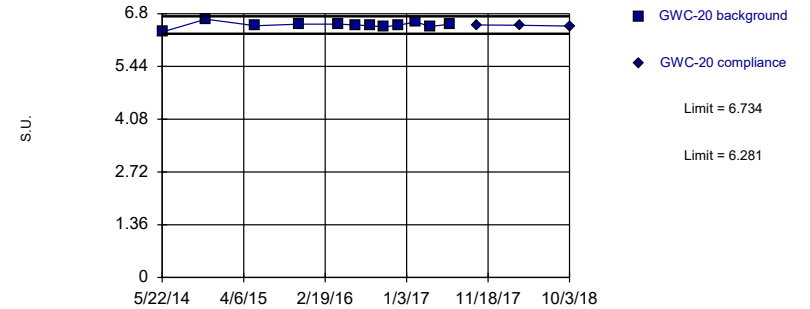


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 11 background values. Well-constituent pair annual alpha = 0.05073. Individual comparison alpha = 0.02553 (1 of 2).

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limits

Prediction Limit
Intrawell Parametric

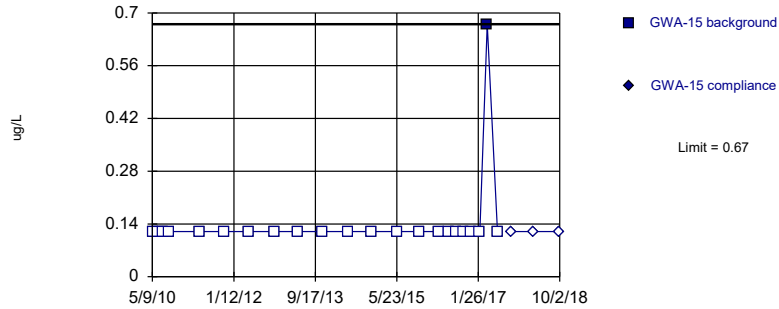


Background Data Summary: Mean=6.508, Std. Dev.=0.07829, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9145, critical = 0.805. Kappa overridden to 2.894.

Constituent: pH Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

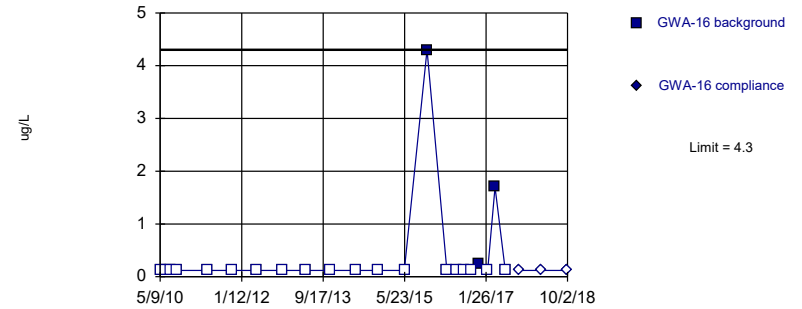


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

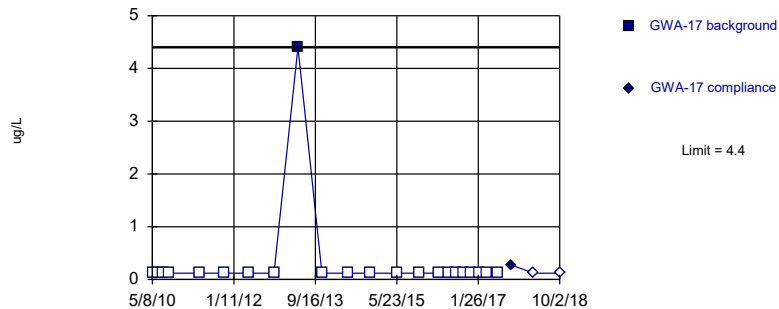


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

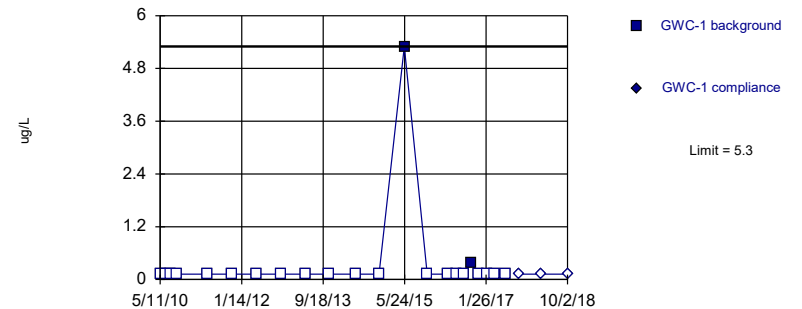


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

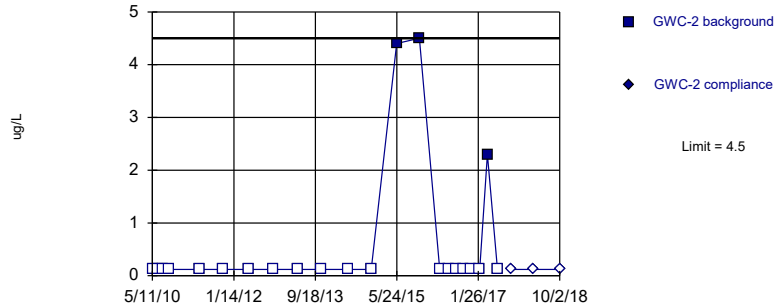


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

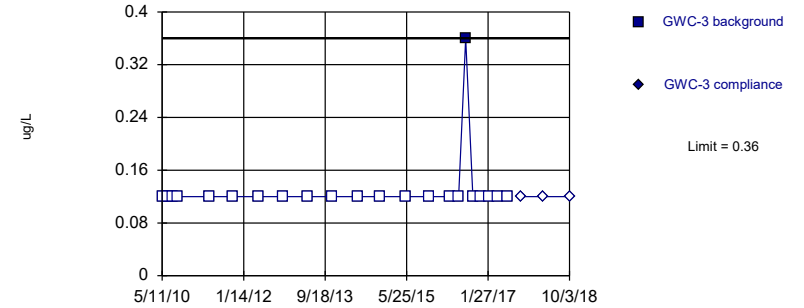


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

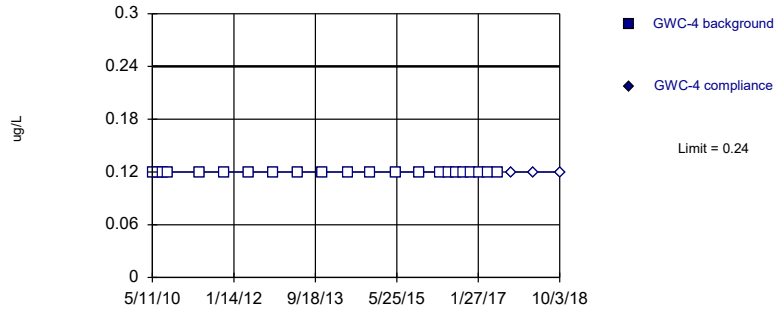


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

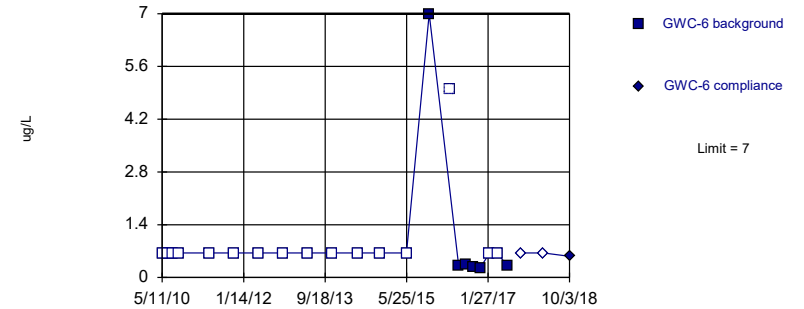


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

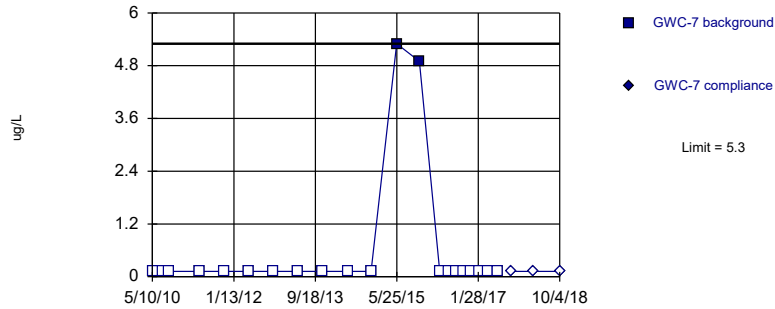


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

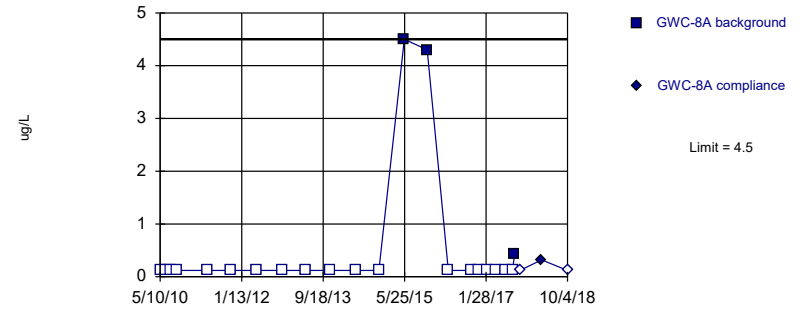


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

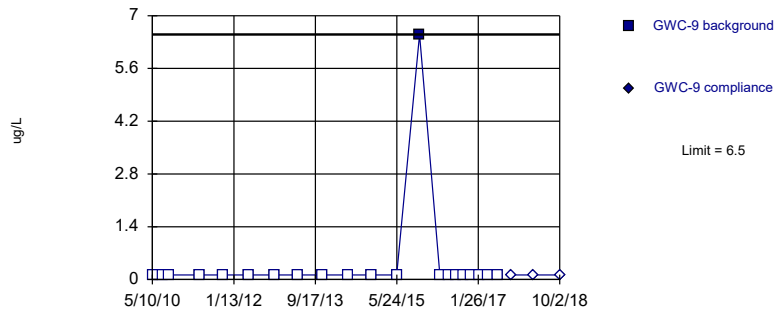


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

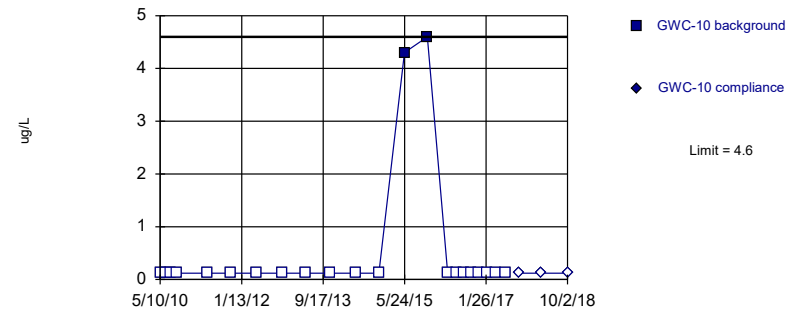


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

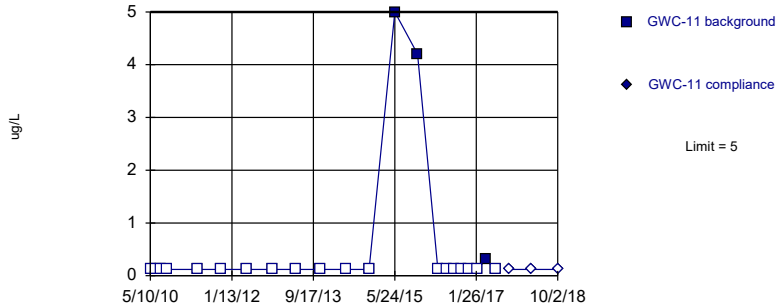


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

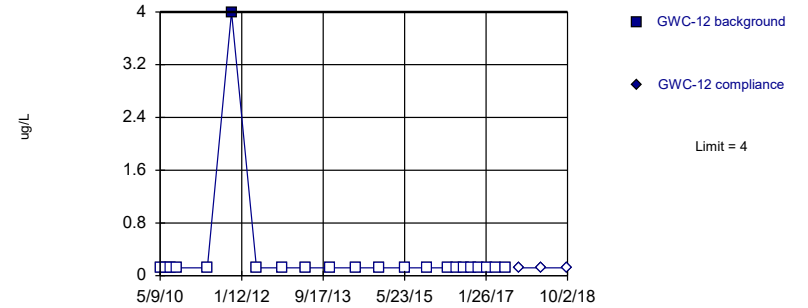


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

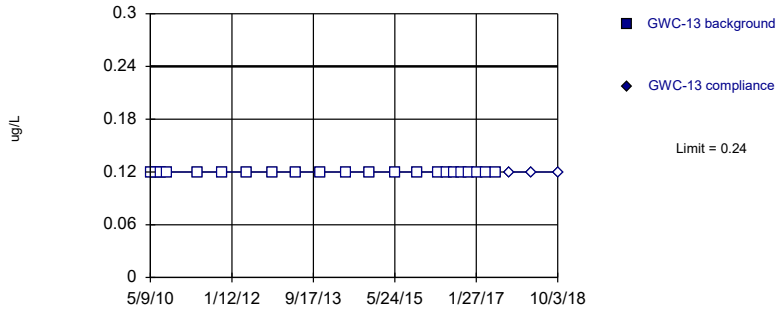


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

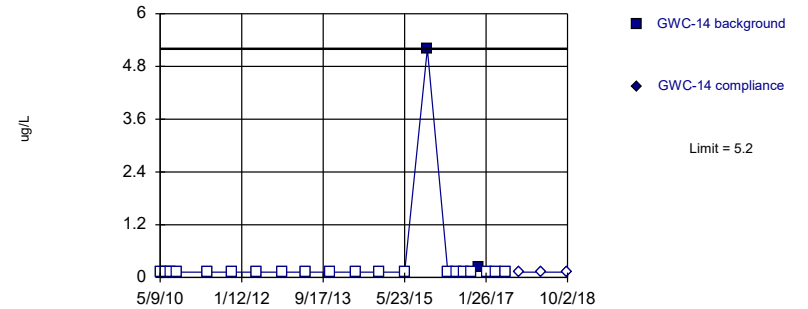


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



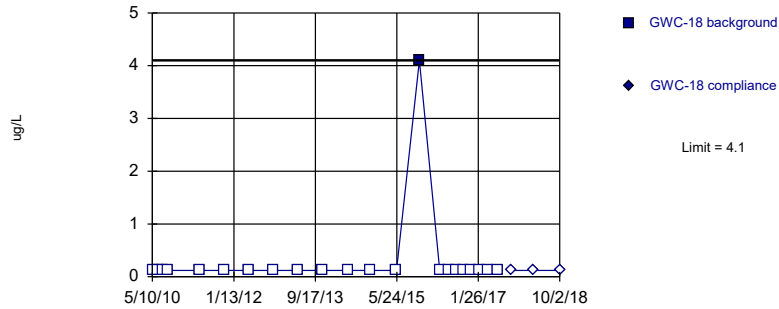
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



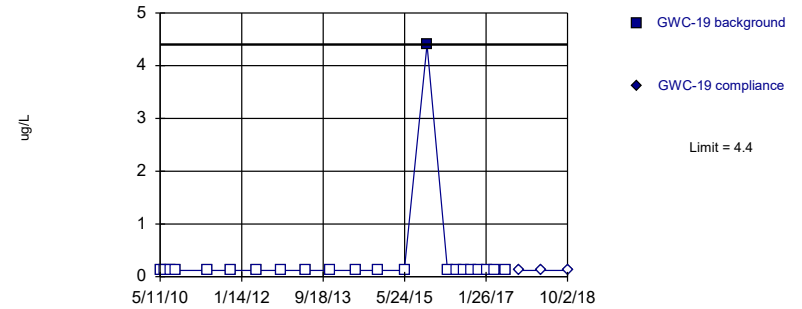
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



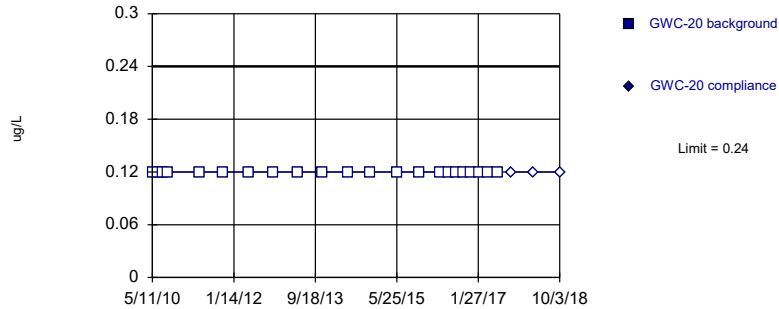
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



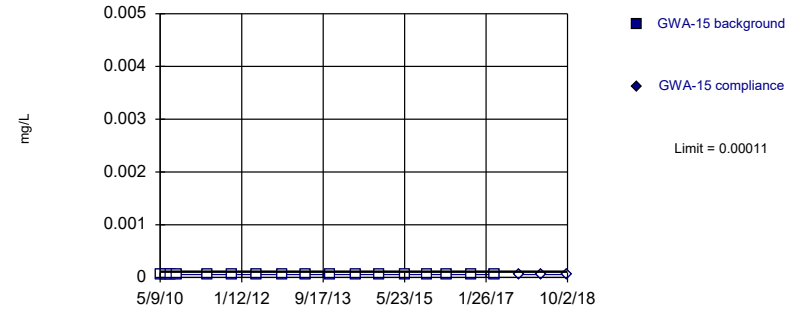
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

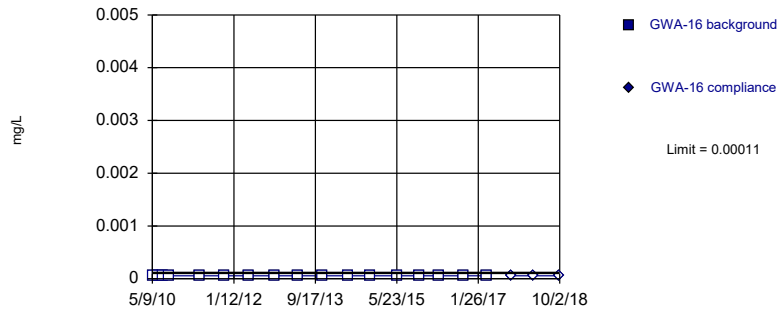


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

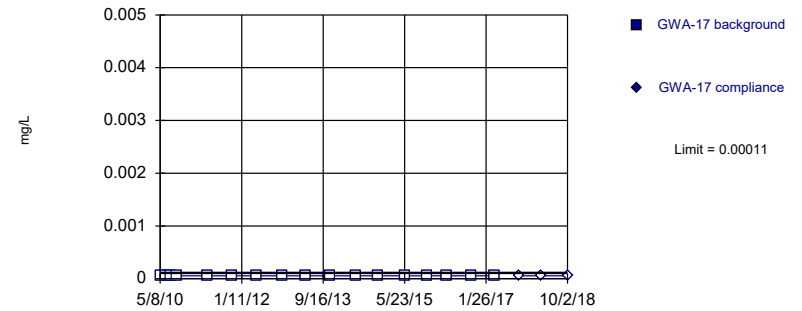


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

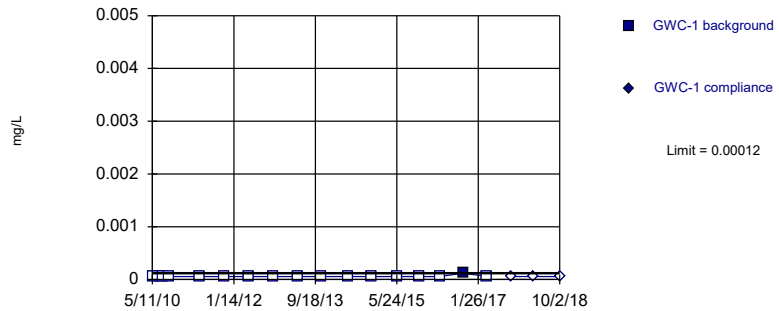


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

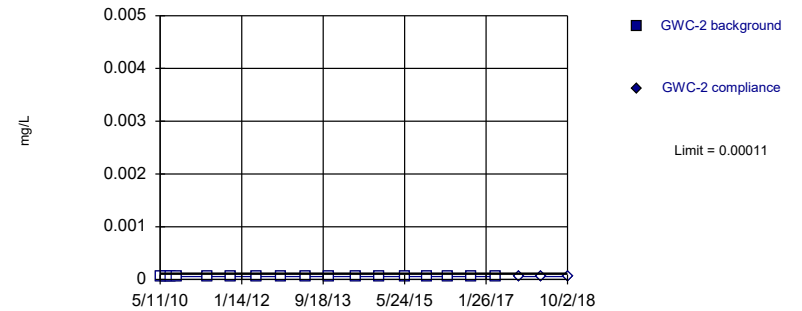


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

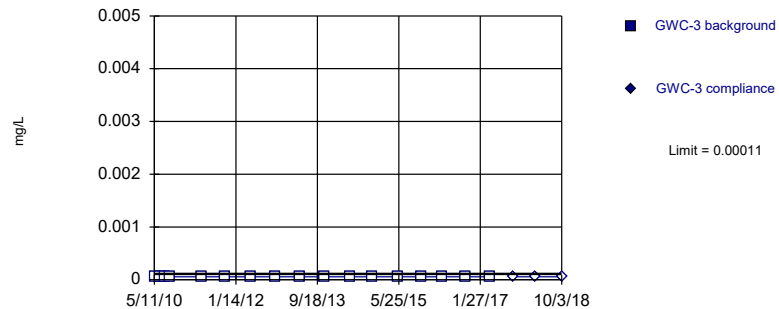
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

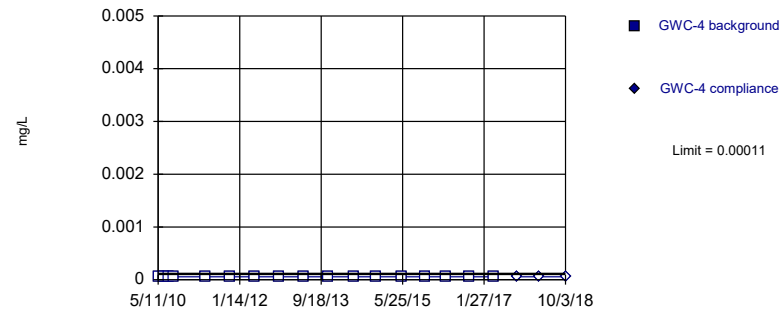
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

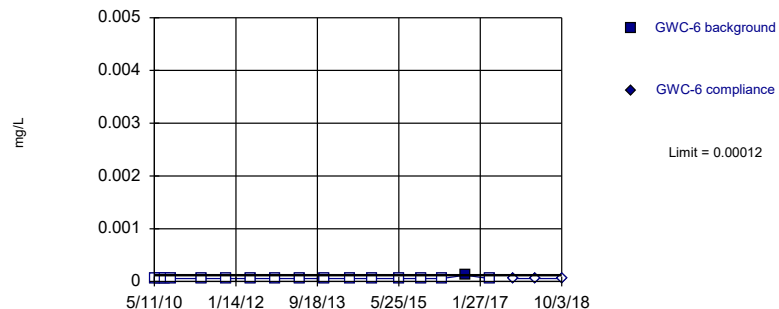
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

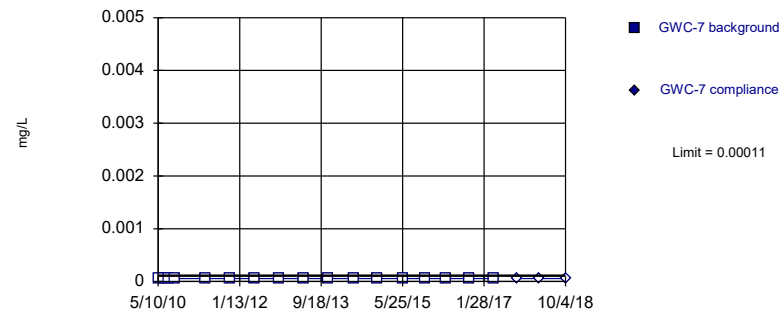
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

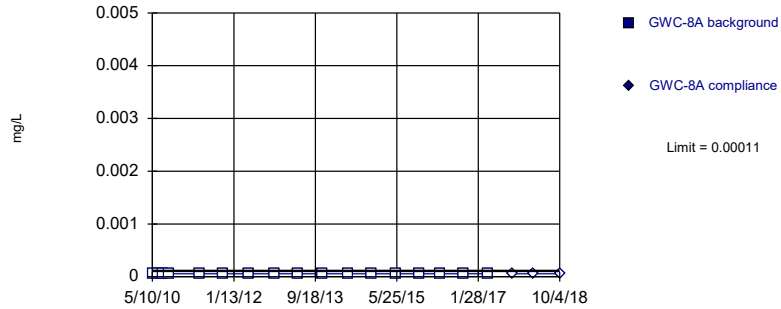


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

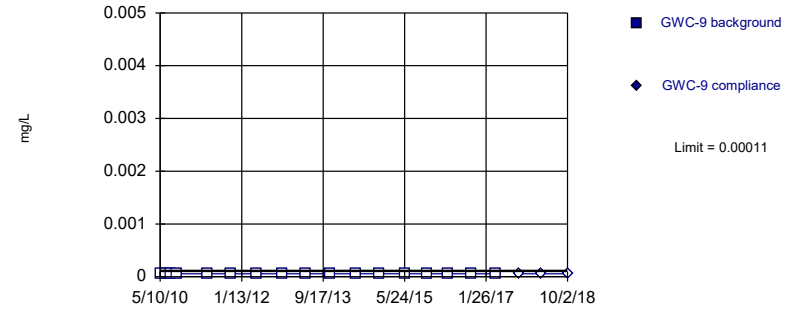


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

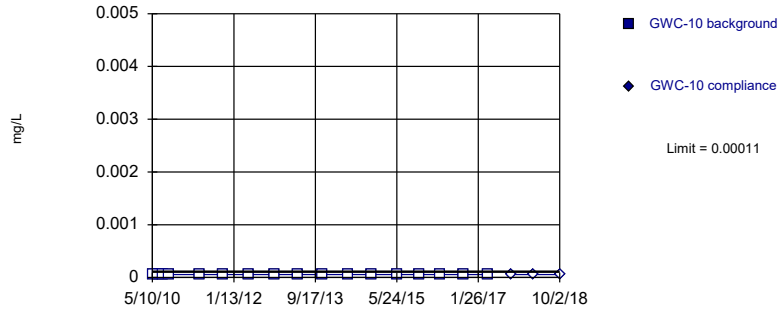


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

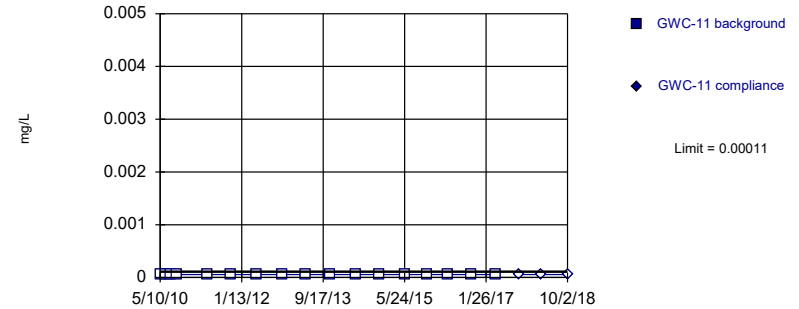


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

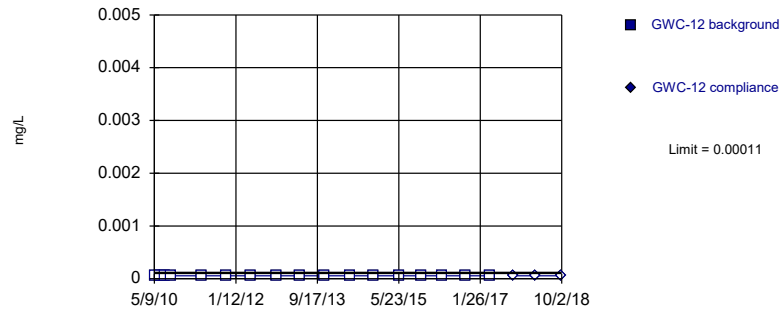


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

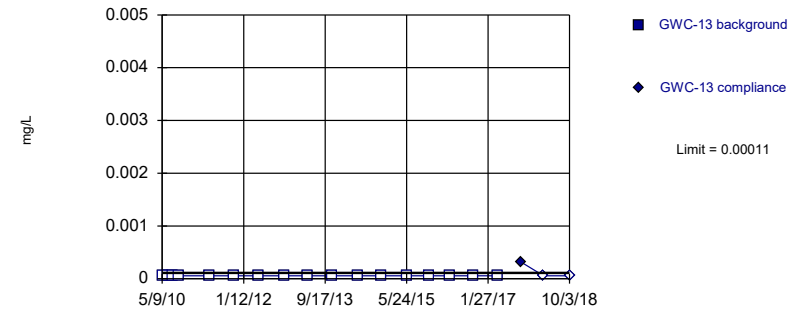


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

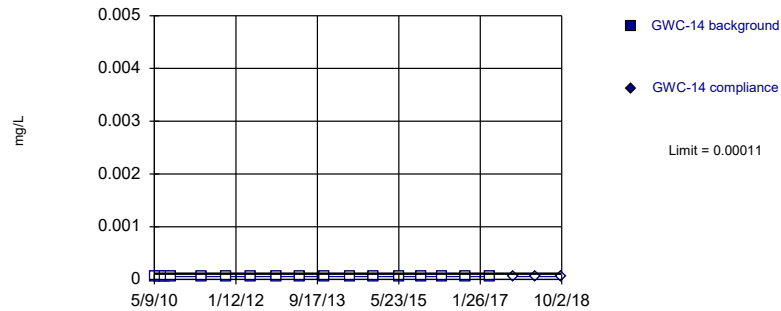


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

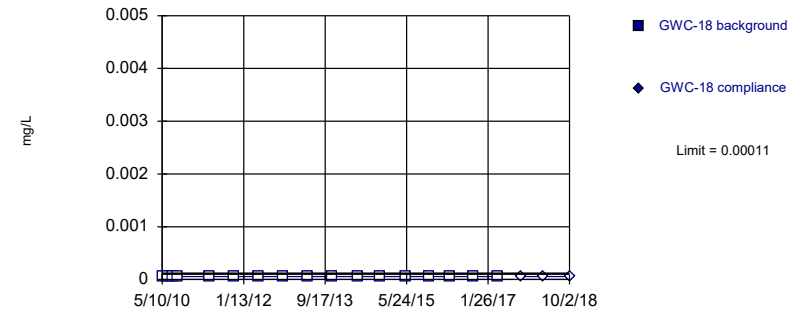


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

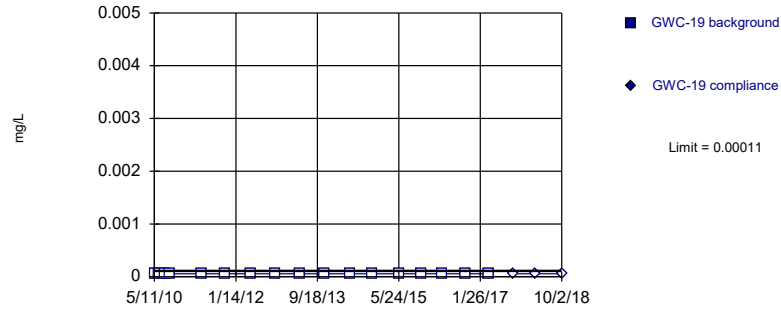
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

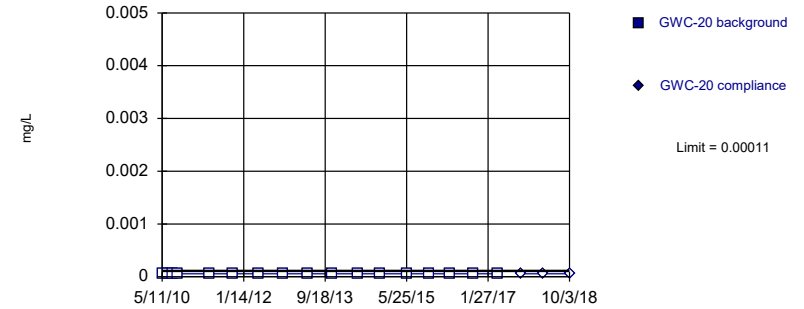
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

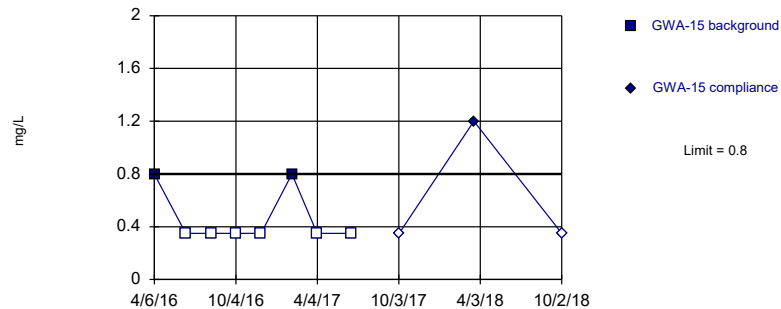
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Silver Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

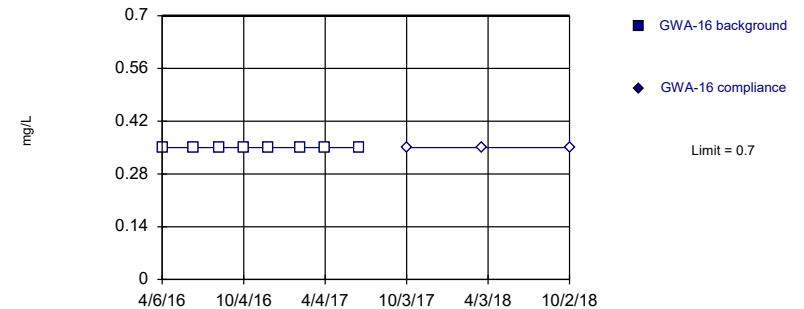
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

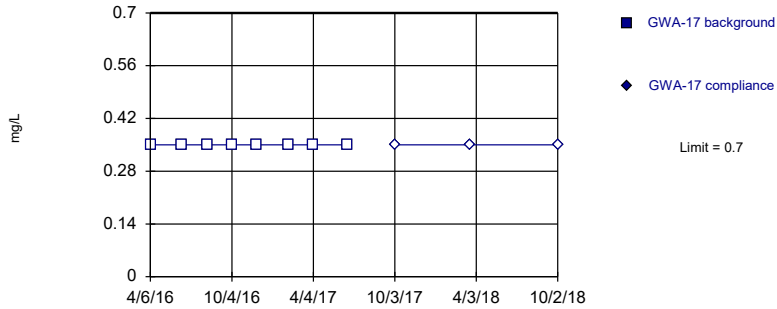
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

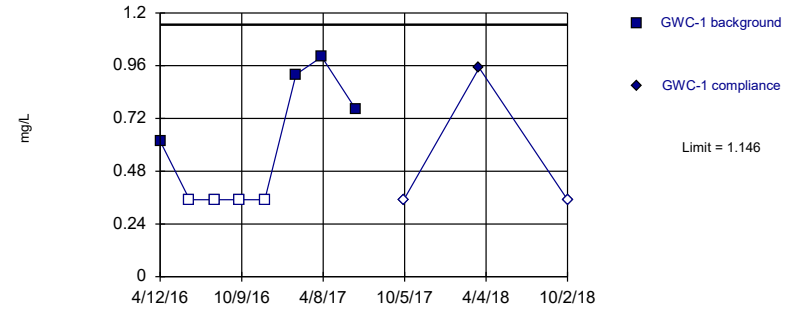
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 12/12/2018 1:58 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

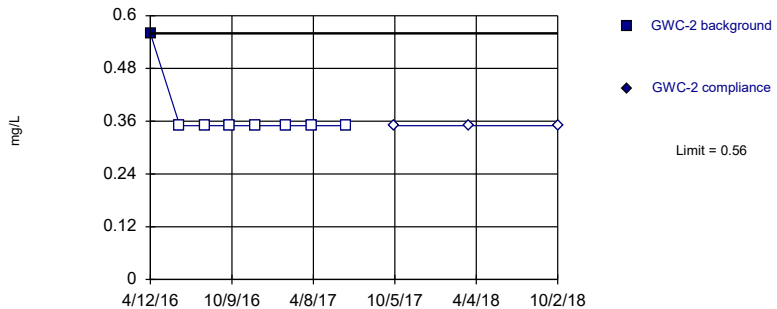
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.7206, Std. Dev.=0.1471, n=8, 50% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8116, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

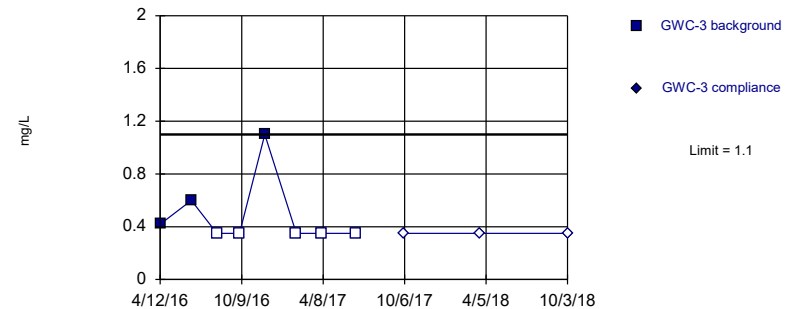
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

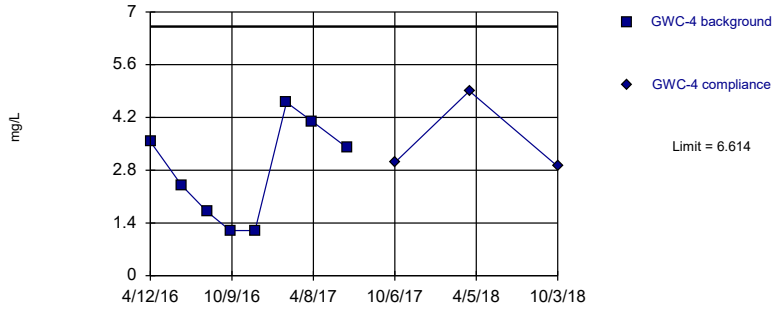


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

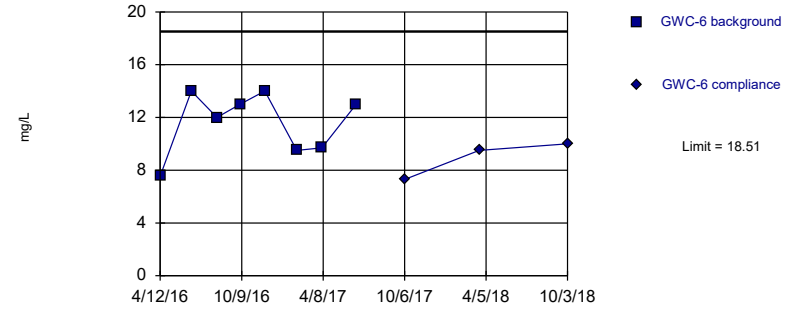


Background Data Summary: Mean=2.77, Std. Dev.=1.328, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9117, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

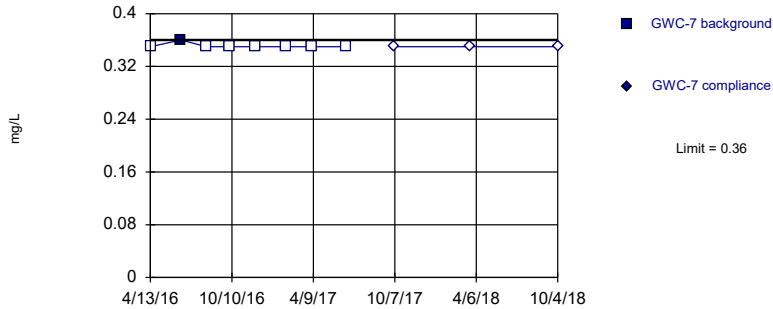


Background Data Summary: Mean=11.59, Std. Dev.=2.391, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8871, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

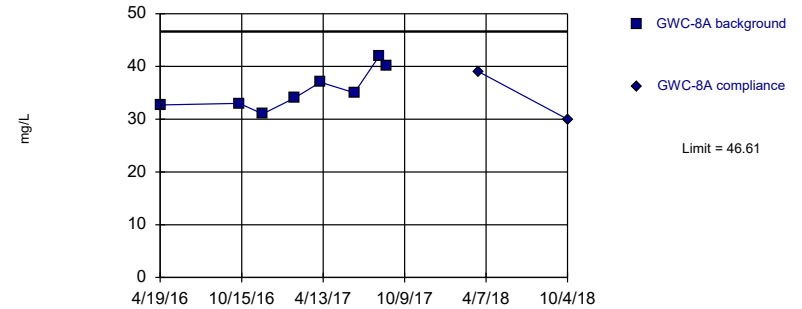


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

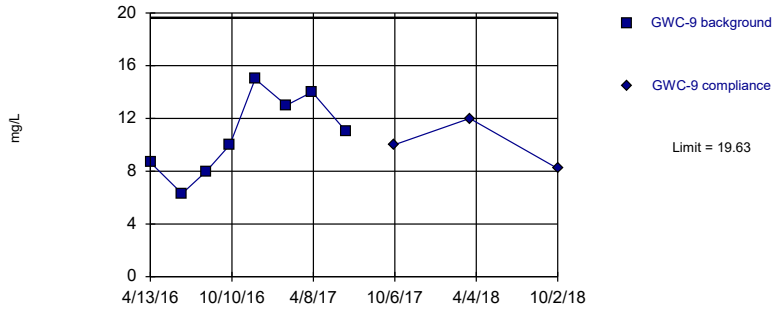


Background Data Summary: Mean=35.59, Std. Dev.=3.808, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9306, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

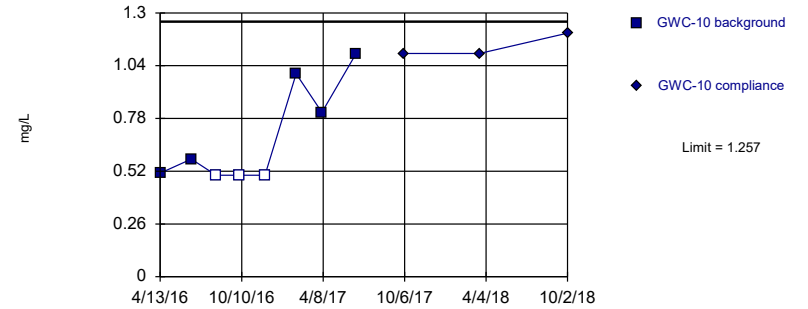


Background Data Summary: Mean=10.75, Std. Dev.=3.072, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9633, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

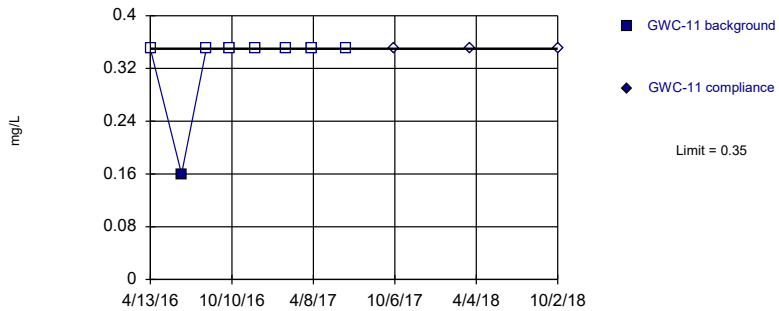


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.6917, Std. Dev.=0.1954, n=8, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7779, critical = 0.749. Kappa overridden to 2.894.

Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

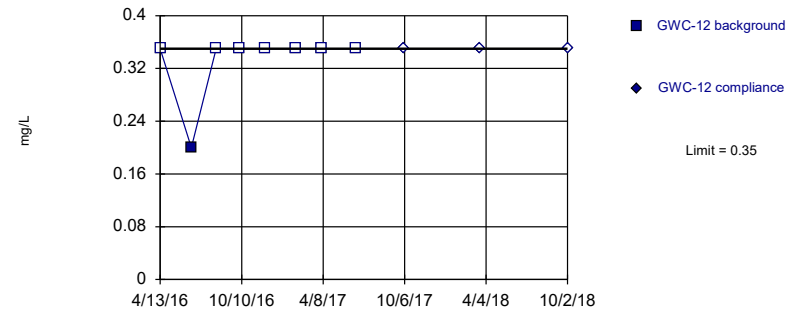


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

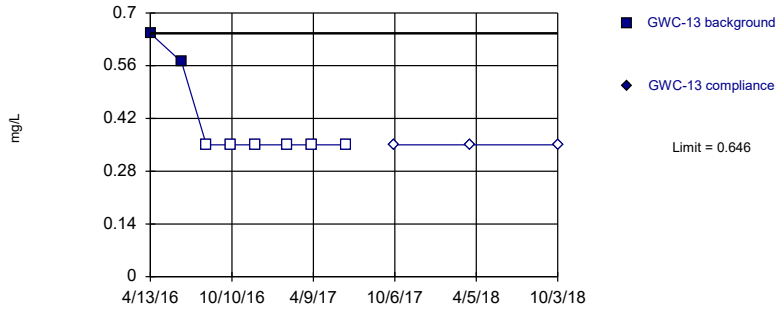
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

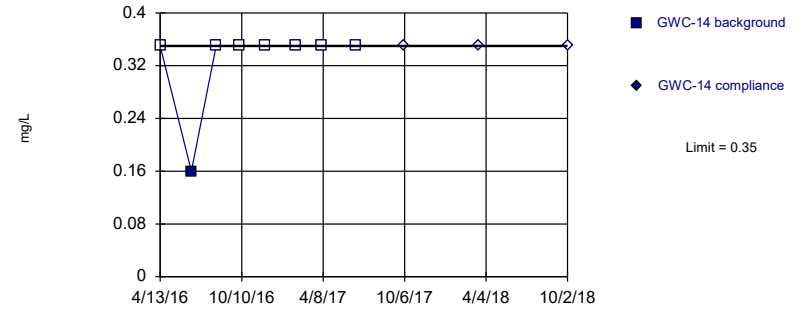
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

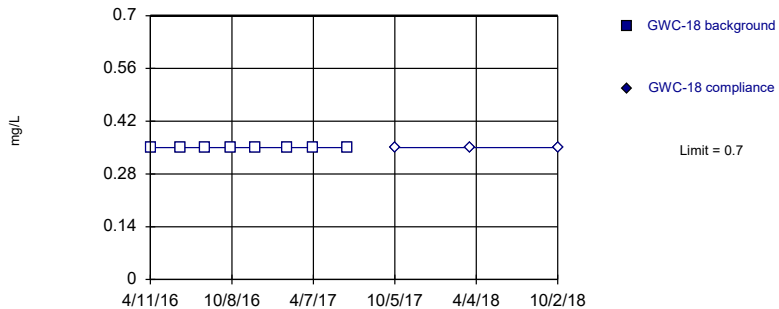
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

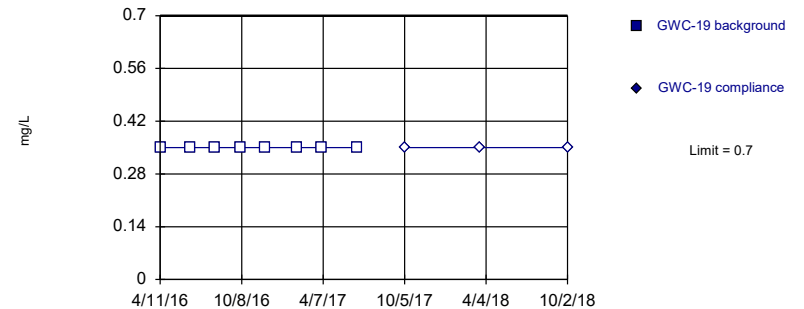
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

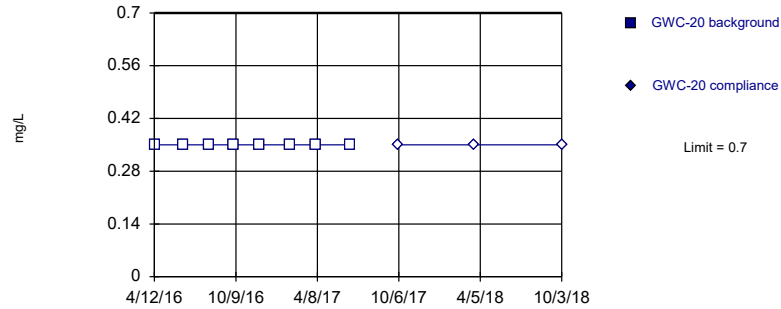
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

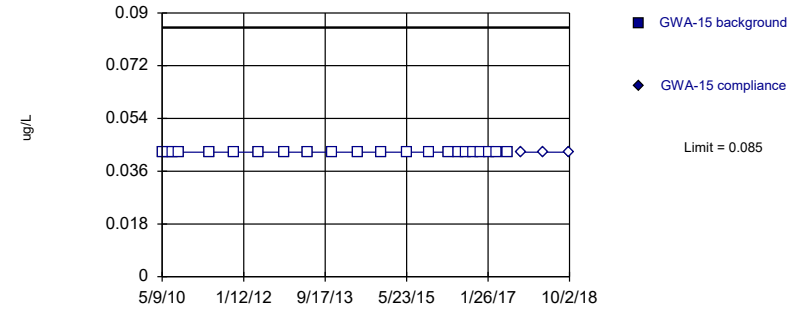
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Sulfate Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

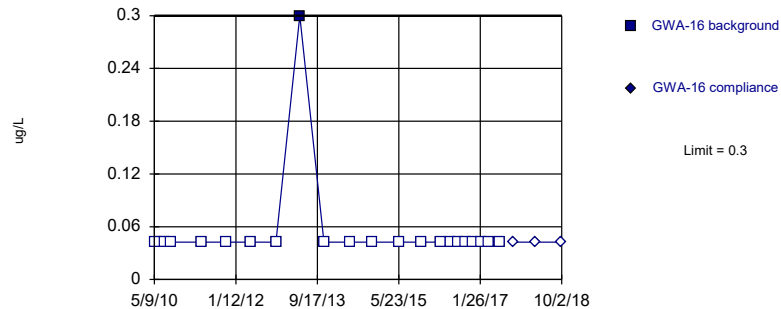
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

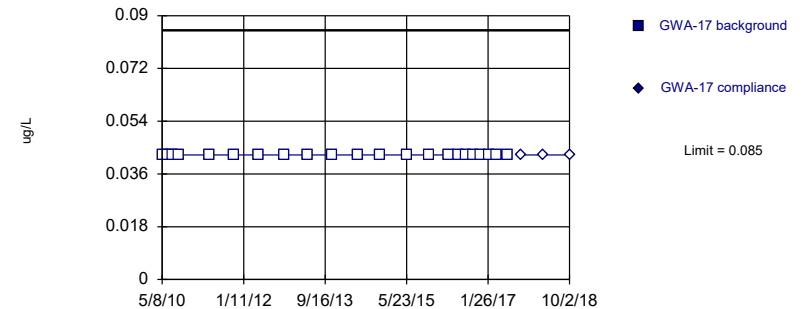
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

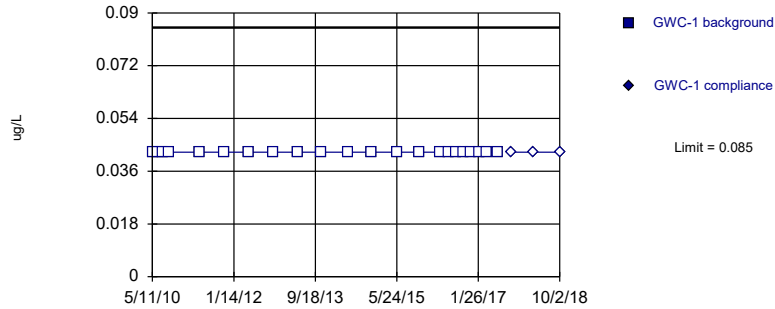


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

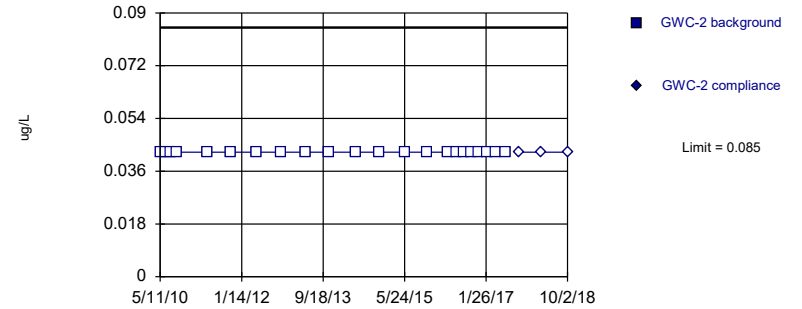


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

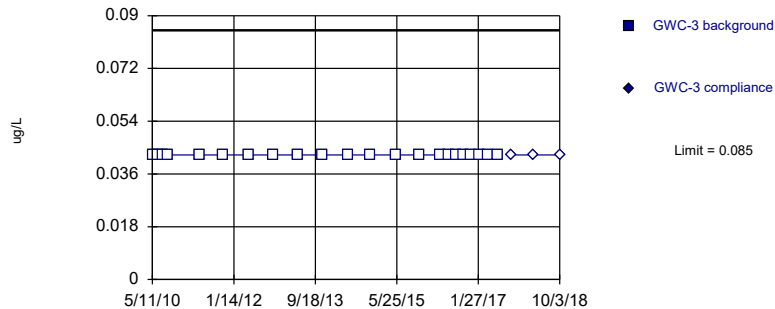


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

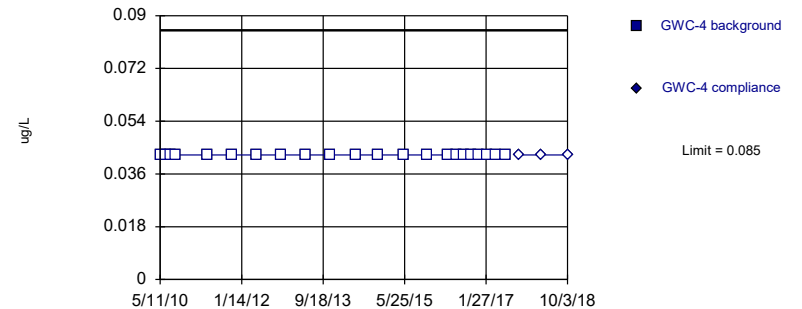


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

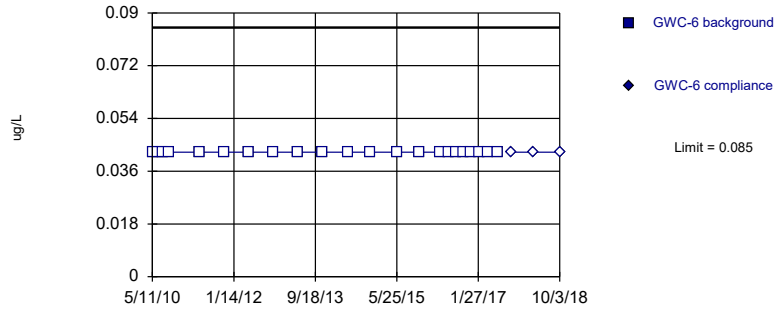


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

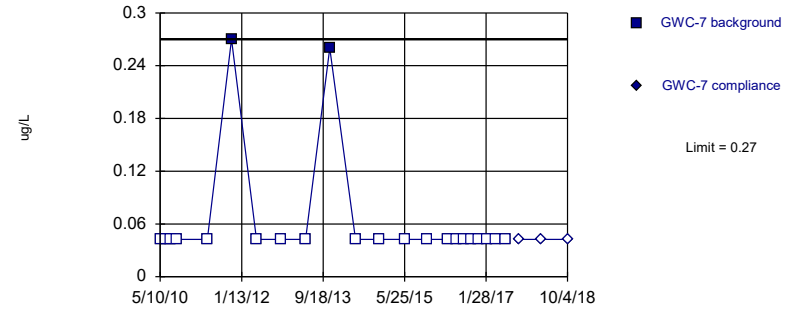


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

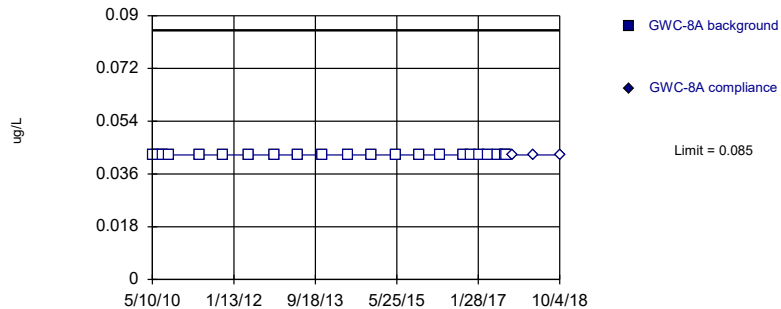


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

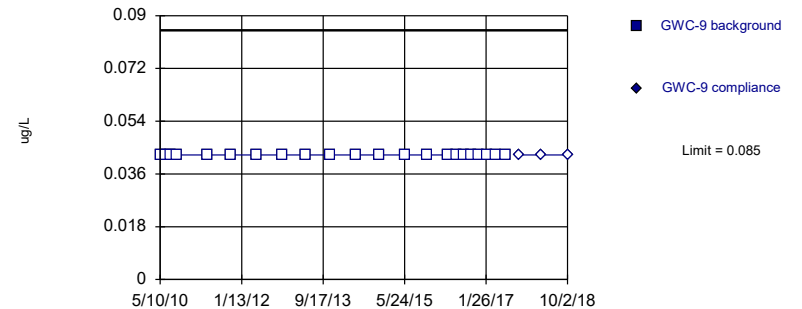


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

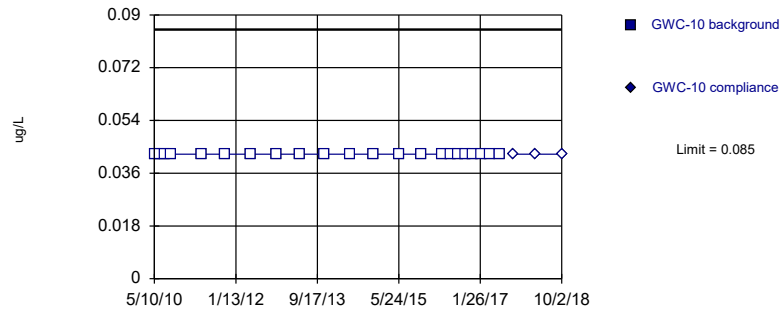


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

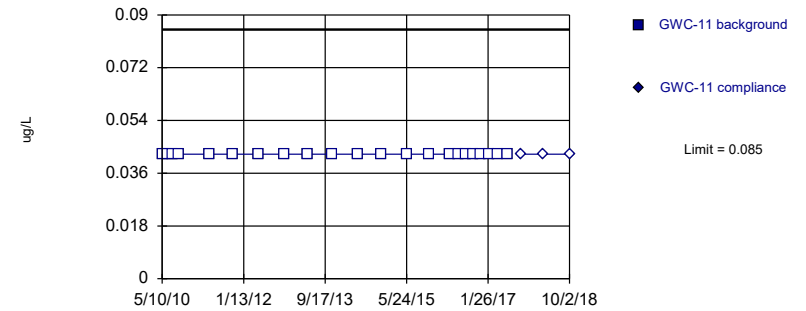


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

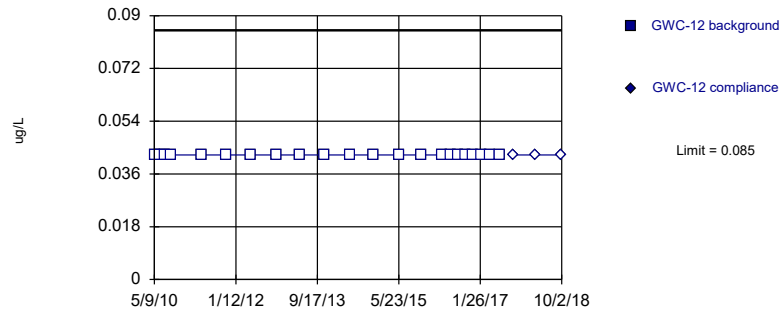


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

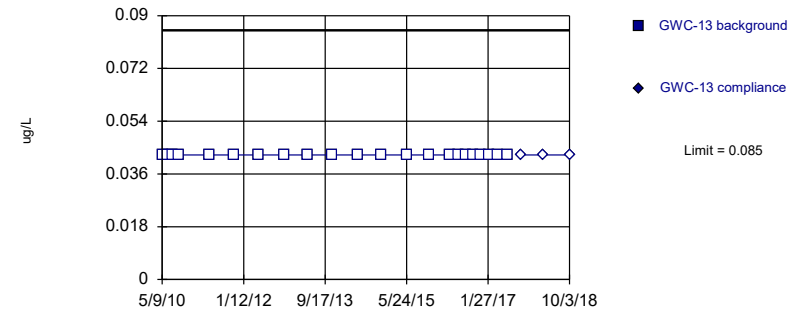


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



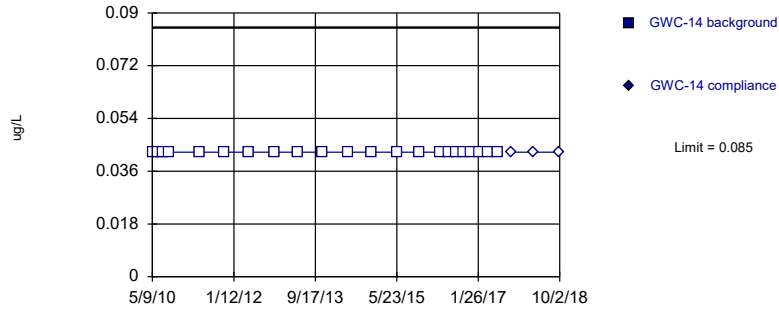
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



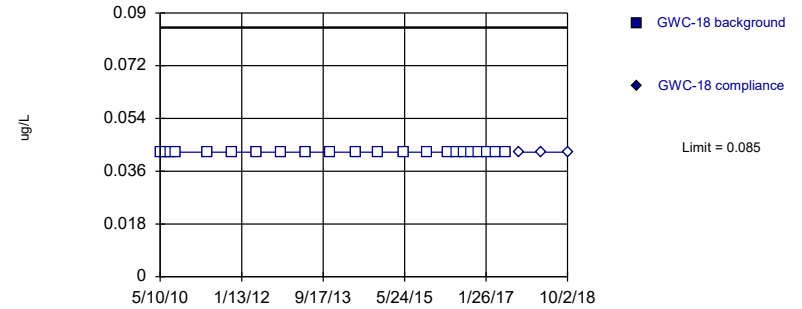
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



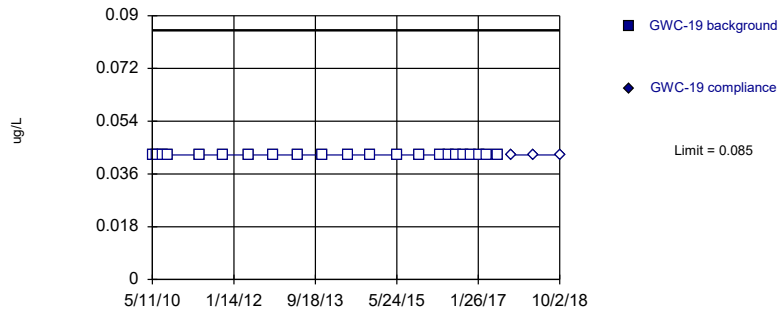
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



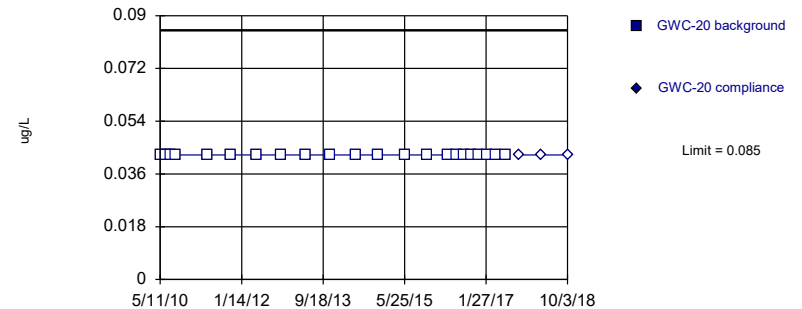
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

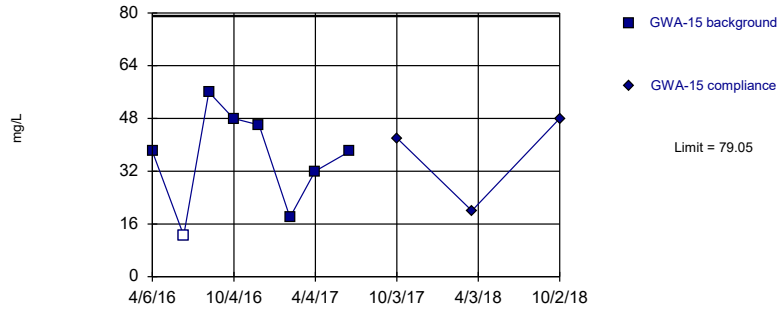
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

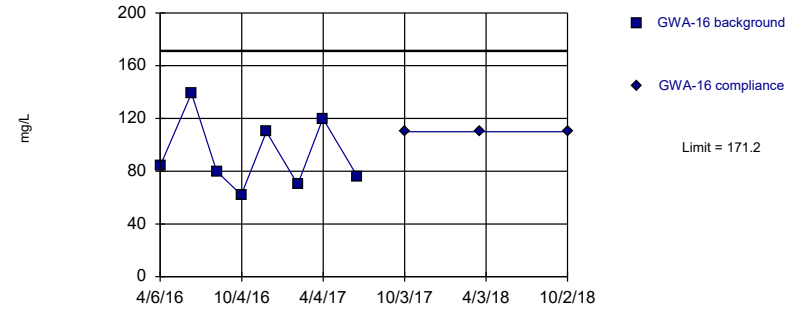
Within Limit Prediction Limit
 Intrawell Parametric



Background Data Summary: Mean=36.06, Std. Dev.=14.85, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9479, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLS
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

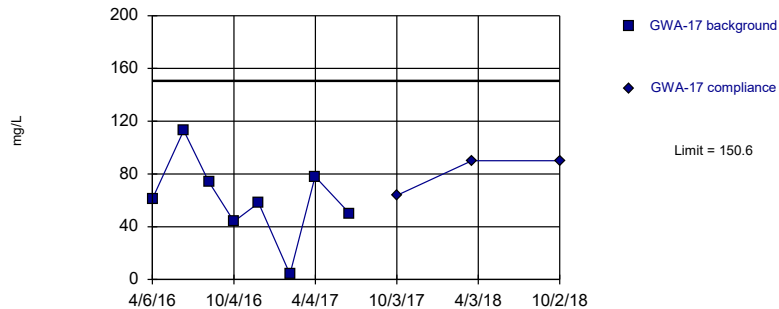
Within Limit Prediction Limit
 Intrawell Parametric



Background Data Summary: Mean=92.63, Std. Dev.=27.16, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9109, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLS
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

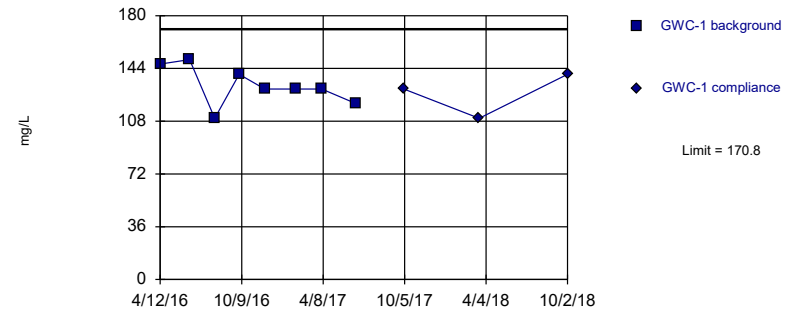
Within Limit Prediction Limit
 Intrawell Parametric



Background Data Summary: Mean=60.25, Std. Dev.=31.23, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9631, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLS
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

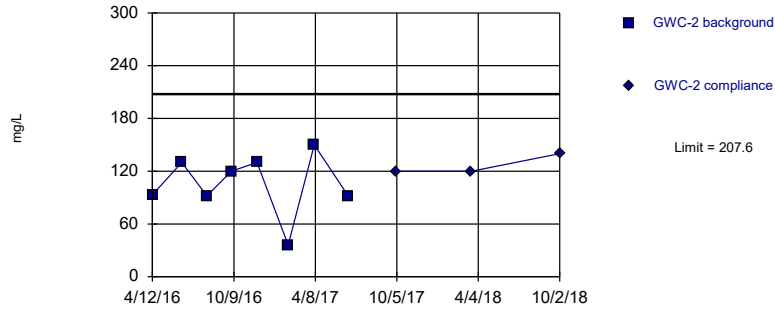
Within Limit Prediction Limit
 Intrawell Parametric



Background Data Summary: Mean=132.1, Std. Dev.=13.38, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9497, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLS
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

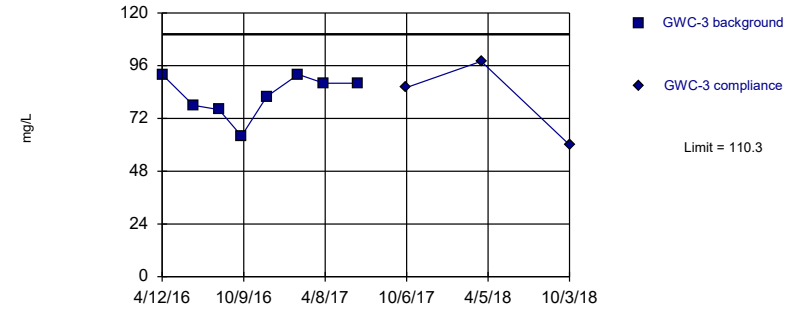
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=105.4, Std. Dev.=35.34, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9092, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

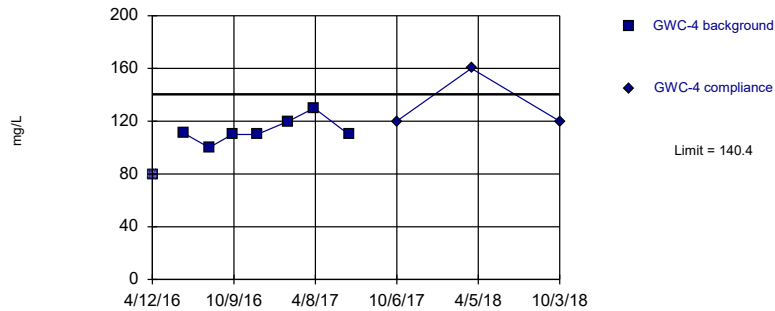
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=82.5, Std. Dev.=9.607, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8982, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

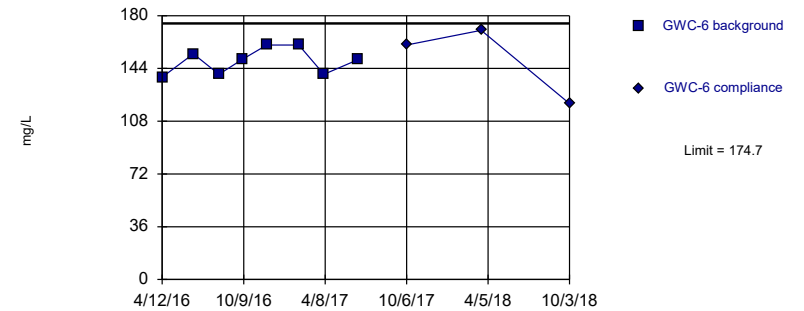
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=113, Std. Dev.=9.469, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.889, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

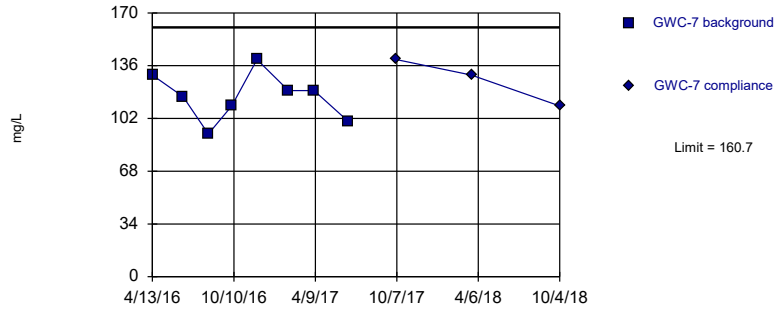
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=149, Std. Dev.=8.88, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8834, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

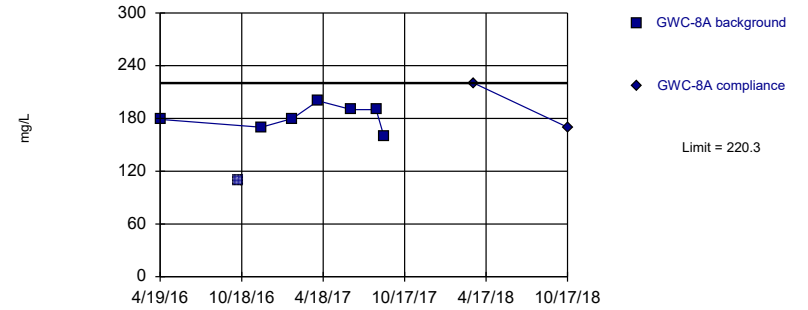
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=116, Std. Dev.=15.46, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9814, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

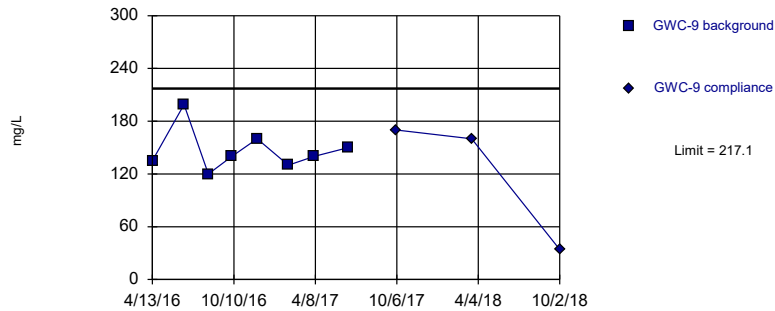
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=181.3, Std. Dev.=13.47, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9716, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

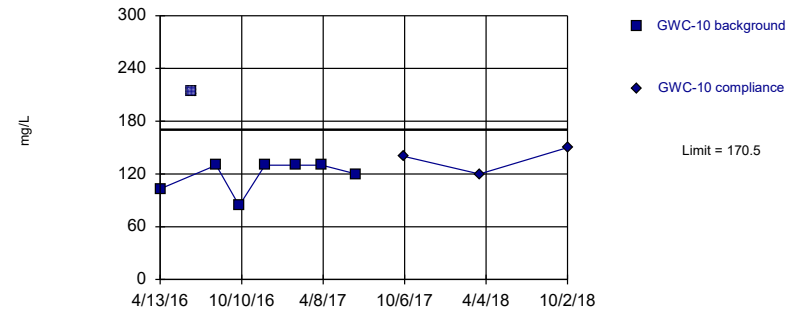
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=146.8, Std. Dev.=24.32, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8669, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

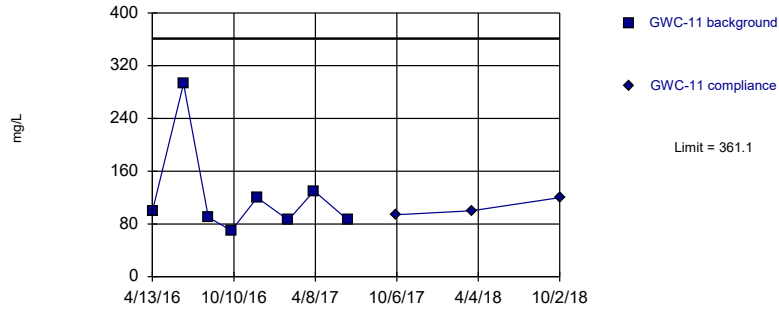
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=118.1, Std. Dev.=18.08, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7464, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

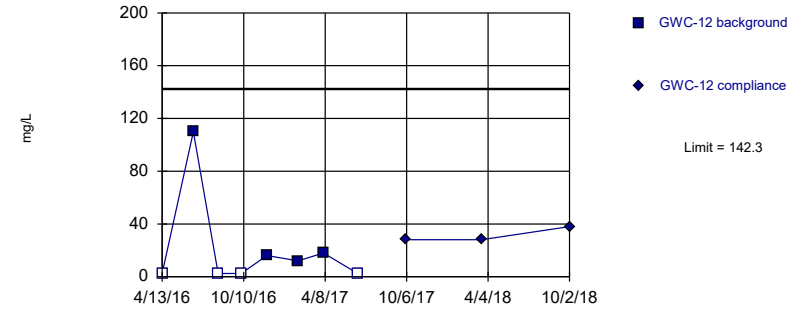
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=4.837, Std. Dev.=0.7892, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7682, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

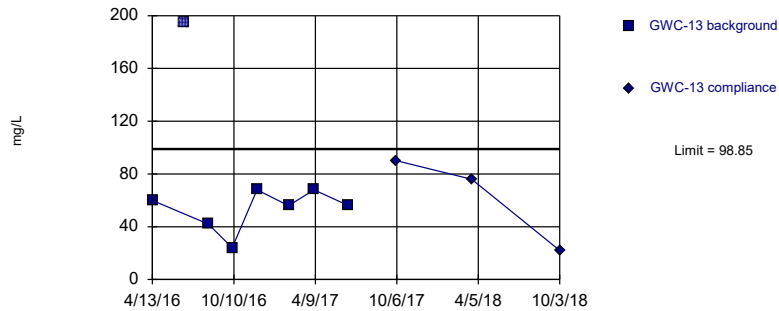
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=2.383, Std. Dev.=0.9808, n=8, 50% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7589, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

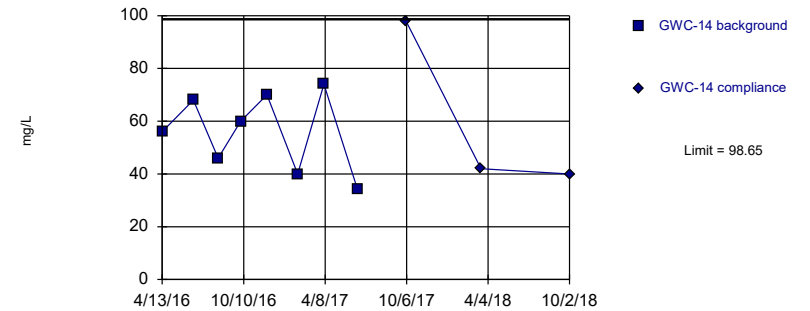
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=53.43, Std. Dev.=15.69, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8705, critical = 0.73. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit Prediction Limit
Intrawell Parametric

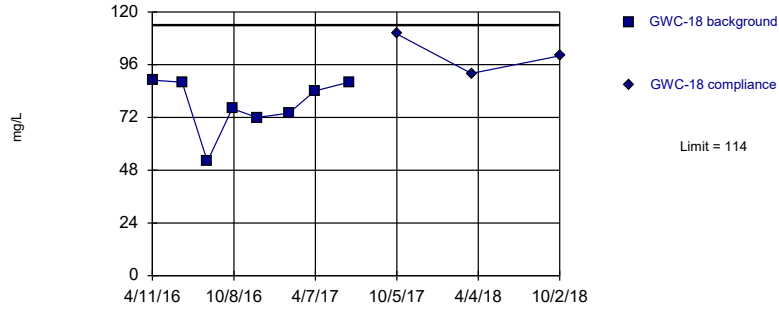


Background Data Summary: Mean=56, Std. Dev.=14.74, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.938, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLS
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

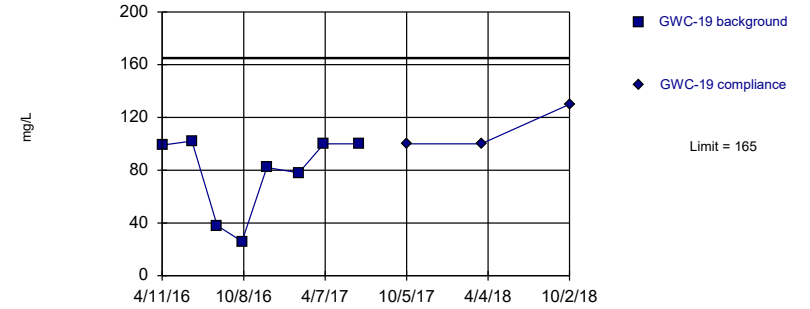


Background Data Summary: Mean=77.88, Std. Dev.=12.47, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8456, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

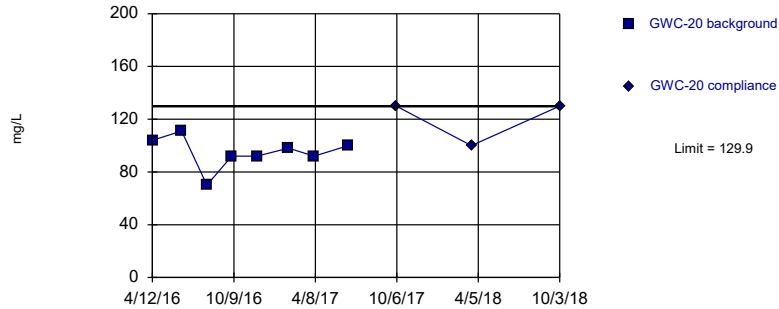


Background Data Summary: Mean=78.13, Std. Dev.=30.01, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7861, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

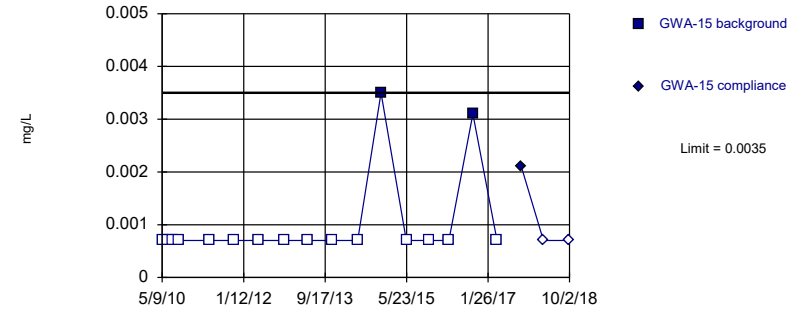


Background Data Summary: Mean=94.88, Std. Dev.=12.09, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9, critical = 0.749. Kappa overridden to 2.894.

Constituent: Total Dissolved Solids Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

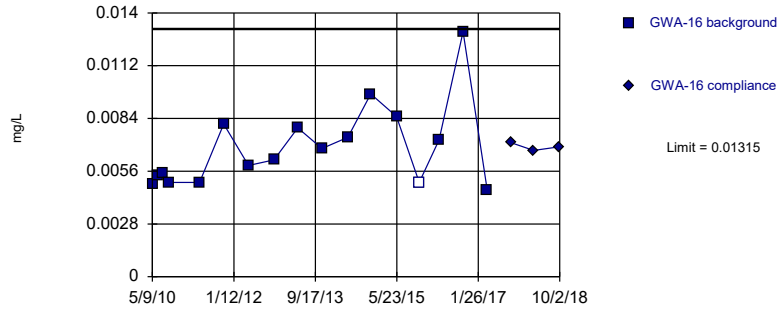


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

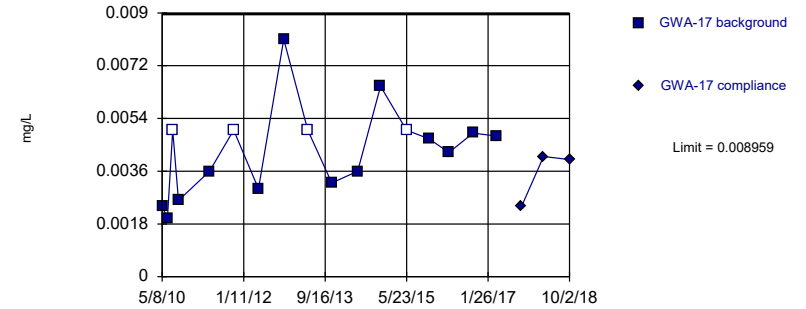


Background Data Summary: Mean=0.006833, Std. Dev.=0.002182, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8555, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

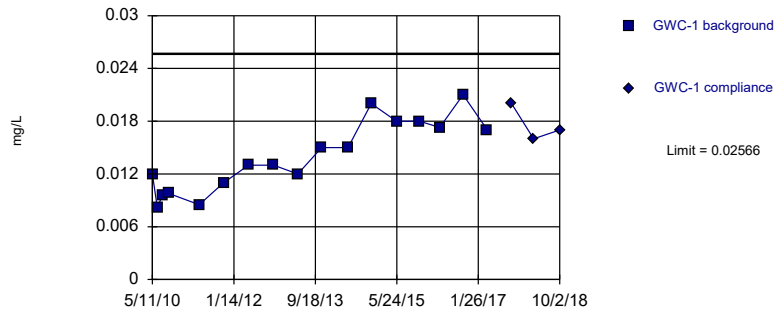


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.004052, Std. Dev.=0.001696, n=17, 23.53% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9316, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

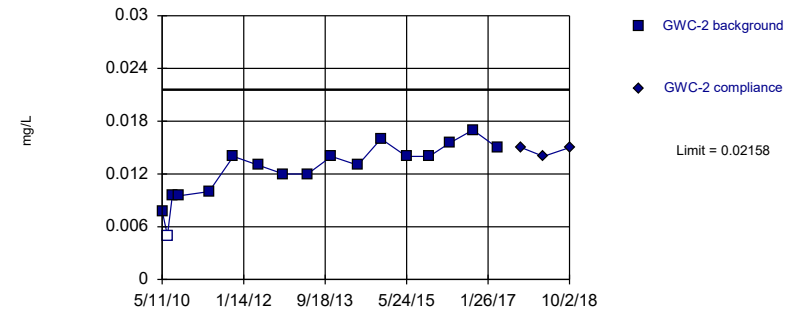


Background Data Summary: Mean=0.01402, Std. Dev.=0.004022, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9514, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

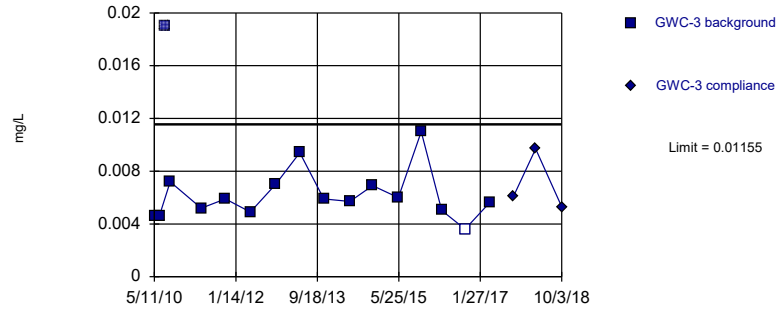


Background Data Summary: Mean=0.01244, Std. Dev.=0.003159, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9406, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Parametric

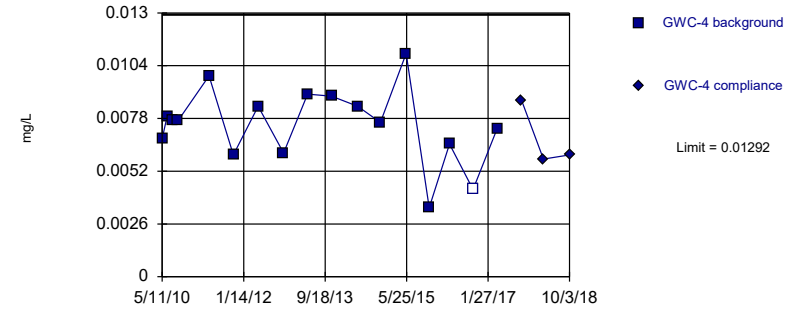


Background Data Summary: Mean=0.006158, Std. Dev.=0.001865, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8752, critical = 0.844. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Parametric

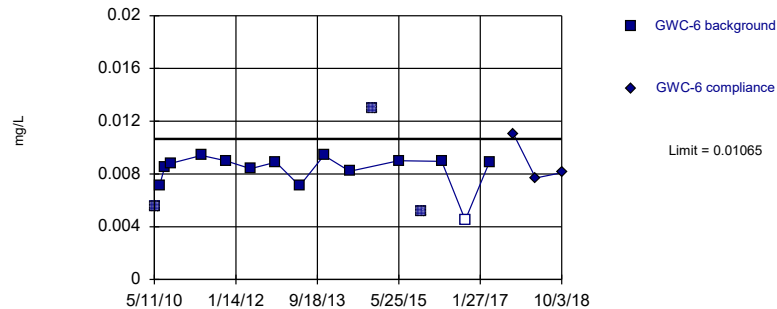


Background Data Summary: Mean=0.007467, Std. Dev.=0.001884, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9736, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Parametric

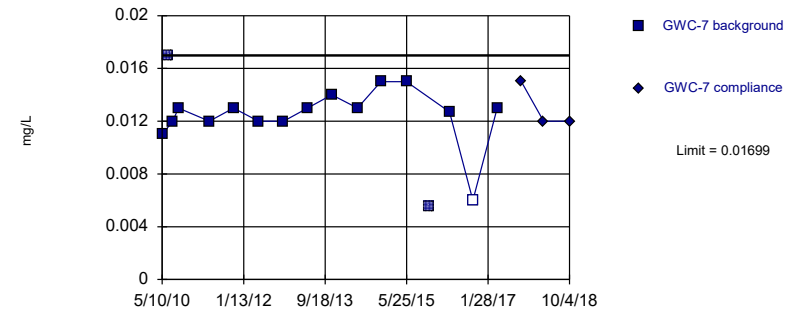


Background Data Summary (based on cube transformation): Mean=6.1e-7, Std. Dev.=2.1e-7, n=14, 7.143% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8523, critical = 0.825. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Sanitas™ v.9.6.11 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Parametric

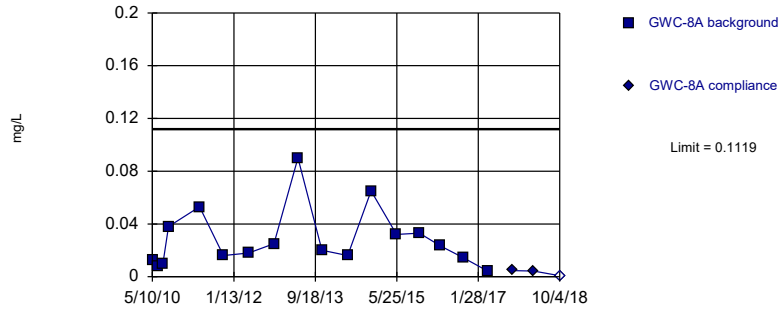


Background Data Summary (based on square transformation): Mean=0.000159, Std. Dev.=0.00004477, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8596, critical = 0.835. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

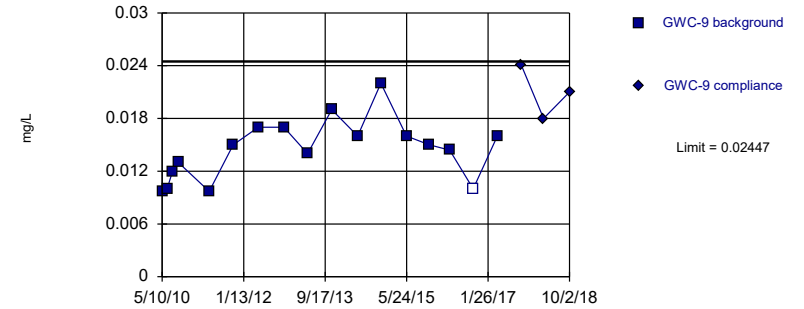


Background Data Summary (based on square root transformation): Mean=0.1568, Std. Dev.=0.06137, n=17.
Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9447, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

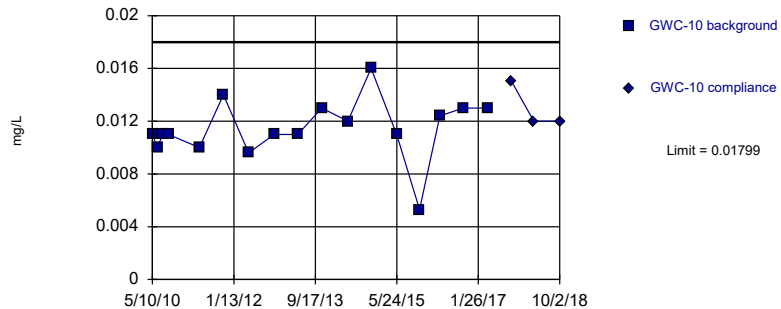


Background Data Summary: Mean=0.01446, Std. Dev.=0.00346, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.942, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 1:59 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

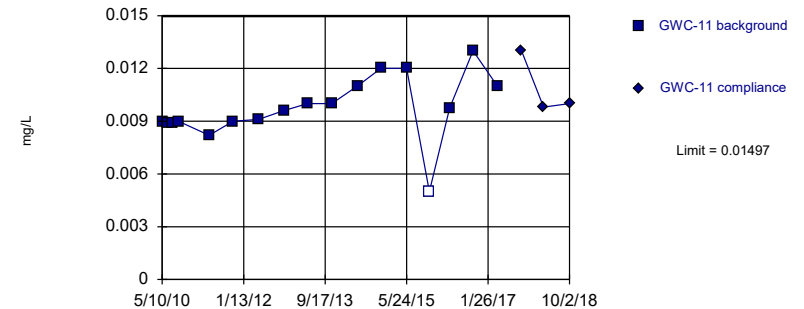


Background Data Summary: Mean=0.01143, Std. Dev.=0.002268, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9088, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

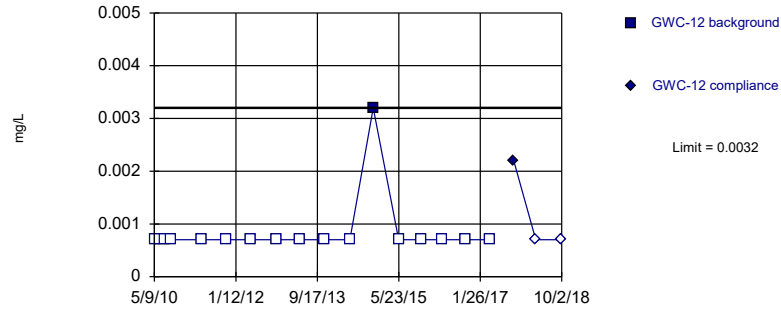


Background Data Summary: Mean=0.009733, Std. Dev.=0.001811, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9165, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

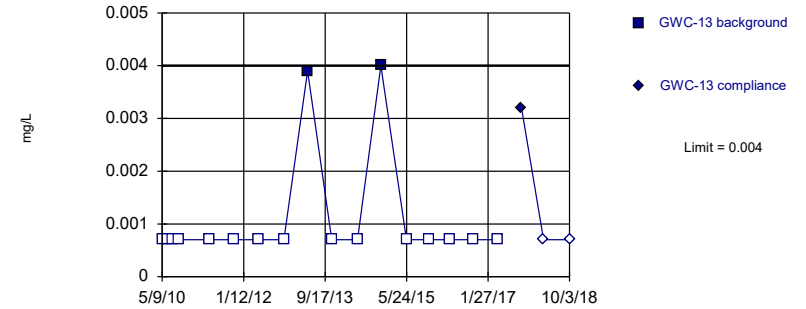


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

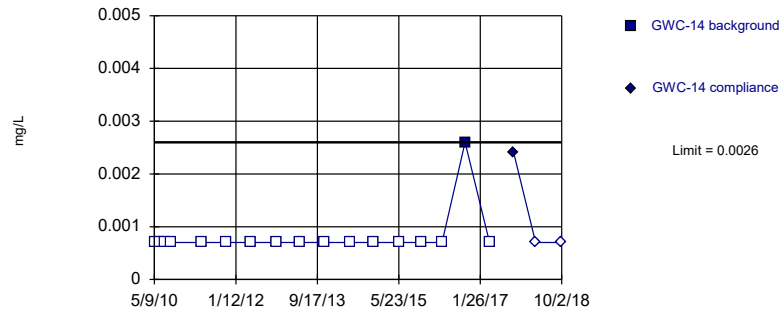


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

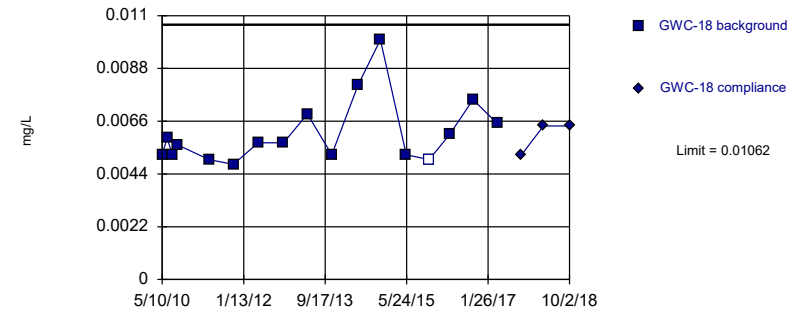


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Vanadium Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

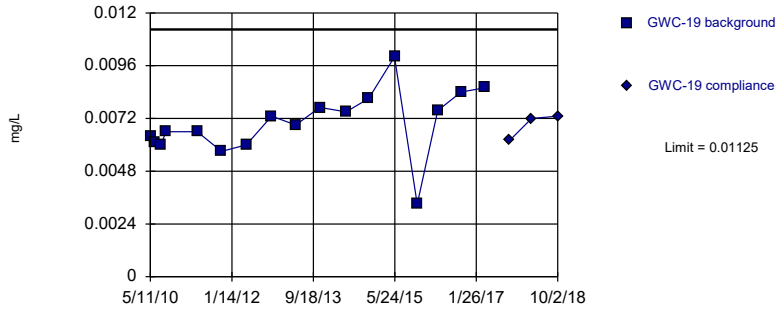


Background Data Summary (based on natural log transformation): Mean=-5.121, Std. Dev.=0.1992, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8677, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

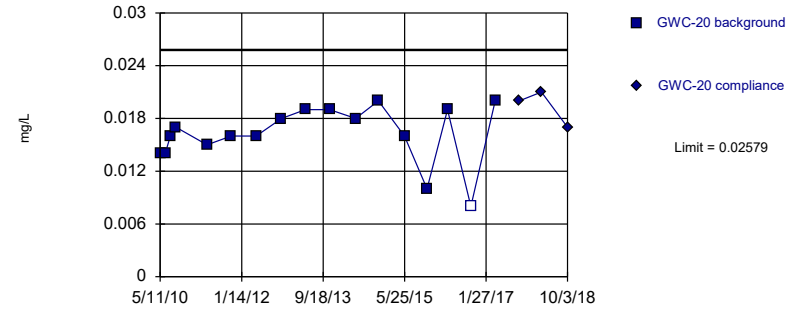


Background Data Summary: Mean=0.006986, Std. Dev.=0.001474, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9573, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

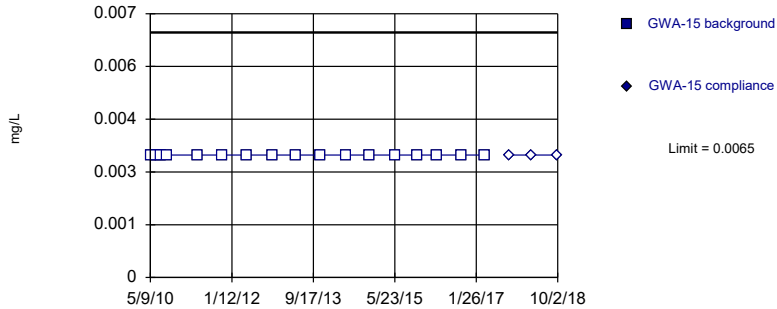


Background Data Summary: Mean=0.01618, Std. Dev.=0.003321, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.887, critical = 0.851. Kappa overridden to 2.894.

Constituent: Vanadium Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

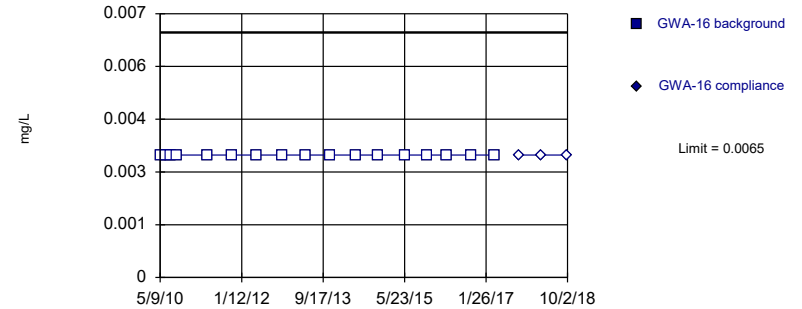


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

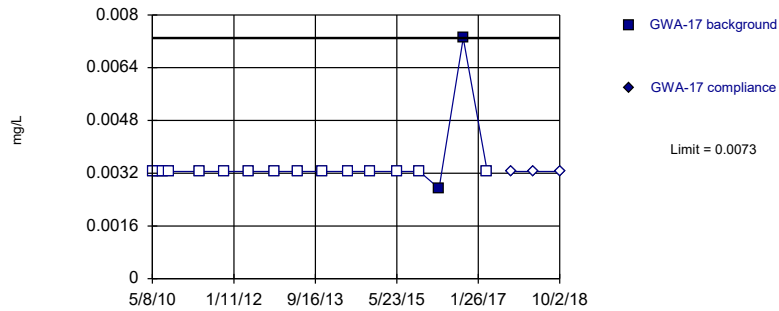


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

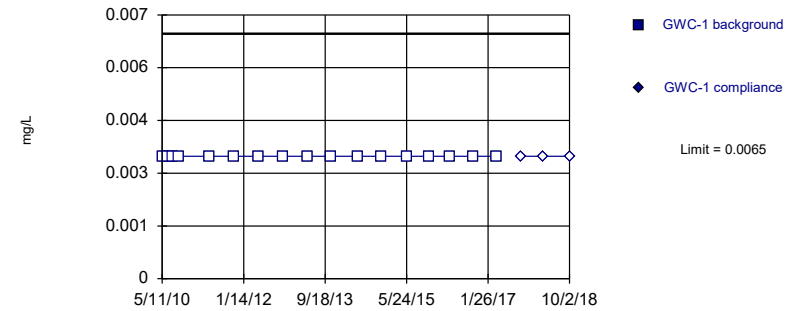


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

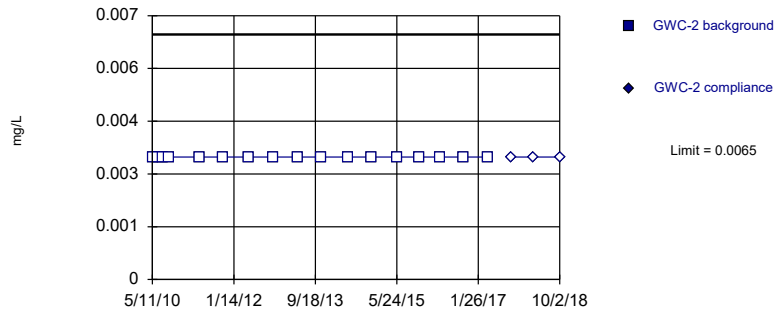


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

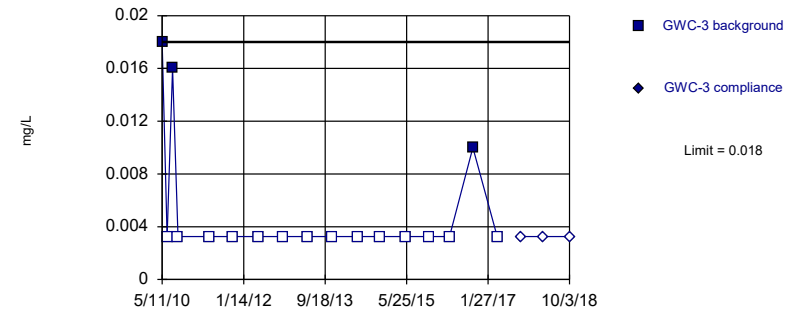


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

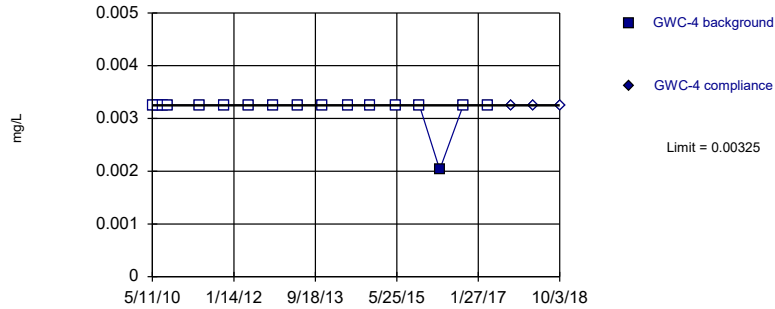


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

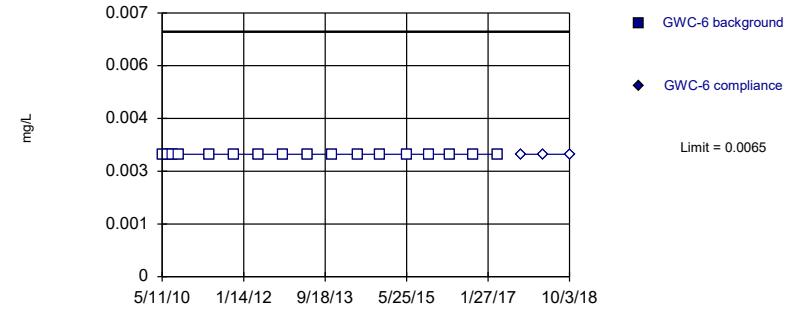


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

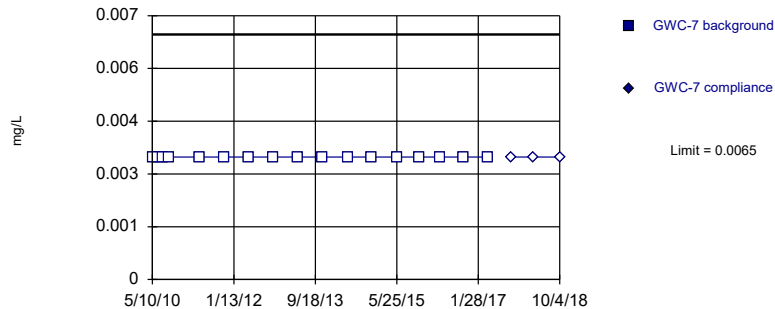


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

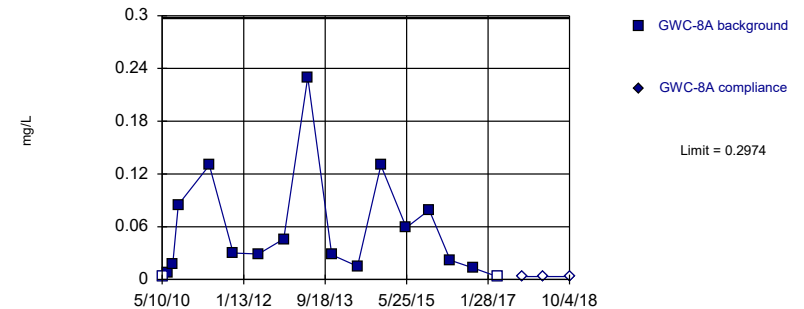


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Parametric

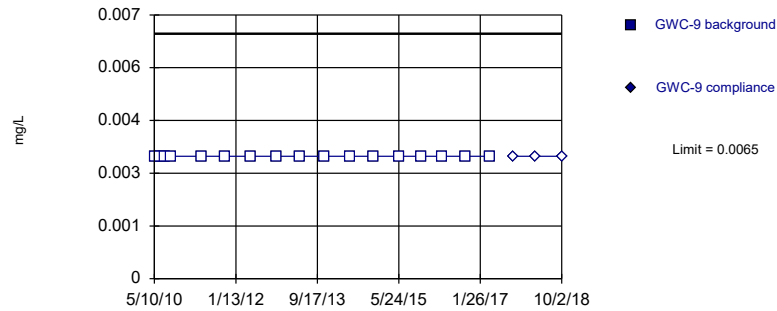


Background Data Summary (based on square root transformation): Mean=0.2035, Std. Dev.=0.1181, n=17, 11.76% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9277, critical = 0.851. Kappa overridden to 2.894.

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

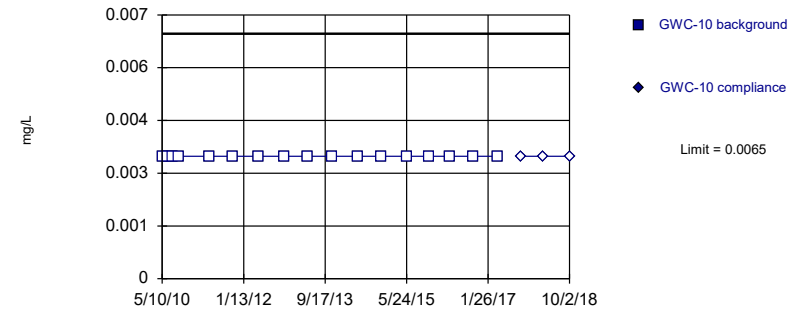


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

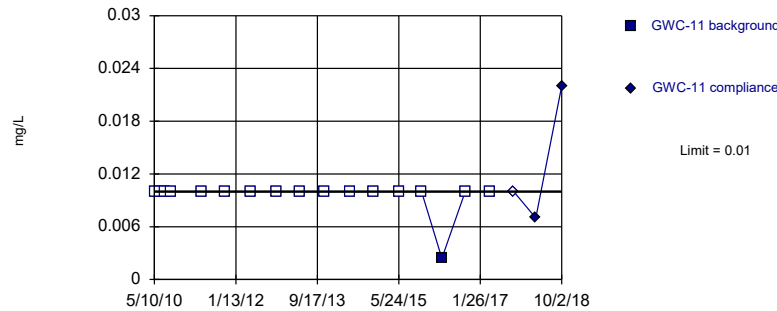


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

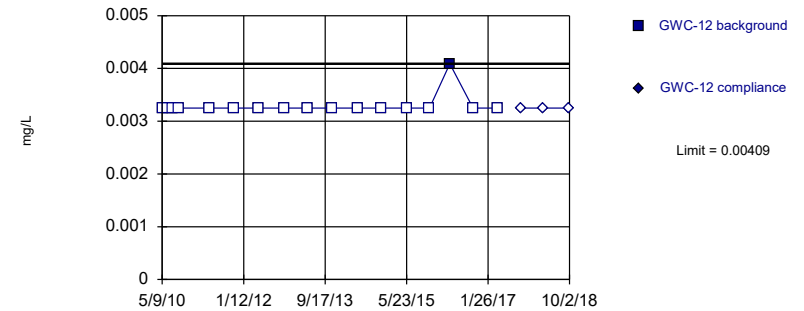


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

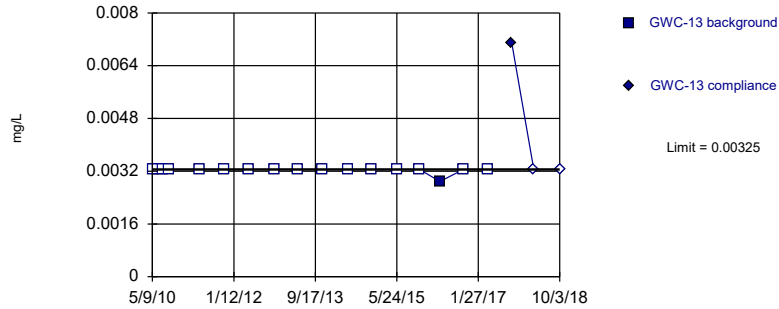


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

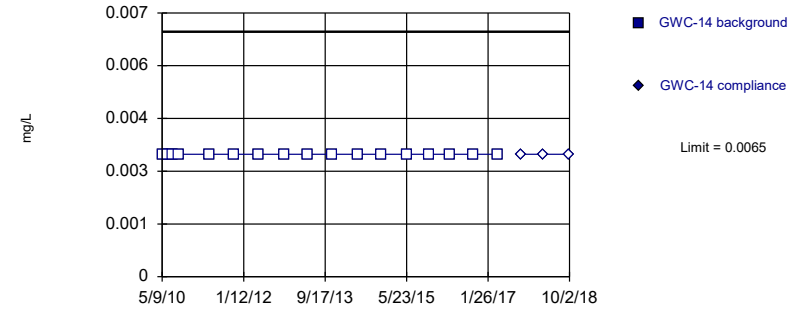


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

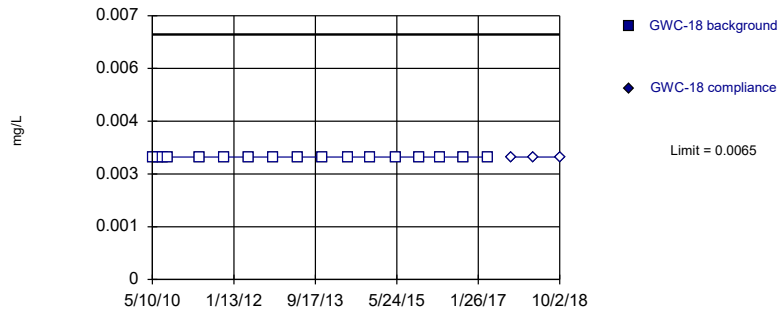


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

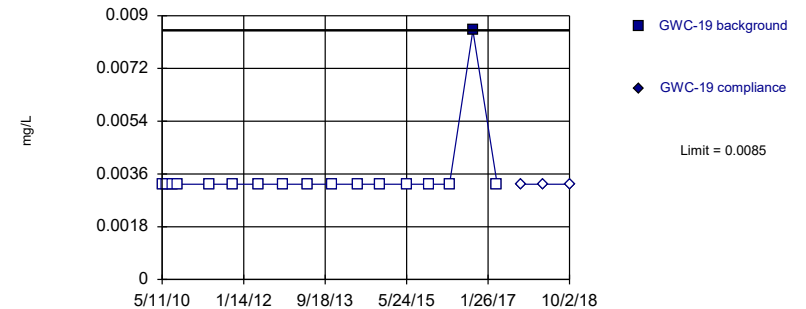


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

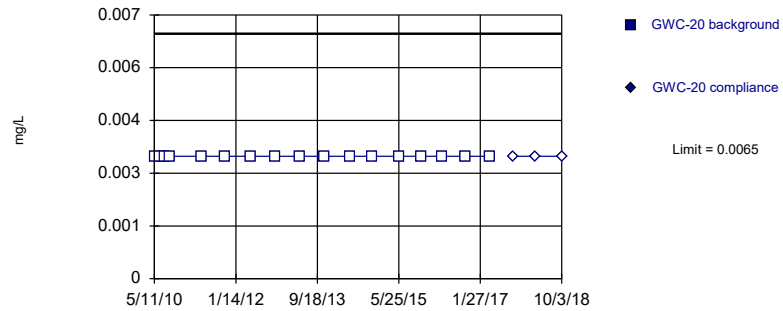


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Within Limit

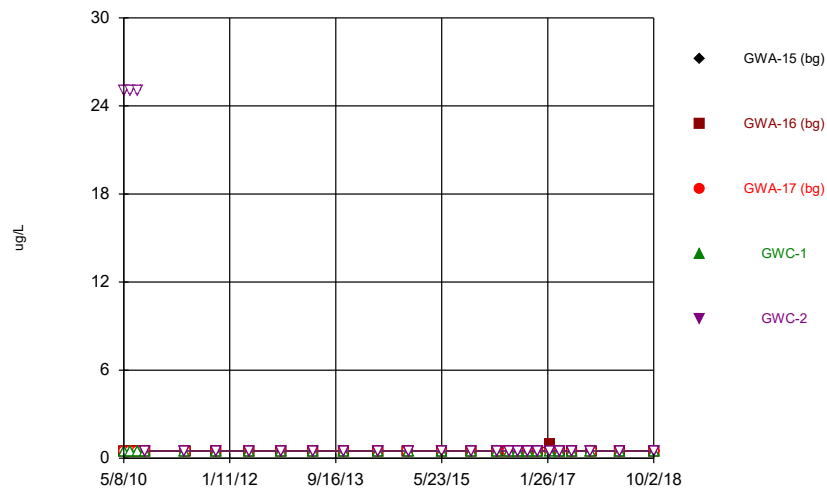
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

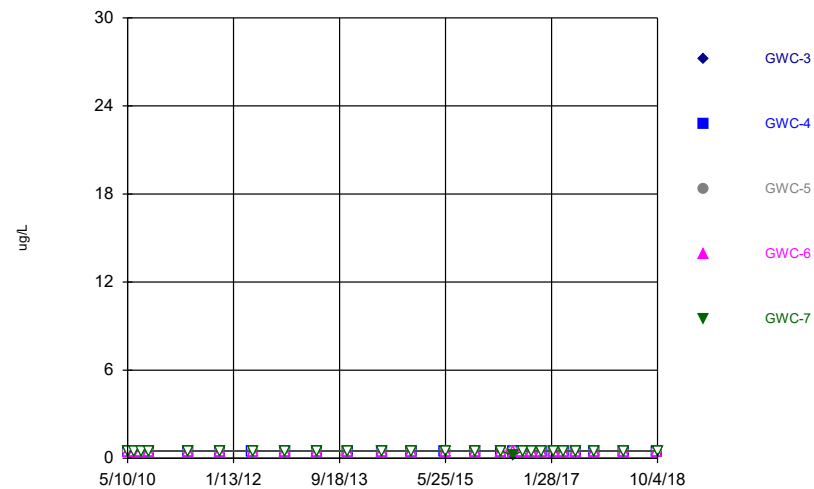
Constituent: Zinc Analysis Run 12/12/2018 2:00 PM View: LF Intra-Well PLs
Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



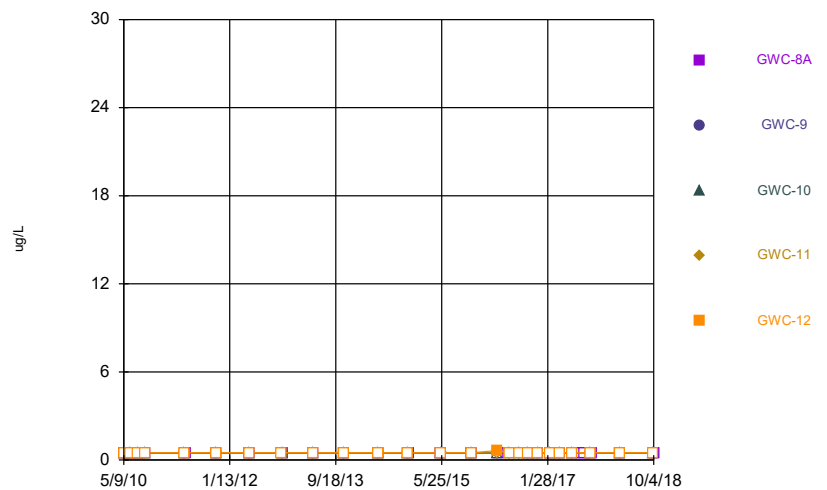
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Time Series



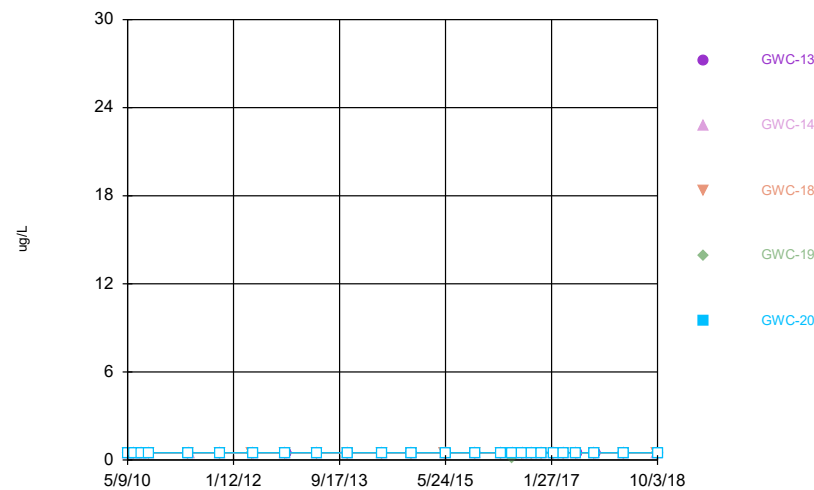
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Time Series



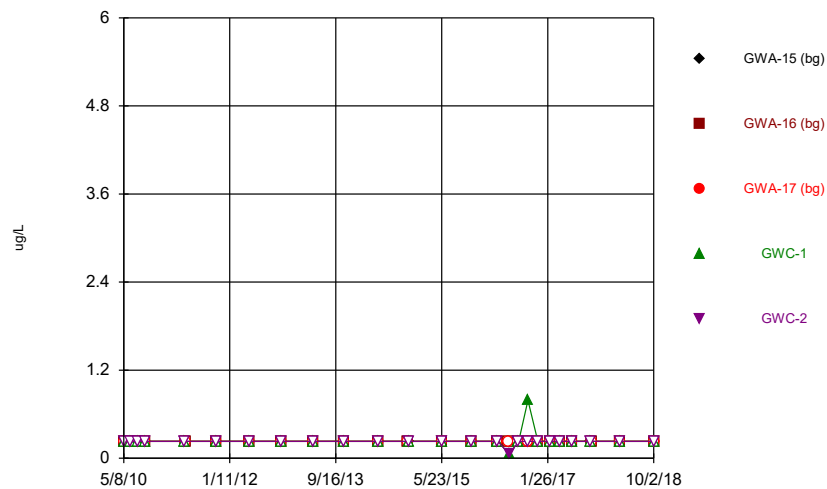
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Time Series



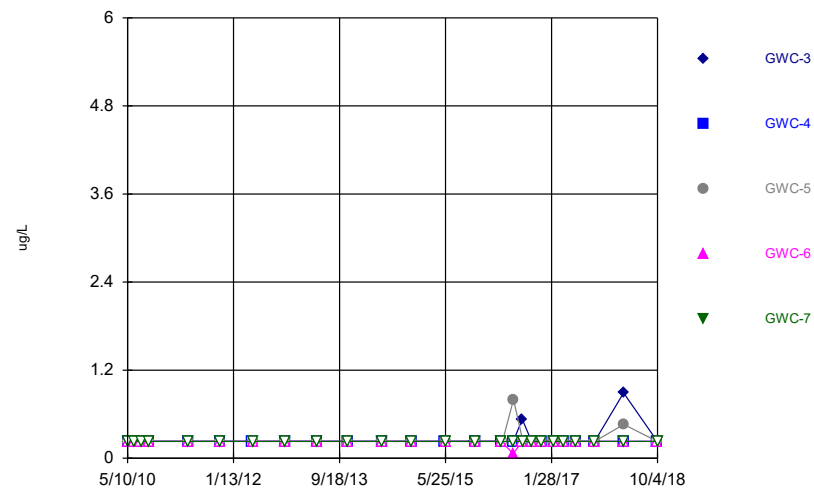
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Time Series



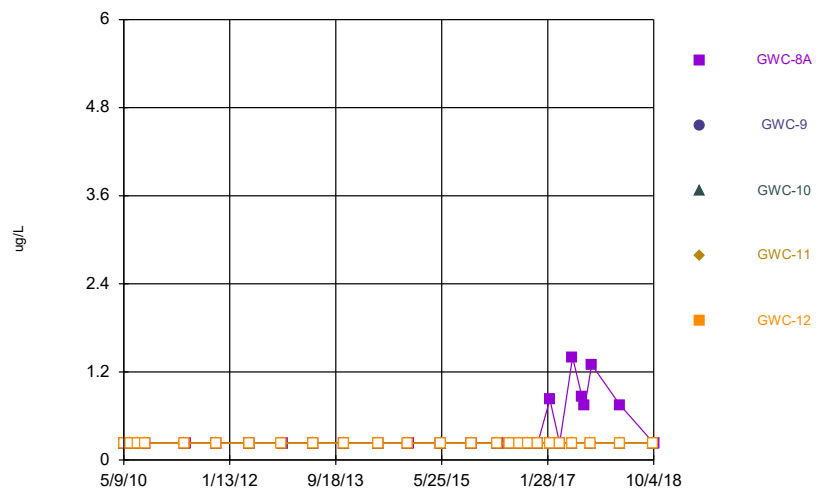
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Time Series



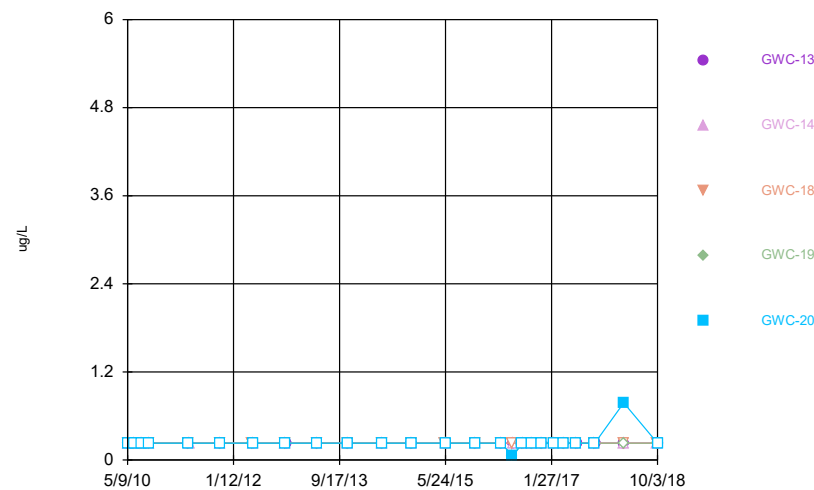
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Time Series



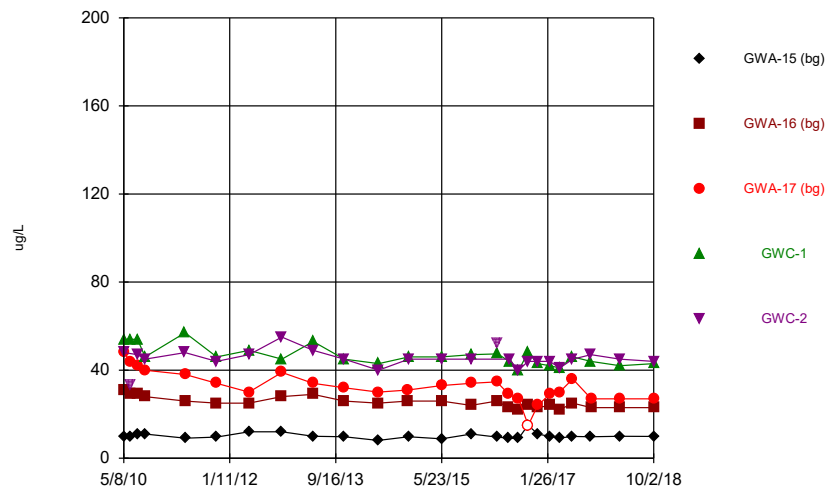
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Time Series



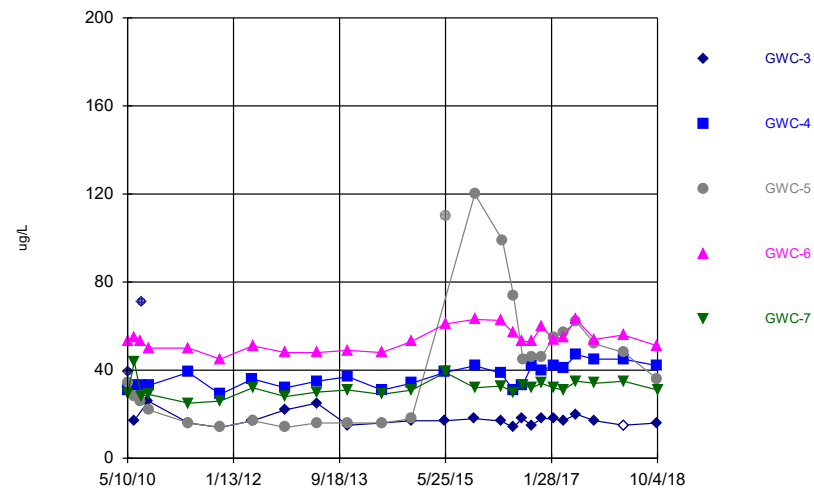
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Time Series



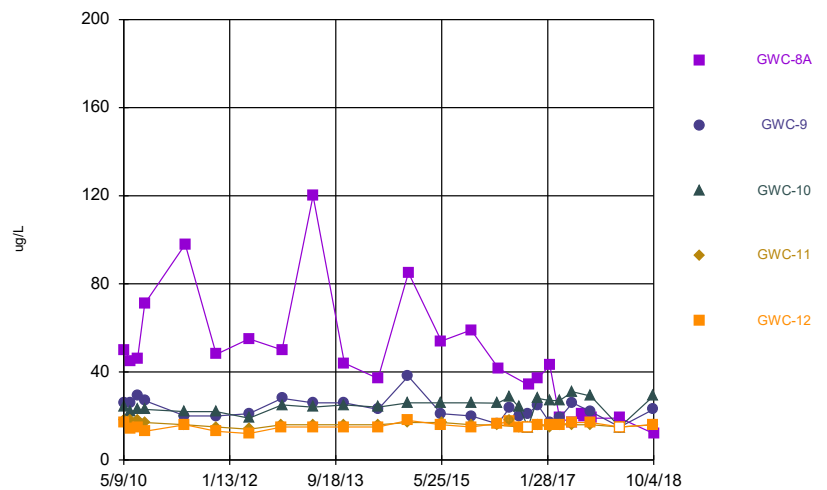
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Time Series



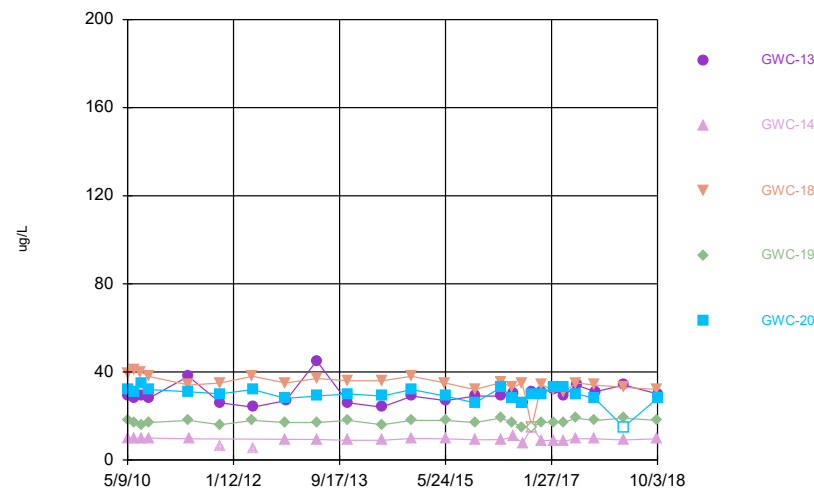
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Time Series



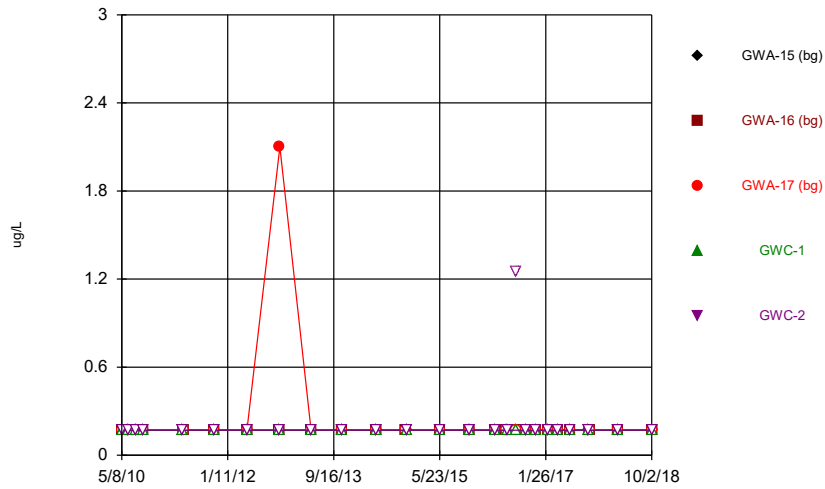
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Time Series



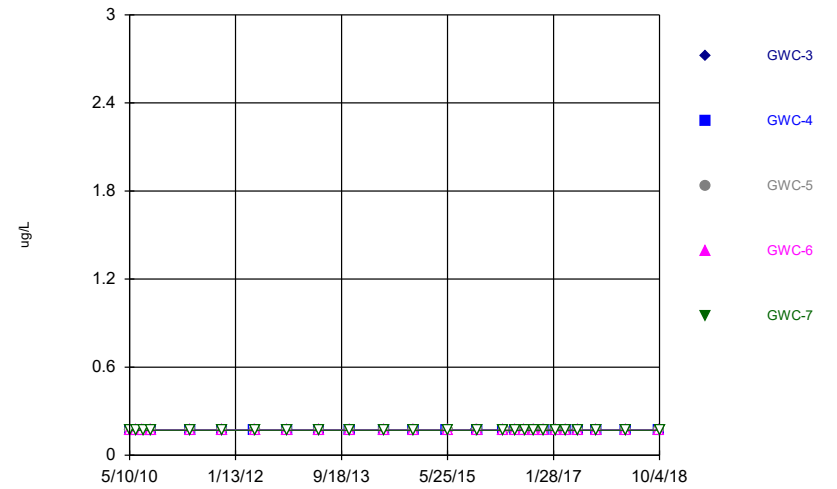
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Time Series



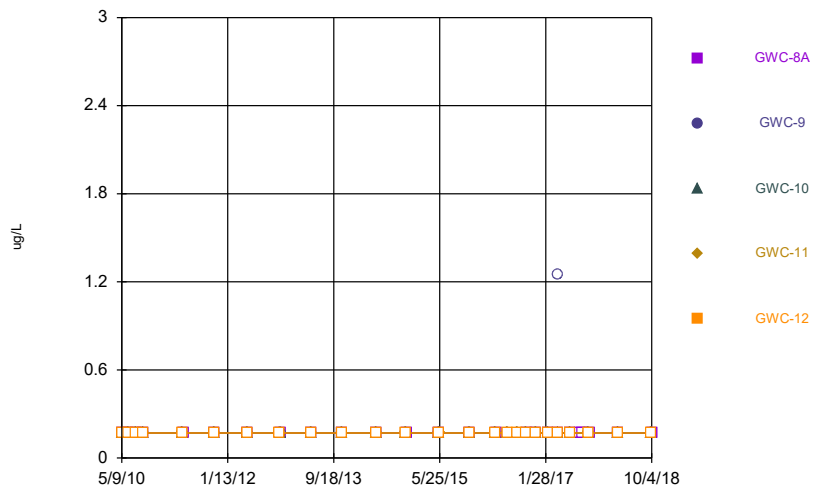
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Time Series



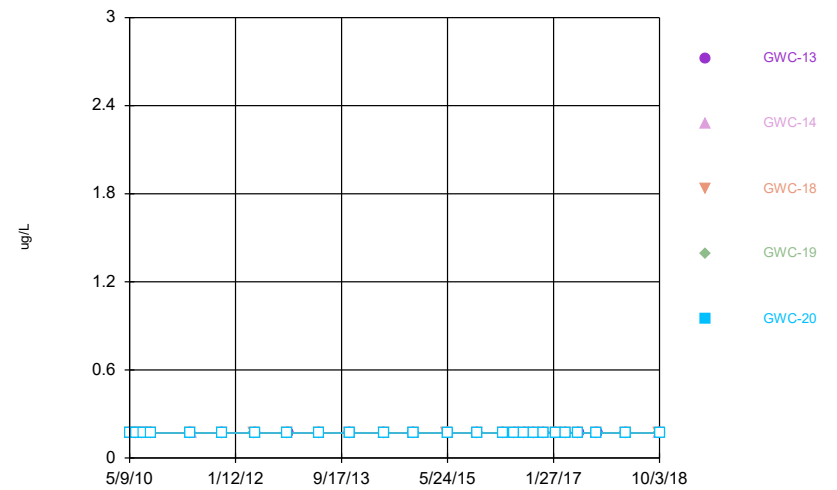
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Time Series



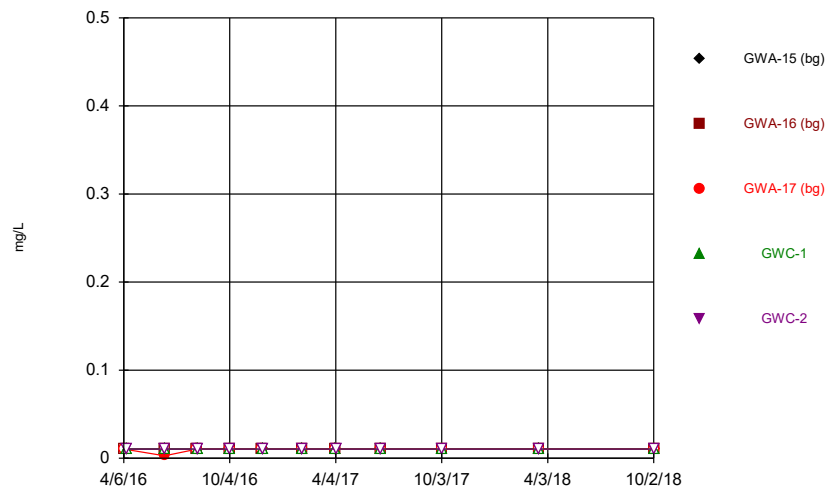
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Time Series



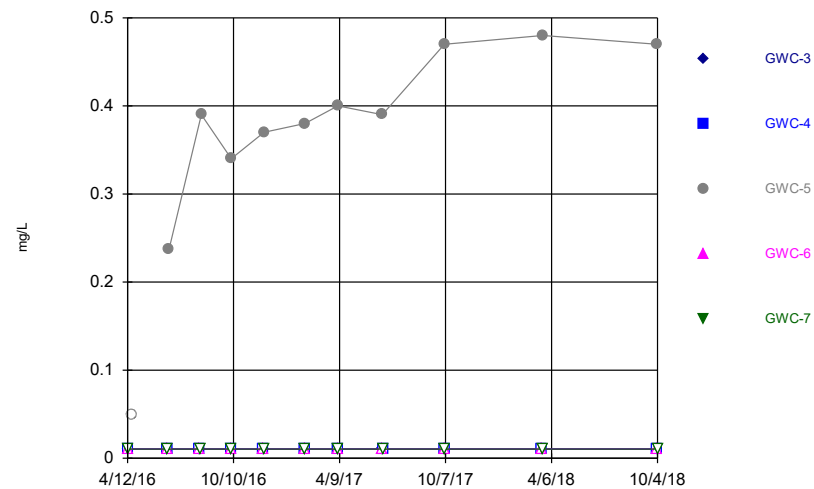
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Time Series



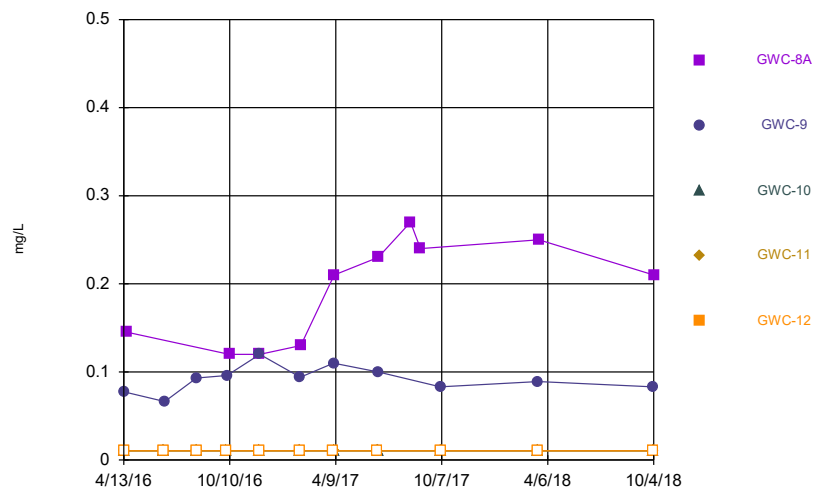
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Time Series



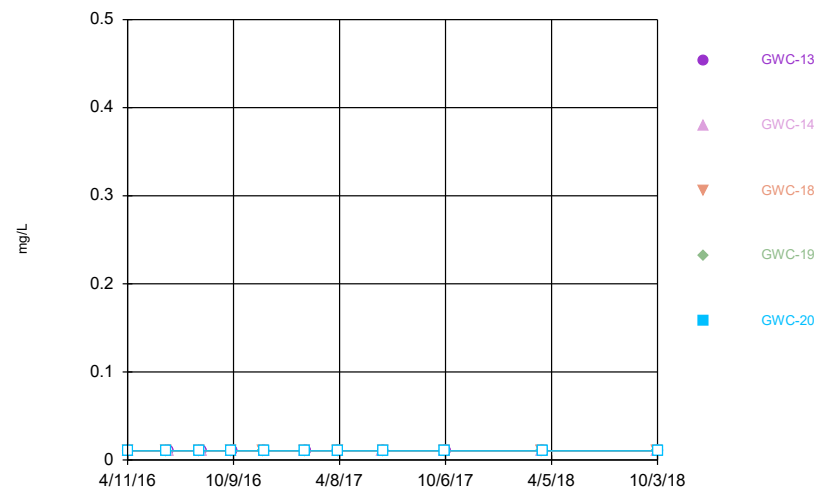
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Time Series



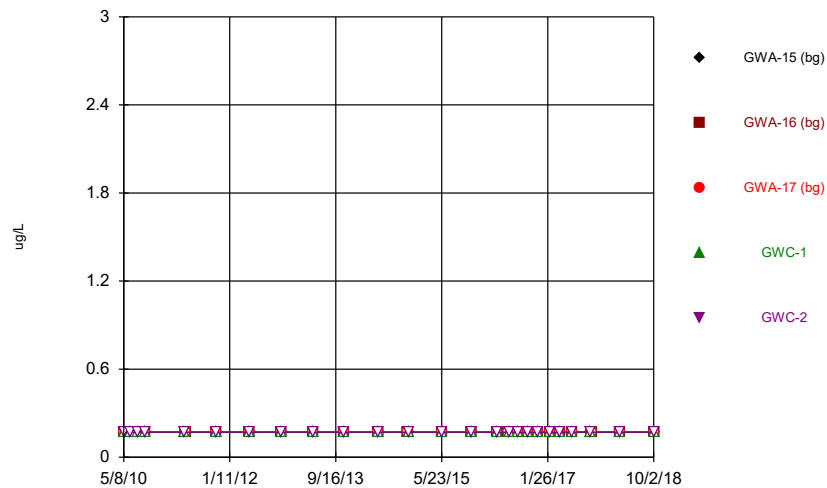
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Time Series



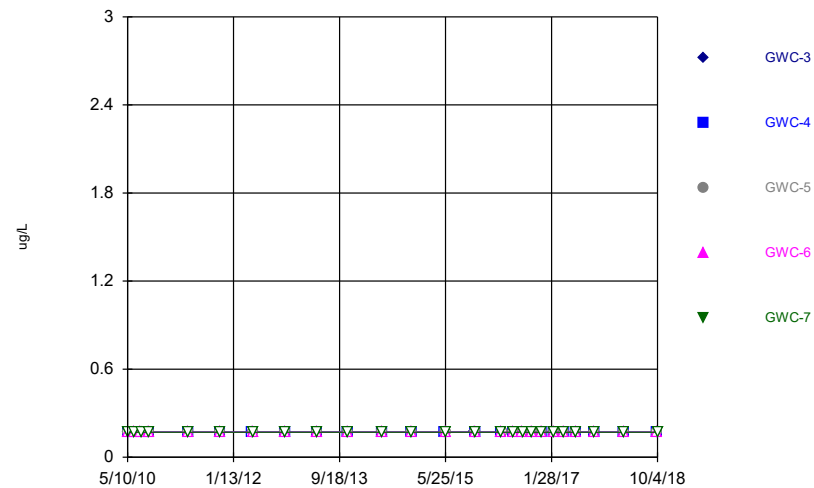
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Time Series



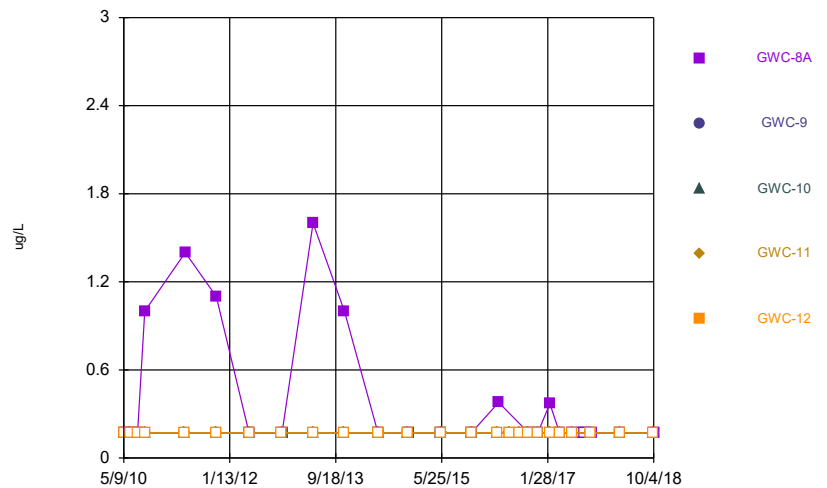
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Time Series



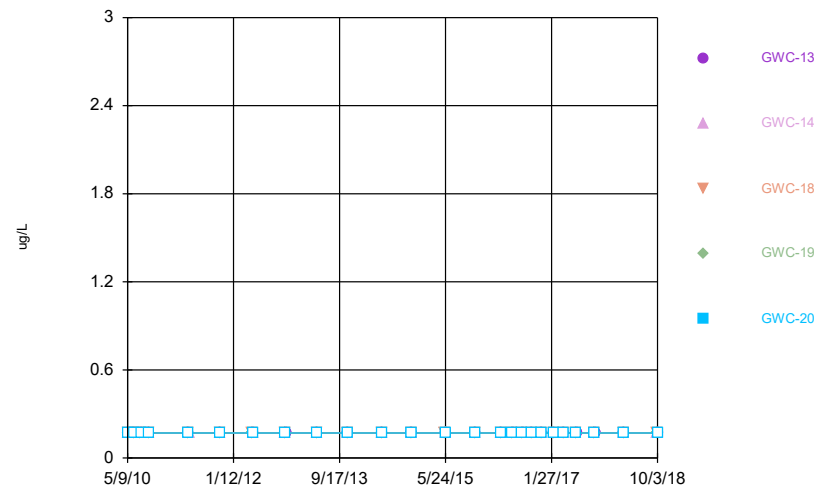
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Time Series



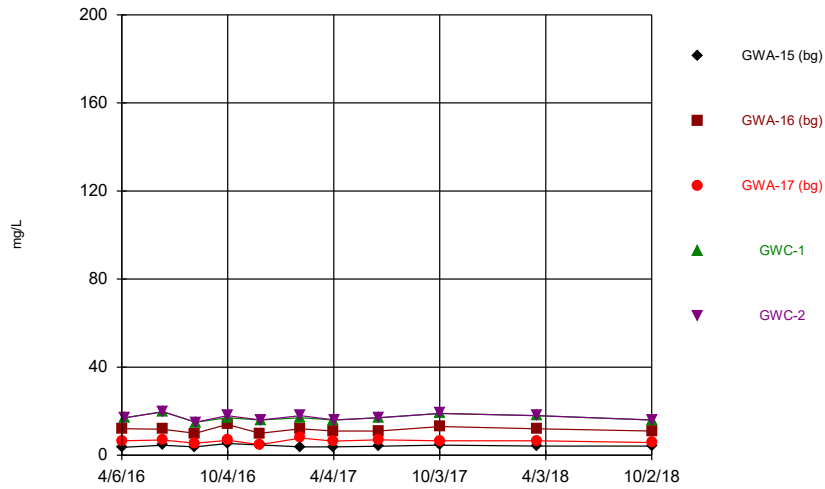
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Time Series



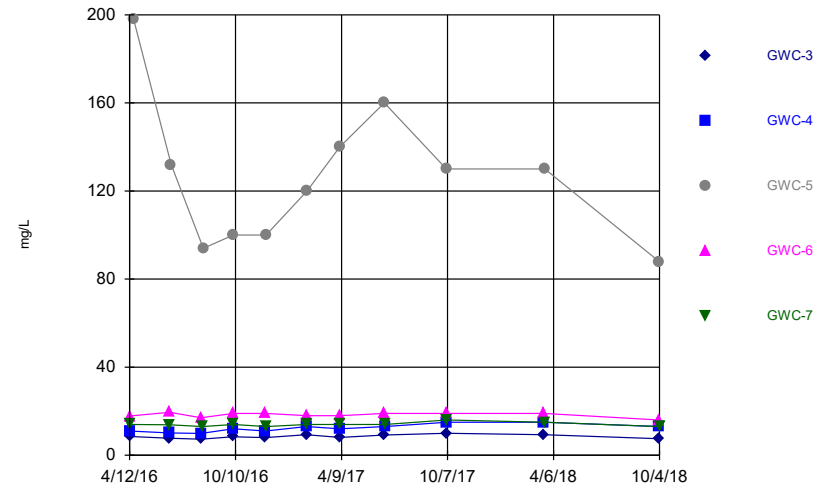
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Time Series



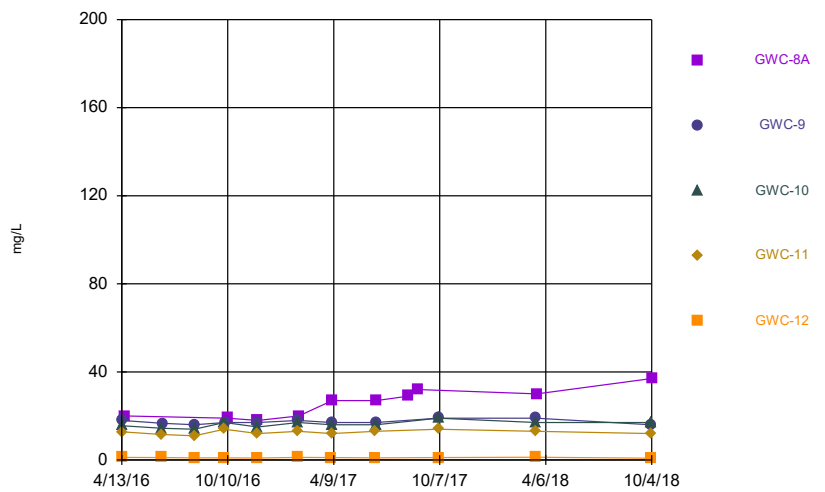
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Time Series



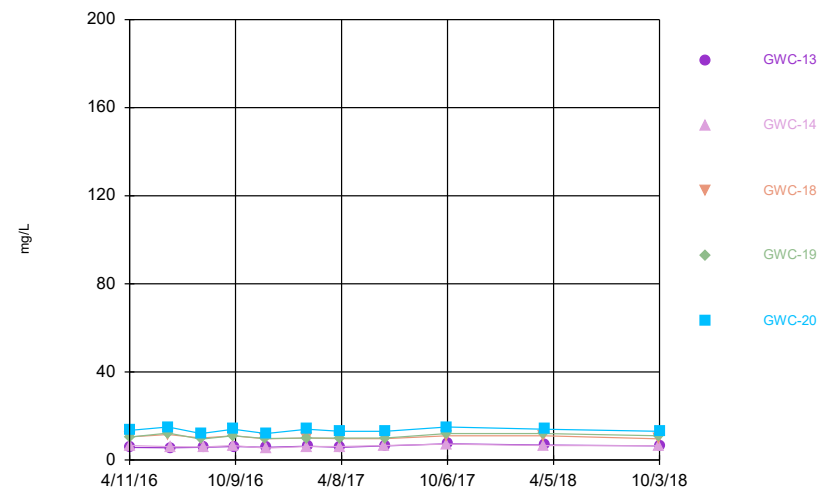
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Time Series



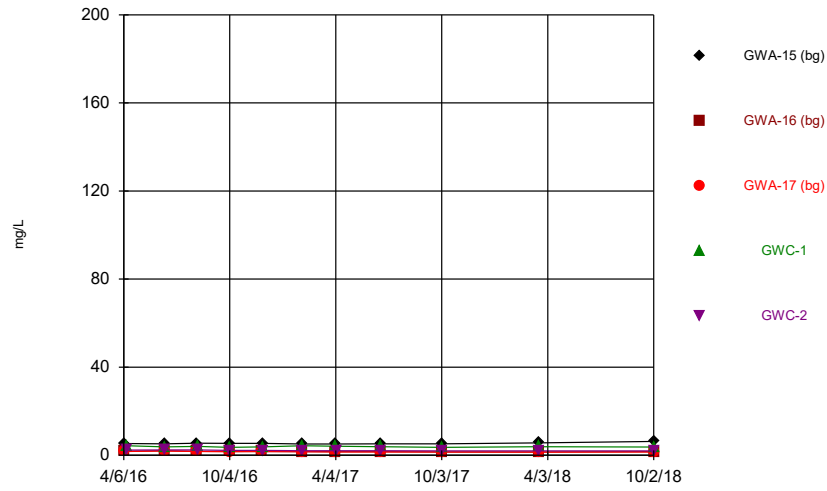
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Time Series



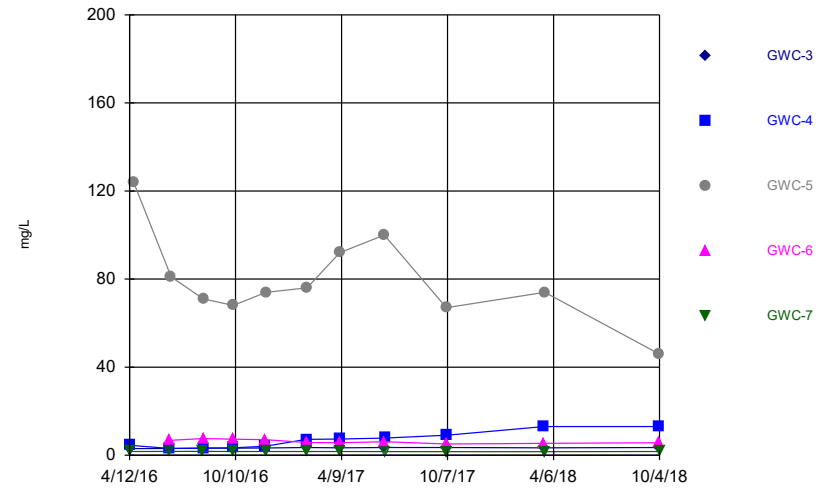
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Time Series



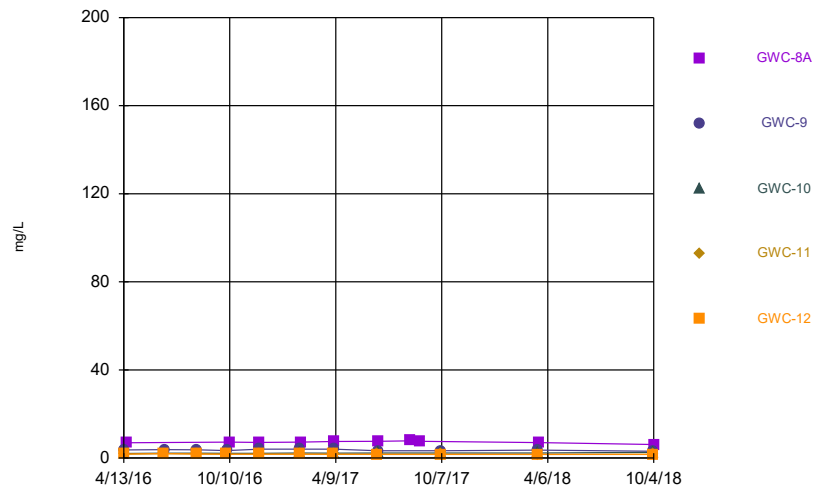
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Time Series



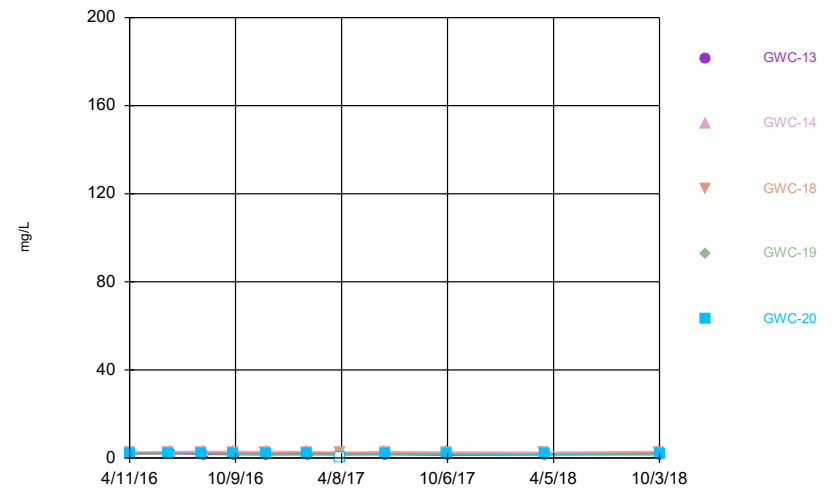
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Time Series



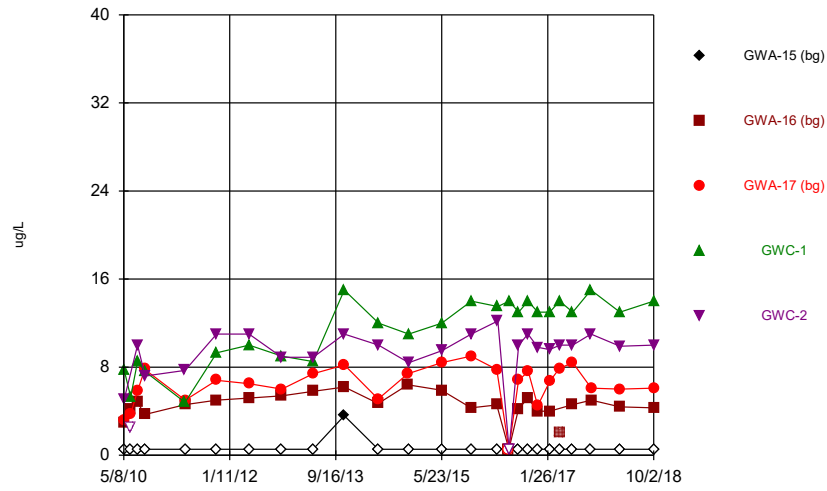
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Time Series



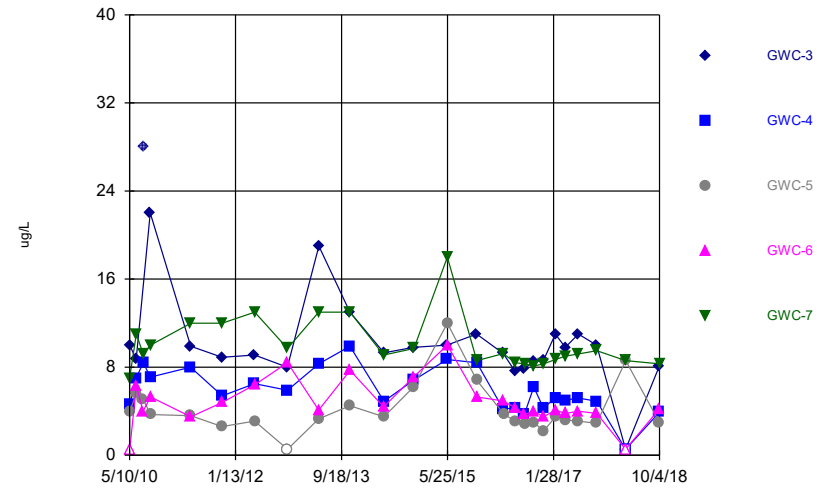
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Time Series



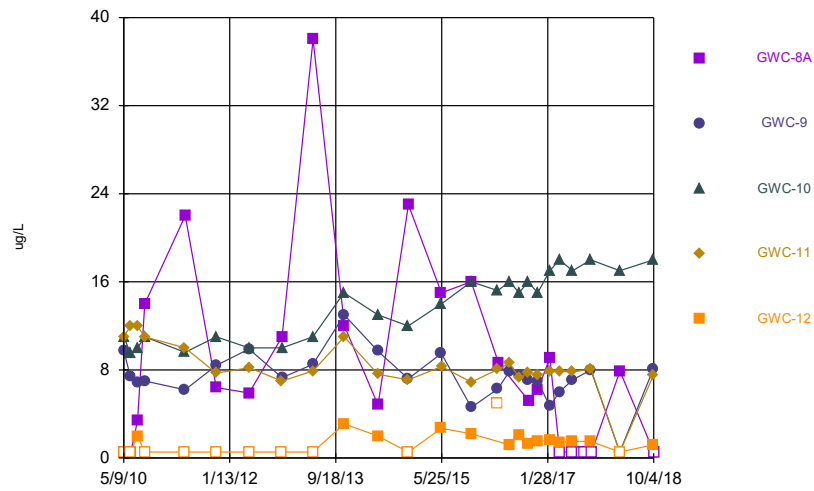
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Time Series



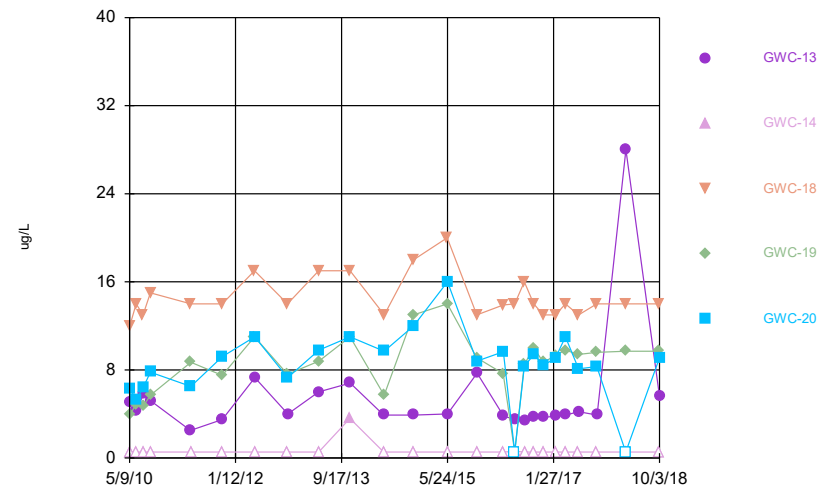
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Time Series



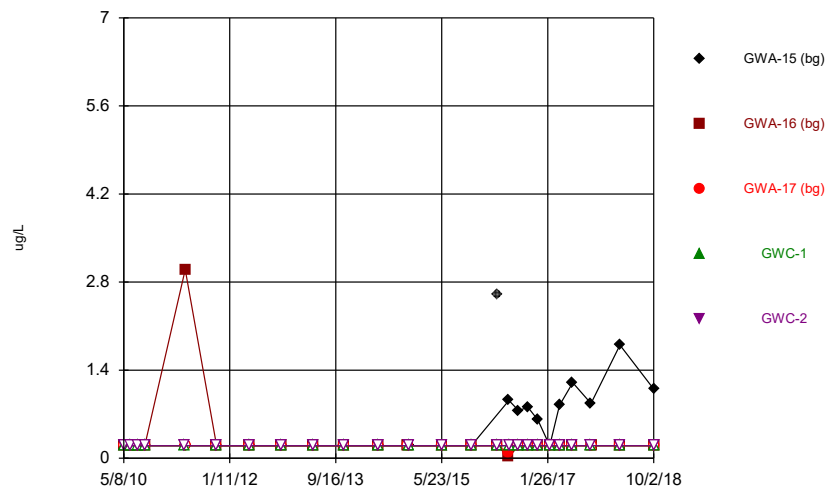
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Time Series



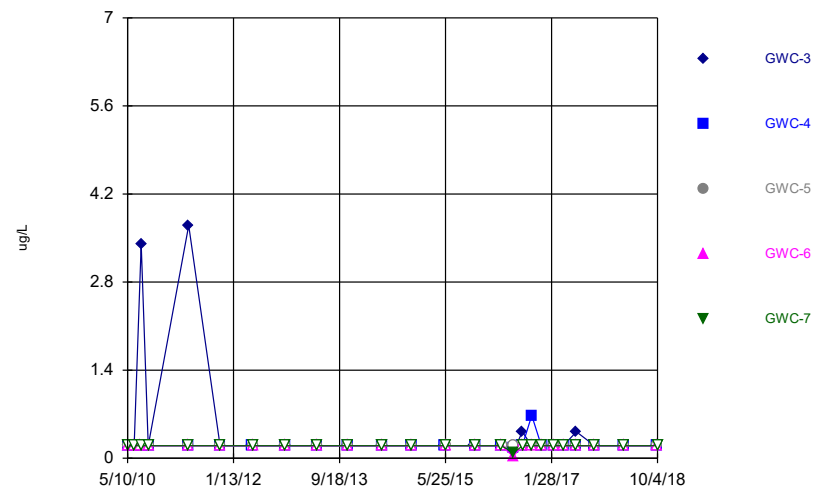
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Time Series



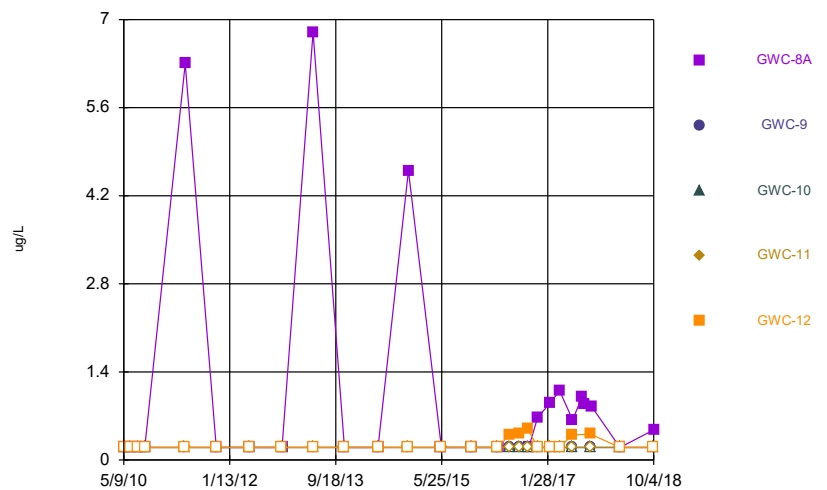
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Time Series



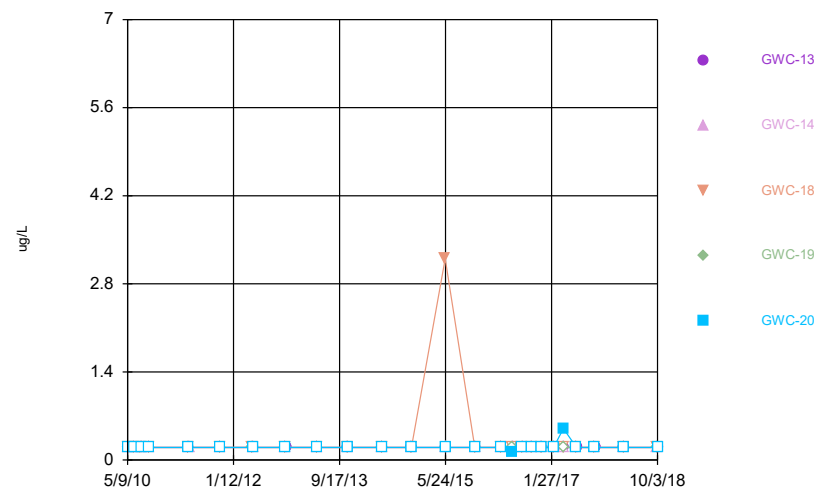
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Time Series



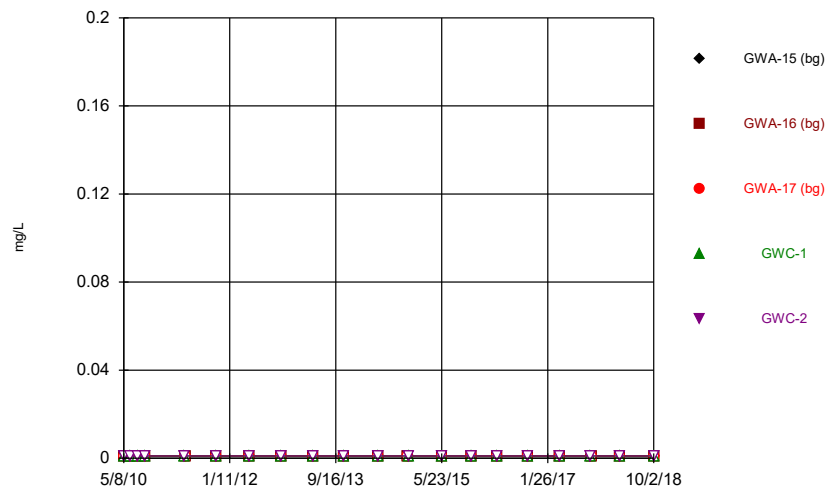
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Time Series



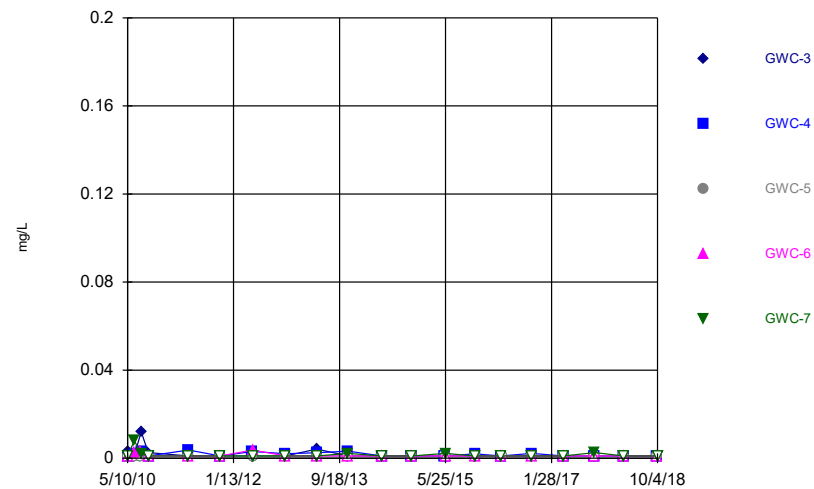
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Time Series



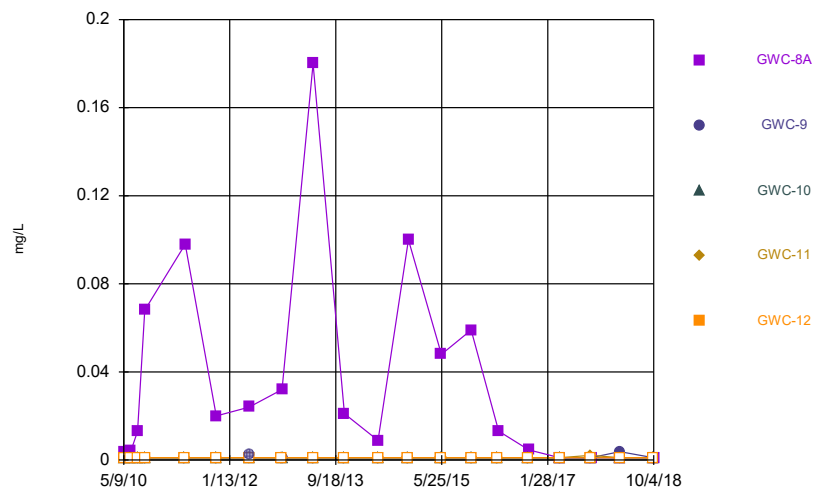
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Time Series



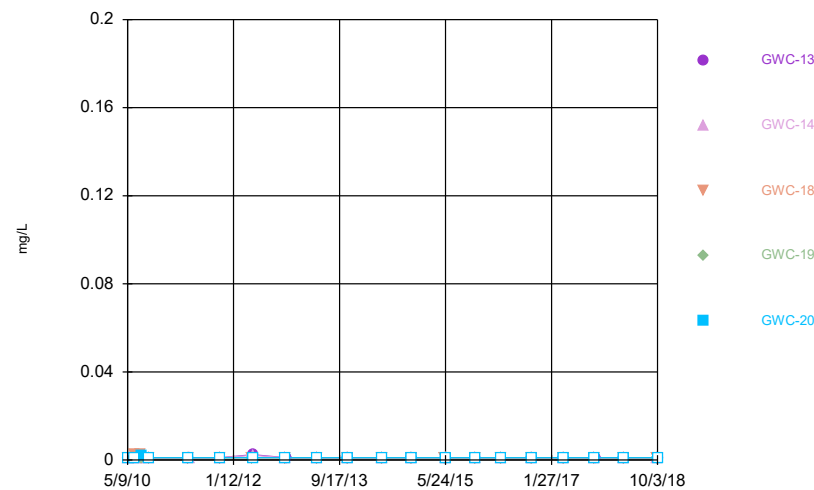
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Time Series



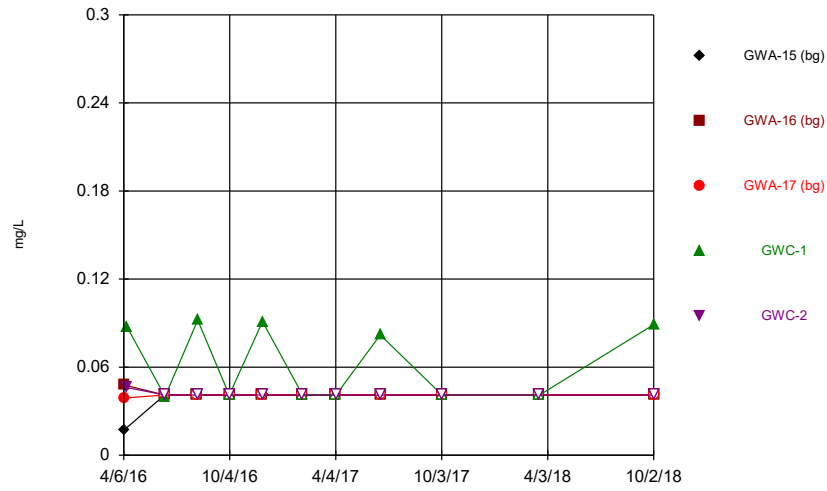
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Time Series



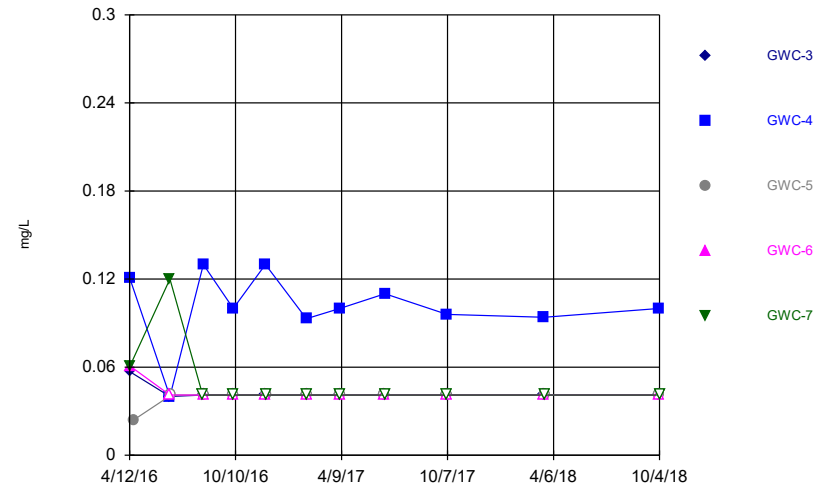
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Time Series



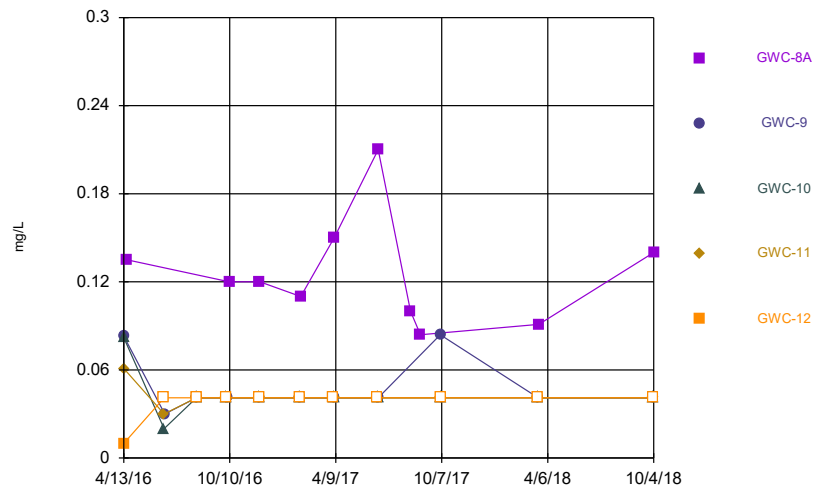
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Time Series



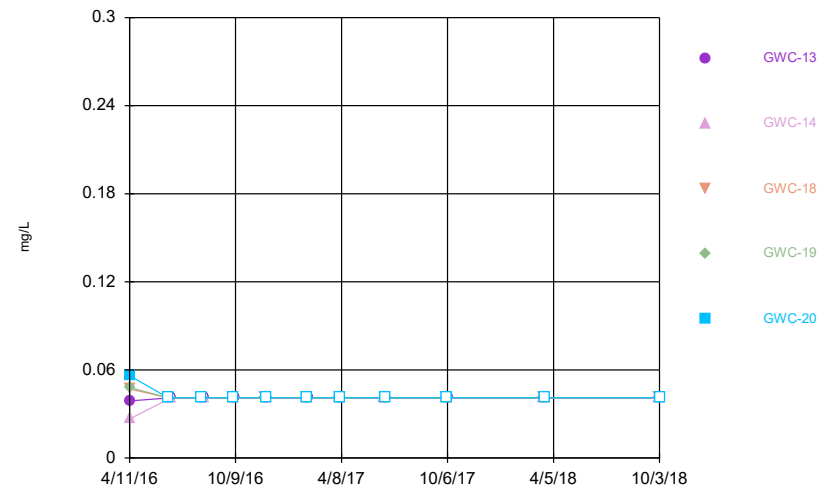
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Time Series



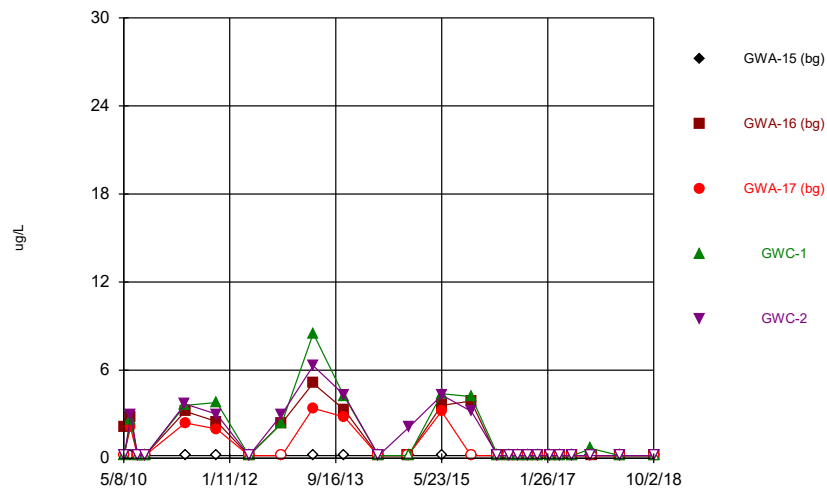
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Time Series



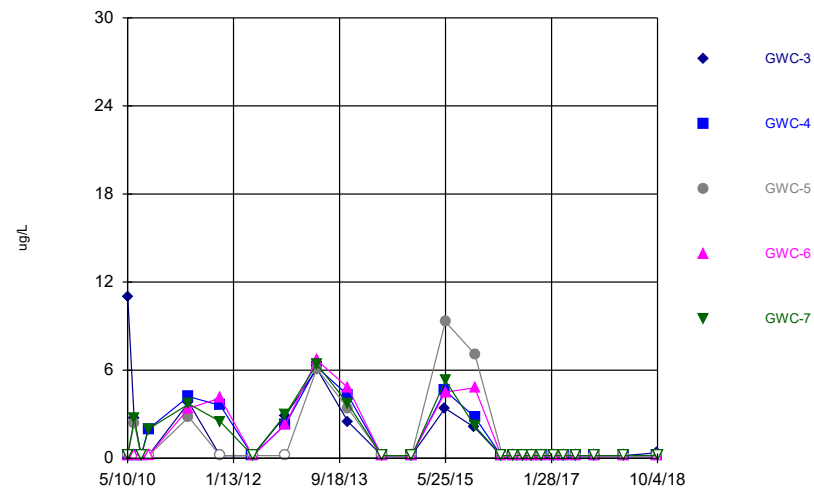
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Time Series



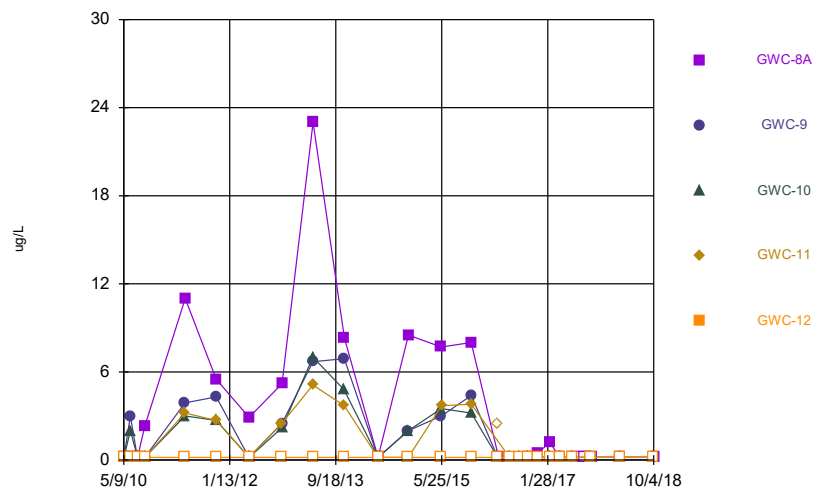
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Time Series



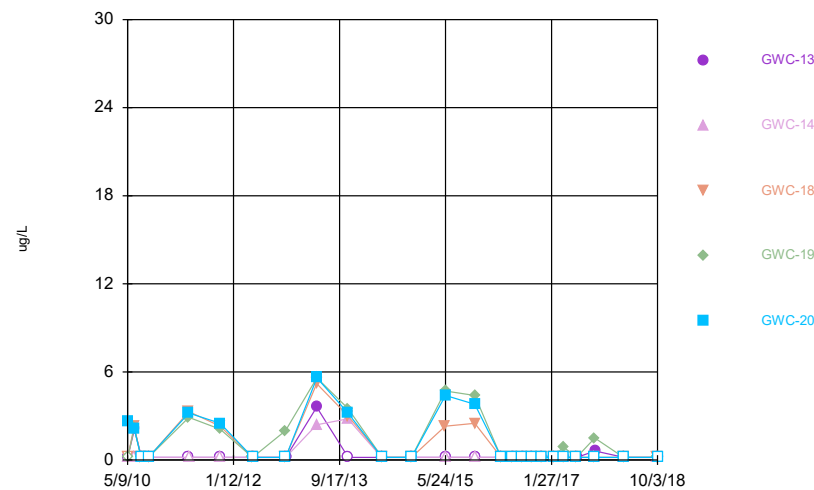
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Time Series



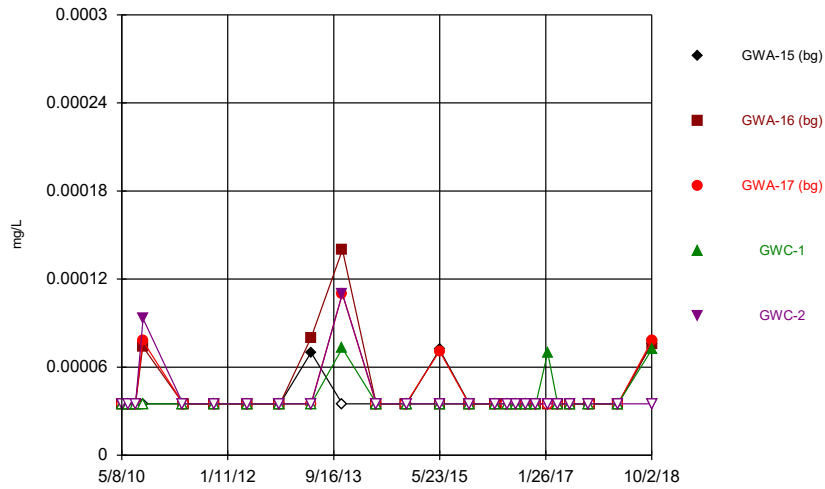
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Time Series



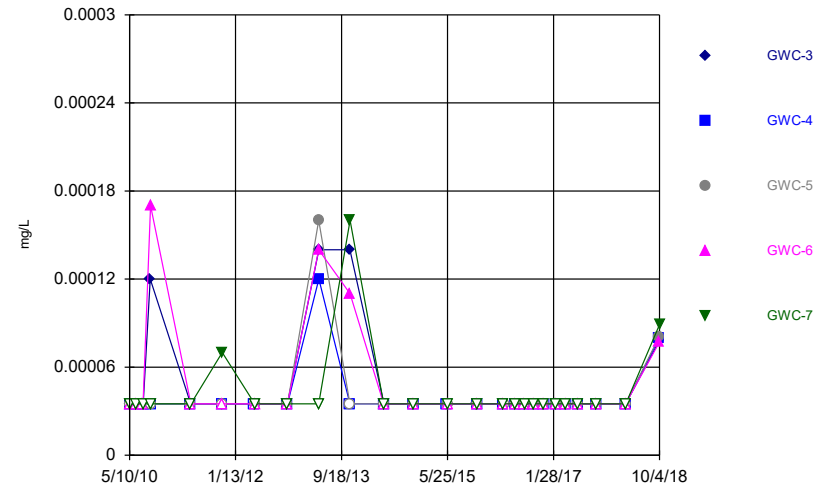
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Time Series



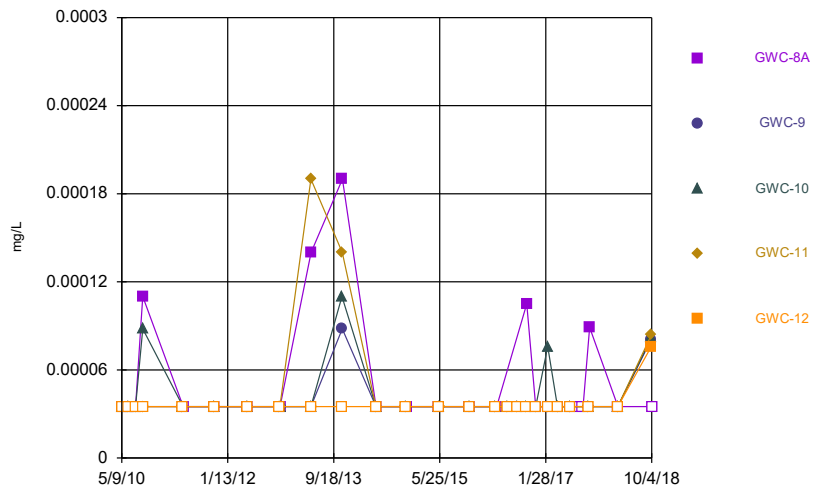
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Time Series



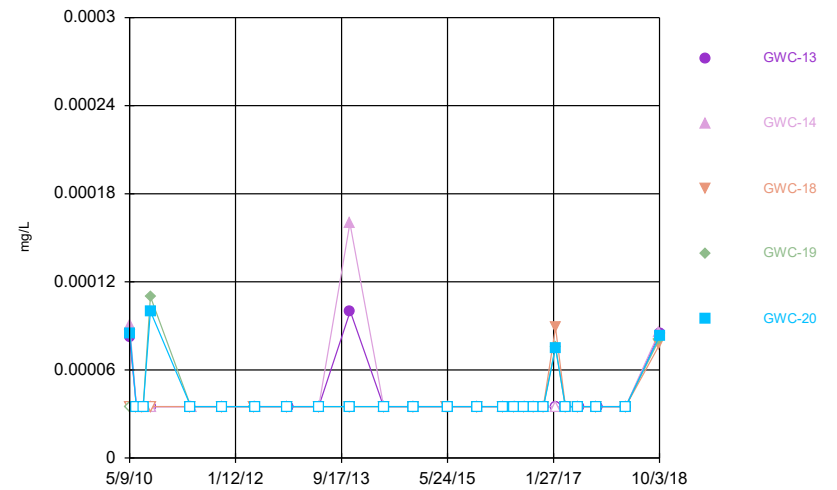
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Time Series



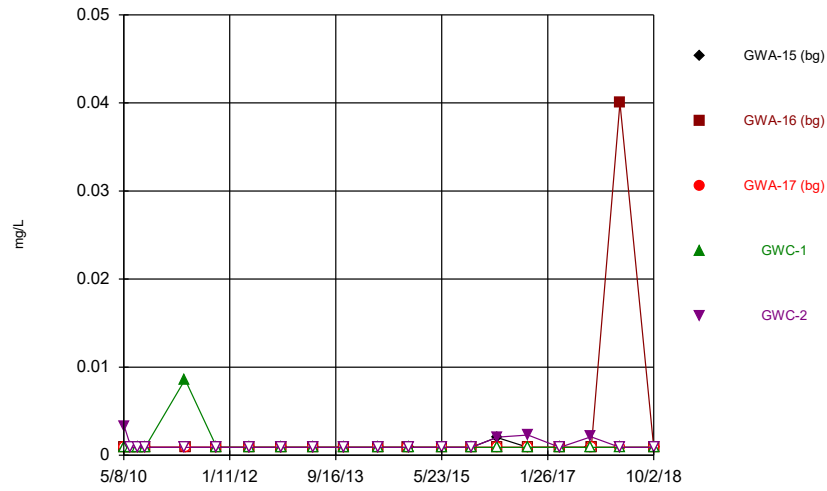
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Time Series



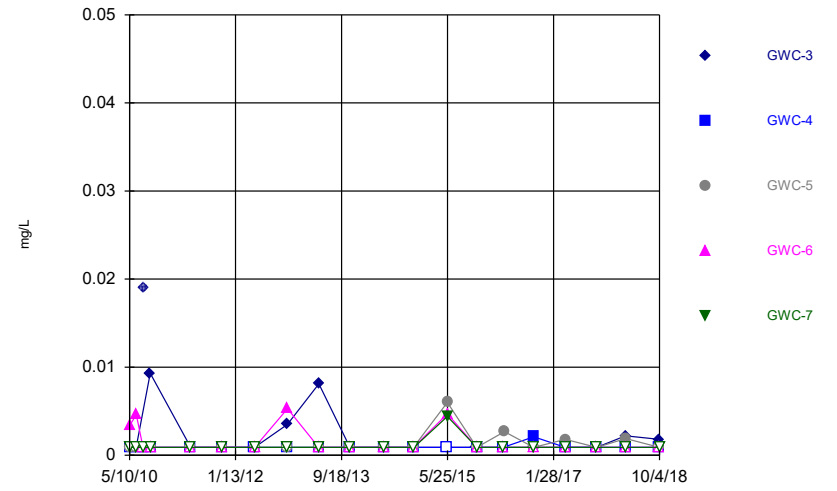
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Time Series



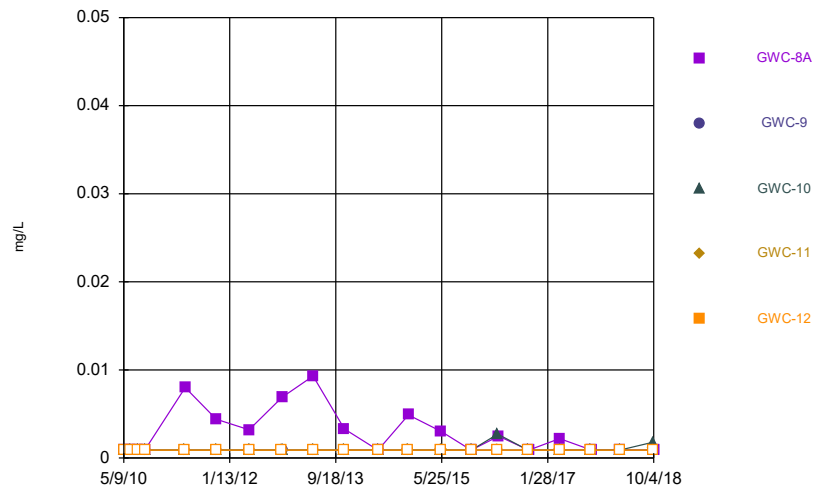
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Time Series



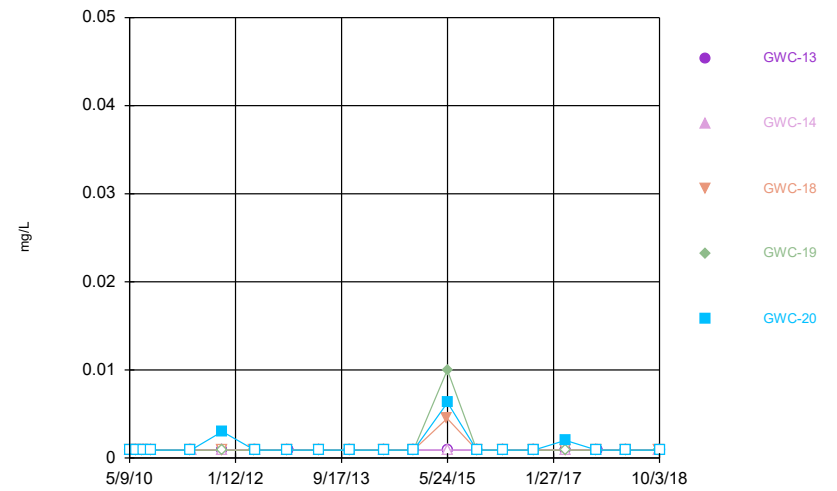
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Time Series



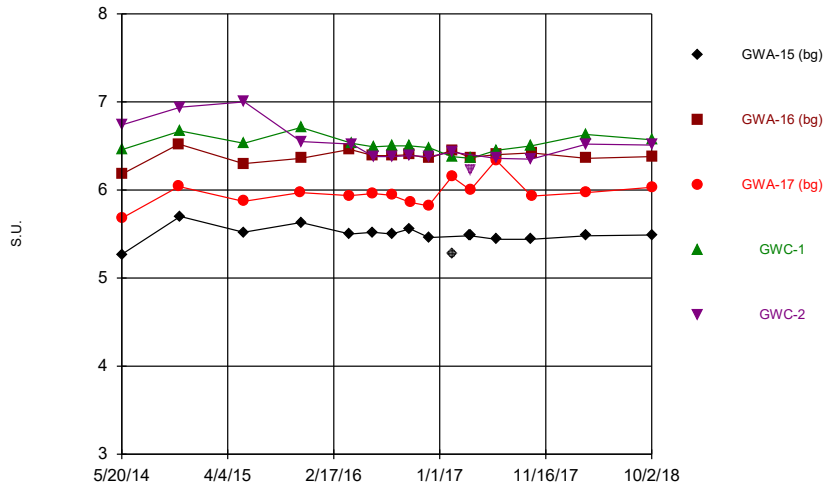
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Time Series



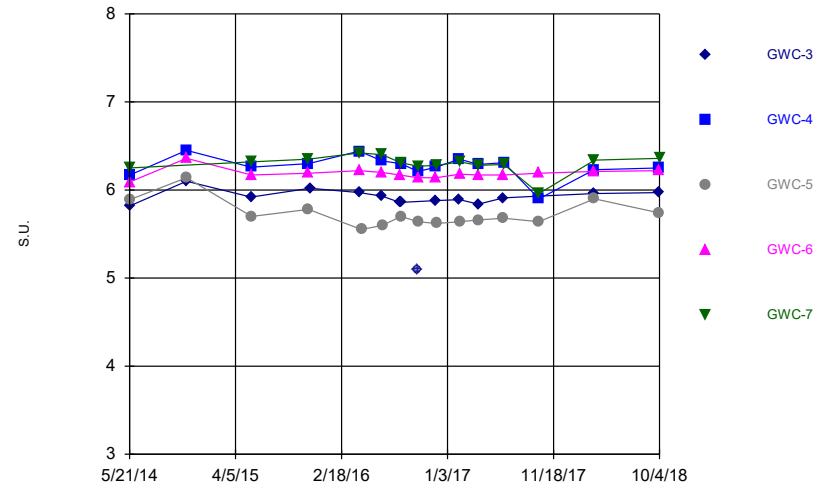
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



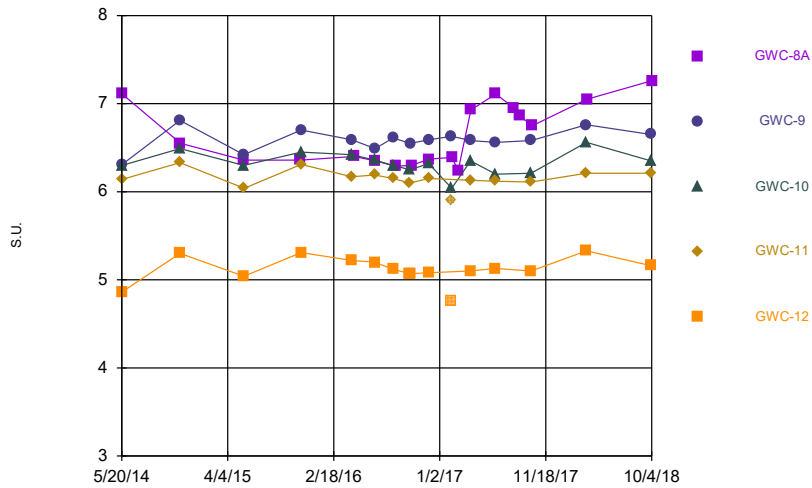
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



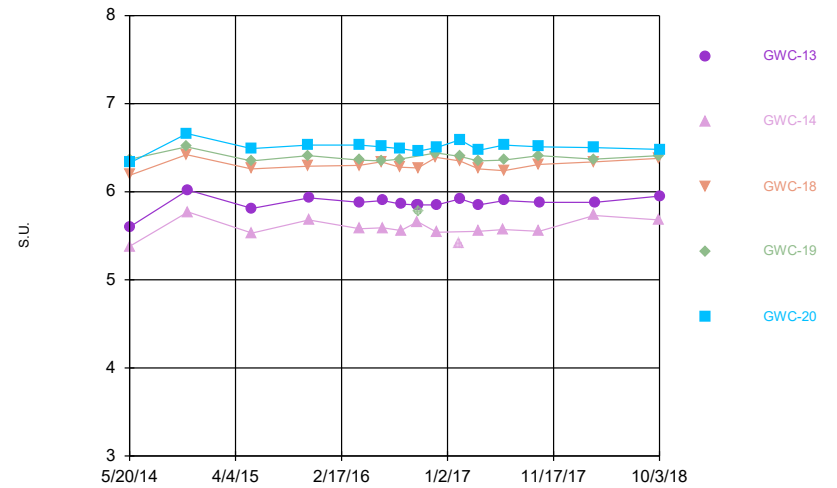
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Time Series



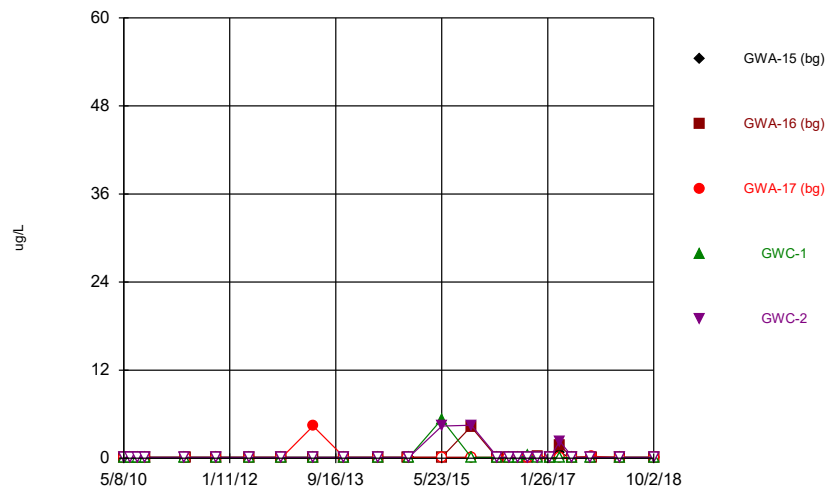
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Time Series



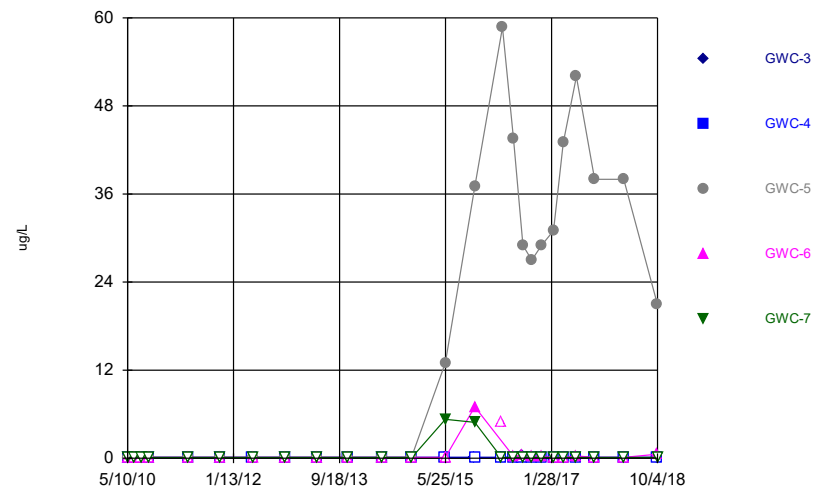
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



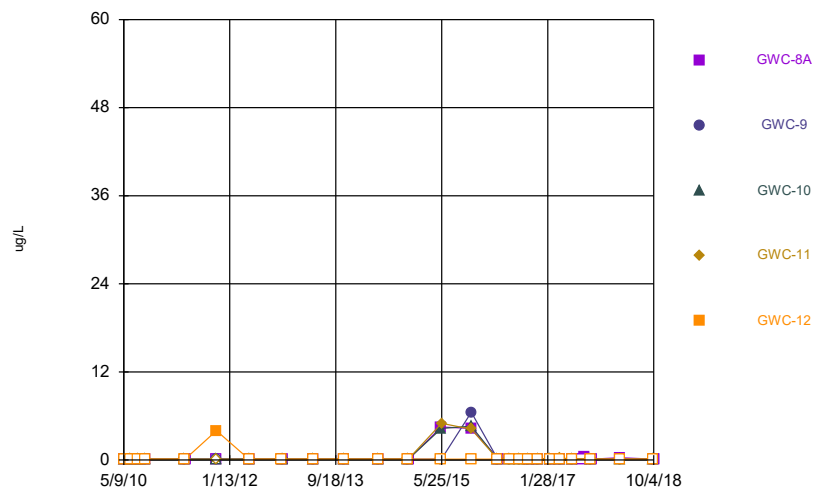
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Time Series



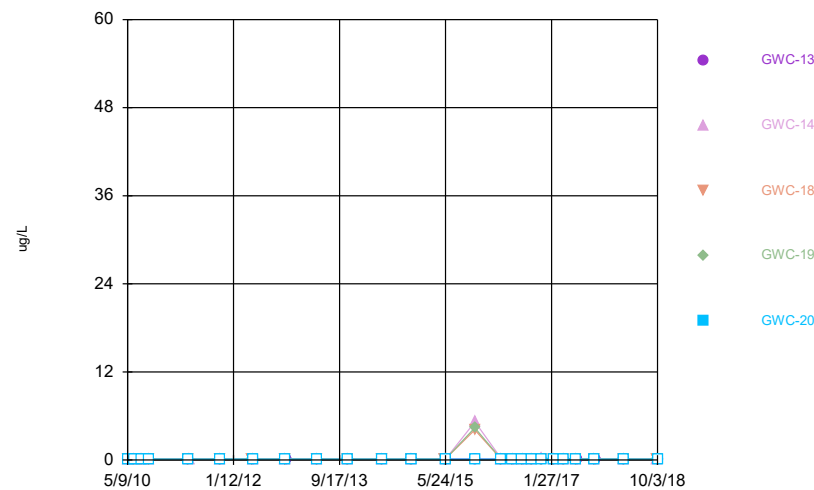
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Time Series



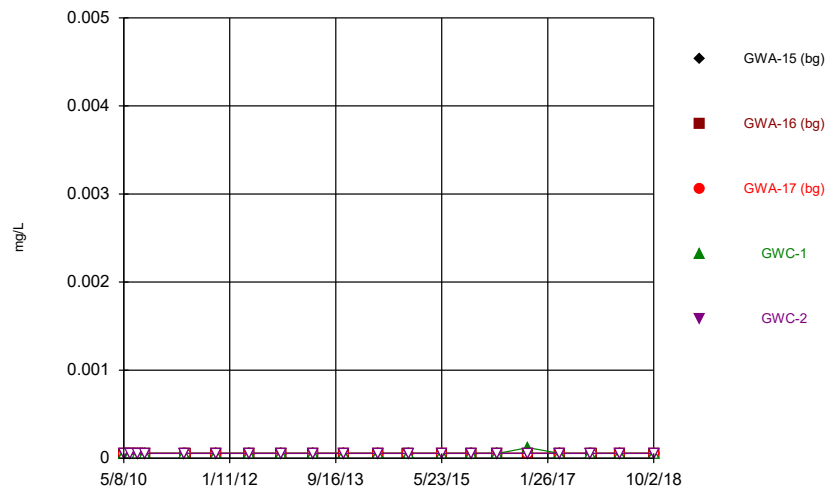
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Time Series



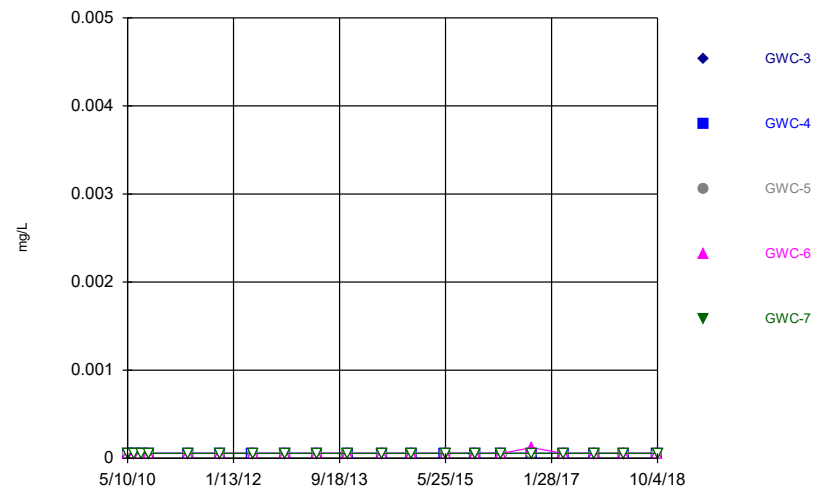
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Time Series



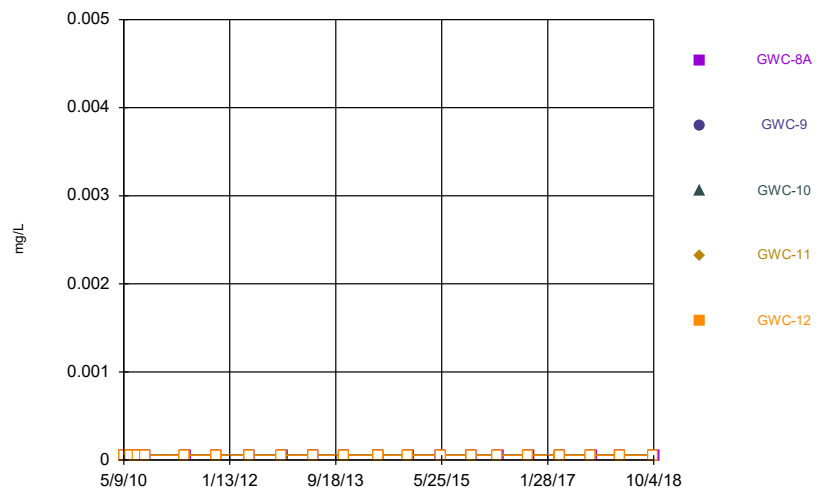
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Time Series



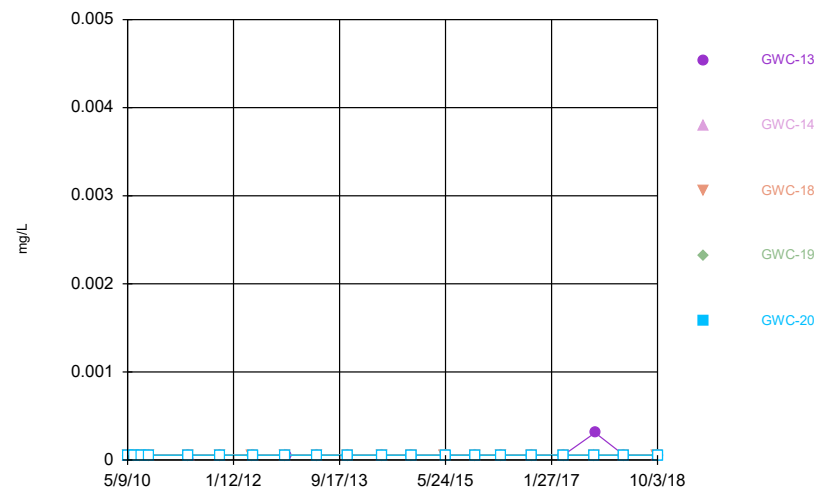
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Time Series



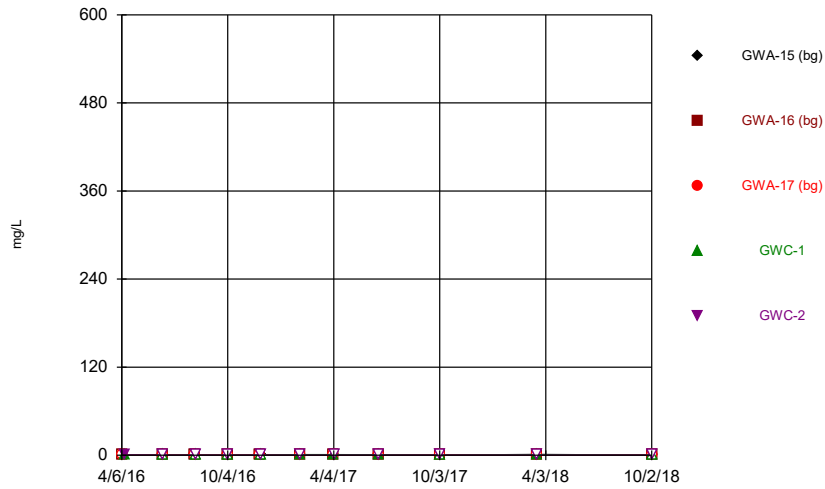
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



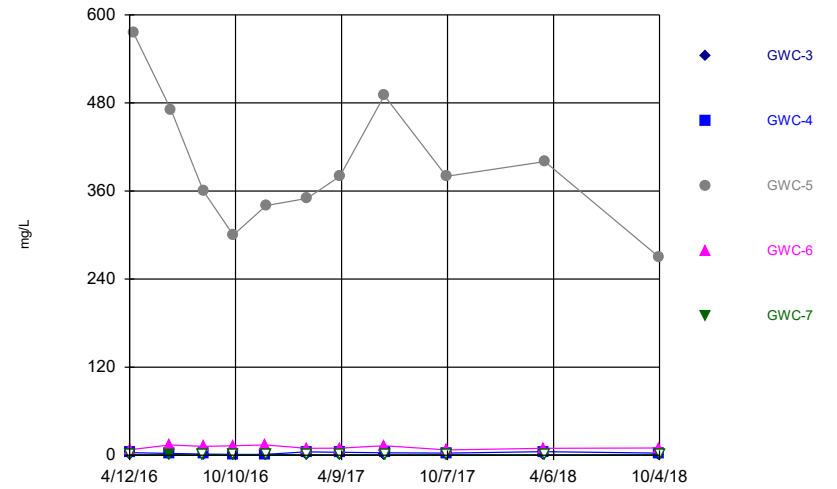
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



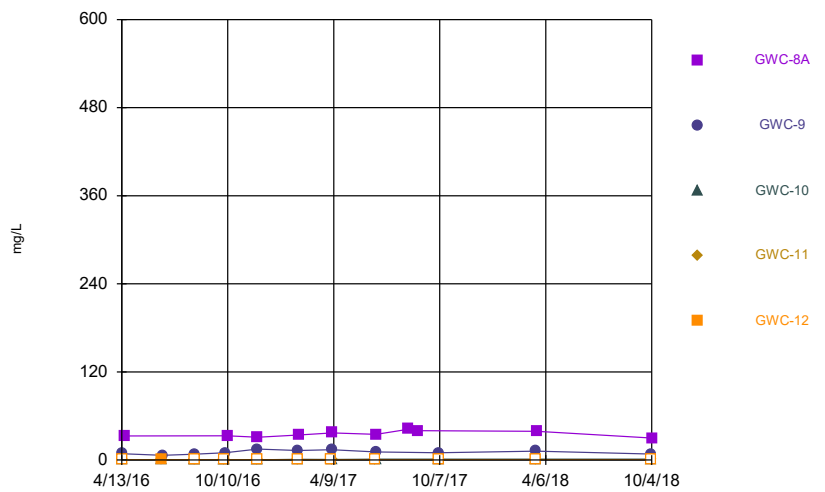
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 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



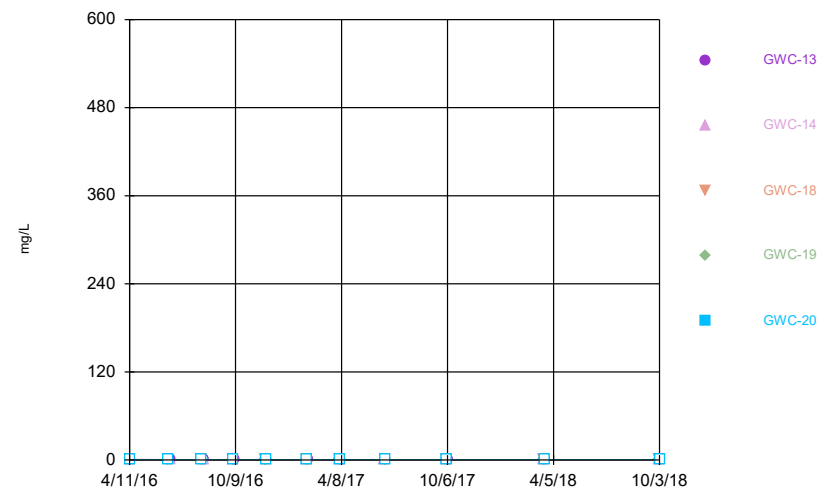
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Time Series



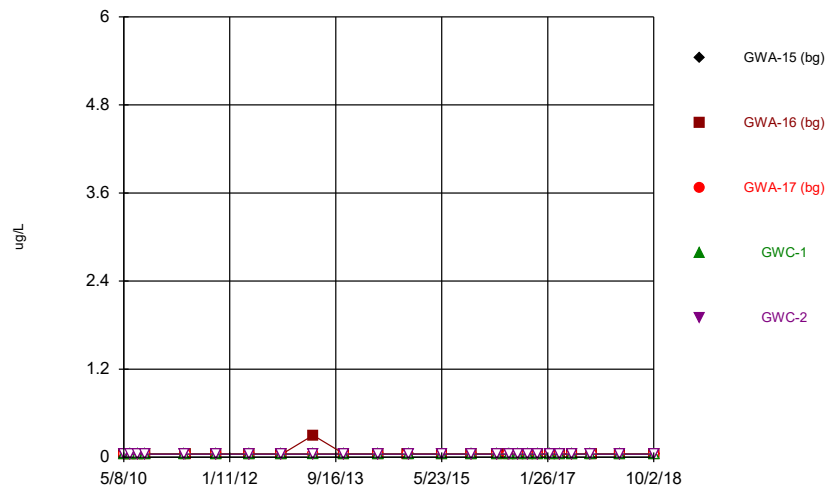
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 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



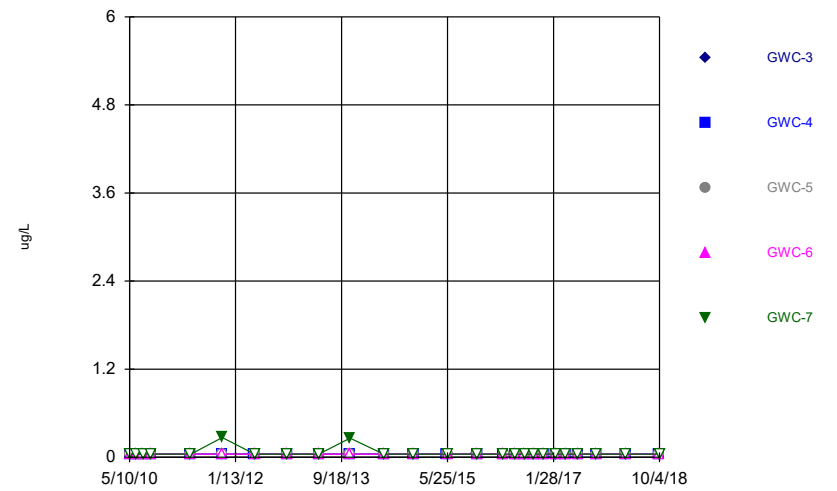
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Time Series



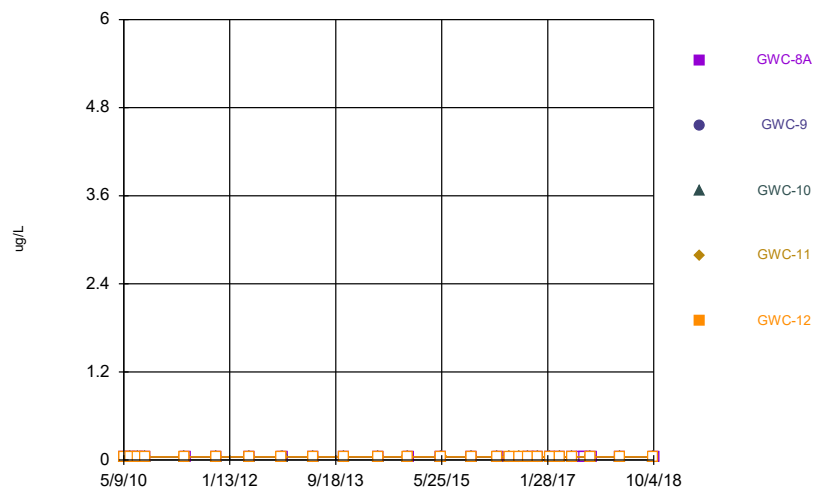
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Time Series



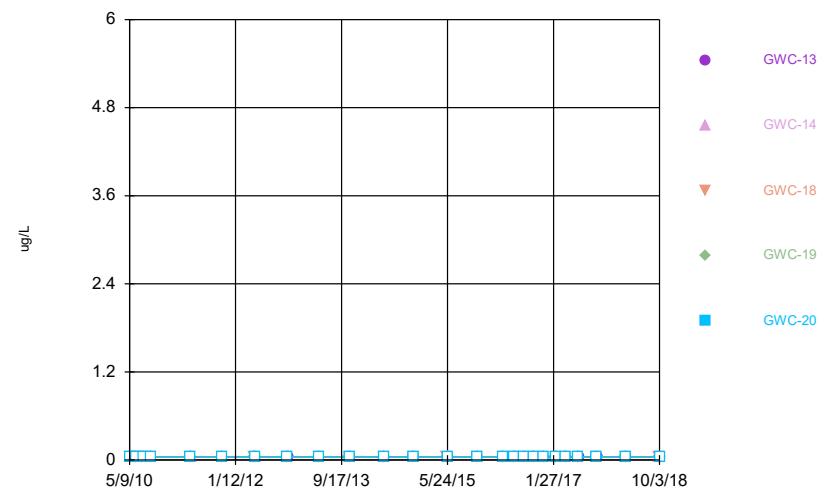
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Time Series



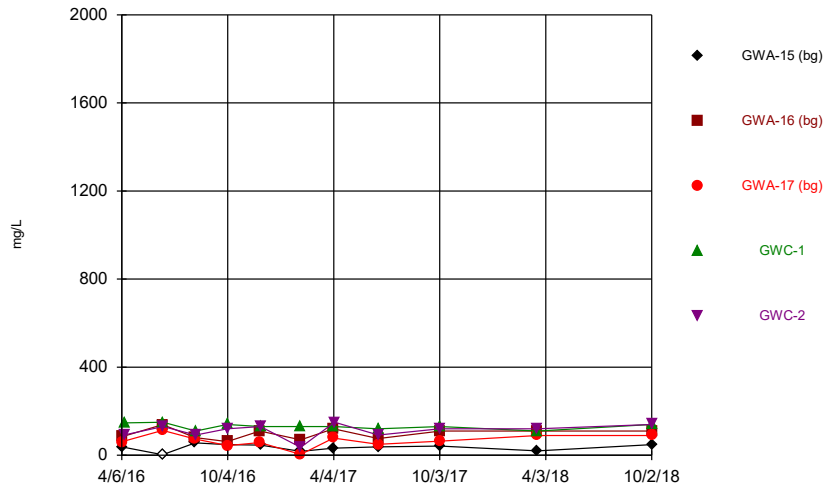
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



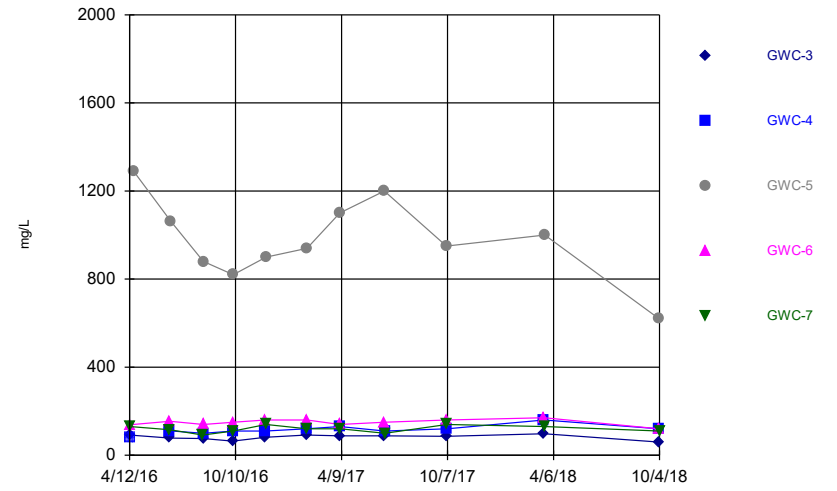
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Time Series



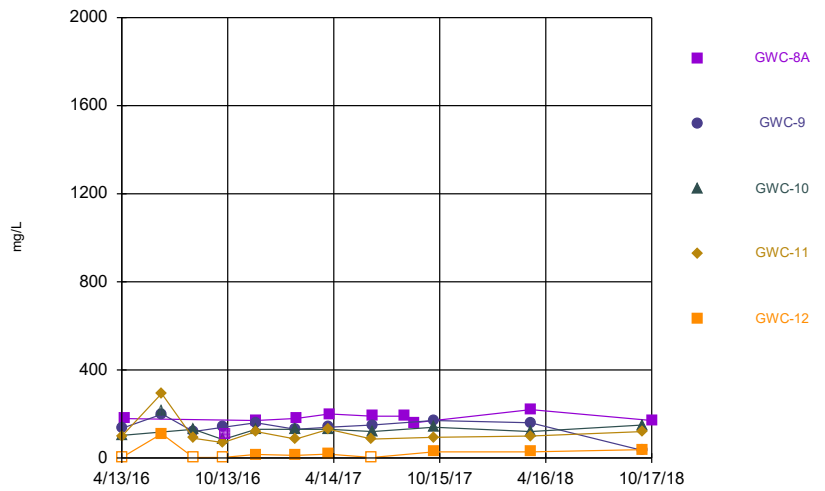
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Time Series



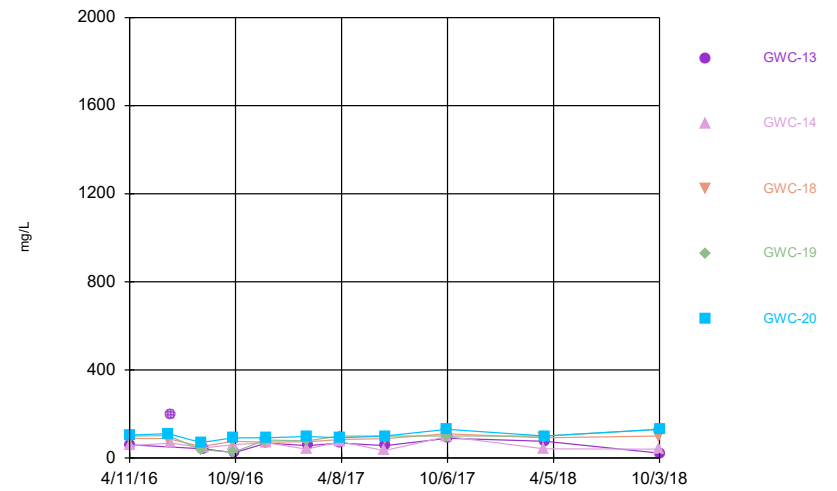
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 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



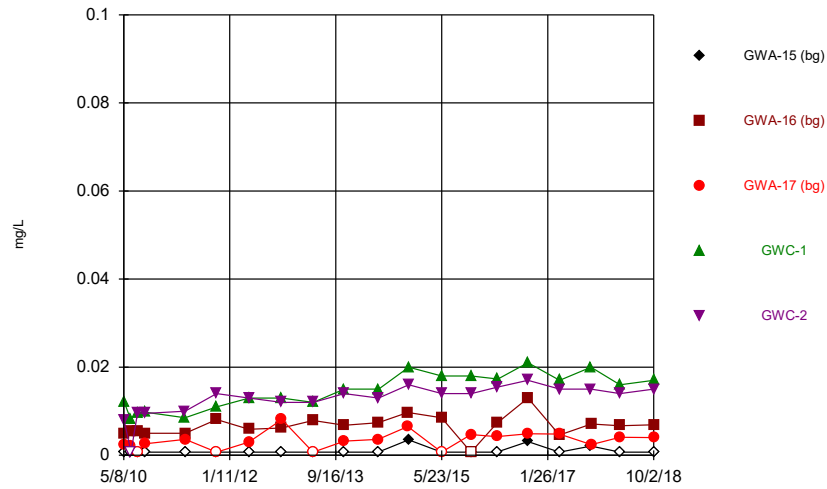
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 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



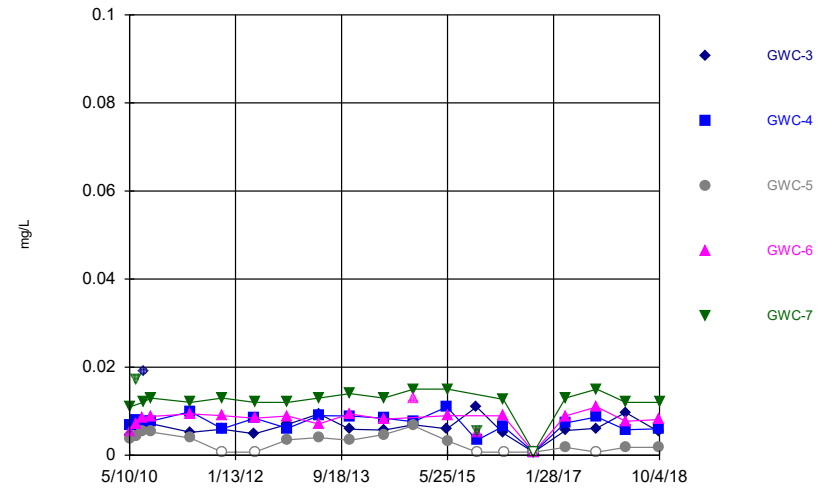
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 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



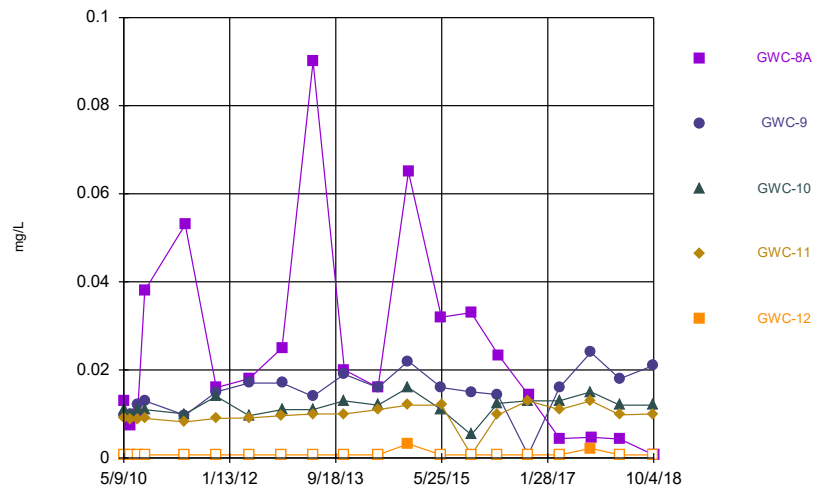
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



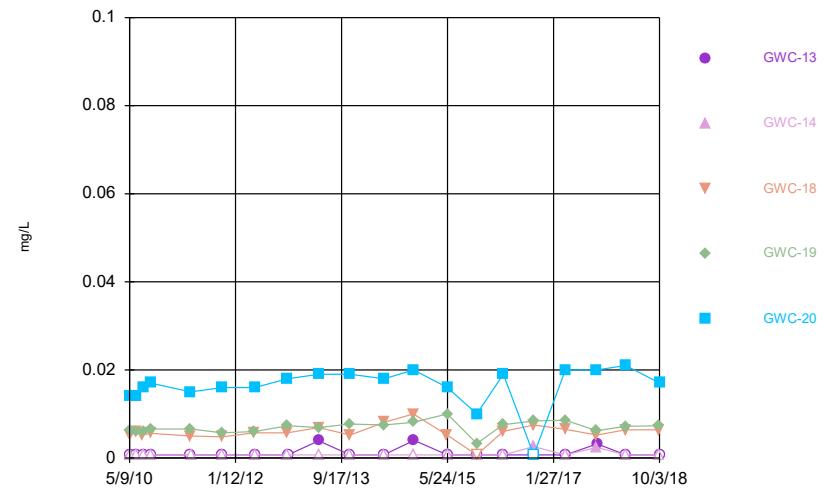
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Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



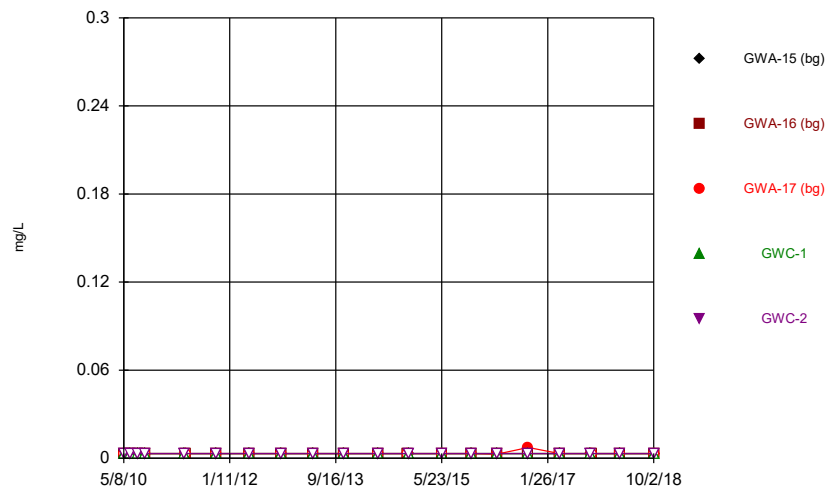
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Time Series



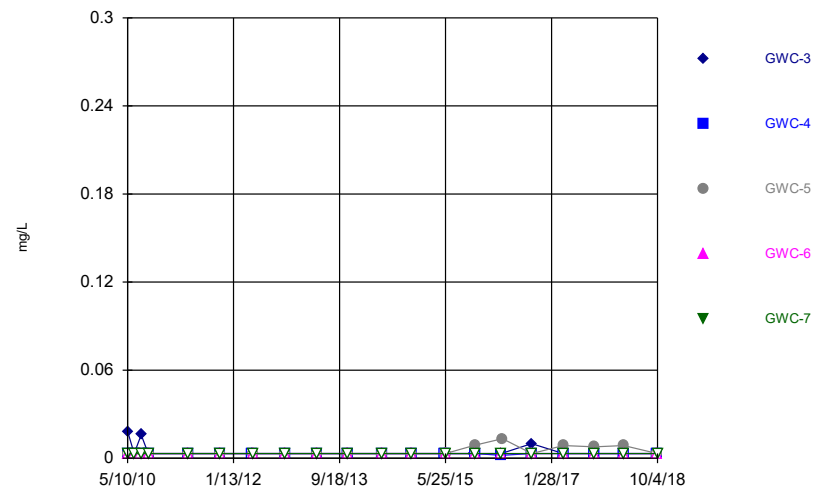
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Time Series



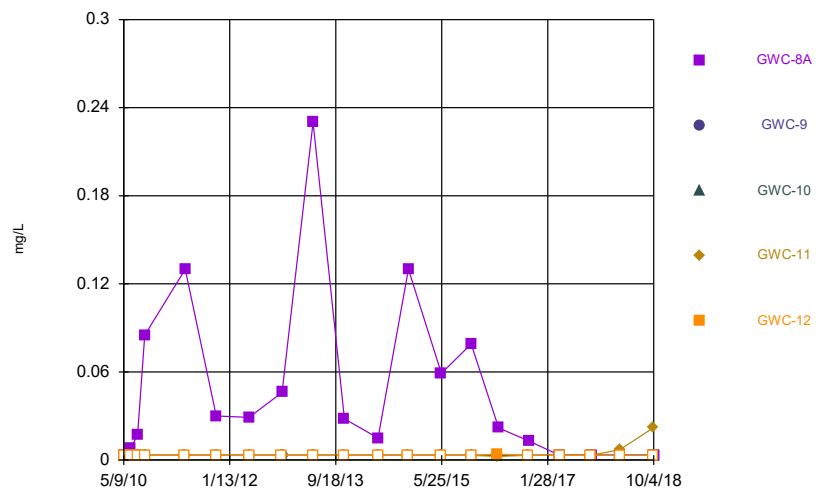
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Time Series



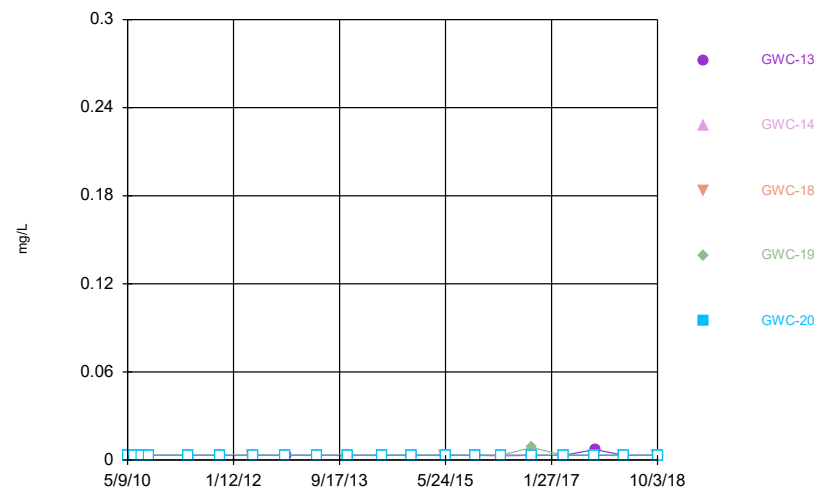
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 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



Constituent: Zinc Analysis Run 12/13/2018 12:50 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Time Series



Constituent: Zinc Analysis Run 12/13/2018 12:50 PM View: LF Intra-Well PLs
 Scherer Client: Golder Associates Data: Scherer Cell 1 CCR

Intrawell Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 1/23/2019, 4:37 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-29	0.01694	n/a	10/4/2018	0.018	Yes	21	0	No	0.01741	Param 1 of 2
Barium, Total (mg/L)	GWC-52	0.01277	n/a	10/4/2018	0.013	Yes	21	0	x^2	0.01741	Param 1 of 2
Boron (mg/L)	GWA-45	0.7233	n/a	10/3/2018	0.89	Yes	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWC-29	9.895	n/a	10/4/2018	10	Yes	8	0	No	0.01741	Param 1 of 2
Chloride (mg/L)	GWA-21	3.595	n/a	10/3/2018	4	Yes	8	0	No	0.01741	Param 1 of 2
Chloride (mg/L)	GWA-46	3.295	n/a	10/4/2018	3.9	Yes	8	0	No	0.01741	Param 1 of 2
Chloride (mg/L)	GWC-53	10.07	n/a	10/4/2018	12	Yes	8	0	n/a	0.02222	NP (normality) 1 of 2
Chromium, Total (mg/L)	GWC-52	0.01212	n/a	10/4/2018	0.016	Yes	21	4.762	No	0.01741	Param 1 of 2
Cobalt, Total (mg/L)	GWC-53	0.01182	n/a	10/4/2018	0.016	Yes	21	9.524	ln(x)	0.01741	Param 1 of 2
pH (S.U.)	GWA-48	6.869	6.595	3/23/2018	6.92	Yes	10	0	No	0.008703	Param 1 of 2
pH (S.U.)	GWA-49	6.979	6.683	3/22/2018	7	Yes	10	0	No	0.008703	Param 1 of 2
pH (S.U.)	GWC-29	5.86	5.738	3/26/2018	5.91	Yes	10	0	No	0.008703	Param 1 of 2
pH (S.U.)	GWC-50	5.911	5.738	3/23/2018	5.98	Yes	11	0	No	0.008703	Param 1 of 2
Sulfate (mg/L)	GWA-21	1.77	n/a	10/3/2018	1.9	Yes	8	12.5	No	0.01741	Param 1 of 2
Sulfate (mg/L)	GWC-52	14.5	n/a	10/4/2018	23	Yes	8	12.5	x^2	0.01741	Param 1 of 2
Sulfate (mg/L)	GWC-53	161.5	n/a	10/4/2018	170	Yes	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWC-29	108.4	n/a	10/4/2018	130	Yes	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWC-50	94.7	n/a	10/4/2018	110	Yes	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWC-52	131	n/a	10/4/2018	190	Yes	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWC-53	262.6	n/a	10/4/2018	320	Yes	8	0	No	0.01741	Param 1 of 2

Intrawell Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 1/23/2019, 4:37 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony, Total (mg/L)	GWA-21	0.001	n/a	10/3/2018	0.0005ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-22	0.001	n/a	10/3/2018	0.0005ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-45	0.001	n/a	10/3/2018	0.0005ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-46	0.0005	n/a	10/4/2018	0.0005ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-47	0.001	n/a	10/5/2018	0.0005ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-48	0.001	n/a	10/3/2018	0.0005ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Antimony, Total (mg/L)	GWA-49	0.001	n/a	10/3/2018	0.0005ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-29	0.001	n/a	10/4/2018	0.0005ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-50	0.001	n/a	10/4/2018	0.0005ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-51	0.001	n/a	10/4/2018	0.0005ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-52	0.001	n/a	10/4/2018	0.0005ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-53	0.001	n/a	10/4/2018	0.0005ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-21	0.00046	n/a	10/3/2018	0.00023ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-22	0.00046	n/a	10/3/2018	0.00023ND	No	20	100	n/a	0.004329	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-45	0.00046	n/a	10/3/2018	0.00023ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-46	0.00046	n/a	10/4/2018	0.00023ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-47	0.00046	n/a	10/5/2018	0.00023ND	No	20	100	n/a	0.004329	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-48	0.00046	n/a	10/3/2018	0.00023ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-49	0.00053	n/a	10/3/2018	0.00023ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-29	0.00046	n/a	10/4/2018	0.00023ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-50	0.00052	n/a	10/4/2018	0.00023ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-51	0.00046	n/a	10/4/2018	0.00023ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-52	0.00046	n/a	10/4/2018	0.00023ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-53	0.0011	n/a	10/4/2018	0.00023ND	No	20	95	n/a	0.004329	NP (NDs) 1 of 2
Barium, Total (mg/L)	GWA-21	0.0259	n/a	10/3/2018	0.00049	No	21	0	No	0.01741	Param 1 of 2
Barium, Total (mg/L)	GWA-22	0.02827	n/a	10/3/2018	0.022	No	21	0	No	0.01741	Param 1 of 2
Barium, Total (mg/L)	GWA-45	0.04362	n/a	10/3/2018	0.042	No	21	0	No	0.01741	Param 1 of 2
Barium, Total (mg/L)	GWA-46	0.048	n/a	10/4/2018	0.019	No	21	0	n/a	0.004033	NP (normality) 1 of 2
Barium, Total (mg/L)	GWA-47	0.088	n/a	10/5/2018	0.026	No	21	0	n/a	0.004033	NP (normality) 1 of 2
Barium, Total (mg/L)	GWA-48	0.055	n/a	10/3/2018	0.012	No	21	0	n/a	0.004033	NP (normality) 1 of 2
Barium, Total (mg/L)	GWA-49	0.021	n/a	10/3/2018	0.018	No	21	0	No	0.01741	Param 1 of 2
Barium, Total (mg/L)	GWC-29	0.01694	n/a	10/4/2018	0.018	Yes	21	0	No	0.01741	Param 1 of 2
Barium, Total (mg/L)	GWC-50	0.01311	n/a	10/4/2018	0.012	No	21	0	No	0.01741	Param 1 of 2
Barium, Total (mg/L)	GWC-51	0.01133	n/a	10/4/2018	0.0093	No	21	4.762	No	0.01741	Param 1 of 2
Barium, Total (mg/L)	GWC-52	0.01277	n/a	10/4/2018	0.013	Yes	21	0	x^2	0.01741	Param 1 of 2
Barium, Total (mg/L)	GWC-53	0.09244	n/a	10/4/2018	0.042	No	21	9.524	No	0.01741	Param 1 of 2
Beryllium, Total (mg/L)	GWA-21	0.00034	n/a	10/3/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-22	0.00034	n/a	10/3/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-45	0.00034	n/a	10/3/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-46	0.00034	n/a	10/4/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-47	0.00034	n/a	10/5/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-48	0.00034	n/a	10/3/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Beryllium, Total (mg/L)	GWA-49	0.00034	n/a	10/3/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-29	0.00034	n/a	10/4/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-50	0.00034	n/a	10/4/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-51	0.00017	n/a	10/4/2018	0.00017ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-52	0.00034	n/a	10/4/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-53	0.00034	n/a	10/4/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Boron (mg/L)	GWA-21	0.0105	n/a	10/3/2018	0.0105ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Boron (mg/L)	GWA-22	0.021	n/a	10/3/2018	0.0105ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2

Intrawell Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 1/23/2019, 4:37 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Boron (mg/L)	GWA-45	0.7233	n/a	10/3/2018	0.89	Yes	8	0	No	0.01741	Param 1 of 2
Boron (mg/L)	GWA-46	0.021	n/a	10/4/2018	0.0105ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Boron (mg/L)	GWA-47	0.0105	n/a	10/5/2018	0.0105ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.021	n/a	10/3/2018	0.0105ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Boron (mg/L)	GWA-49	0.021	n/a	10/3/2018	0.0105ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.0105	n/a	10/4/2018	0.0105ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Boron (mg/L)	GWC-50	0.021	n/a	10/4/2018	0.0105ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Boron (mg/L)	GWC-51	0.021	n/a	10/4/2018	0.0105ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Boron (mg/L)	GWC-52	0.021	n/a	10/4/2018	0.0105ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.017	n/a	10/4/2018	0.92	No	8	0	No	0.01741	Param 1 of 2
Cadmium, Total (mg/L)	GWA-21	0.00034	n/a	10/3/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-22	0.00034	n/a	10/3/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-45	0.00034	n/a	10/3/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-46	0.00034	n/a	10/4/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-47	0.0016	n/a	10/5/2018	0.00017ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-48	0.00034	n/a	10/3/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-49	0.00034	n/a	10/3/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-29	0.00034	n/a	10/4/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-50	0.00017	n/a	10/4/2018	0.00017ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-51	0.00034	n/a	10/4/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-52	0.00034	n/a	10/4/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-53	0.00034	n/a	10/4/2018	0.00017ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Calcium (mg/L)	GWA-21	10.72	n/a	10/3/2018	7.8	No	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWA-22	8.381	n/a	10/3/2018	6.1	No	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWA-45	41.31	n/a	10/3/2018	41	No	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWA-46	6.344	n/a	10/4/2018	5.4	No	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWA-47	11.51	n/a	10/5/2018	11	No	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWA-48	13.52	n/a	10/3/2018	12	No	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWA-49	15.03	n/a	10/3/2018	14	No	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWC-29	9.895	n/a	10/4/2018	10	Yes	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWC-50	7.685	n/a	10/4/2018	6.7	No	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWC-51	7.386	n/a	10/4/2018	6.4	No	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWC-52	14.18	n/a	10/4/2018	14	No	8	0	No	0.01741	Param 1 of 2
Calcium (mg/L)	GWC-53	18.7	n/a	10/4/2018	17	No	8	0	No	0.01741	Param 1 of 2
Chloride (mg/L)	GWA-21	3.595	n/a	10/3/2018	4	Yes	8	0	No	0.01741	Param 1 of 2
Chloride (mg/L)	GWA-22	4.907	n/a	10/3/2018	2.9	No	8	0	No	0.01741	Param 1 of 2
Chloride (mg/L)	GWA-45	10.47	n/a	10/3/2018	10	No	8	0	x^2	0.01741	Param 1 of 2
Chloride (mg/L)	GWA-46	3.295	n/a	10/4/2018	3.9	Yes	8	0	No	0.01741	Param 1 of 2
Chloride (mg/L)	GWA-47	1.673	n/a	10/5/2018	1.4	No	8	0	No	0.01741	Param 1 of 2
Chloride (mg/L)	GWA-48	2.7	n/a	10/3/2018	1.6	No	8	0	n/a	0.02222	NP (normality) 1 of 2
Chloride (mg/L)	GWA-49	2.343	n/a	10/3/2018	2	No	8	0	No	0.01741	Param 1 of 2
Chloride (mg/L)	GWC-29	4.267	n/a	10/4/2018	3.1	No	8	0	x^2	0.01741	Param 1 of 2
Chloride (mg/L)	GWC-50	2.104	n/a	10/4/2018	1.9	No	8	0	No	0.01741	Param 1 of 2
Chloride (mg/L)	GWC-51	7.051	n/a	10/4/2018	6.9	No	8	0	x^6	0.01741	Param 1 of 2
Chloride (mg/L)	GWC-52	8.729	n/a	10/4/2018	8.1	No	8	12.5	x^4	0.01741	Param 1 of 2
Chloride (mg/L)	GWC-53	10.07	n/a	10/4/2018	12	Yes	8	0	n/a	0.02222	NP (normality) 1 of 2
Chromium, Total (mg/L)	GWA-21	0.007343	n/a	10/3/2018	0.0014	No	21	19.05	sqrt(x)	0.01741	Param 1 of 2
Chromium, Total (mg/L)	GWA-22	0.008725	n/a	10/3/2018	0.0086	No	21	9.524	No	0.01741	Param 1 of 2
Chromium, Total (mg/L)	GWA-45	0.0042	n/a	10/3/2018	0.00055ND	No	21	90.48	n/a	0.004033	NP (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-46	0.006107	n/a	10/4/2018	0.0047	No	21	4.762	sqrt(x)	0.01741	Param 1 of 2

Intrawell Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 1/23/2019, 4:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chromium, Total (mg/L)	GWA-47	0.02582	n/a	10/5/2018	0.0083	No	21	9.524	ln(x)	0.01741	Param 1 of 2
Chromium, Total (mg/L)	GWA-48	0.01471	n/a	10/3/2018	0.0051	No	21	9.524	ln(x)	0.01741	Param 1 of 2
Chromium, Total (mg/L)	GWA-49	0.008003	n/a	10/3/2018	0.0052	No	21	4.762	sqrt(x)	0.01741	Param 1 of 2
Chromium, Total (mg/L)	GWC-29	0.005	n/a	10/4/2018	0.0014	No	21	47.62	n/a	0.004033	NP (normality) 1 of 2
Chromium, Total (mg/L)	GWC-50	0.005536	n/a	10/4/2018	0.005	No	21	9.524	No	0.01741	Param 1 of 2
Chromium, Total (mg/L)	GWC-51	0.004951	n/a	10/4/2018	0.0041	No	21	14.29	No	0.01741	Param 1 of 2
Chromium, Total (mg/L)	GWC-52	0.01212	n/a	10/4/2018	0.016	Yes	21	4.762	No	0.01741	Param 1 of 2
Chromium, Total (mg/L)	GWC-53	0.003362	n/a	10/4/2018	0.00055ND	No	21	42.86	sqrt(x)	0.01741	Param 1 of 2
Cobalt, Total (mg/L)	GWA-21	0.0014	n/a	10/3/2018	0.0014	No	21	80.95	n/a	0.004033	NP (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-22	0.0038	n/a	10/3/2018	0.0002ND	No	21	71.43	n/a	0.004033	NP (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-45	0.007541	n/a	10/3/2018	0.0018	No	21	33.33	sqrt(x)	0.01741	Param 1 of 2
Cobalt, Total (mg/L)	GWA-46	0.0002	n/a	10/4/2018	0.0002ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-47	0.0048	n/a	10/5/2018	0.0002ND	No	21	80.95	n/a	0.004033	NP (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-48	0.0039	n/a	10/3/2018	0.0002ND	No	21	90.48	n/a	0.004033	NP (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-49	0.0004	n/a	10/3/2018	0.0002ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-29	0.0004	n/a	10/4/2018	0.0002ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-50	0.0004	n/a	10/4/2018	0.0002ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-51	0.0004	n/a	10/4/2018	0.0002ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-52	0.0004	n/a	10/4/2018	0.0002ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-53	0.01182	n/a	10/4/2018	0.016	Yes	21	9.524	ln(x)	0.01741	Param 1 of 2
Copper, Total (mg/L)	GWA-21	0.0028	n/a	10/3/2018	0.00105ND	No	16	93.75	n/a	0.006536	NP (NDs) 1 of 2
Copper, Total (mg/L)	GWA-22	0.078	n/a	10/3/2018	0.00105ND	No	16	87.5	n/a	0.006536	NP (NDs) 1 of 2
Copper, Total (mg/L)	GWA-45	0.0034	n/a	10/3/2018	0.00105ND	No	16	75	n/a	0.006536	NP (NDs) 1 of 2
Copper, Total (mg/L)	GWA-46	0.021	n/a	10/4/2018	0.00105ND	No	16	93.75	n/a	0.006536	NP (NDs) 1 of 2
Copper, Total (mg/L)	GWA-47	0.0308	n/a	10/5/2018	0.00105ND	No	16	12.5	sqrt(x)	0.01741	Param 1 of 2
Copper, Total (mg/L)	GWA-48	0.013	n/a	10/3/2018	0.00105ND	No	16	50	n/a	0.006536	NP (normality) 1 of 2
Copper, Total (mg/L)	GWA-49	0.0021	n/a	10/3/2018	0.00105ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Copper, Total (mg/L)	GWC-29	0.0031	n/a	10/4/2018	0.00105ND	No	16	93.75	n/a	0.006536	NP (NDs) 1 of 2
Copper, Total (mg/L)	GWC-50	0.0031	n/a	10/4/2018	0.00105ND	No	16	93.75	n/a	0.006536	NP (NDs) 1 of 2
Copper, Total (mg/L)	GWC-51	0.0021	n/a	10/4/2018	0.00105ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Copper, Total (mg/L)	GWC-52	0.0021	n/a	10/4/2018	0.00105ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Copper, Total (mg/L)	GWC-53	0.0021	n/a	10/4/2018	0.00105ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Fluoride (mg/L)	GWA-21	0.041	n/a	10/3/2018	0.041ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.082	n/a	10/3/2018	0.041ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.041	n/a	10/3/2018	0.041ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.041	n/a	10/4/2018	0.041ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.082	n/a	10/5/2018	0.041ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.1	n/a	10/3/2018	0.041ND	No	8	75	n/a	0.02222	NP (NDs) 1 of 2
Fluoride (mg/L)	GWA-49	0.041	n/a	10/3/2018	0.041ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.041	n/a	10/4/2018	0.041ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.041	n/a	10/4/2018	0.041ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.041	n/a	10/4/2018	0.041ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.082	n/a	10/4/2018	0.041ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.082	n/a	10/4/2018	0.041ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Lead, Total (mg/L)	GWA-21	0.0044	n/a	10/3/2018	0.000175ND	No	21	71.43	n/a	0.004033	NP (NDs) 1 of 2
Lead, Total (mg/L)	GWA-22	0.0048	n/a	10/3/2018	0.000175ND	No	21	76.19	n/a	0.004033	NP (NDs) 1 of 2
Lead, Total (mg/L)	GWA-45	0.005	n/a	10/3/2018	0.000175ND	No	21	66.67	n/a	0.004033	NP (NDs) 1 of 2
Lead, Total (mg/L)	GWA-46	0.0037	n/a	10/4/2018	0.000175ND	No	21	76.19	n/a	0.004033	NP (NDs) 1 of 2
Lead, Total (mg/L)	GWA-47	0.0062	n/a	10/5/2018	0.000175ND	No	21	61.9	n/a	0.004033	NP (NDs) 1 of 2
Lead, Total (mg/L)	GWA-48	0.0064	n/a	10/3/2018	0.000175ND	No	21	61.9	n/a	0.004033	NP (NDs) 1 of 2

Intrawell Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 1/23/2019, 4:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Lead, Total (mg/L)	GWA-49	0.0062	n/a	10/3/2018	0.000175ND	No	21	57.14	n/a	0.004033	NP (NDs) 1 of 2
Lead, Total (mg/L)	GWC-29	0.0038	n/a	10/4/2018	0.000175ND	No	21	71.43	n/a	0.004033	NP (NDs) 1 of 2
Lead, Total (mg/L)	GWC-50	0.0043	n/a	10/4/2018	0.000175ND	No	21	71.43	n/a	0.004033	NP (NDs) 1 of 2
Lead, Total (mg/L)	GWC-51	0.0035	n/a	10/4/2018	0.000175ND	No	21	71.43	n/a	0.004033	NP (NDs) 1 of 2
Lead, Total (mg/L)	GWC-52	0.006	n/a	10/4/2018	0.000175ND	No	21	61.9	n/a	0.004033	NP (NDs) 1 of 2
Lead, Total (mg/L)	GWC-53	0.0026	n/a	10/4/2018	0.000175ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-21	0.0002	n/a	10/3/2018	0.0001ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-22	0.0002	n/a	10/3/2018	0.0001ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-45	0.0002	n/a	10/3/2018	0.0001ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-46	0.00011	n/a	10/4/2018	0.000035ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-47	0.000081	n/a	10/5/2018	0.000035ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-48	0.0001	n/a	10/3/2018	0.0001ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-49	0.0002	n/a	10/3/2018	0.0001ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-29	0.00007	n/a	10/4/2018	0.000035ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-50	0.00007	n/a	10/4/2018	0.000035ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-51	0.00007	n/a	10/4/2018	0.000035ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-52	0.000082	n/a	10/4/2018	0.000035ND	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-53	0.00007	n/a	10/4/2018	0.000035ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-21	0.0018	n/a	10/3/2018	0.0009ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-22	0.003	n/a	10/3/2018	0.0009ND	No	16	93.75	n/a	0.006536	NP (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-45	0.0018	n/a	10/3/2018	0.0009ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-46	0.0035	n/a	10/4/2018	0.0009ND	No	16	93.75	n/a	0.006536	NP (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-47	0.02628	n/a	10/5/2018	0.01895...	No	16	50	No	0.01741	Param 1 of 2 Deseas
Nickel, Total (mg/L)	GWA-48	0.02608	n/a	10/3/2018	0.01350...	No	16	43.75	n/a	0.006536	NP (normality) 1 of 2...
Nickel, Total (mg/L)	GWA-49	0.0018	n/a	10/3/2018	0.0009ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-29	0.0042	n/a	10/4/2018	0.0037	No	16	81.25	n/a	0.006536	NP (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.0018	n/a	10/4/2018	0.0009ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-51	0.0025	n/a	10/4/2018	0.0024	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-52	0.0018	n/a	10/4/2018	0.0009ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-53	0.007603	n/a	10/4/2018	0.0073	No	16	12.5	No	0.01741	Param 1 of 2
pH (S.U.)	GWA-21	5.898	5.686	3/26/2018	5.76	No	10	0	No	0.008703	Param 1 of 2
pH (S.U.)	GWA-22	6.128	5.706	3/26/2018	6.06	No	10	0	No	0.008703	Param 1 of 2
pH (S.U.)	GWA-45	6.343	5.865	3/22/2018	6.2	No	10	0	No	0.008703	Param 1 of 2
pH (S.U.)	GWA-46	6.83	5.71	3/23/2018	5.89	No	10	0	n/a	0.0303	NP (normality) 1 of 2
pH (S.U.)	GWA-47	6.506	6.342	3/22/2018	6.46	No	11	0	No	0.008703	Param 1 of 2
pH (S.U.)	GWA-48	6.869	6.595	3/23/2018	6.92	Yes	10	0	No	0.008703	Param 1 of 2
pH (S.U.)	GWA-49	6.979	6.683	3/22/2018	7	Yes	10	0	No	0.008703	Param 1 of 2
pH (S.U.)	GWC-29	5.86	5.738	3/26/2018	5.91	Yes	10	0	No	0.008703	Param 1 of 2
pH (S.U.)	GWC-50	5.911	5.738	3/23/2018	5.98	Yes	11	0	No	0.008703	Param 1 of 2
pH (S.U.)	GWC-51	8.36	5.76	3/26/2018	5.98	No	12	0	n/a	0.02198	NP (normality) 1 of 2
pH (S.U.)	GWC-52	7.63	6.53	3/26/2018	6.77	No	12	0	n/a	0.02198	NP (normality) 1 of 2
pH (S.U.)	GWC-53	7.725	5.48	3/26/2018	5.78	No	11	0	n/a	0.02614	NP (normality) 1 of 2
Selenium, Total (mg/L)	GWA-21	0.0072	n/a	10/3/2018	0.00012ND	No	21	90.48	n/a	0.004033	NP (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-22	0.0048	n/a	10/3/2018	0.00012ND	No	21	85.71	n/a	0.004033	NP (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-45	0.0093	n/a	10/3/2018	0.00012ND	No	21	80.95	n/a	0.004033	NP (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-46	0.00024	n/a	10/4/2018	0.00012ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-47	0.0064	n/a	10/5/2018	0.00012ND	No	21	90.48	n/a	0.004033	NP (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-48	0.0077	n/a	10/3/2018	0.00012ND	No	21	85.71	n/a	0.004033	NP (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-49	0.0041	n/a	10/3/2018	0.00012ND	No	21	90.48	n/a	0.004033	NP (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-29	0.0044	n/a	10/4/2018	0.00032	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2

Intrawell Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 1/23/2019, 4:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Selenium, Total (mg/L)	GWC-50	0.0042	n/a	10/4/2018	0.00012ND	No	21	90.48	n/a	0.004033	NP (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-51	0.00024	n/a	10/4/2018	0.00012ND	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-52	0.0067	n/a	10/4/2018	0.0004	No	21	76.19	n/a	0.004033	NP (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-53	0.0025	n/a	10/4/2018	0.00012ND	No	21	85.71	n/a	0.004033	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWA-21	0.00011	n/a	10/3/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWA-22	0.00011	n/a	10/3/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWA-45	0.00011	n/a	10/3/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWA-46	0.00011	n/a	10/4/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWA-47	0.00011	n/a	10/5/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWA-48	0.00011	n/a	10/3/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWA-49	0.00011	n/a	10/3/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWC-29	0.00011	n/a	10/4/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWC-50	0.00011	n/a	10/4/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWC-51	0.00011	n/a	10/4/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWC-52	0.00011	n/a	10/4/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Silver, Total (mg/L)	GWC-53	0.00011	n/a	10/4/2018	0.000055ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Sulfate (mg/L)	GWA-21	1.77	n/a	10/3/2018	1.9	Yes	8	12.5	No	0.01741	Param 1 of 2
Sulfate (mg/L)	GWA-22	0.7	n/a	10/3/2018	0.35ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	168.4	n/a	10/3/2018	140	No	8	0	No	0.01741	Param 1 of 2
Sulfate (mg/L)	GWA-46	0.594	n/a	10/4/2018	0.35ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	0.7	n/a	10/5/2018	0.35ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	1.483	n/a	10/3/2018	1.2	No	8	0	No	0.01741	Param 1 of 2
Sulfate (mg/L)	GWA-49	0.507	n/a	10/3/2018	0.35ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	2.986	n/a	10/4/2018	2.8	No	8	12.5	No	0.01741	Param 1 of 2
Sulfate (mg/L)	GWC-50	0.7	n/a	10/4/2018	0.35ND	No	8	100	n/a	0.02222	NP (NDs) 1 of 2
Sulfate (mg/L)	GWC-51	0.415	n/a	10/4/2018	0.35ND	No	8	87.5	n/a	0.02222	NP (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	14.5	n/a	10/4/2018	23	Yes	8	12.5	x^2	0.01741	Param 1 of 2
Sulfate (mg/L)	GWC-53	161.5	n/a	10/4/2018	170	Yes	8	0	No	0.01741	Param 1 of 2
Thallium, Total (mg/L)	GWA-21	0.00048	n/a	10/3/2018	0.00004...	No	21	90.48	n/a	0.004033	NP (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-22	0.00086	n/a	10/3/2018	0.00004...	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-45	0.00032	n/a	10/3/2018	0.00004...	No	21	90.48	n/a	0.004033	NP (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-46	0.000085	n/a	10/4/2018	0.00004...	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-47	0.000085	n/a	10/5/2018	0.00004...	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-48	0.000085	n/a	10/3/2018	0.00004...	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-49	0.000085	n/a	10/3/2018	0.00004...	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-29	0.000085	n/a	10/4/2018	0.00004...	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-50	0.00028	n/a	10/4/2018	0.00004...	No	21	95.24	n/a	0.004033	NP (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-51	0.000085	n/a	10/4/2018	0.00004...	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-52	0.000085	n/a	10/4/2018	0.00004...	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-53	0.000085	n/a	10/4/2018	0.00004...	No	21	100	n/a	0.004033	NP (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWA-21	96.56	n/a	10/3/2018	72	No	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWA-22	102.9	n/a	10/3/2018	42	No	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWA-45	287.2	n/a	10/3/2018	190	No	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWA-46	76.23	n/a	10/4/2018	48	No	8	12.5	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWA-47	104.4	n/a	10/5/2018	90	No	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWA-48	112.2	n/a	10/3/2018	88	No	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWA-49	125.4	n/a	10/3/2018	96	No	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWC-29	108.4	n/a	10/4/2018	130	Yes	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWC-50	94.7	n/a	10/4/2018	110	Yes	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWC-51	90.12	n/a	10/4/2018	96	No	8	0	x^2	0.01741	Param 1 of 2

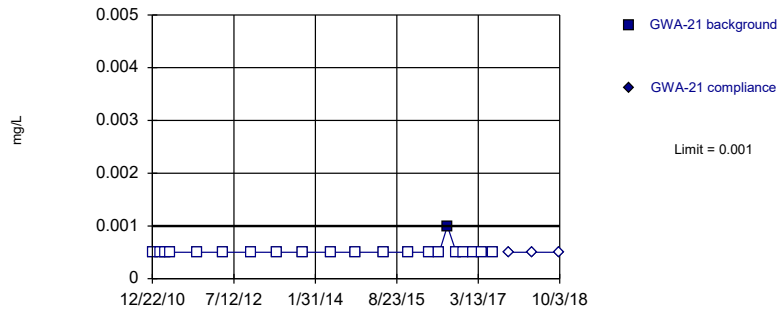
Intrawell Prediction Limit

Scherer Client: Golder Associates Data: Scherer PAC_CCR Printed 1/23/2019, 4:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Total Dissolved Solids (mg/L)	GWC-52	131	n/a	10/4/2018	190	Yes	8	0	No	0.01741	Param 1 of 2
Total Dissolved Solids (mg/L)	GWC-53	262.6	n/a	10/4/2018	320	Yes	8	0	No	0.01741	Param 1 of 2
Vanadium, Total (mg/L)	GWA-21	0.002347	n/a	10/3/2018	0.002328	No	16	75	n/a	0.006536	NP (NDs) 1 of 2 Deseas
Vanadium, Total (mg/L)	GWA-22	0.0052	n/a	10/3/2018	0.0022	No	16	68.75	n/a	0.006536	NP (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-45	0.0062	n/a	10/3/2018	0.0007ND	No	16	81.25	n/a	0.006536	NP (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-46	0.0283	n/a	10/4/2018	0.01454...	No	16	12.5	n/a	0.006536	NP (normality) 1 of 2...
Vanadium, Total (mg/L)	GWA-47	0.02365	n/a	10/5/2018	0.00265ND	No	16	6.25	sqrt(x)	0.01741	Param 1 of 2
Vanadium, Total (mg/L)	GWA-48	0.01943	n/a	10/3/2018	0.017	No	16	6.25	No	0.01741	Param 1 of 2
Vanadium, Total (mg/L)	GWA-49	0.02102	n/a	10/3/2018	0.018	No	16	0	No	0.01741	Param 1 of 2
Vanadium, Total (mg/L)	GWC-29	0.005795	n/a	10/4/2018	0.00265ND	No	16	6.25	No	0.01741	Param 1 of 2
Vanadium, Total (mg/L)	GWC-50	0.0044	n/a	10/4/2018	0.00185ND	No	16	43.75	n/a	0.006536	NP (normality) 1 of 2
Vanadium, Total (mg/L)	GWC-51	0.005656	n/a	10/4/2018	0.00365...	No	16	25	No	0.01741	Param 1 of 2 Deseas
Vanadium, Total (mg/L)	GWC-52	0.0132	n/a	10/4/2018	0.013	No	16	12.5	x^2	0.01741	Param 1 of 2
Vanadium, Total (mg/L)	GWC-53	0.0136	n/a	10/4/2018	0.00185ND	No	16	81.25	n/a	0.006536	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-21	0.0065	n/a	10/3/2018	0.00325ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-22	0.039	n/a	10/3/2018	0.00325ND	No	15	93.33	n/a	0.007649	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-45	0.00345	n/a	10/3/2018	0.00325ND	No	16	93.75	n/a	0.006536	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-46	0.013	n/a	10/4/2018	0.00325ND	No	16	87.5	n/a	0.006536	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-47	0.014	n/a	10/5/2018	0.00325ND	No	15	86.67	n/a	0.007649	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-48	0.00325	n/a	10/3/2018	0.00325ND	No	16	93.75	n/a	0.006536	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-49	0.00325	n/a	10/3/2018	0.00325ND	No	16	93.75	n/a	0.006536	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-29	0.0065	n/a	10/4/2018	0.00325ND	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-50	0.0065	n/a	10/4/2018	0.0076	No	16	100	n/a	0.006536	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-51	0.00333	n/a	10/4/2018	0.00325ND	No	16	93.75	n/a	0.006536	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-52	0.0065	n/a	10/4/2018	0.00325ND	No	16	93.75	n/a	0.006536	NP (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-53	0.01591	n/a	10/4/2018	0.017	No	15	0	No	0.01741	Param 1 of 2

Within Limit

Prediction Limit
Intrawell Non-parametric

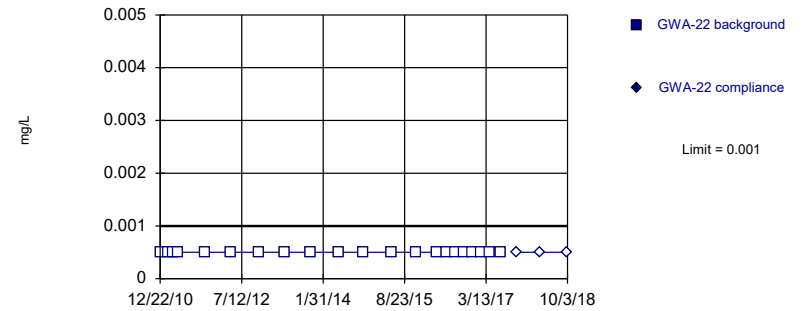


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

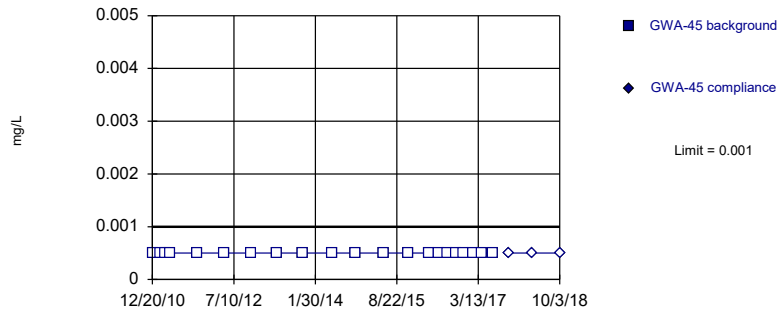


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

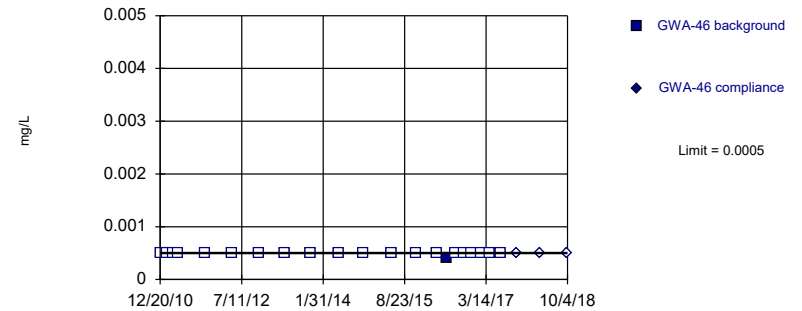


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

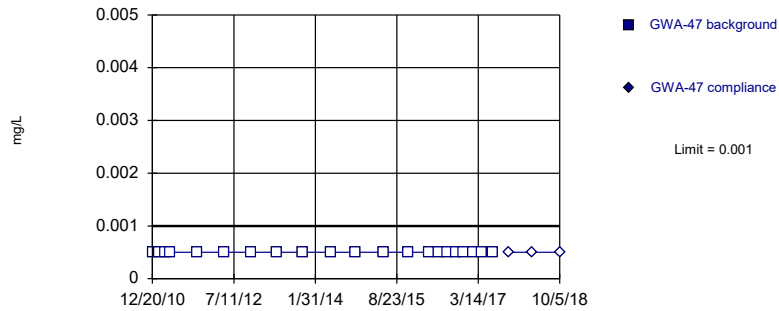


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Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

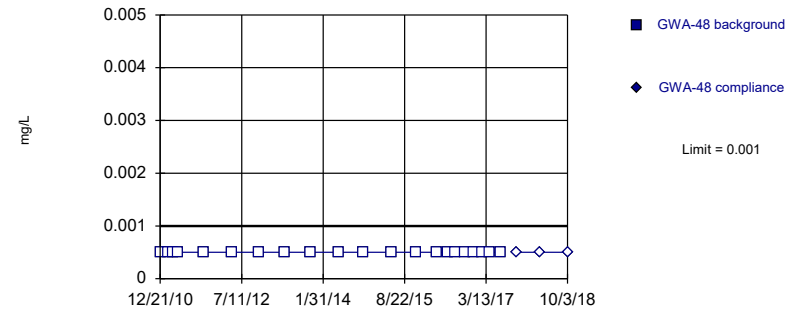


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

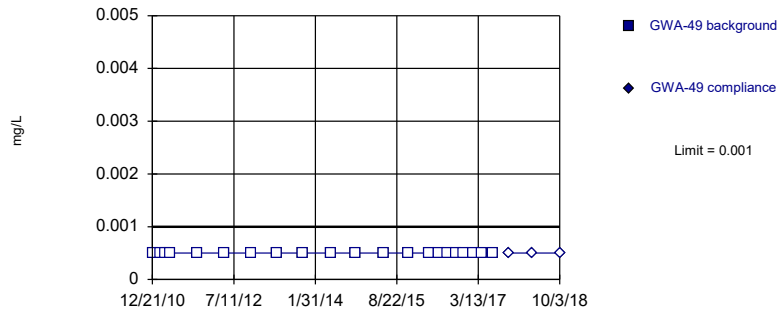


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

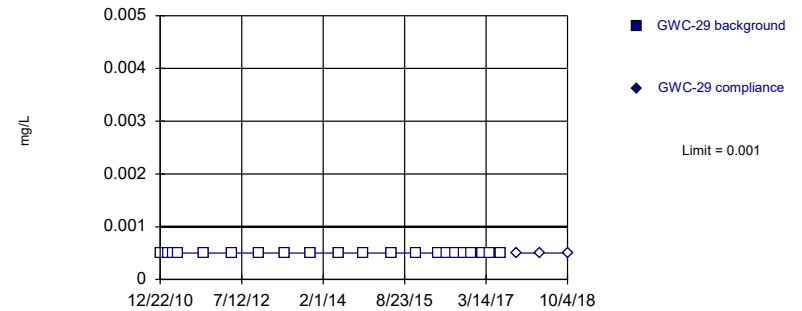


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

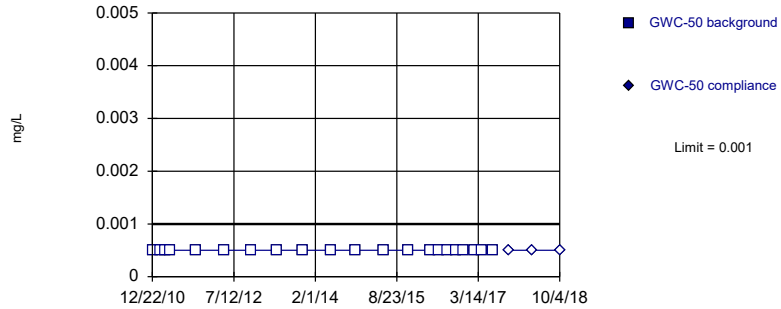


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

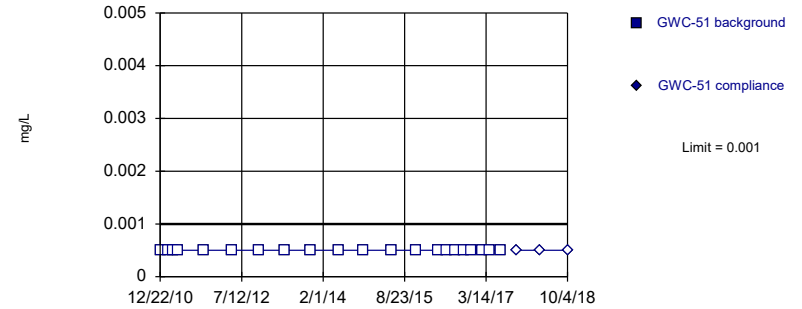


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

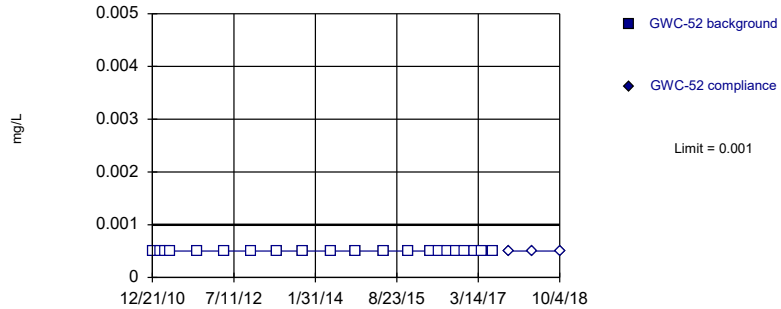


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

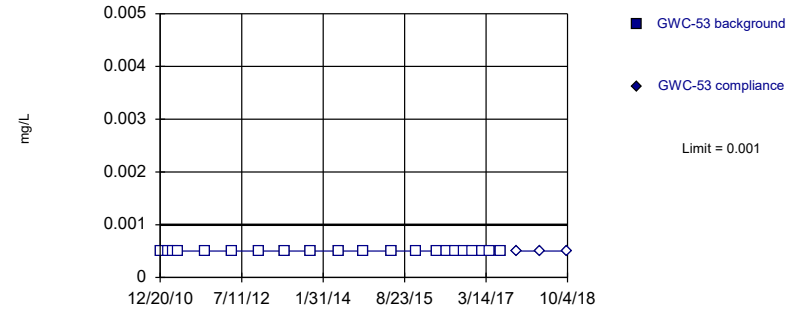


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

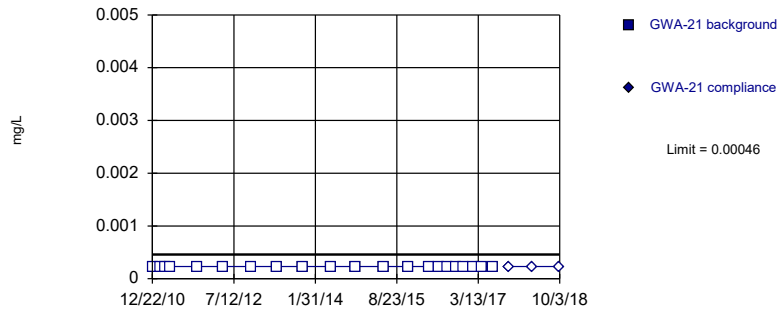
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Antimony, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

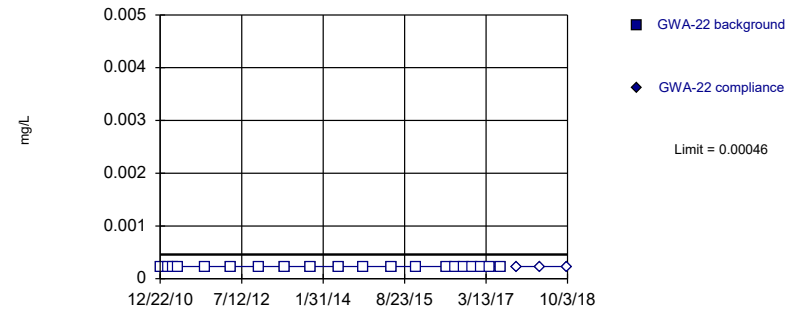
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

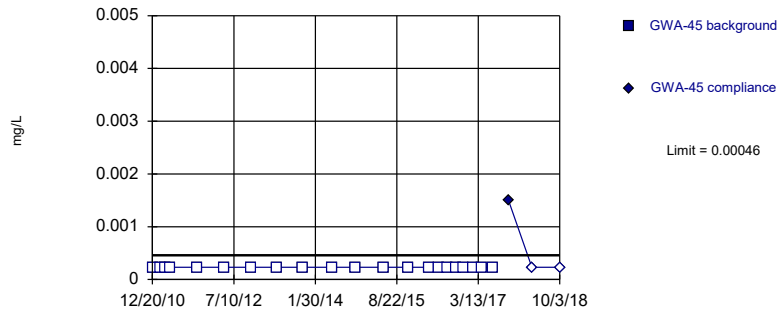
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004329 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

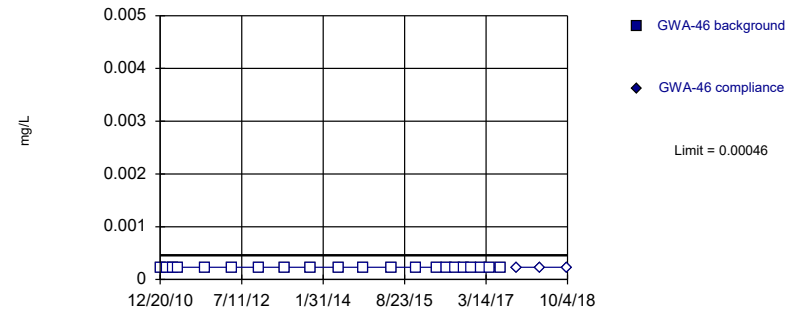
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

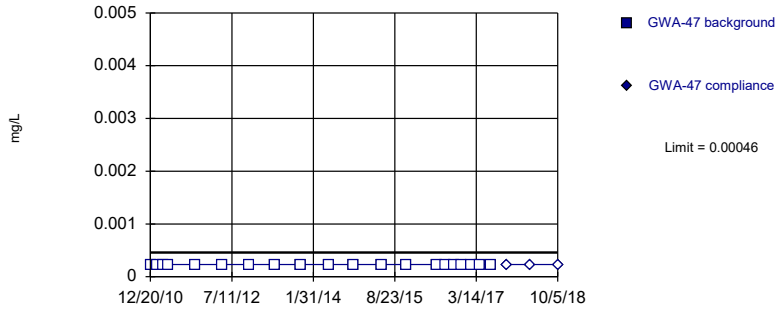
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

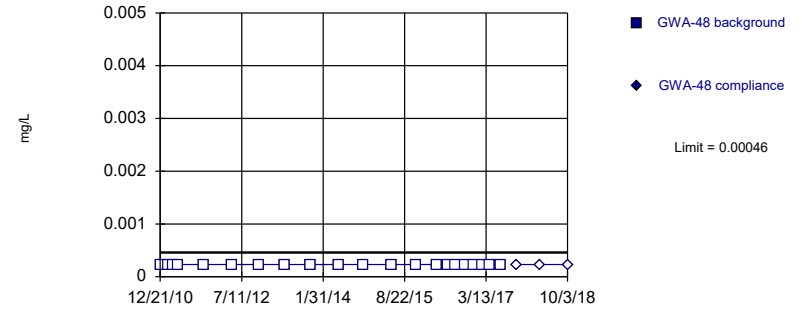
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004329 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

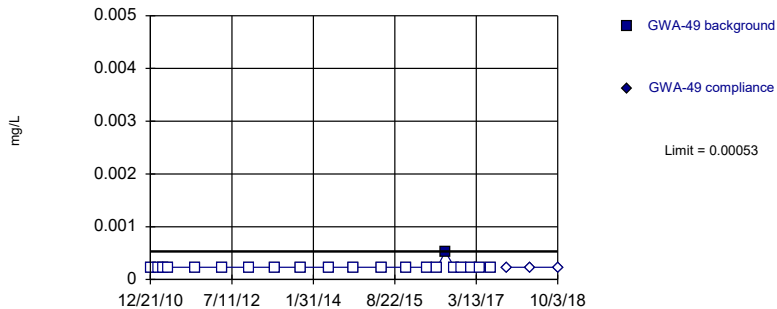
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

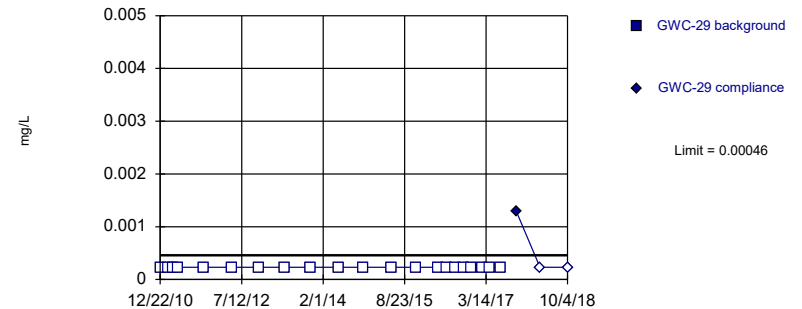
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

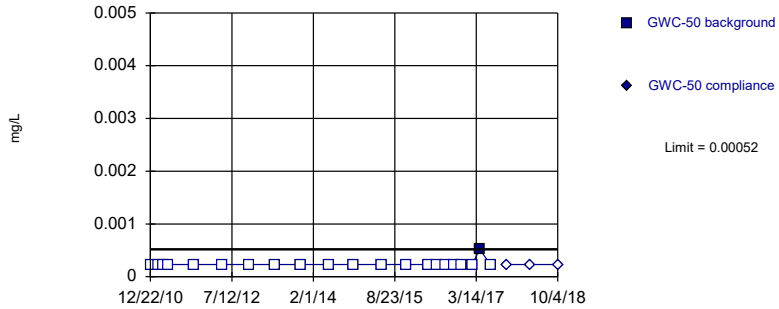
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

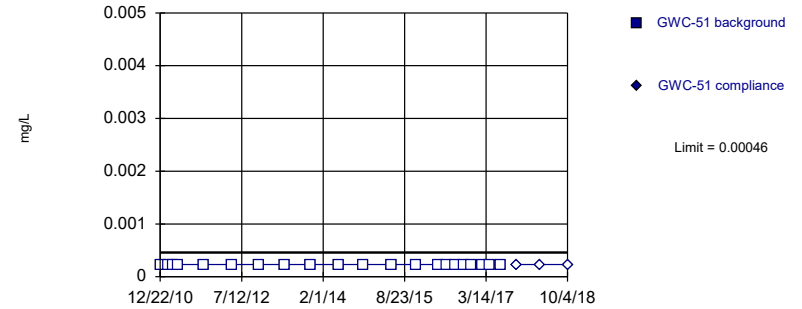
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

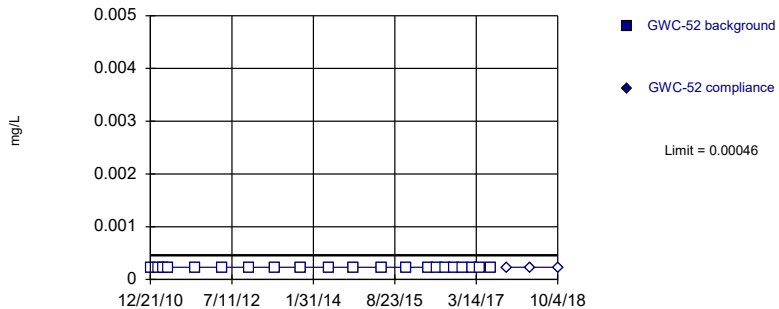
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

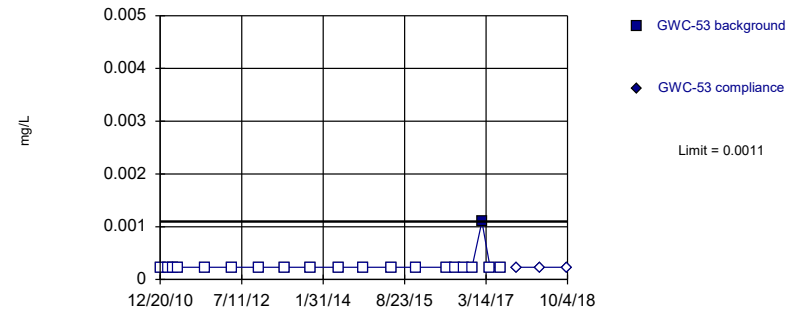
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

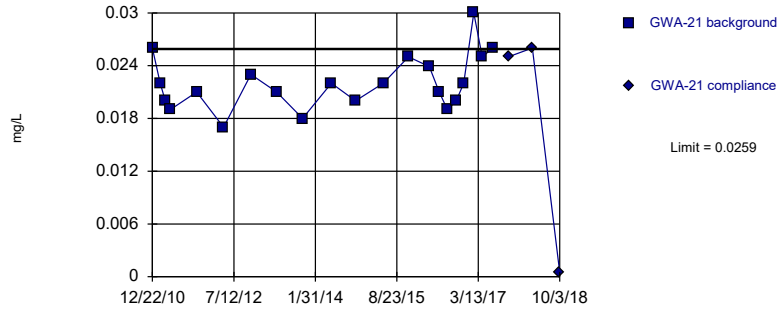
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.004329 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Arsenic, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

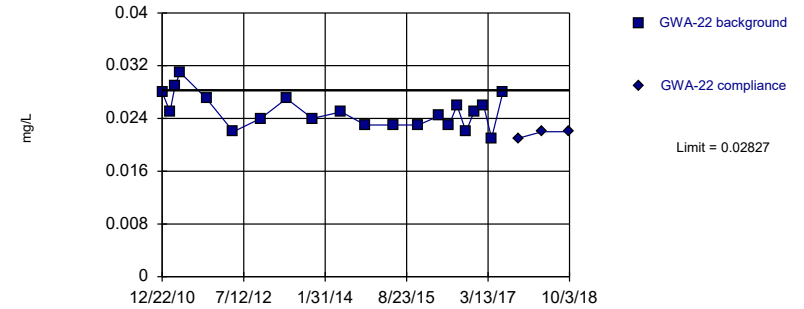
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.02204, Std. Dev.=0.003103, n=21. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9549, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Barium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

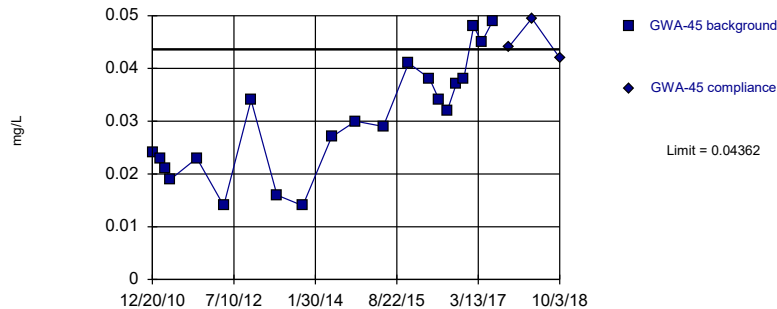
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.02507, Std. Dev.=0.002572, n=21. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9637, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Barium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

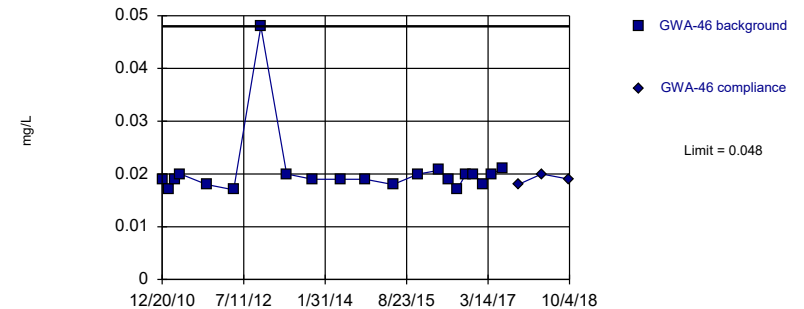
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.03029, Std. Dev.=0.01072, n=21. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9641, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Barium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

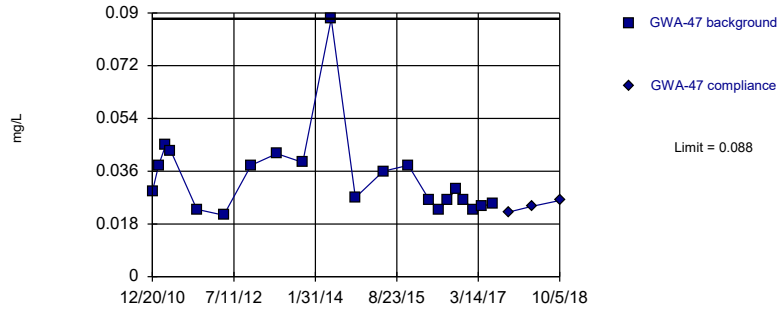
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Barium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

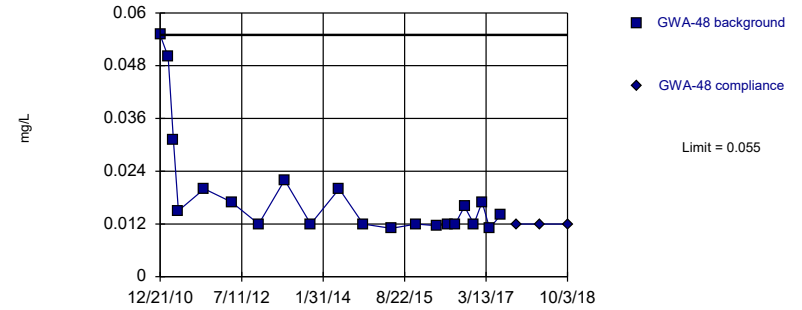
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Barium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

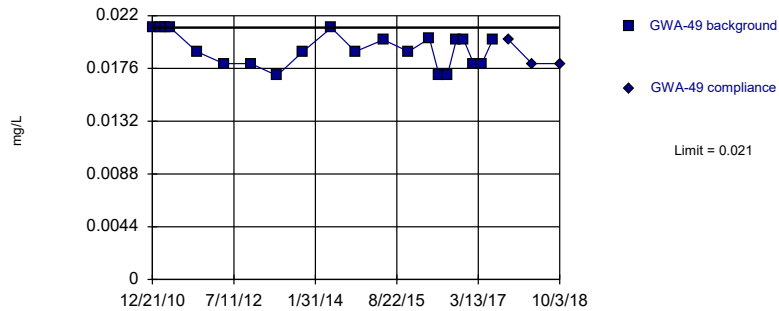
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Barium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric

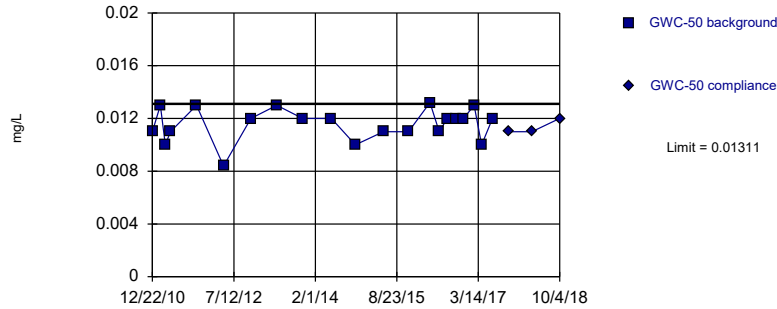


Background Data Summary: Mean=0.01924, Std. Dev.=0.001414, n=21. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8979, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Barium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit Prediction Limit
Intrawell Parametric

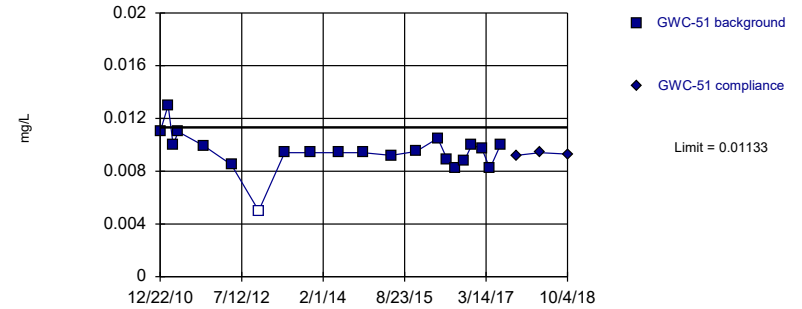
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01155, Std. Dev.=0.001249, n=21. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9084, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Barium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

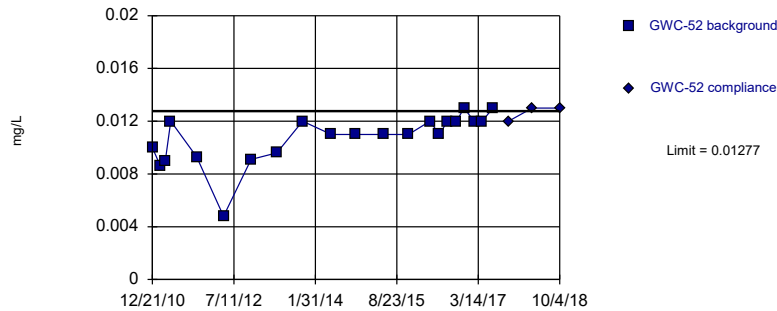
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.009476, Std. Dev.=0.001488, n=21, 4.762% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8847, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Barium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

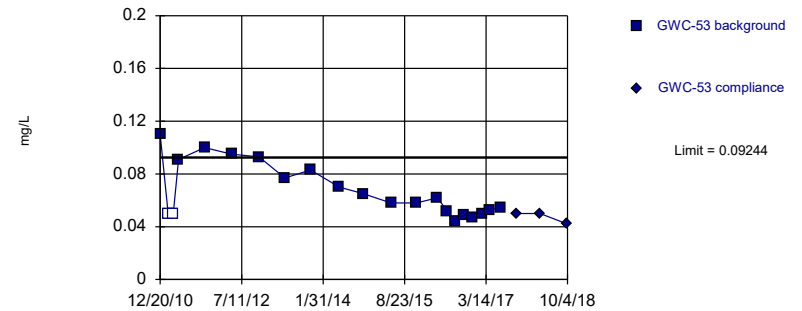
Exceeds Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.0001186, Std. Dev.=0.00003572, n=21. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9096, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Barium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric

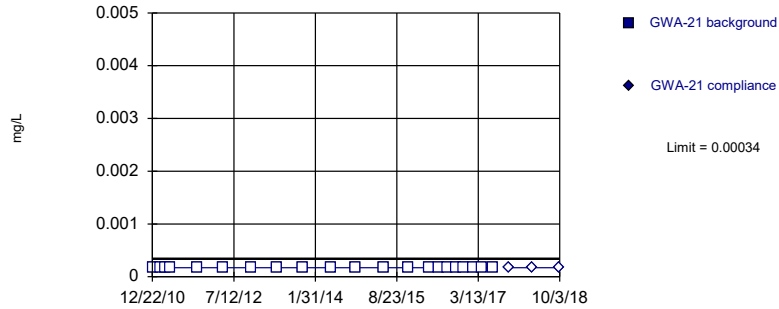


Background Data Summary: Mean=0.06719, Std. Dev.=0.0203, n=21, 9.524% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.877, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Barium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

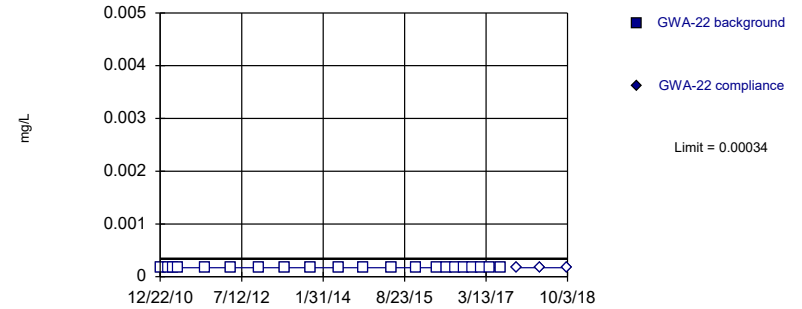


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

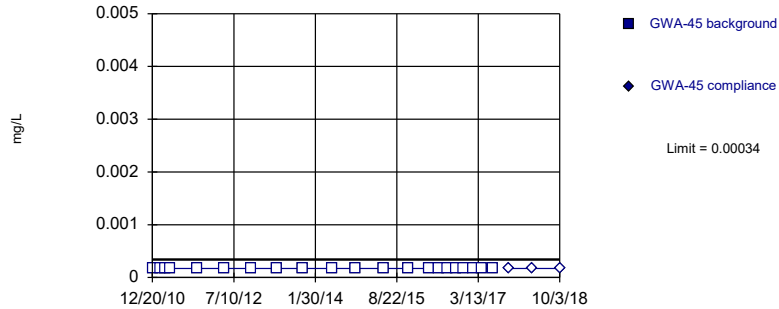


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

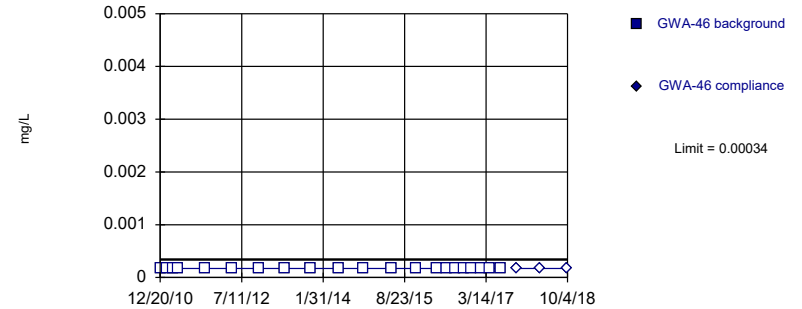


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

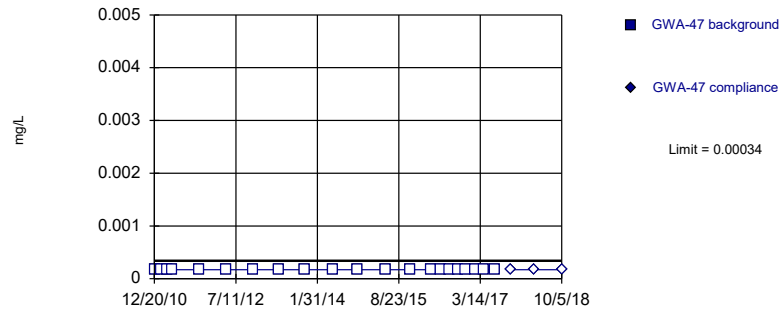


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

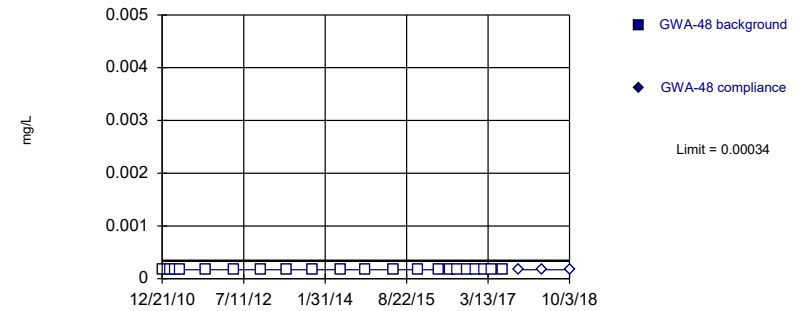


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

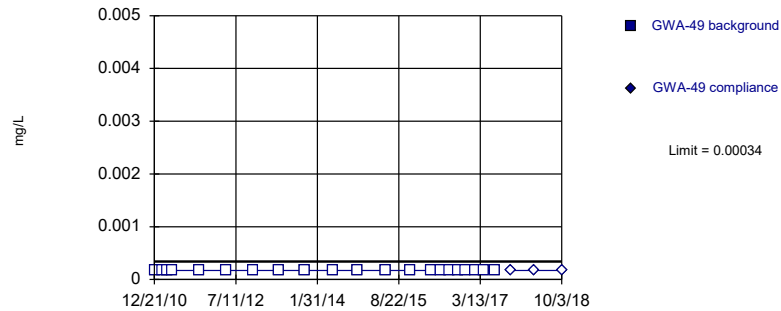


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

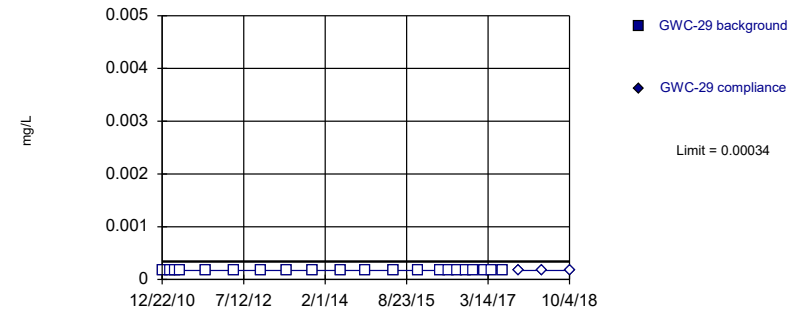


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

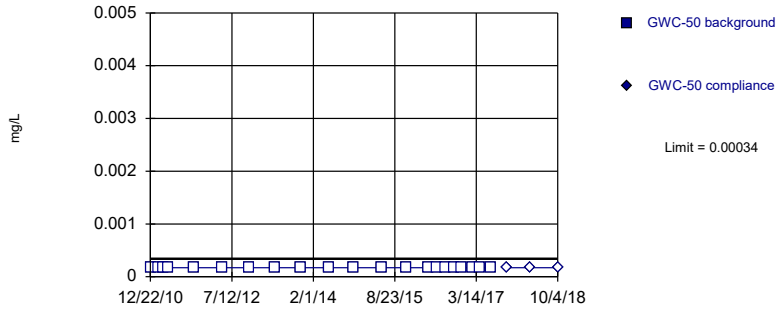


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

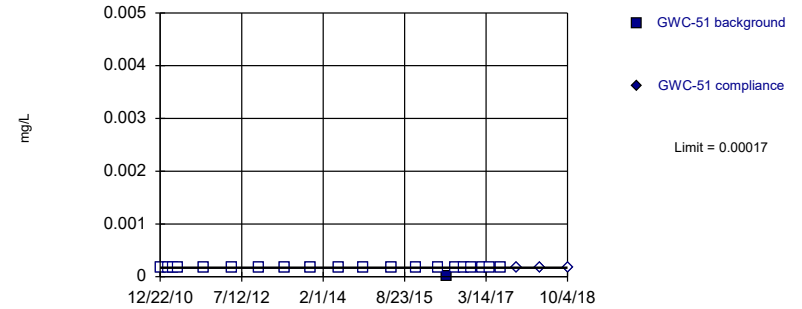


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

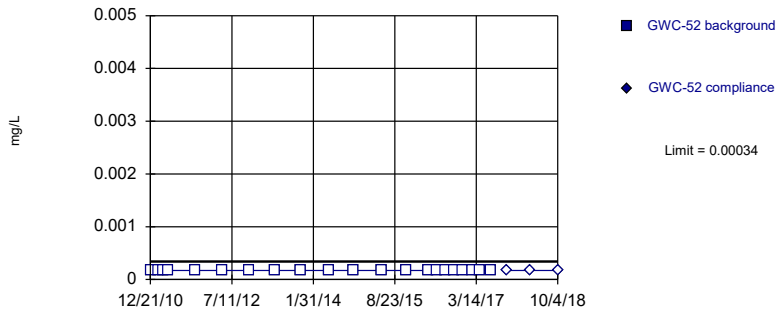


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

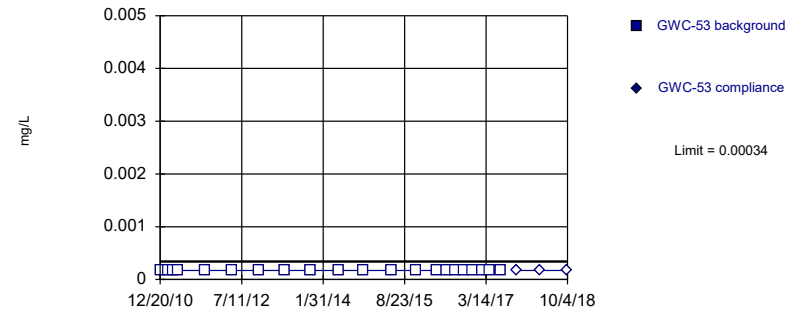


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

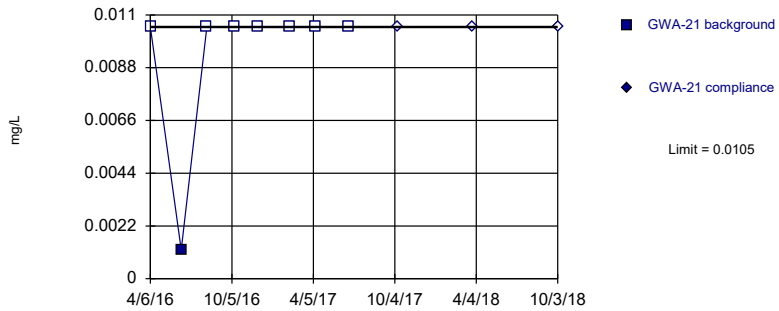
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Beryllium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

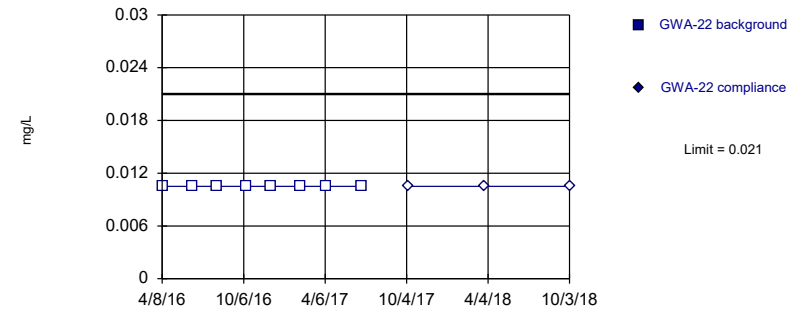
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality; data were not deseasonalized.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

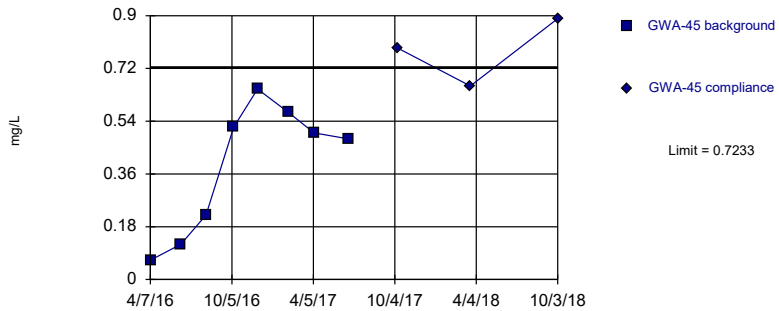
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality; data were not deseasonalized.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

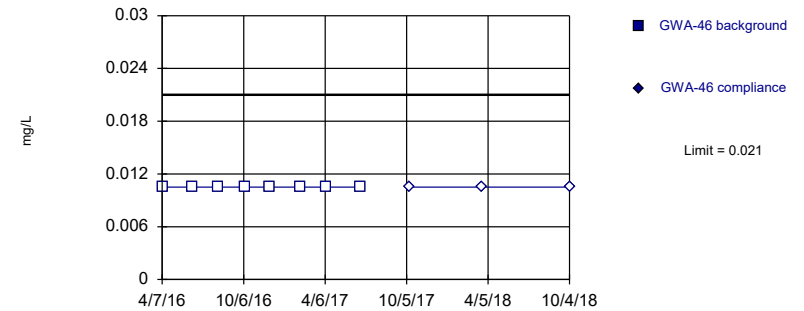
Exceeds Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.3907, Std. Dev.=0.2217, n=8. Insufficient data to test for seasonality; data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8773, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric

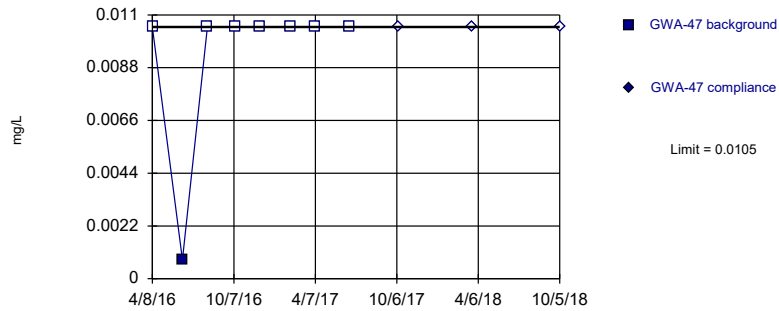


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality; data were not deseasonalized.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

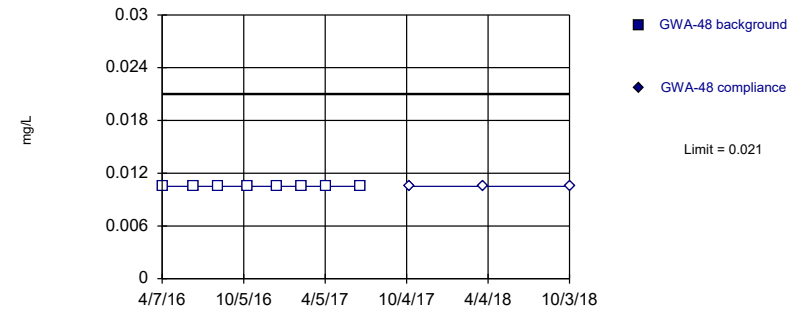


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality; data were not deseasonalized.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

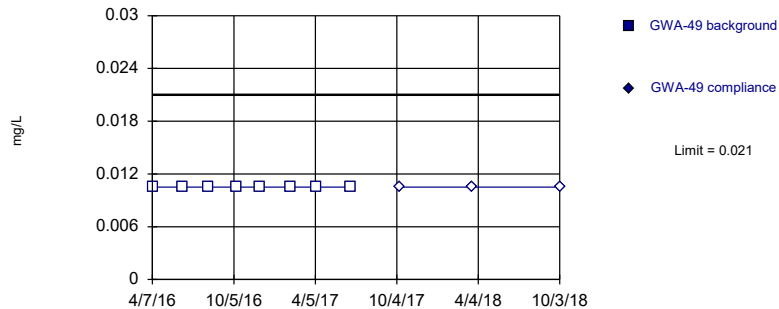


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality; data were not deseasonalized.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

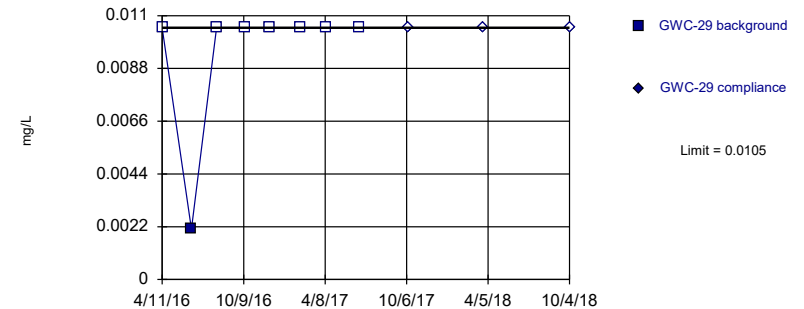


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality; data were not deseasonalized.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

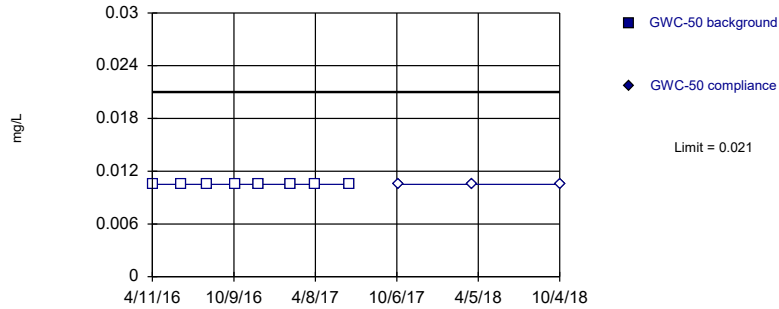
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality; data were not deseasonalized.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

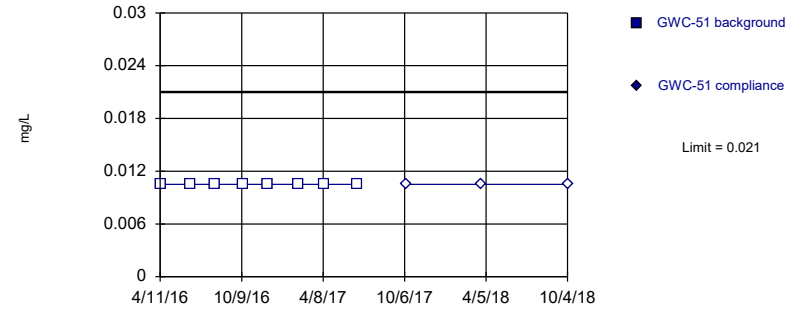
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

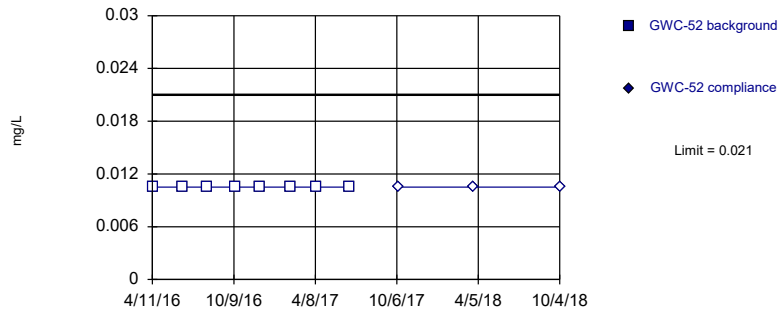
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

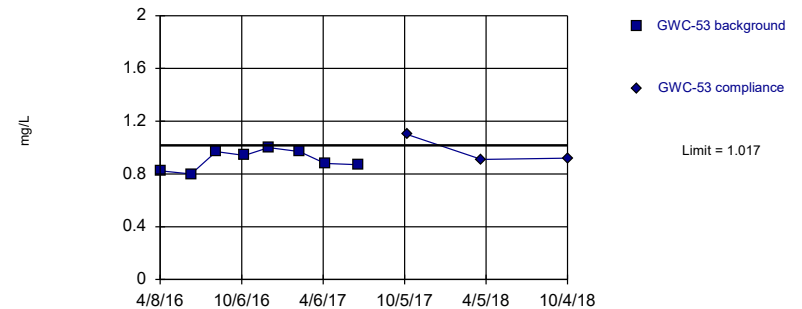
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

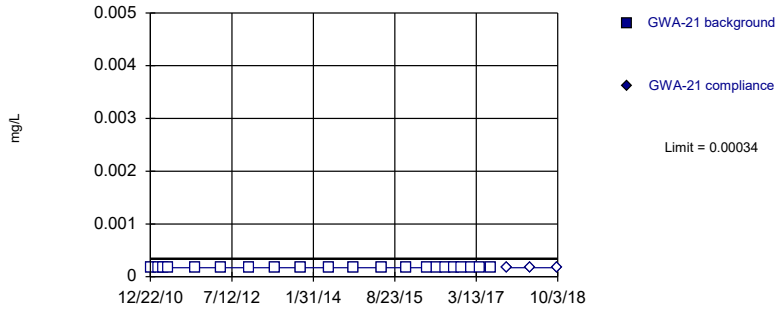
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.9068, Std. Dev.=0.07379, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9277, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Boron Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

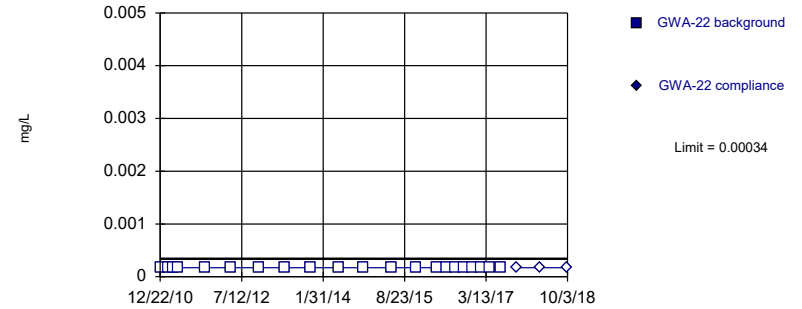
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

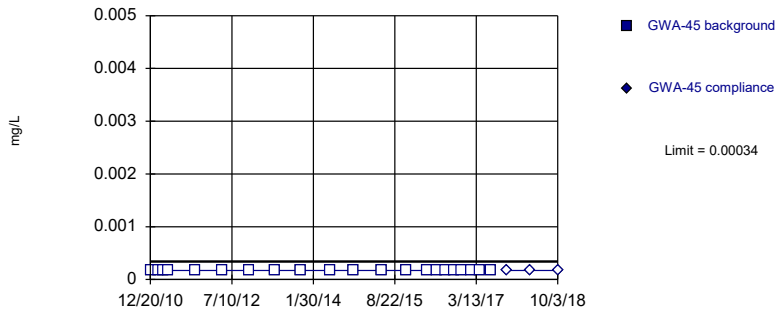
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

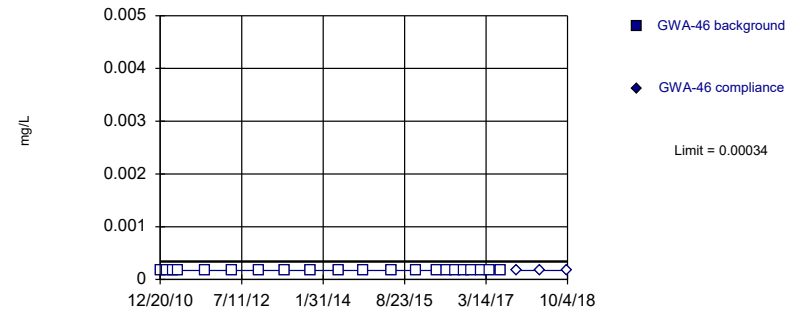
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:17 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric

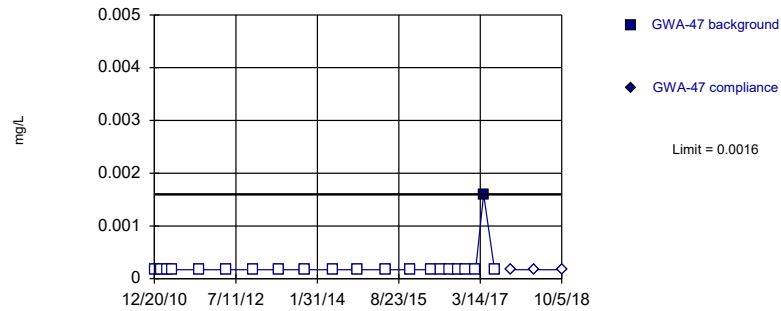


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

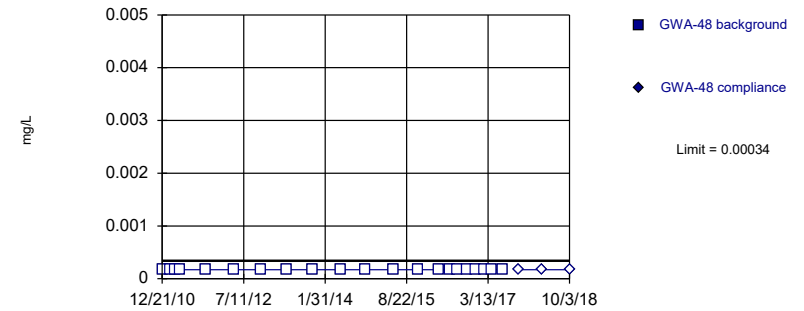


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

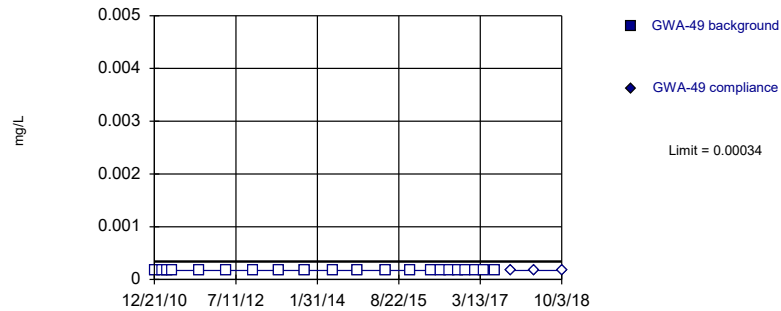


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

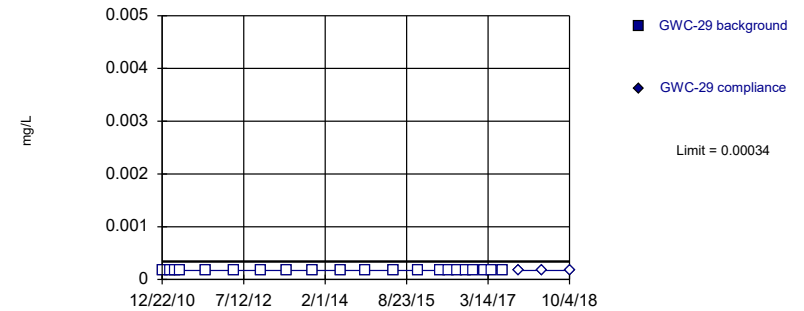


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

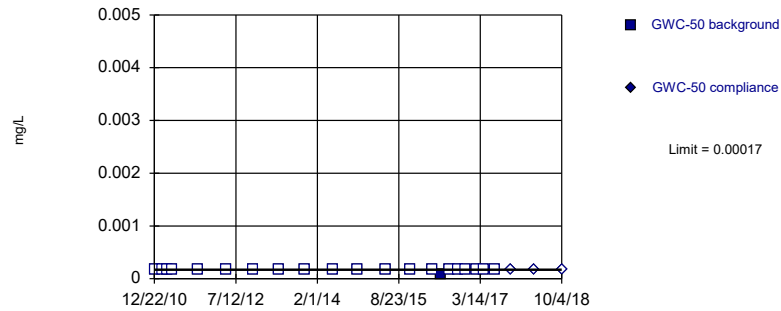


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

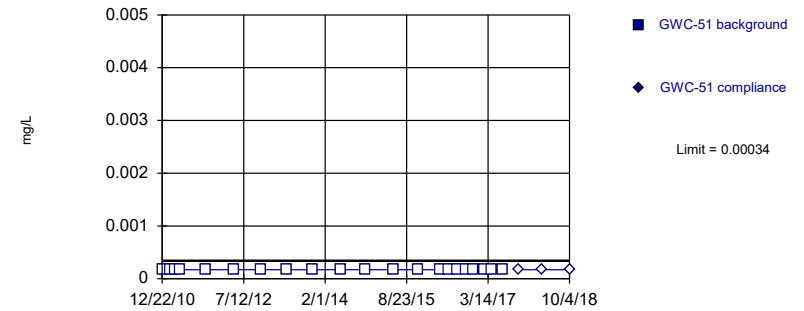


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

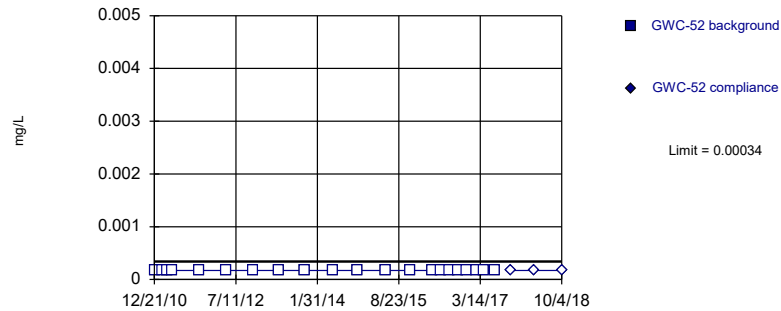


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

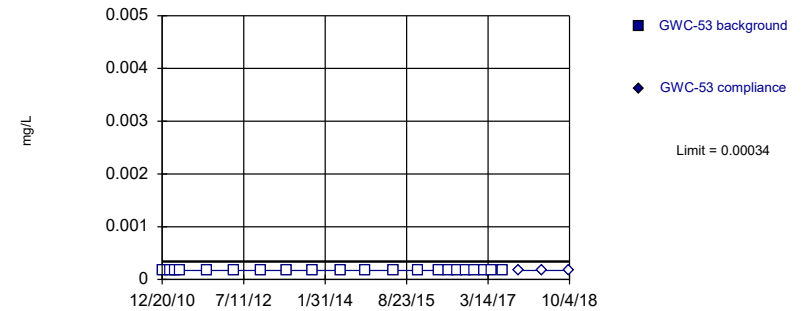


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

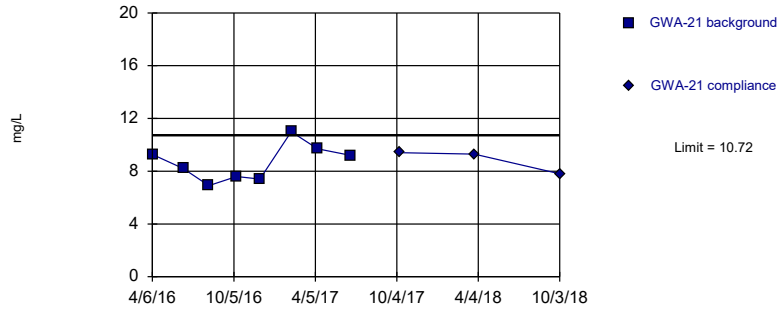
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cadmium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

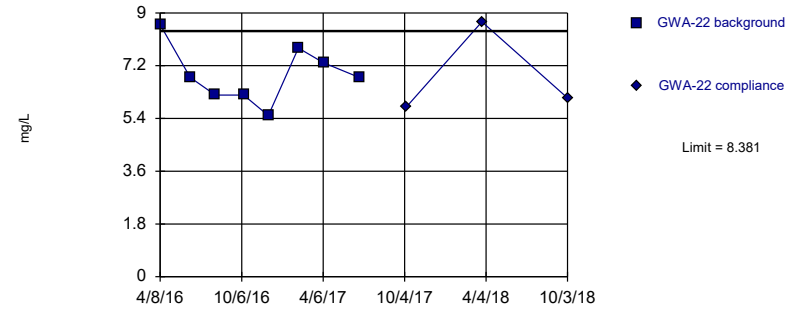
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=8.659, Std. Dev.=1.375, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9551, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

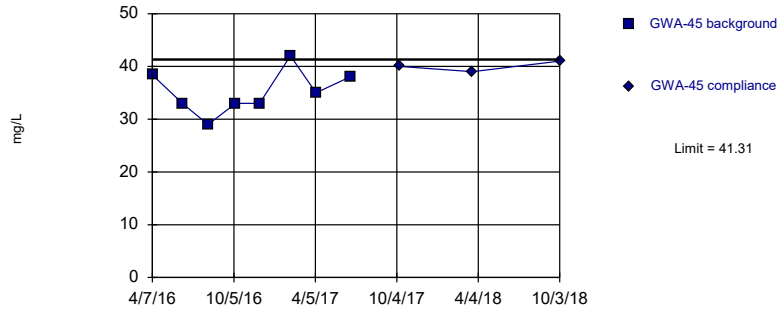
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.9, Std. Dev.=0.9871, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9715, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

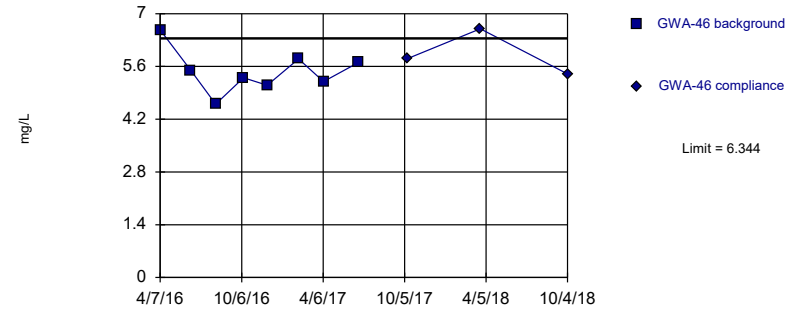
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=35.16, Std. Dev.=4.102, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9526, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

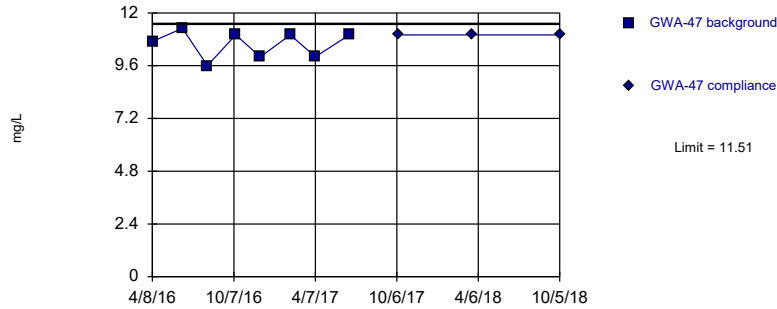
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=5.471, Std. Dev.=0.5817, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9654, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

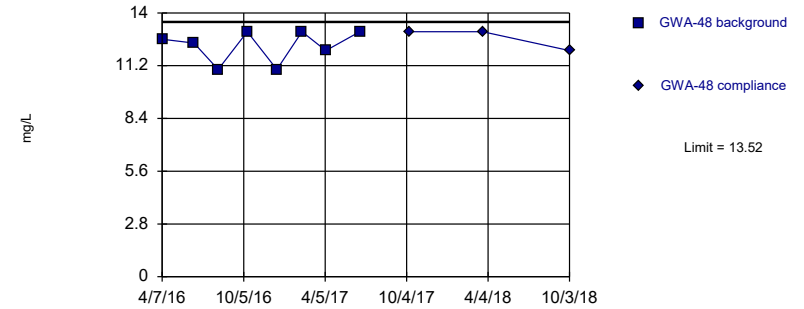
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=10.58, Std. Dev.=0.6205, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8759, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

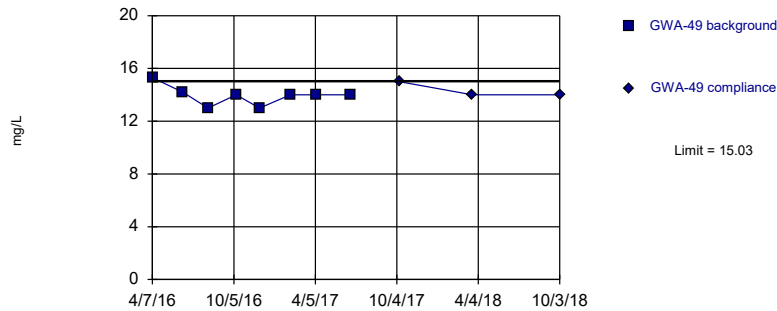
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=12.25, Std. Dev.=0.8468, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8199, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

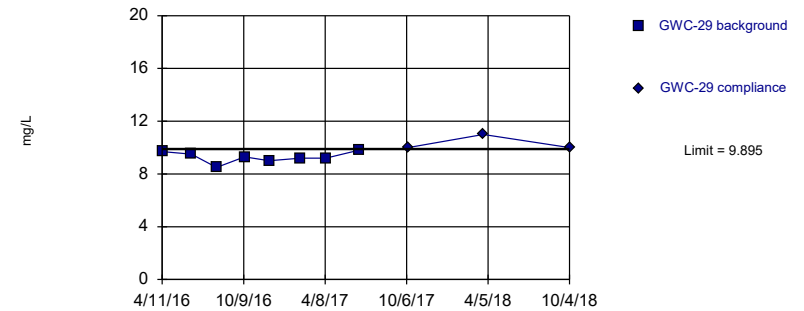
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=13.94, Std. Dev.=0.7269, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8486, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

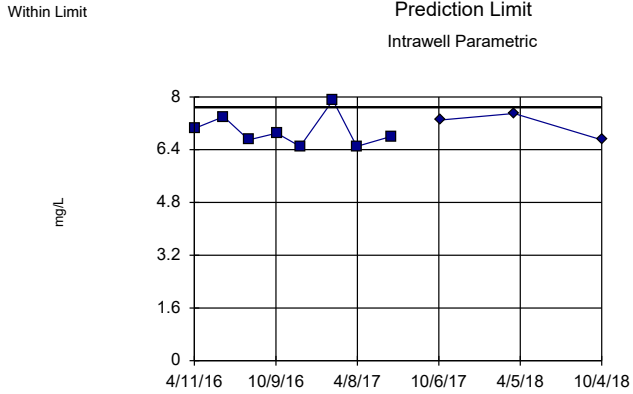
Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit Prediction Limit
Intrawell Parametric



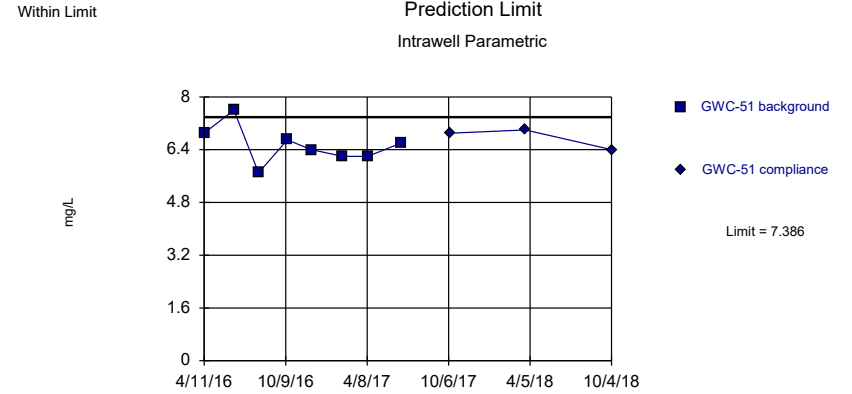
Background Data Summary: Mean=9.275, Std. Dev.=0.4132, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9512, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR



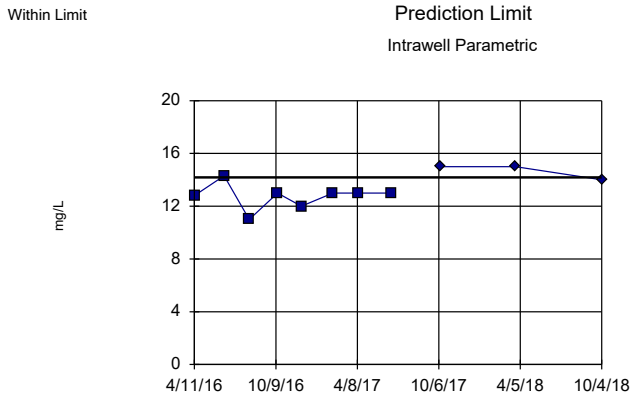
Background Data Summary: Mean=6.968, Std. Dev.=0.4786, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8936, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR



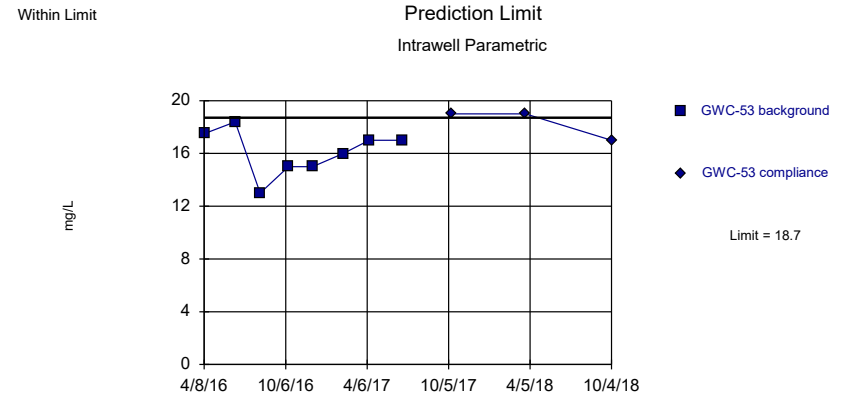
Background Data Summary: Mean=6.538, Std. Dev.=0.5655, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9649, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR



Background Data Summary: Mean=12.76, Std. Dev.=0.9471, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8784, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

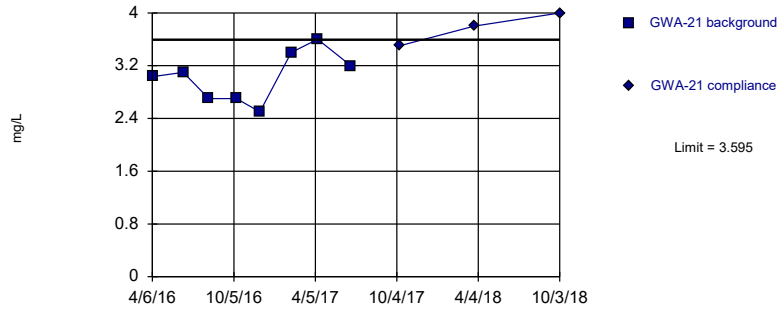


Background Data Summary: Mean=16.11, Std. Dev.=1.728, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.953, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Calcium Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

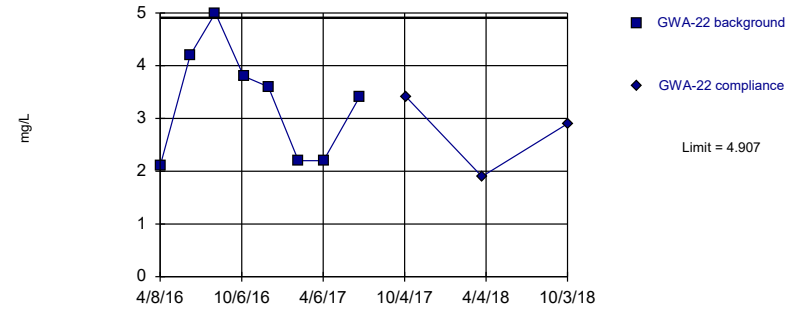


Background Data Summary: Mean=3.029, Std. Dev.=0.3769, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9621, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

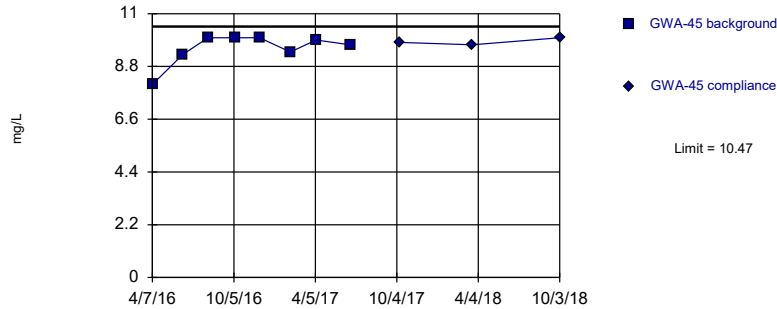


Background Data Summary: Mean=3.313, Std. Dev.=1.063, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9068, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

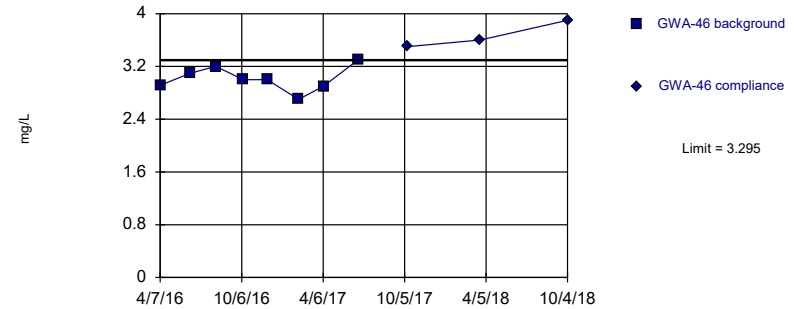


Background Data Summary (based on square transformation): Mean=91.47, Std. Dev.=12.03, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7639, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

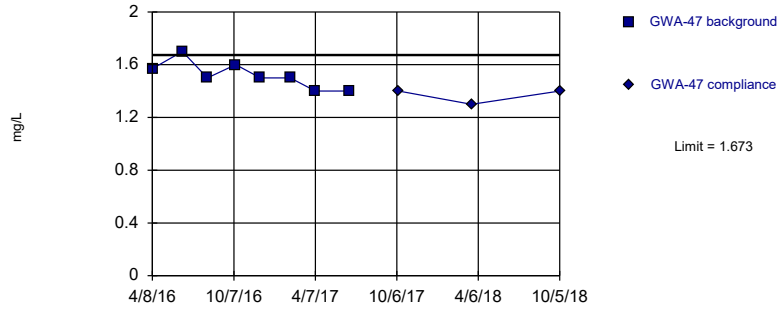
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.014, Std. Dev.=0.1874, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9788, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

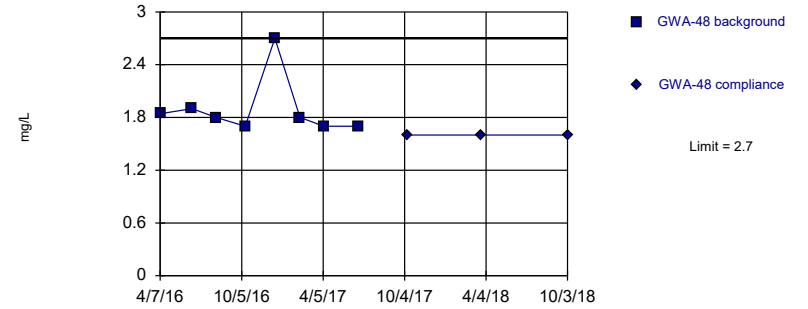
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.521, Std. Dev.=0.1009, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9268, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

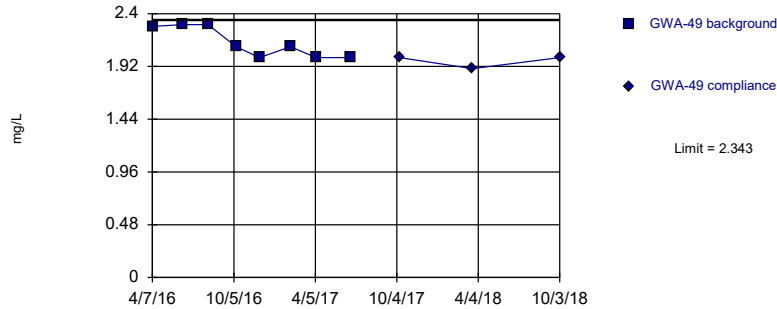
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

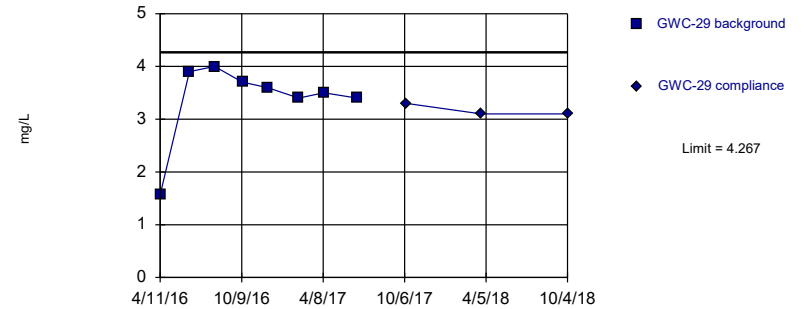
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.136, Std. Dev.=0.1384, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7934, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

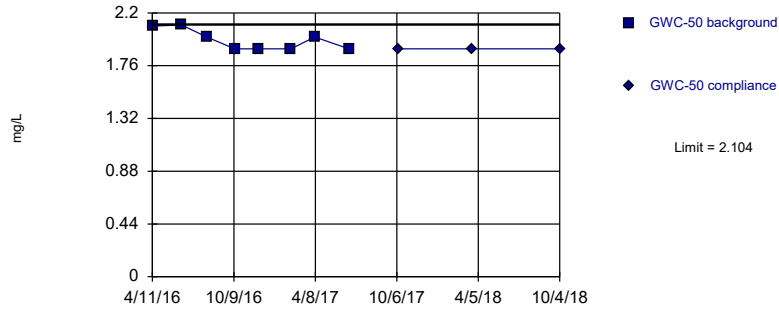
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on square transformation): Mean=11.96, Std. Dev.=4.165, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.784, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

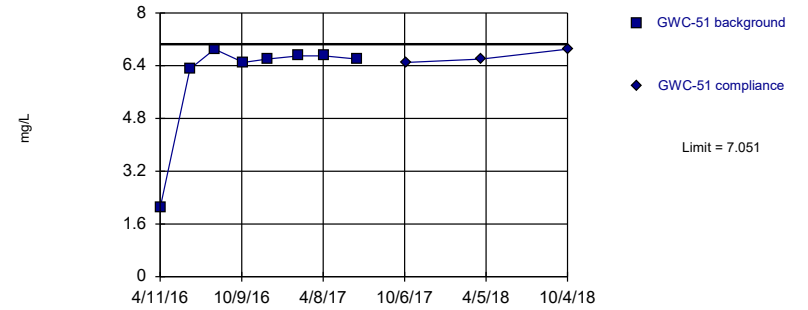
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.974, Std. Dev.=0.08667, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7929, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

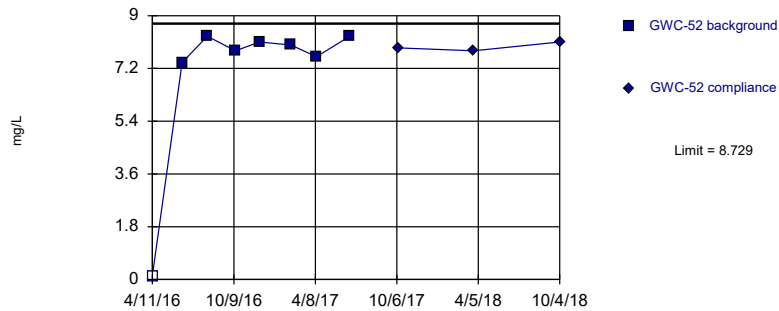
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on x^6 transformation): Mean=74021, Std. Dev.=32600, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7912, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

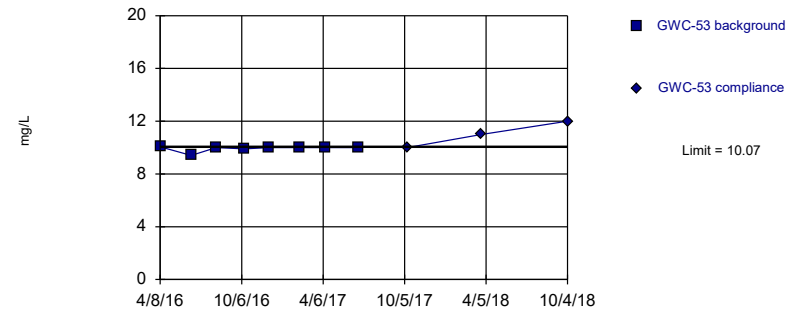
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on x^4 transformation): Mean=3491, Std. Dev.=1543, n=8, 12.5% NDs. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7841, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

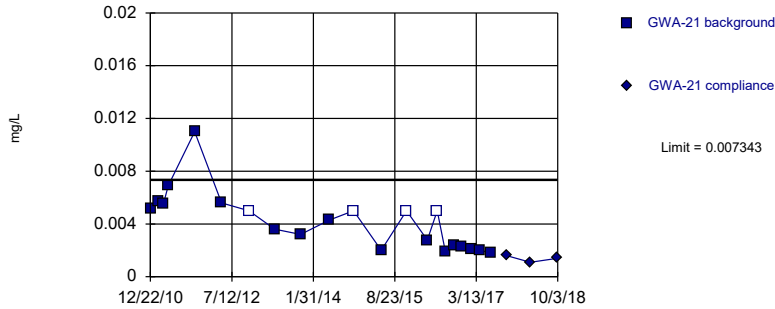
Exceeds Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Chloride Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

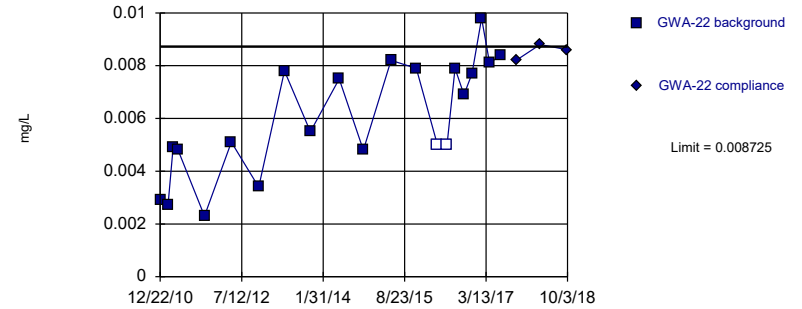
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on square root transformation) (after Aitchison's Adjustment): Mean=0.04941, Std. Dev.=0.02916, n=21, 19.05% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9084, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

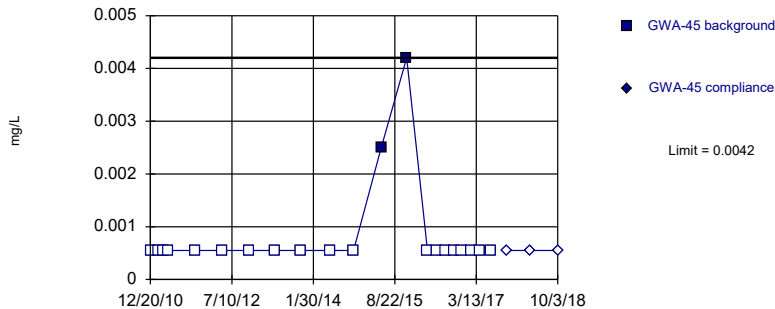
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.006029, Std. Dev.=0.002167, n=21, 9.524% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9297, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

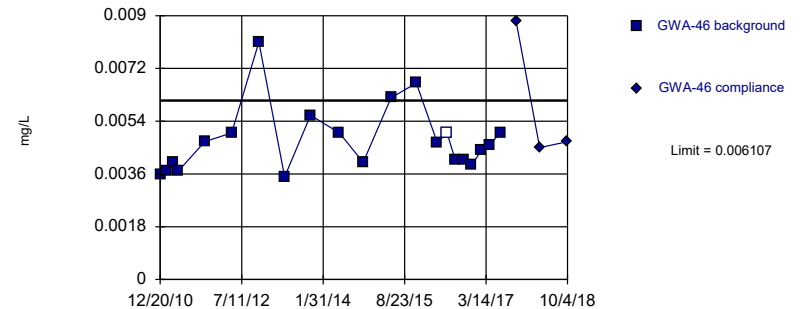
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric



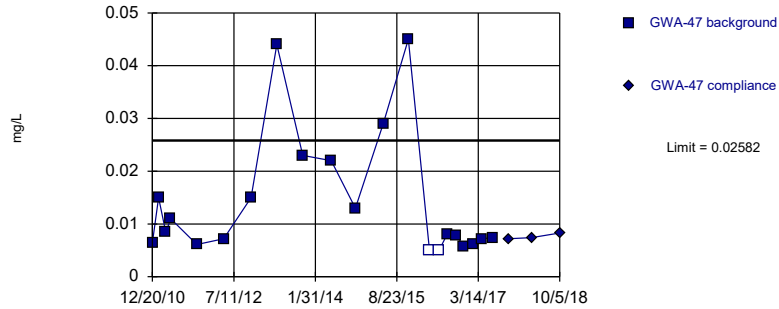
Background Data Summary (based on square root transformation): Mean=0.06844, Std. Dev.=0.007808, n=21, 4.762% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8926, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.6.12 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



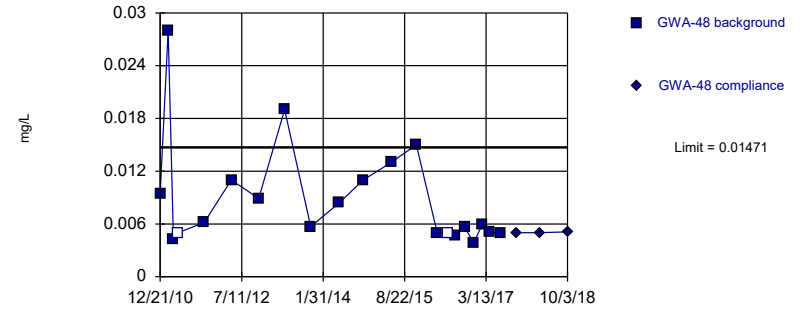
Background Data Summary (based on natural log transformation): Mean=-4.516, Std. Dev.=0.6905, n=21, 9.524% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8836, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.6.12 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



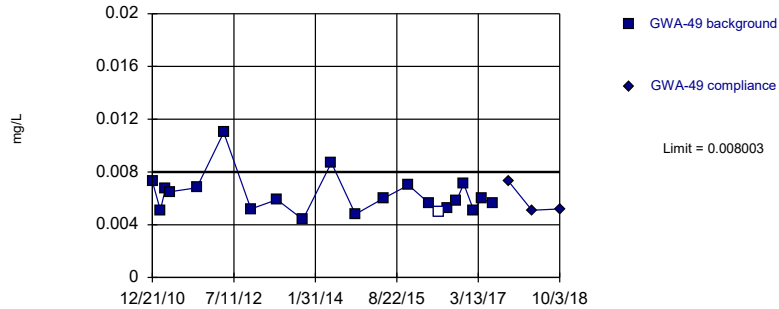
Background Data Summary (based on natural log transformation): Mean=-4.89, Std. Dev.=0.5392, n=21, 9.524% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8964, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.6.12 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



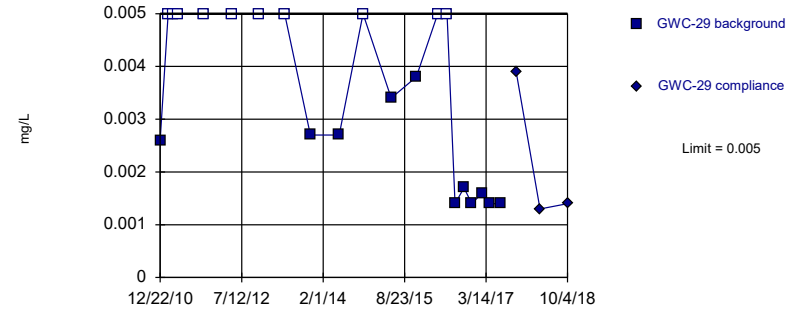
Background Data Summary (based on square root transformation): Mean=0.07848, Std. Dev.=0.008828, n=21, 4.762% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8909, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.6.12 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



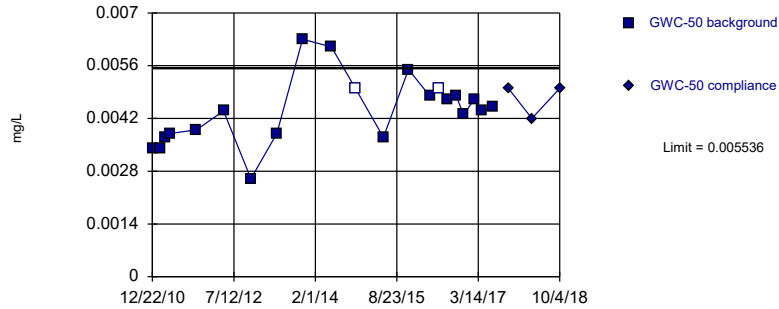
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 47.62% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.6.12 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



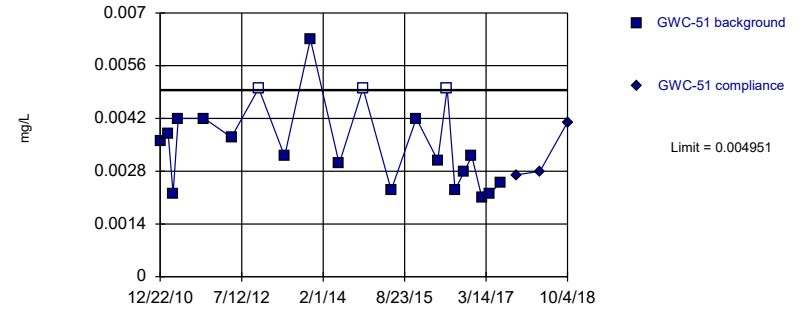
Background Data Summary: Mean=0.004419, Std. Dev.=0.0008979, n=21, 9.524% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9708, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.6.12 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



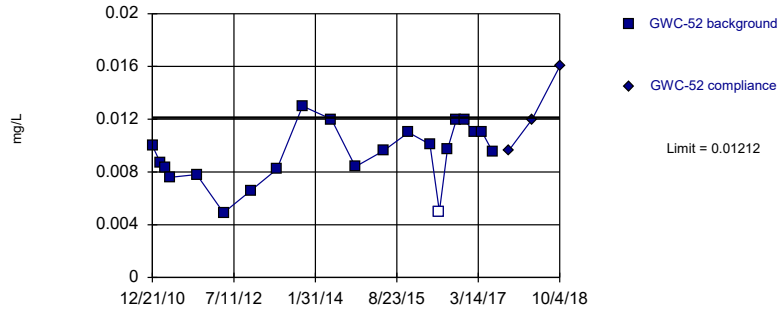
Background Data Summary: Mean=0.003519, Std. Dev.=0.001151, n=21, 14.29% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9297, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.6.12 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit
Intrawell Parametric



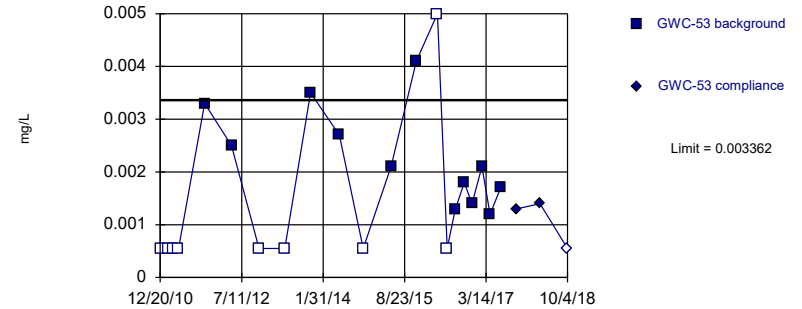
Background Data Summary: Mean=0.009352, Std. Dev.=0.002228, n=21, 4.762% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9613, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.6.12 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric

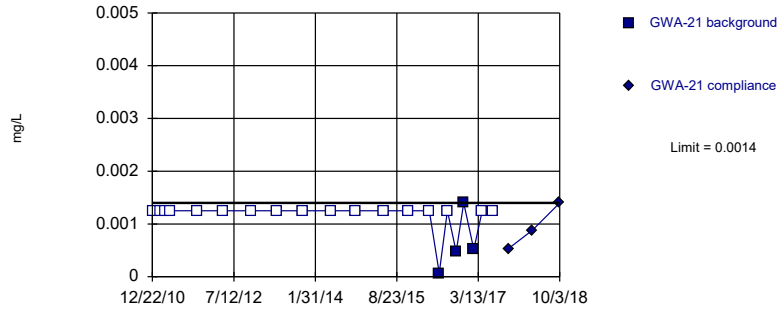


Background Data Summary (based on square root transformation) (after Aitchison's Adjustment): Mean=0.02695, Std. Dev.=0.02494, n=21, 42.86% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8839, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Chromium, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

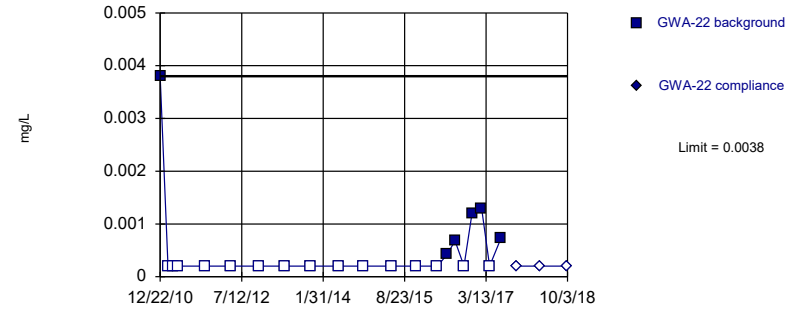


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

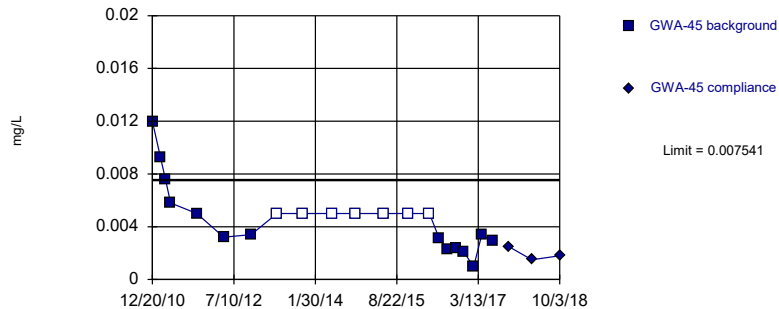


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

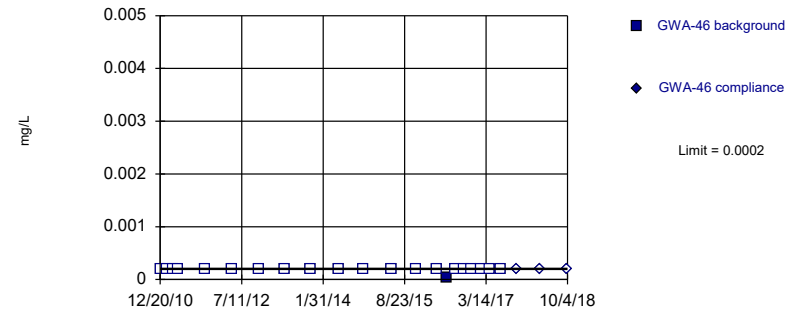


Background Data Summary (based on square root transformation) (after Aitchison's Adjustment): Mean=0.04269, Std. Dev.=0.03549, n=21, 33.33% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9396, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

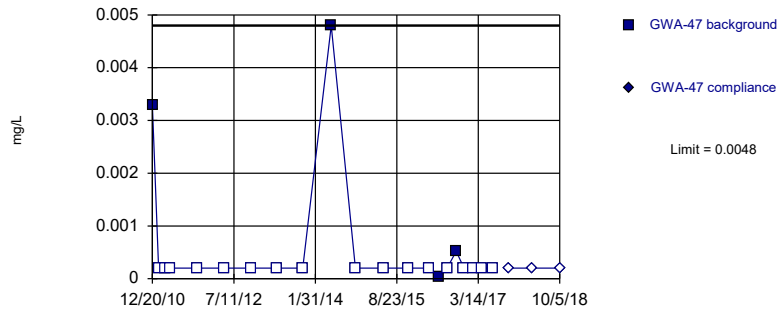


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

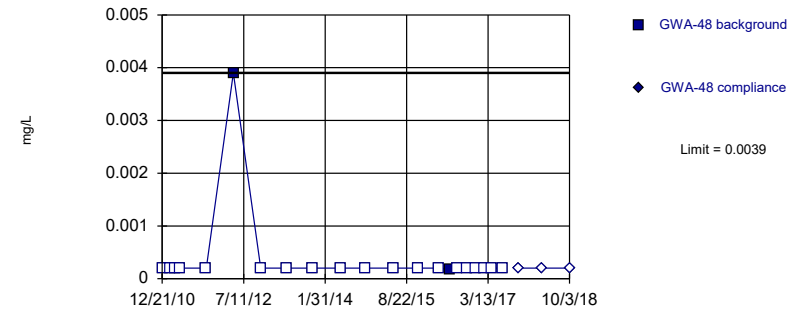


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

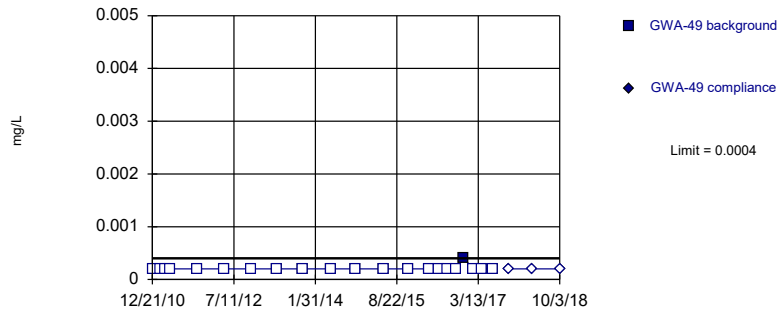


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

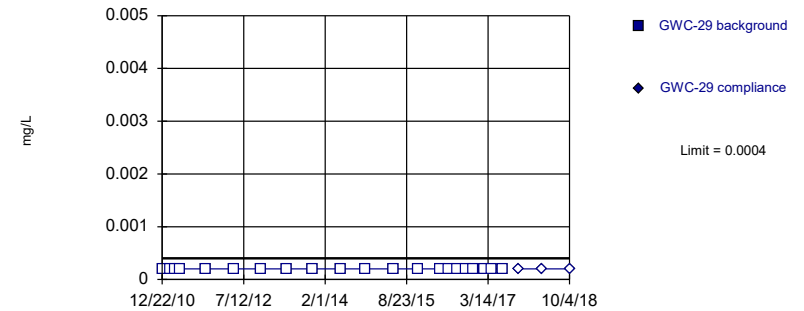


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

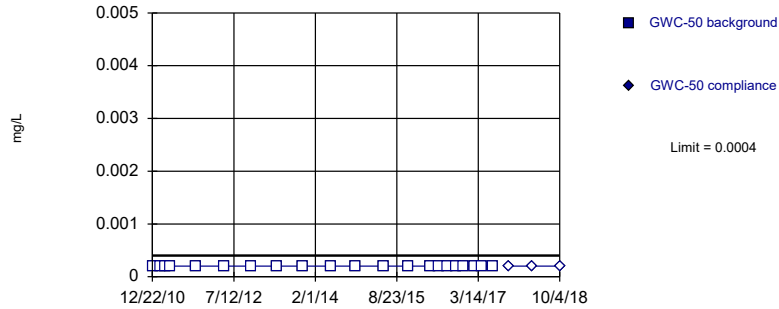
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

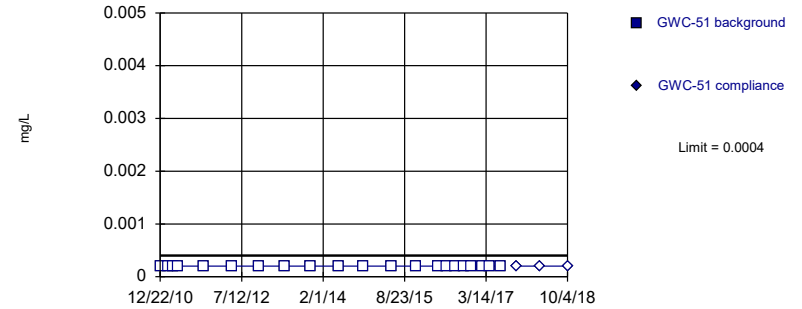
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

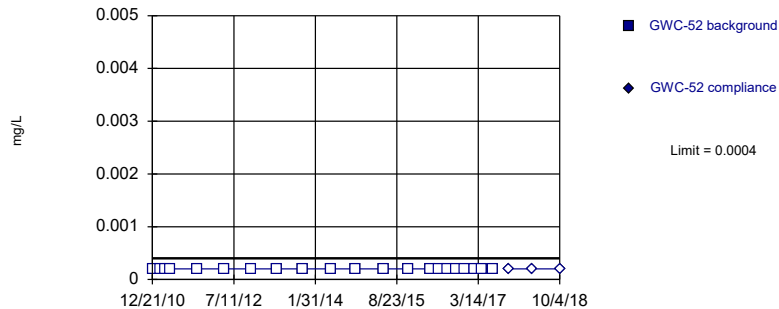
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

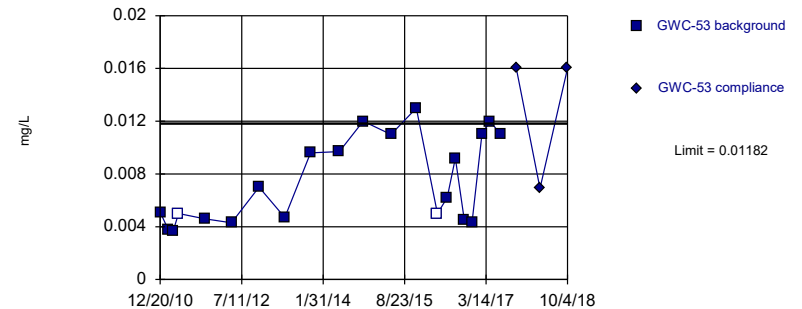
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit Prediction Limit
Intrawell Parametric

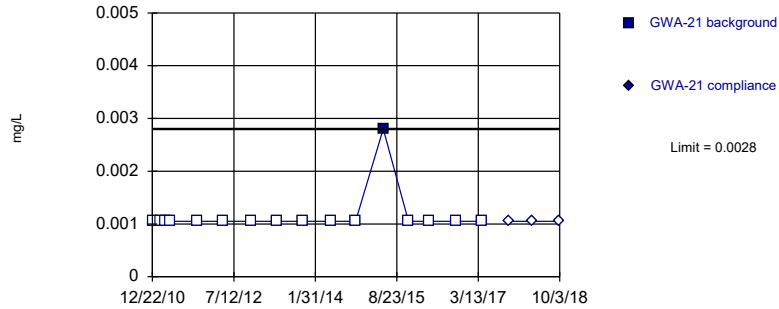


Background Data Summary (based on natural log transformation): Mean=-4.992, Std. Dev.=0.4453, n=21, 9.524% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8749, critical = 0.873. Kappa = 1.244 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Cobalt, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

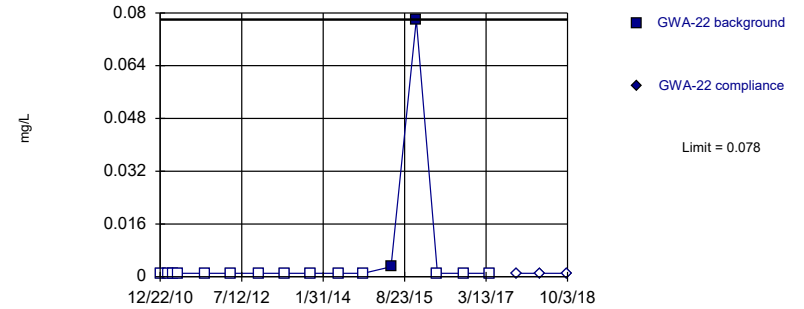


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Copper, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

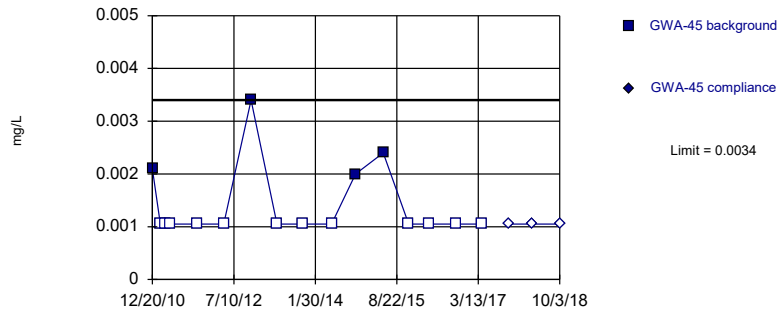


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Copper, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

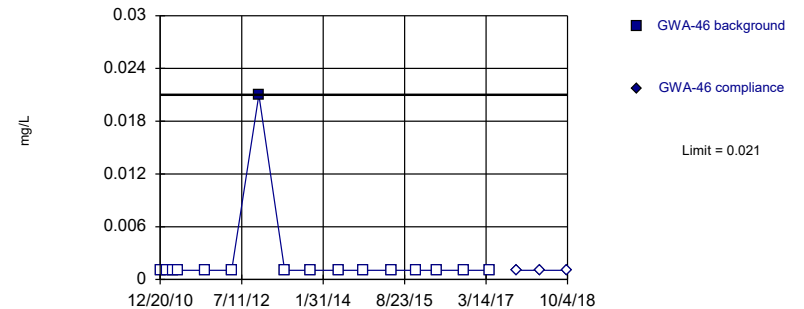


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Copper, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

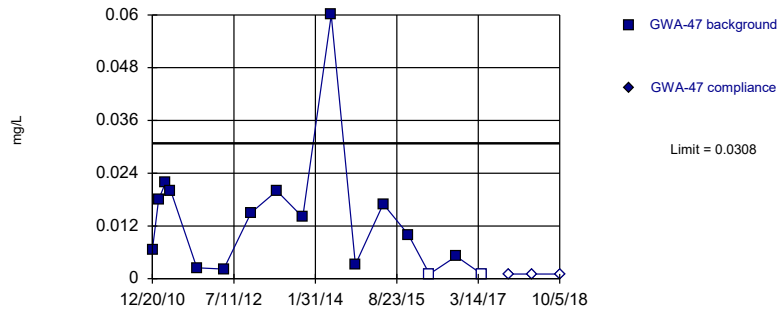


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Copper, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

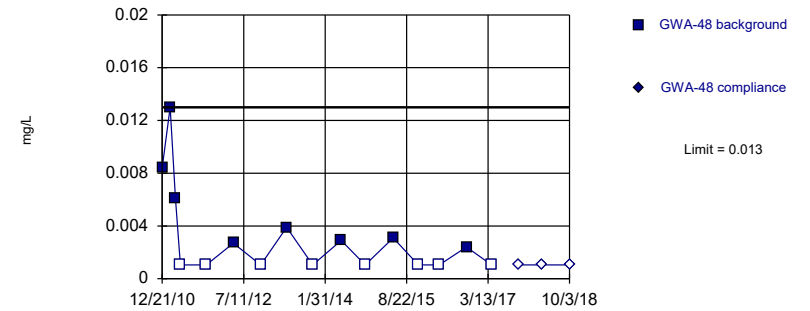


Background Data Summary (based on square root transformation): Mean=0.1032, Std. Dev.=0.05602, n=16, 12.5% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9115, critical = 0.844. Kappa = 1.29 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Copper, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

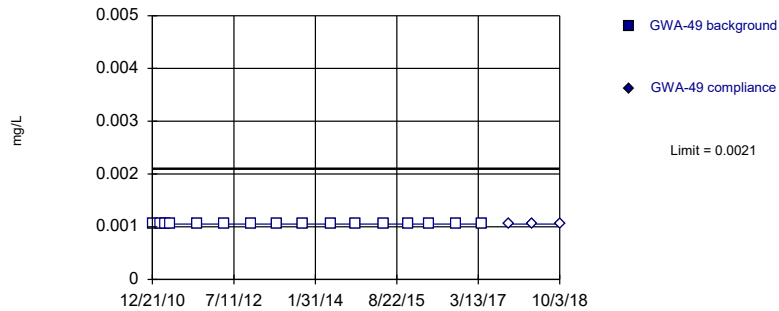


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 50% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Copper, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

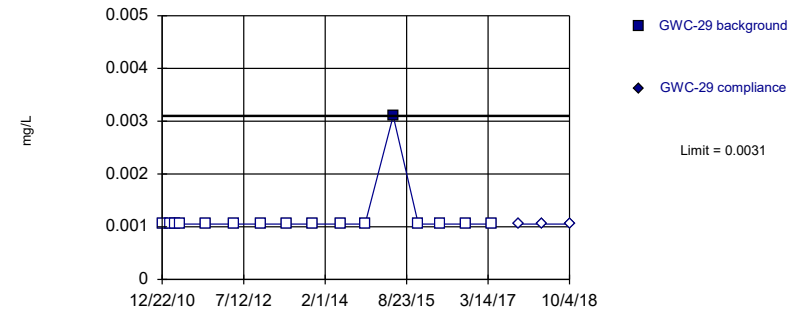


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Copper, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

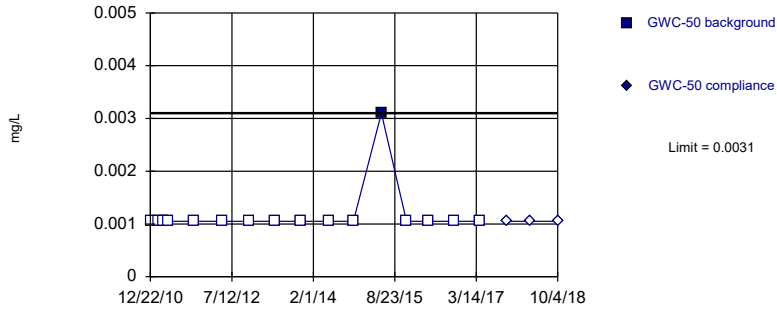


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Copper, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

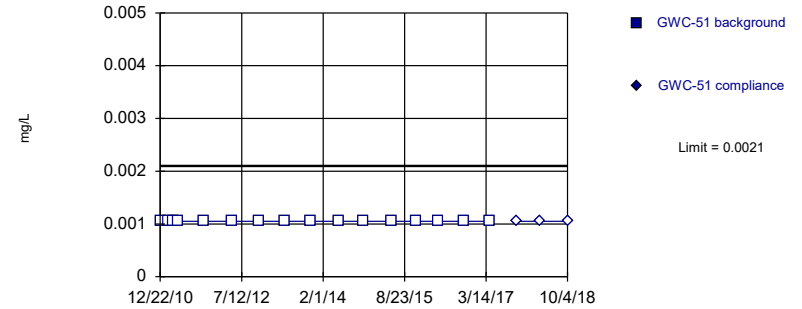


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Copper, Total Analysis Run 1/23/2019 4:18 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

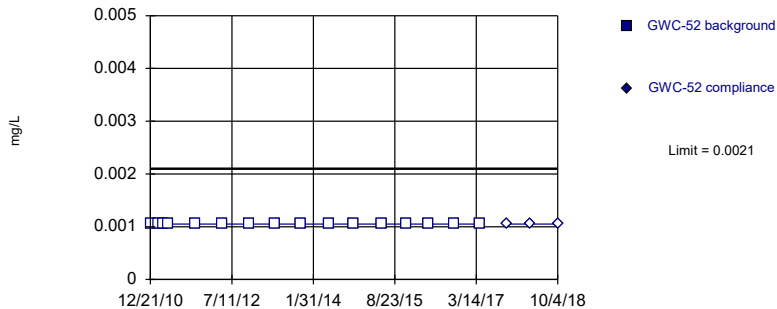


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Copper, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

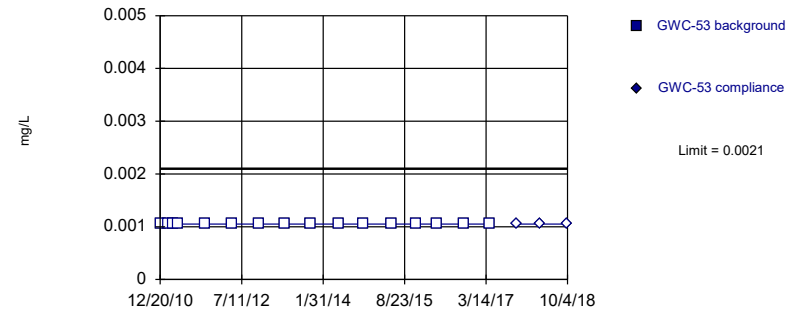


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Copper, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit Intrawell Non-parametric

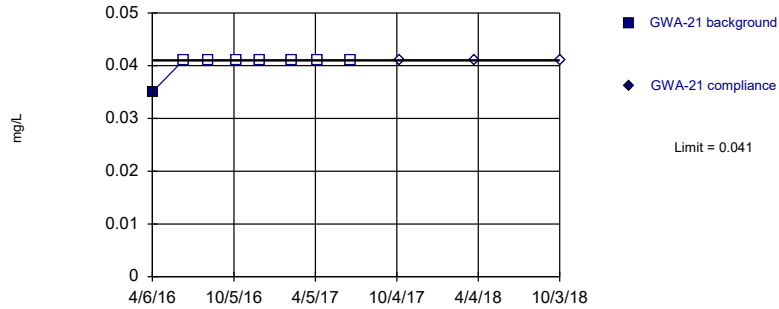


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Copper, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

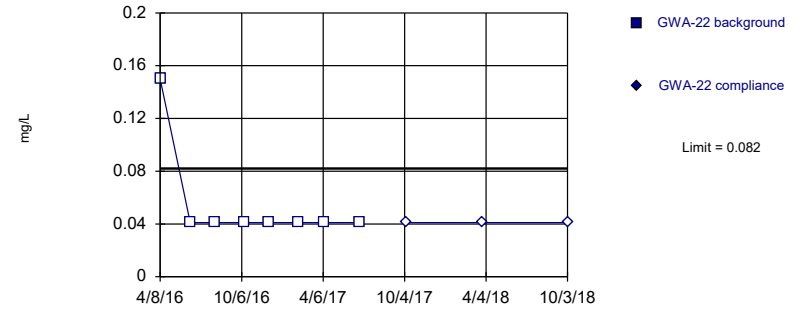


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality; data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

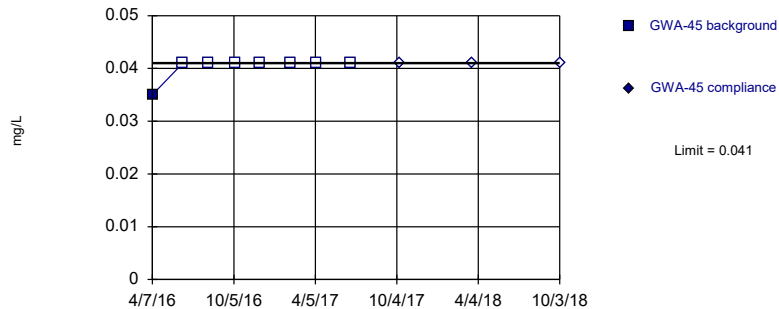


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality; data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

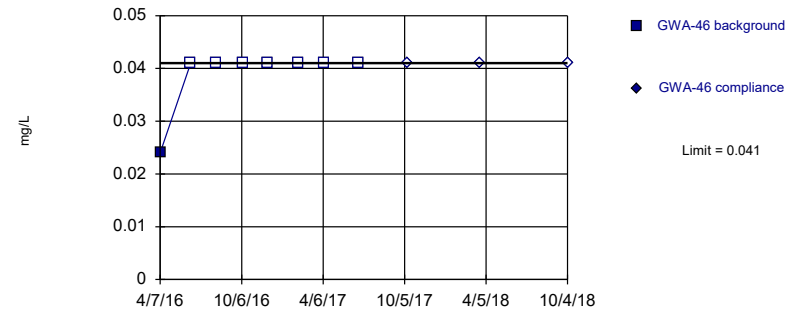


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality; data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

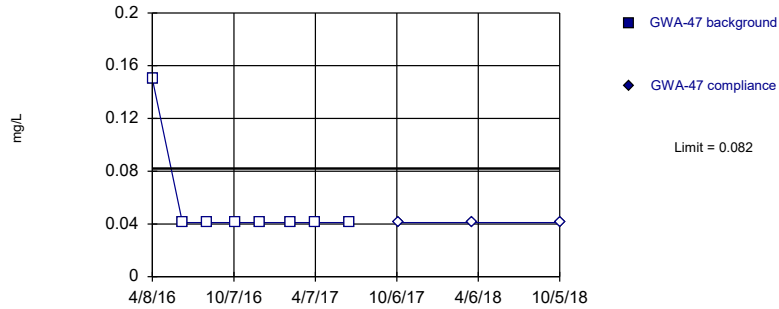


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality; data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

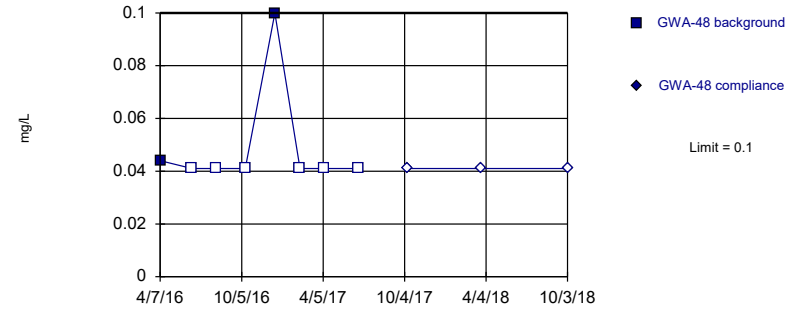


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

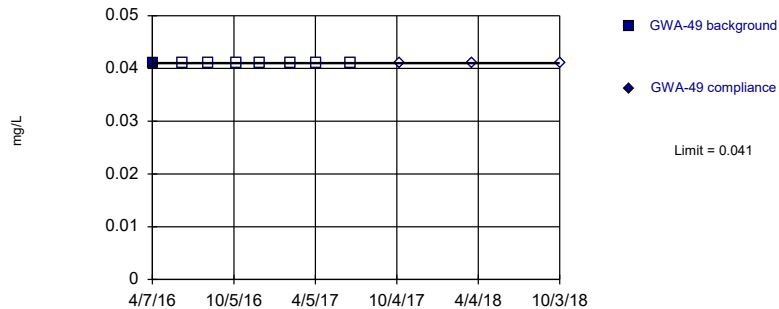


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

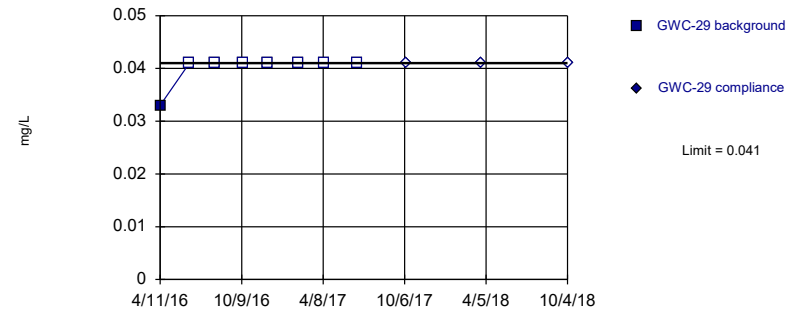


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

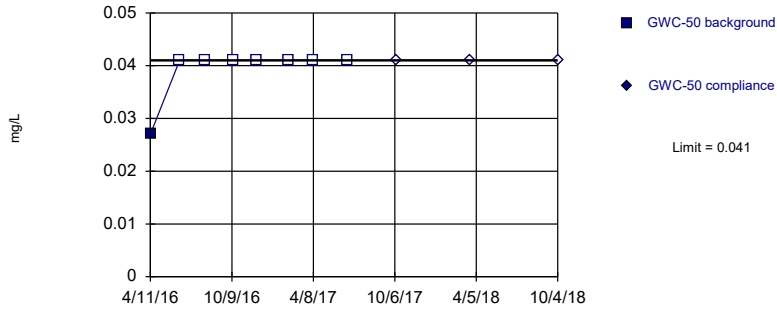


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

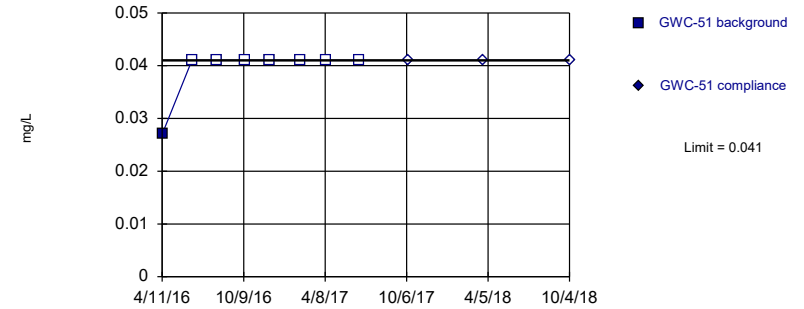


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

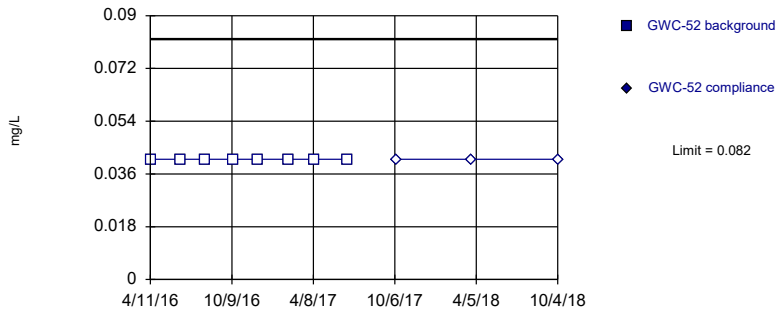


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

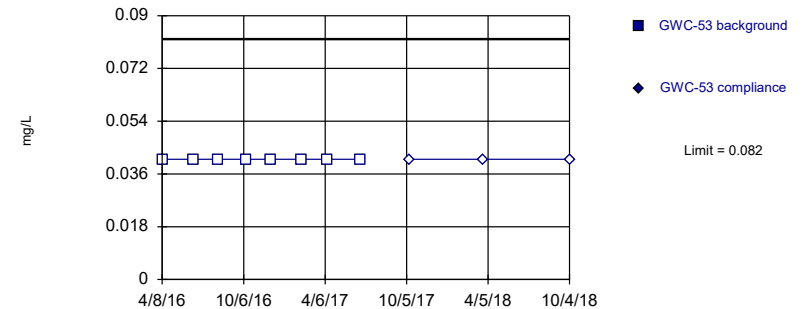


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

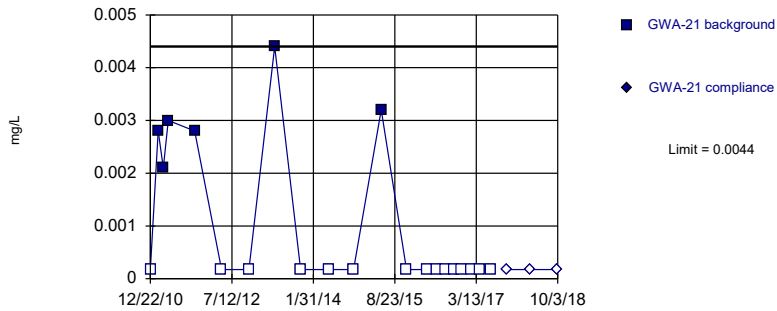
Prediction Limit
 Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Fluoride Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
 Scherer Client: Golder Associates Data: Scherer PAC_CCR

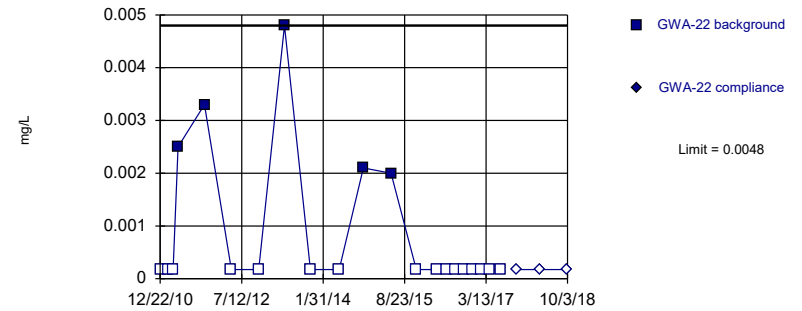
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

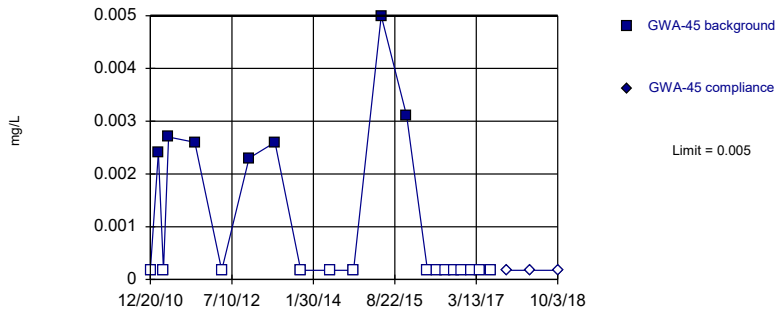
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

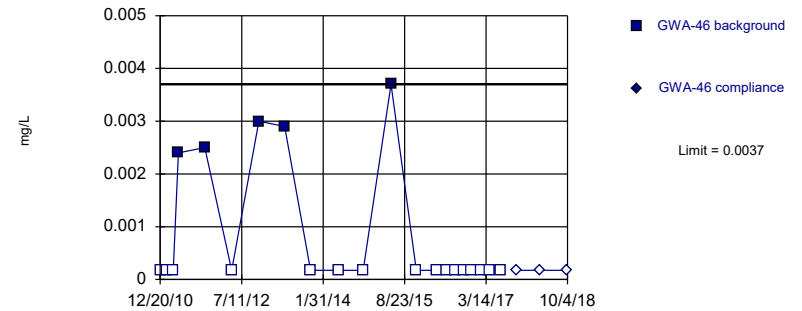
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric



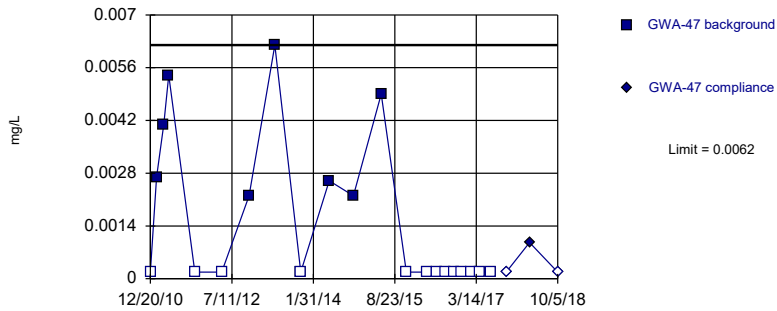
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.6.12 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



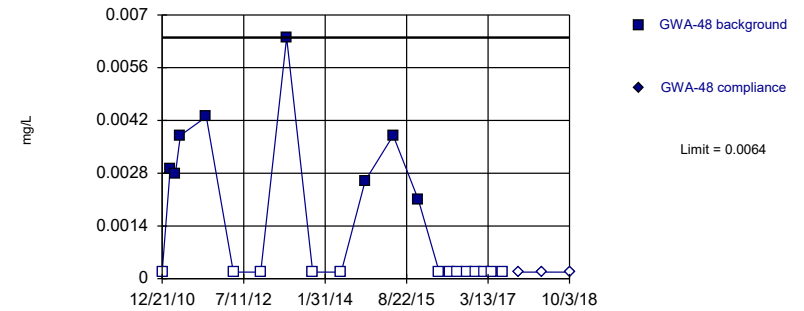
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.6.12 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



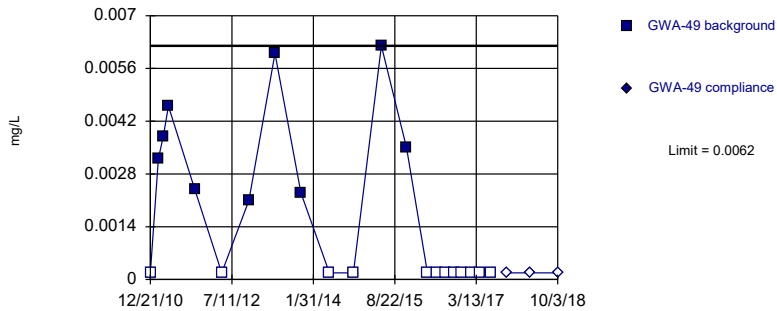
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.6.12 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



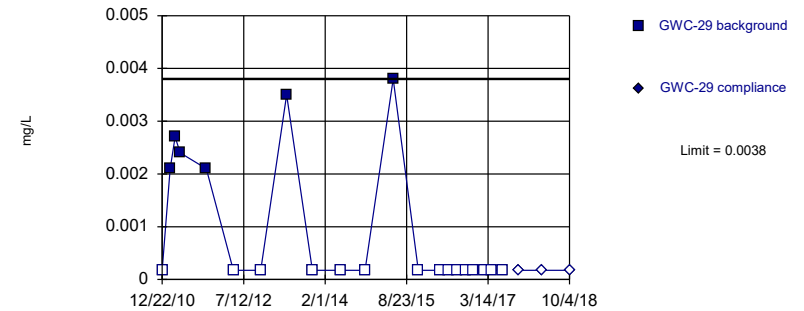
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 57.14% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.6.12 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

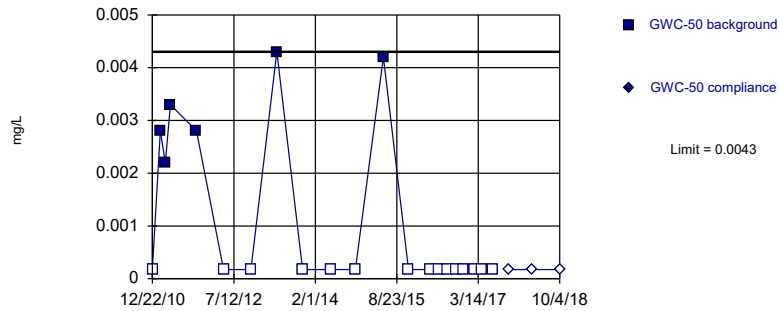


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

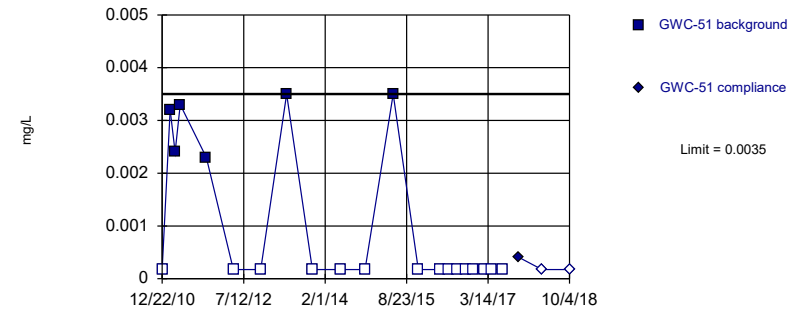


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

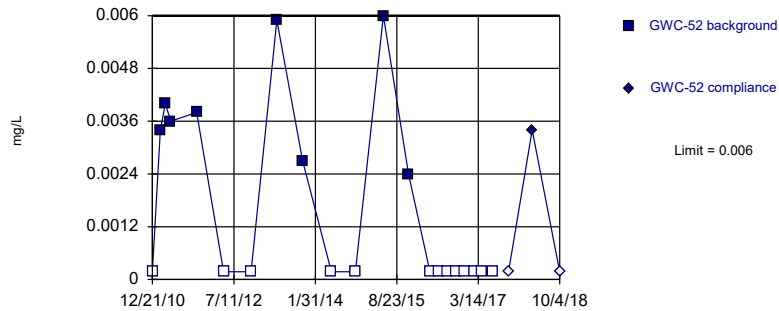


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

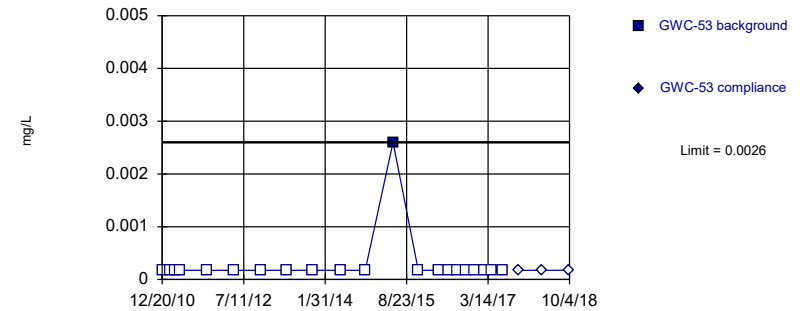


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

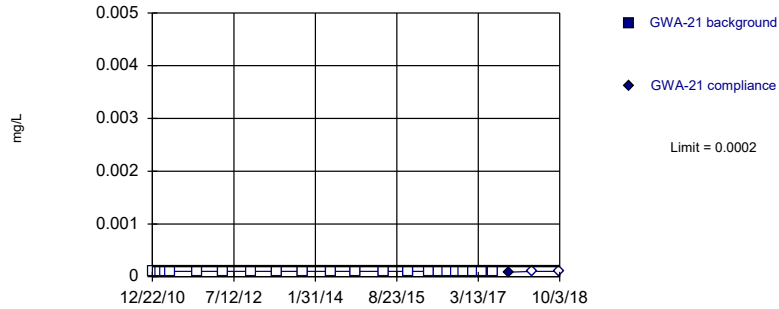
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

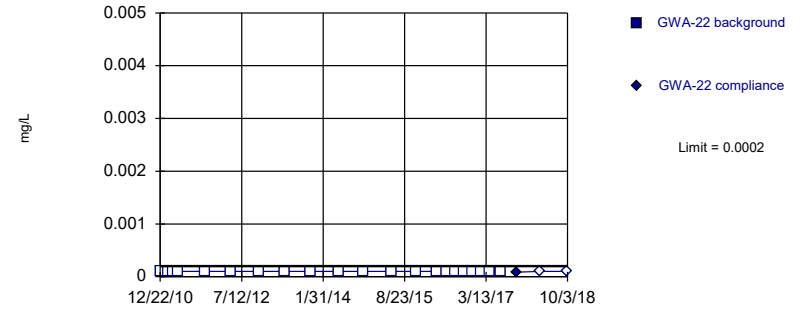
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

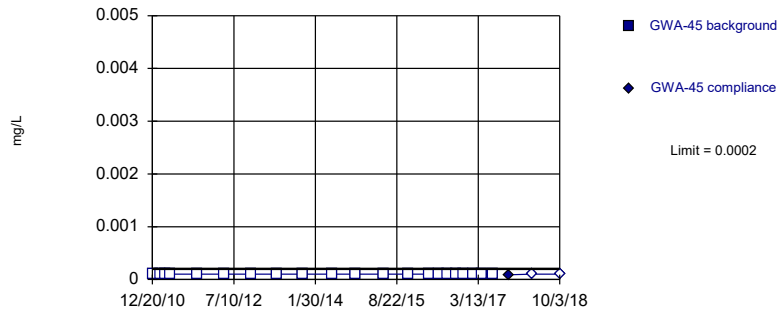
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

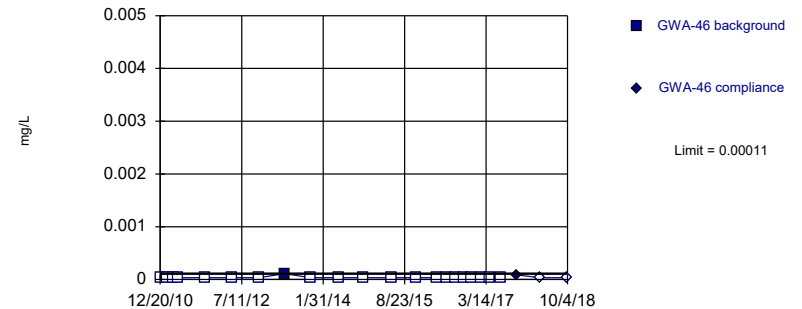
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Non-parametric

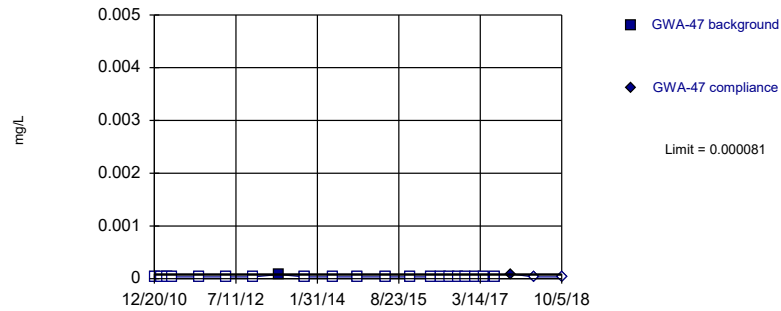


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

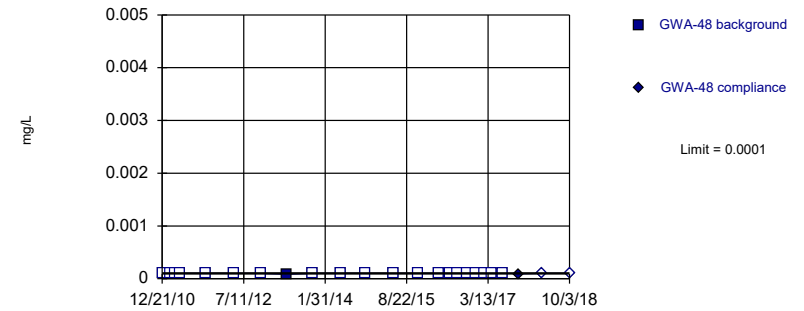


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

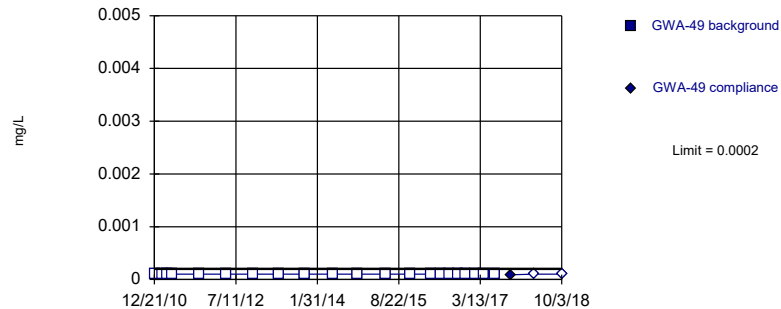


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

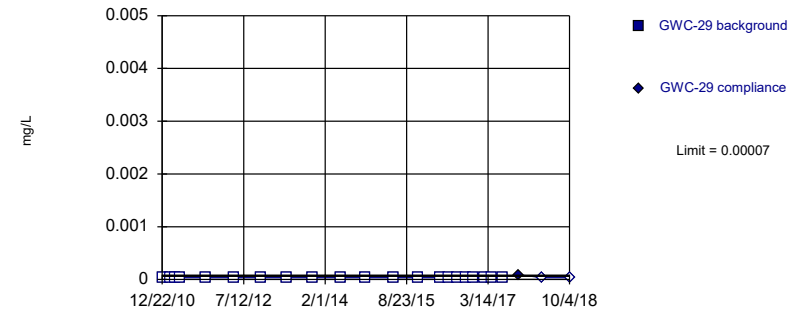


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

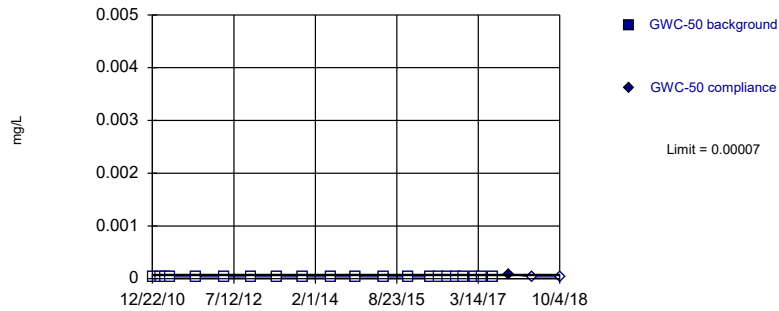


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

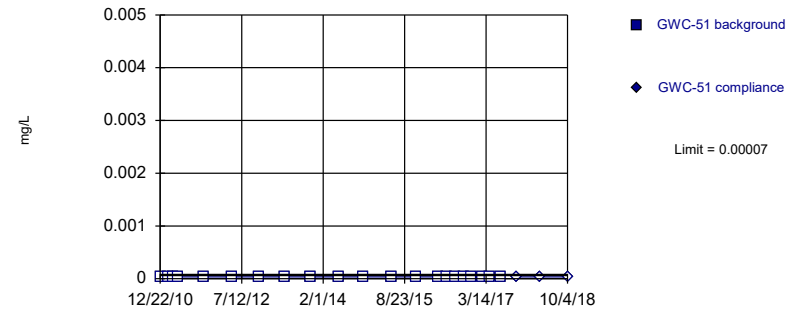


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

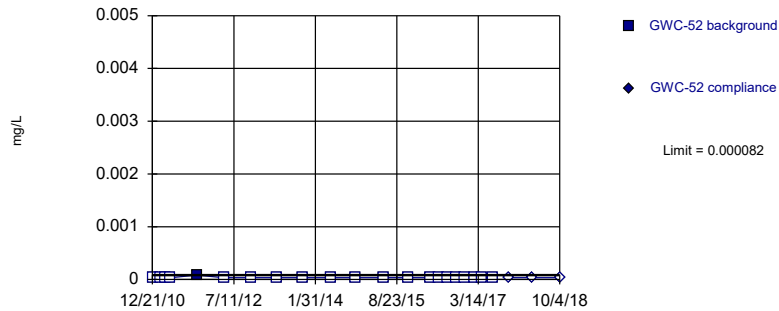


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

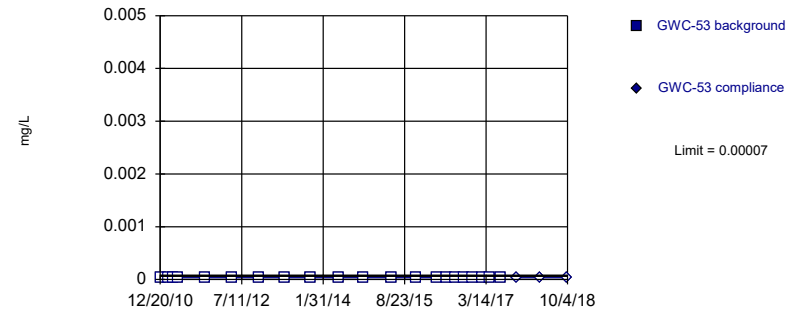


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

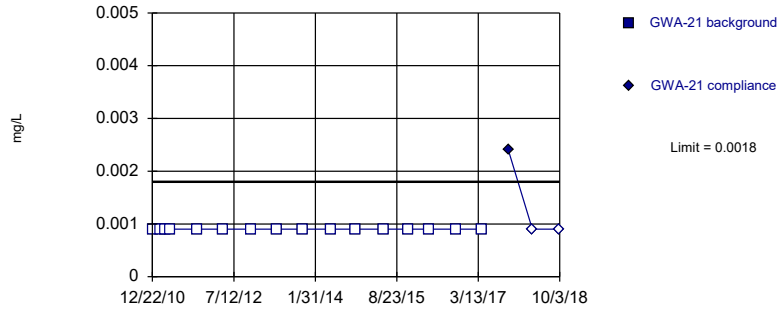


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Mercury, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

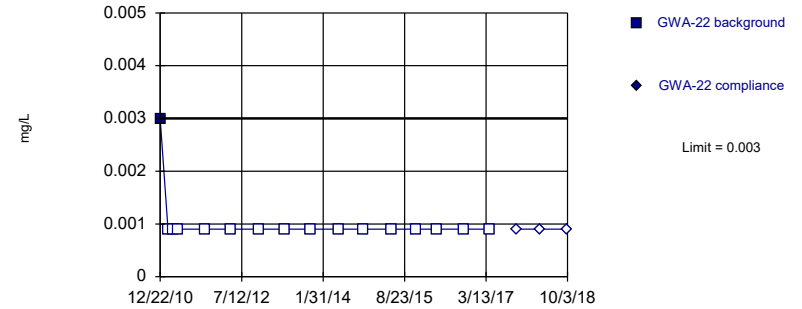


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

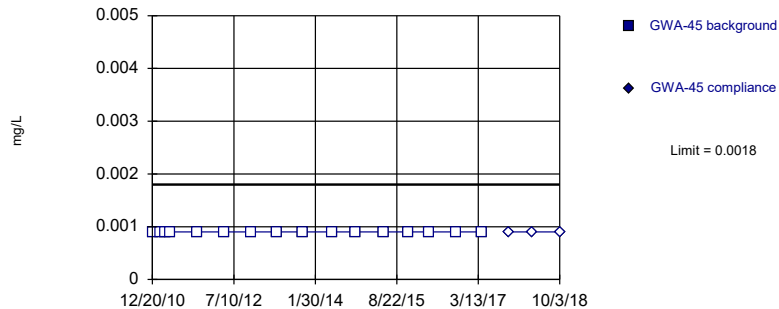


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

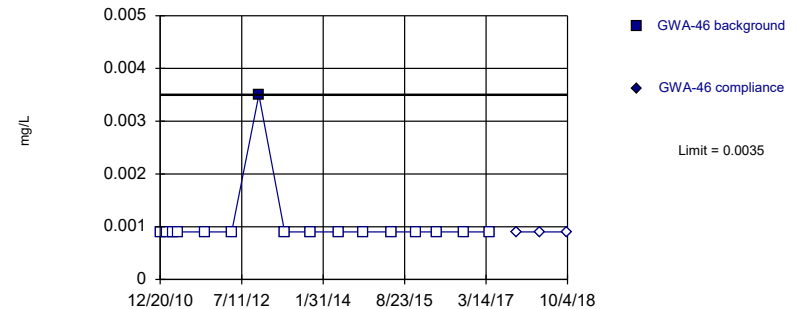


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

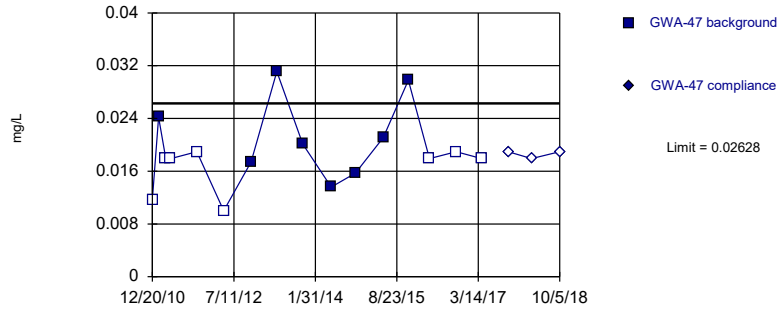


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

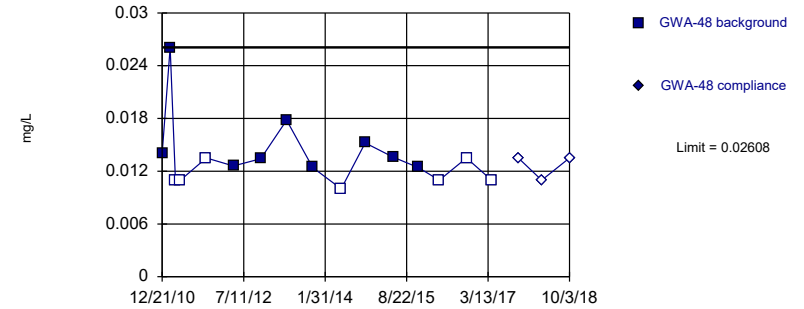


Background Data Summary (after Aitchison's Adjustment): Mean=0.01082, Std. Dev.=0.01198, n=16, 50% NDs. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9148, critical = 0.844. Kappa = 1.29 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

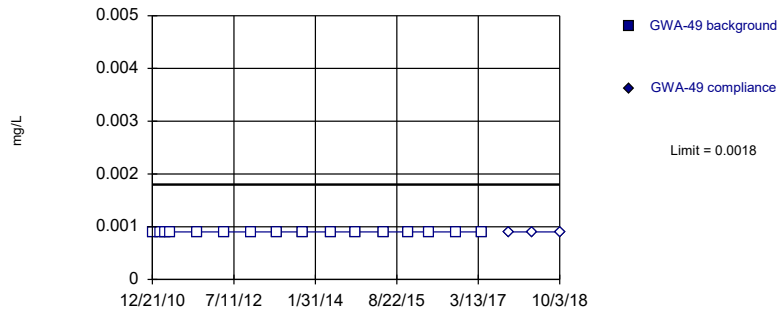


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 43.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Data were deseasonalized.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

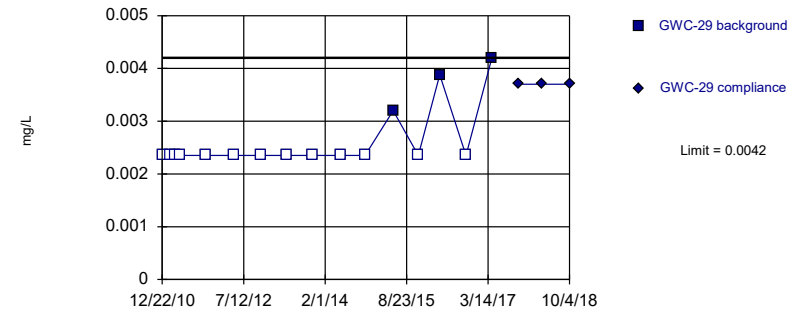


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

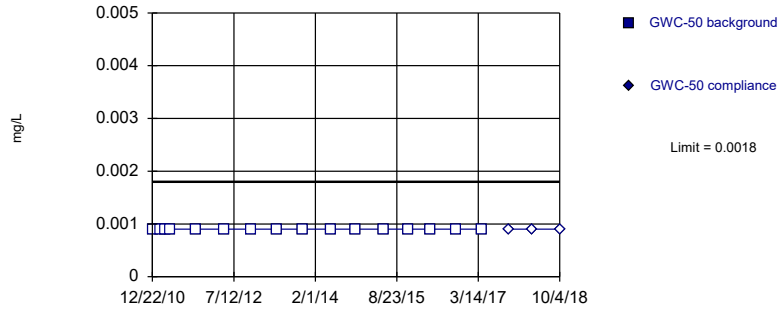


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

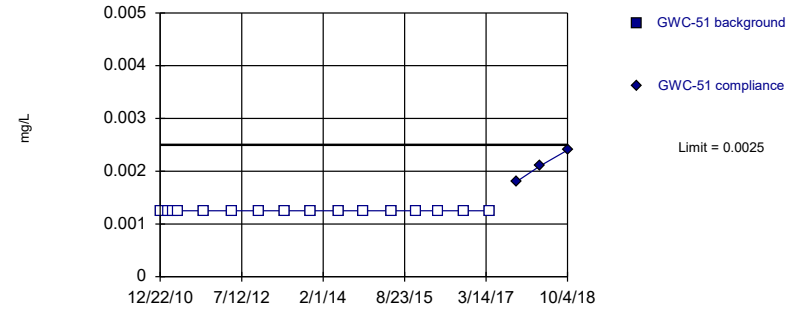


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

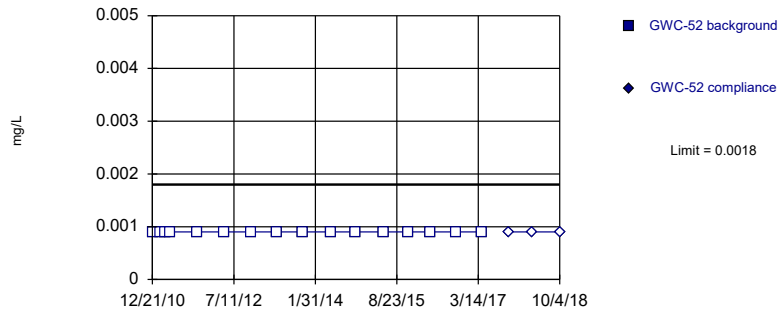


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

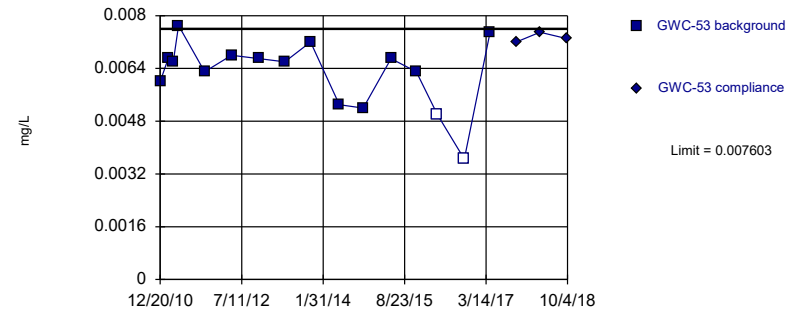


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

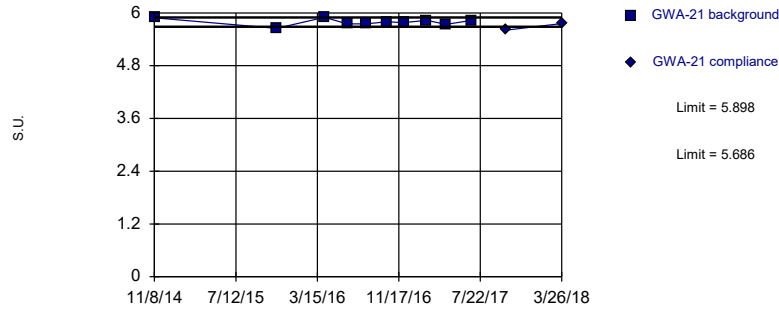


Background Data Summary: Mean=0.006266, Std. Dev.=0.001036, n=16, 12.5% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9106, critical = 0.844. Kappa = 1.29 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Nickel, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

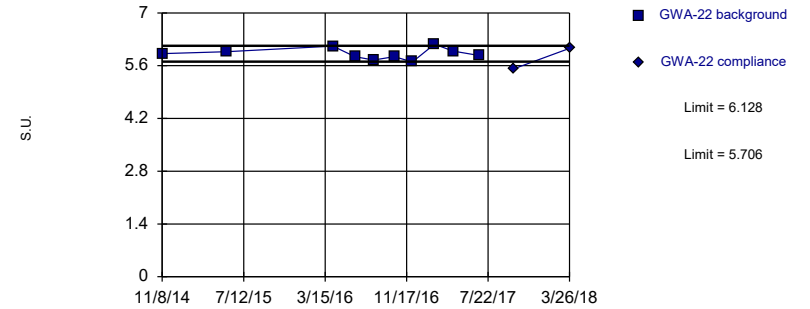


Background Data Summary: Mean=5.792, Std. Dev.=0.0751, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9583, critical = 0.781. Kappa = 1.41 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

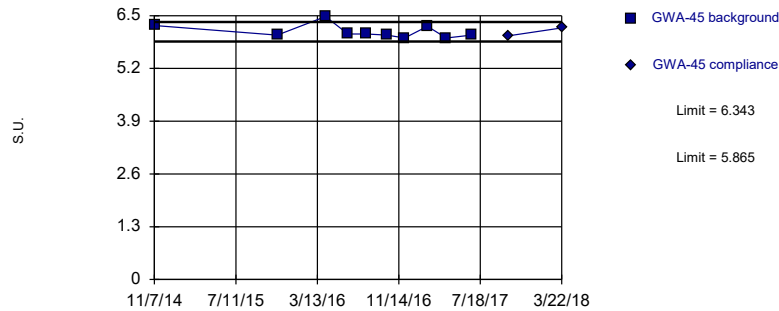


Background Data Summary: Mean=5.917, Std. Dev.=0.15, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9631, critical = 0.781. Kappa = 1.41 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

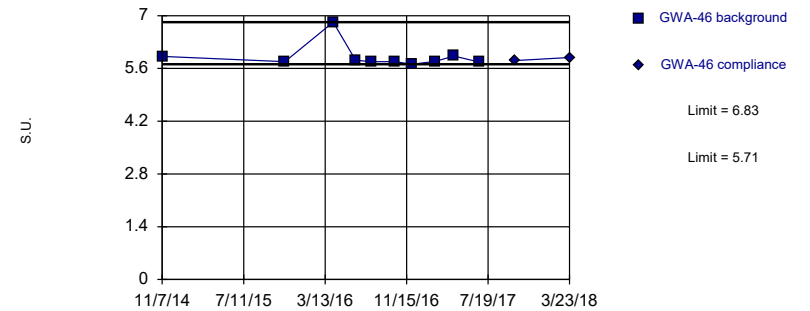


Background Data Summary: Mean=6.104, Std. Dev.=0.1695, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8116, critical = 0.781. Kappa = 1.41 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

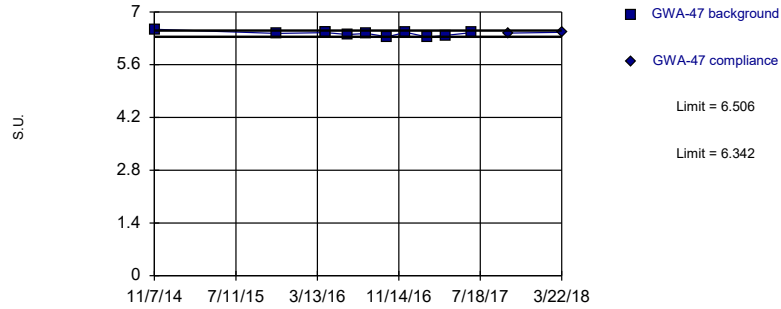


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 10 background values. Well-constituent pair annual alpha = 0.0303 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Parametric

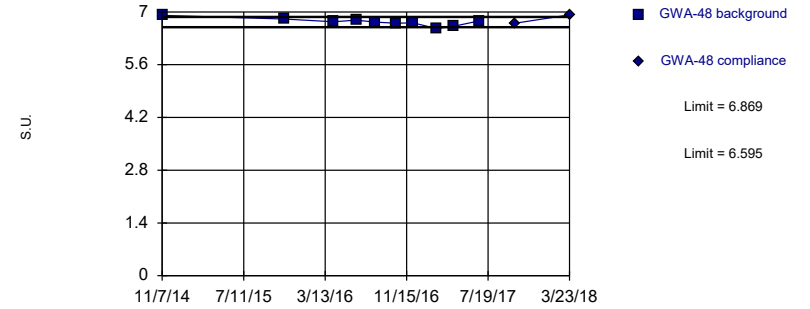


Background Data Summary: Mean=6.424, Std. Dev.=0.05938, n=11. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.937, critical = 0.792. Kappa = 1.38 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

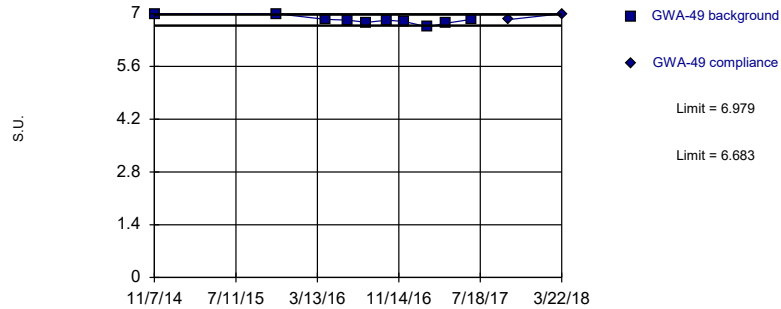


Background Data Summary: Mean=6.732, Std. Dev.=0.09693, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9744, critical = 0.781. Kappa = 1.41 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

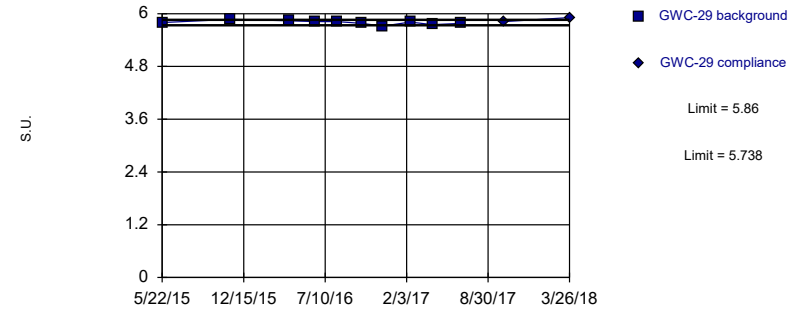


Background Data Summary: Mean=6.831, Std. Dev.=0.105, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9327, critical = 0.781. Kappa = 1.41 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

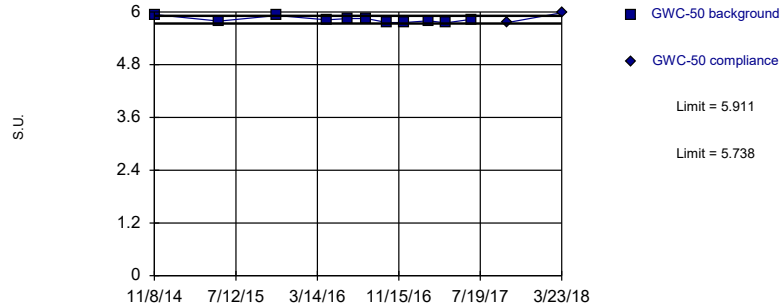


Background Data Summary: Mean=5.799, Std. Dev.=0.04358, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9822, critical = 0.781. Kappa = 1.41 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

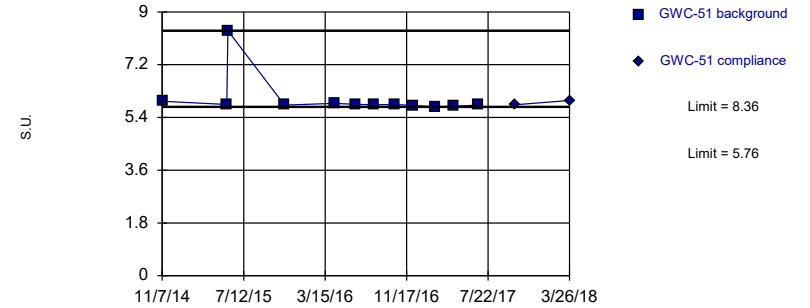


Background Data Summary: Mean=5.825, Std. Dev.=0.06283, n=11. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.919, critical = 0.792. Kappa = 1.38 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

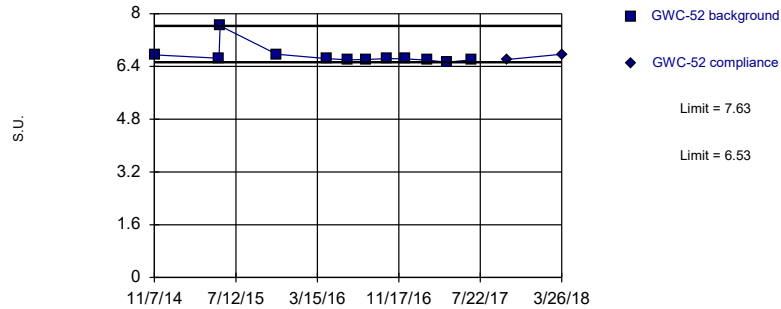


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 12 background values. Well-constituent pair annual alpha = 0.02198 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

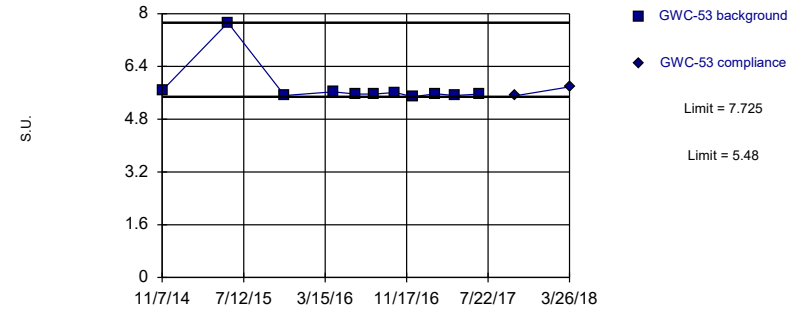


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 12 background values. Well-constituent pair annual alpha = 0.02198 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

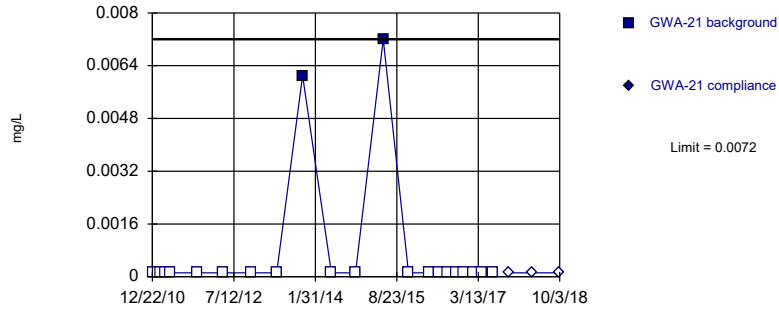


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 11 background values. Well-constituent pair annual alpha = 0.02614 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: pH Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

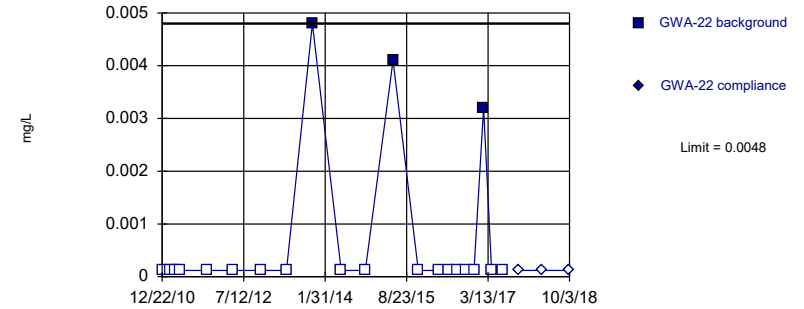


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

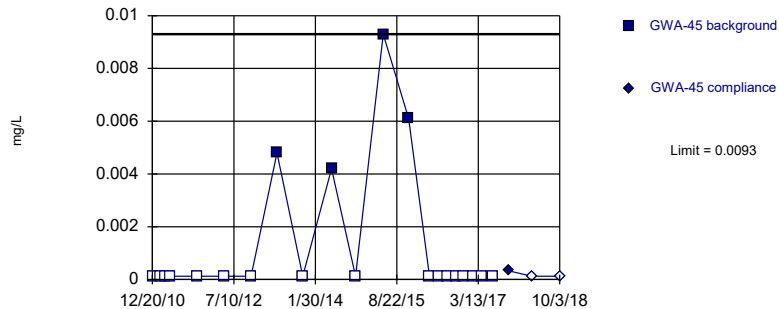


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:19 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

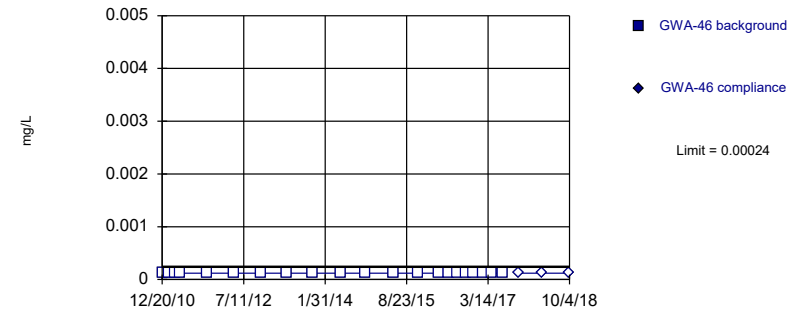


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

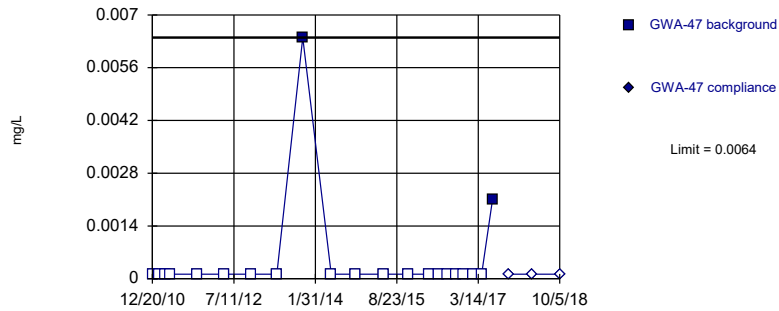


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

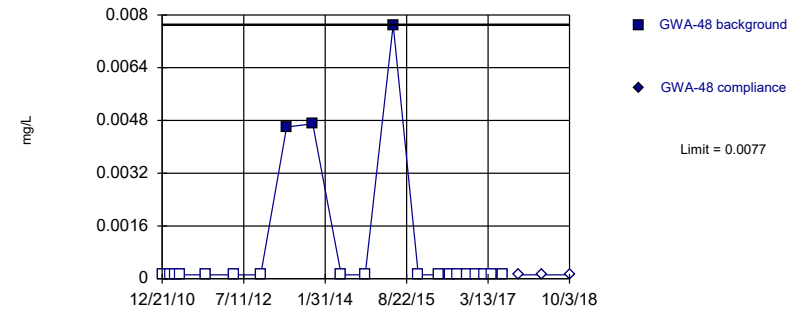


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

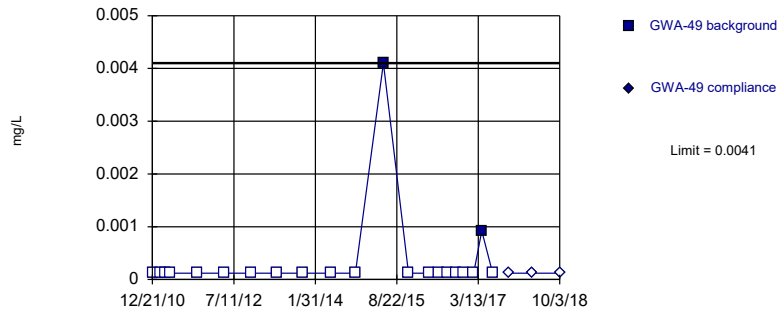


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

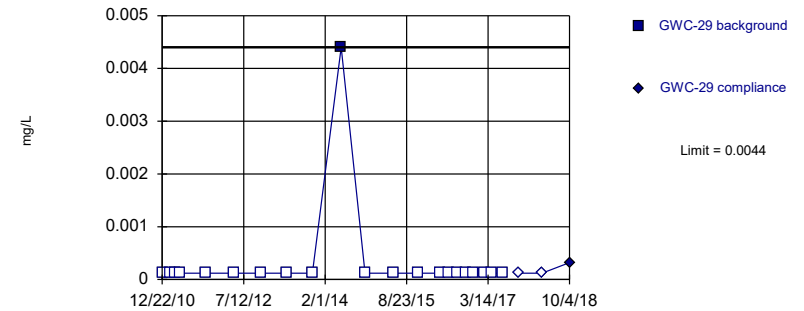


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

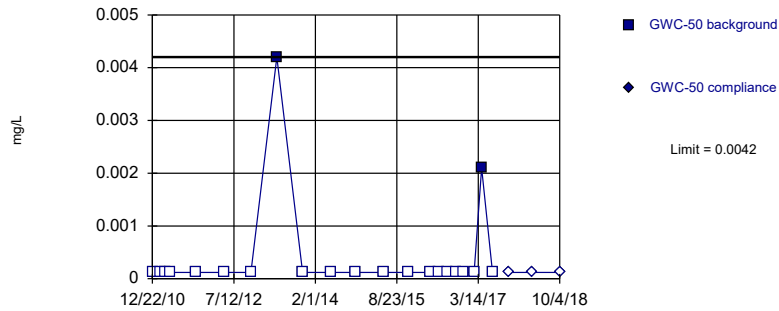


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

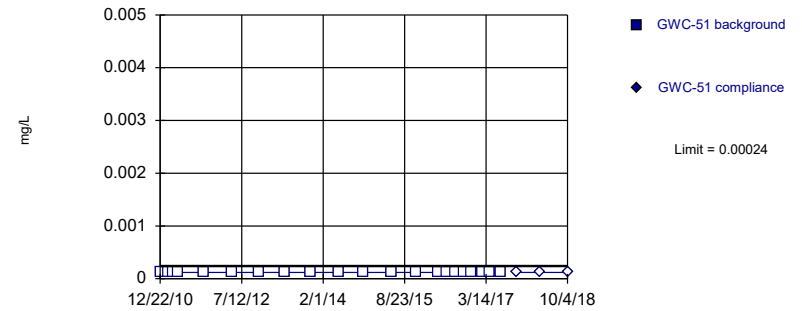


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

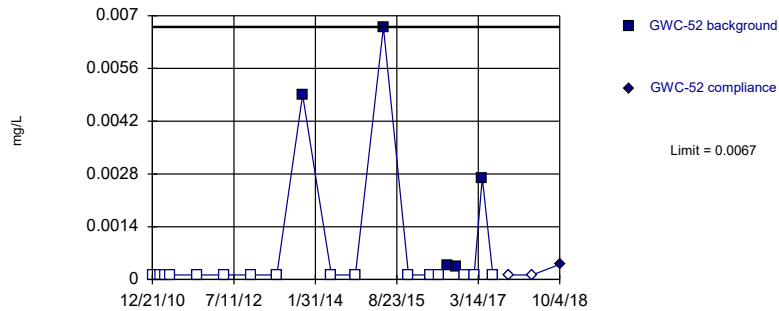


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

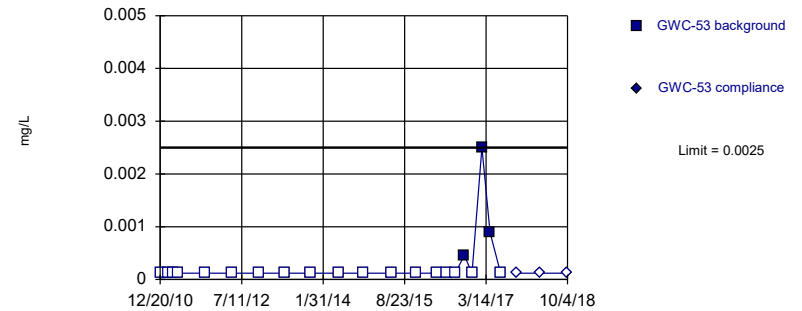


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

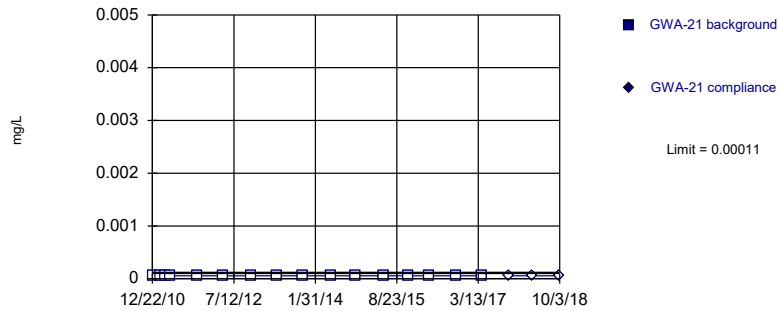


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Selenium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

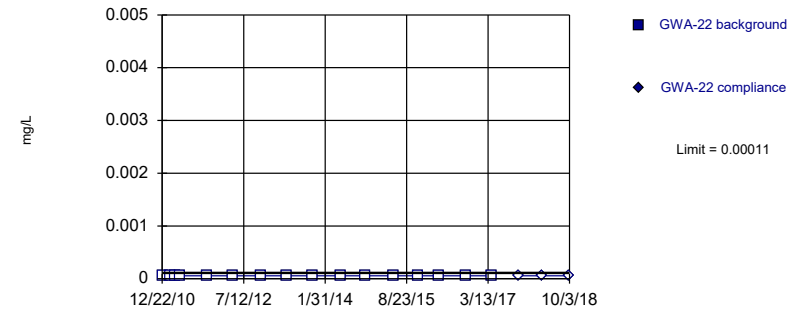


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

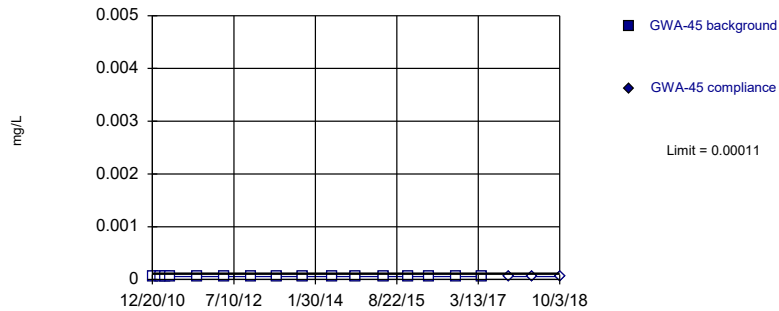


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

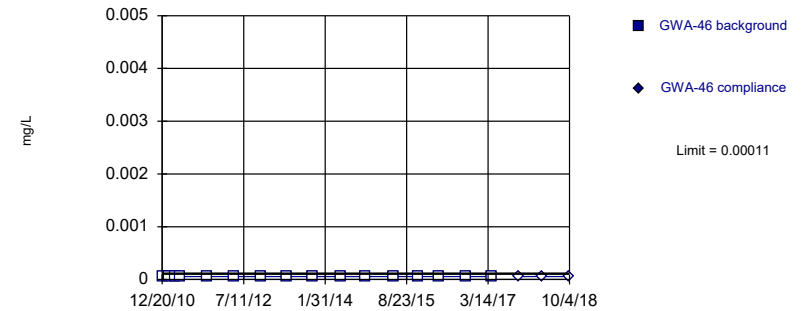


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

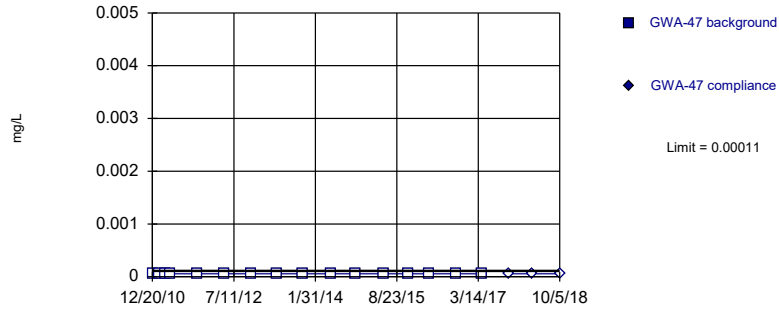


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

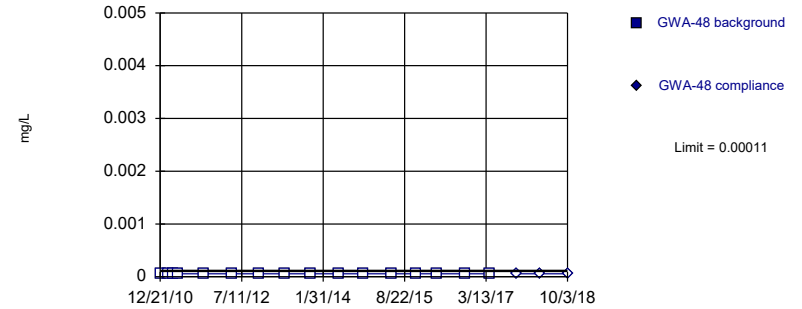


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

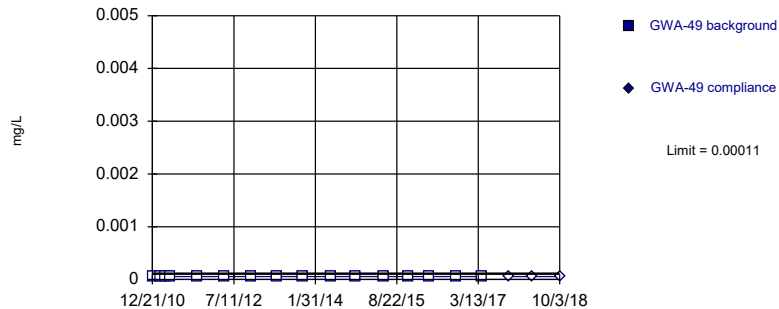


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

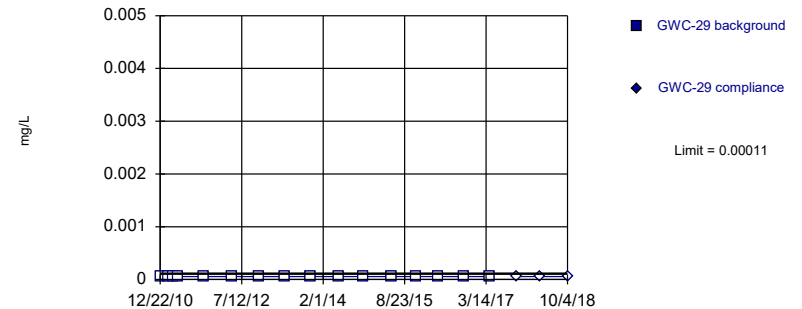


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

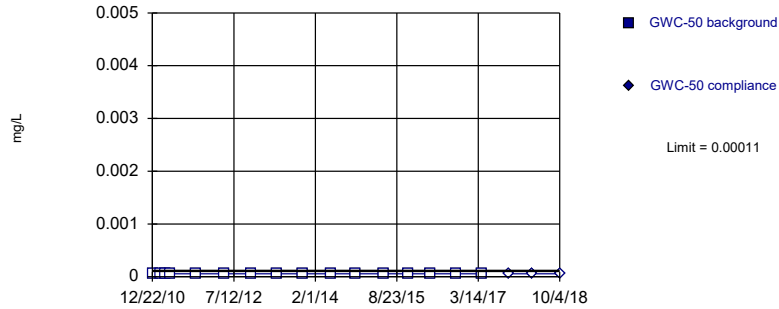


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

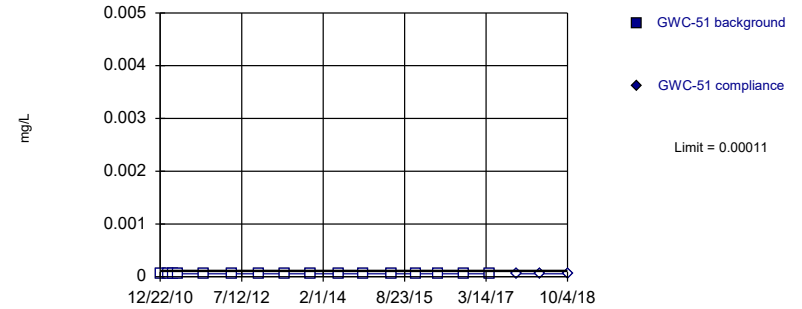


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

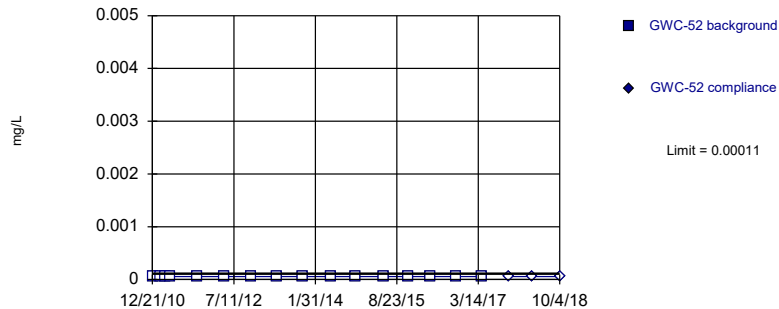


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

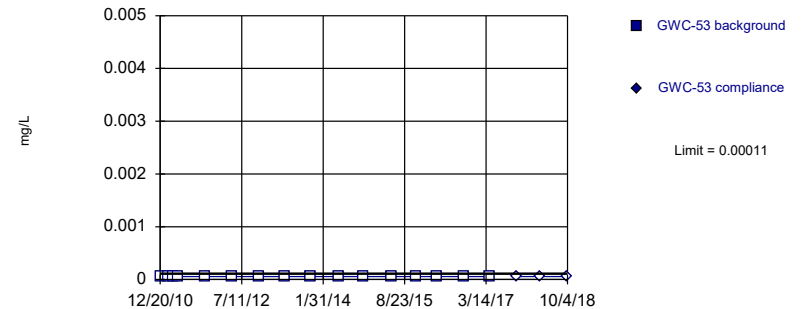


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

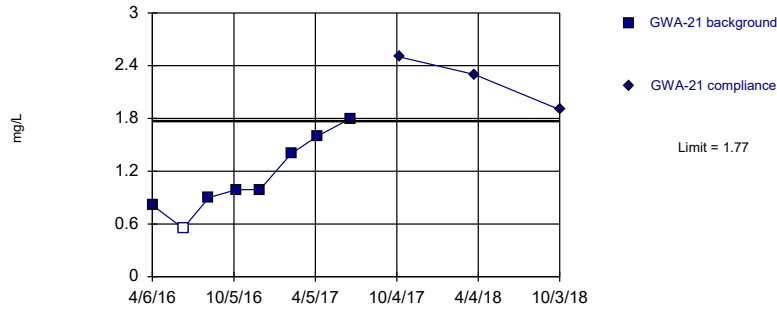


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Silver, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

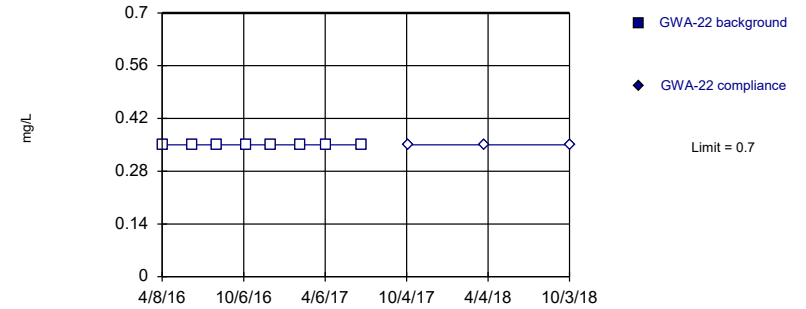


Background Data Summary: Mean=1.13, Std. Dev.=0.4262, n=8, 12.5% NDs. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9388, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

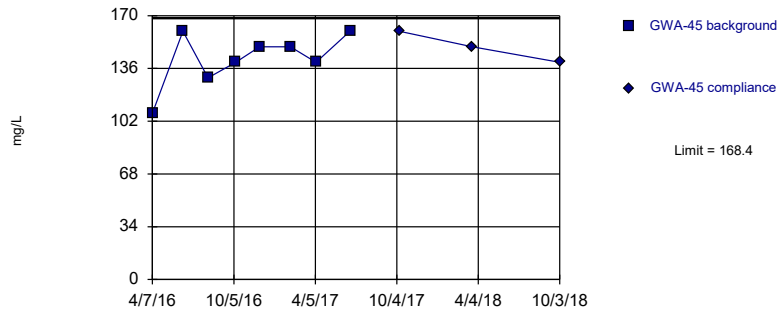


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

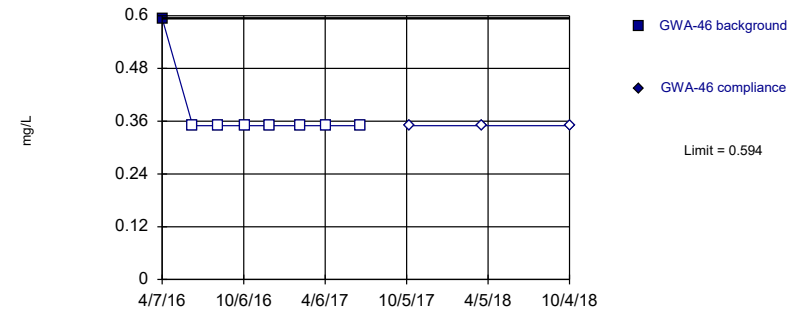


Background Data Summary: Mean=142.1, Std. Dev.=17.51, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8944, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

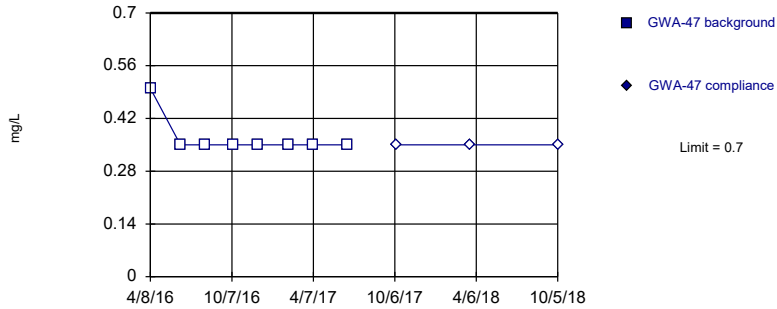
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

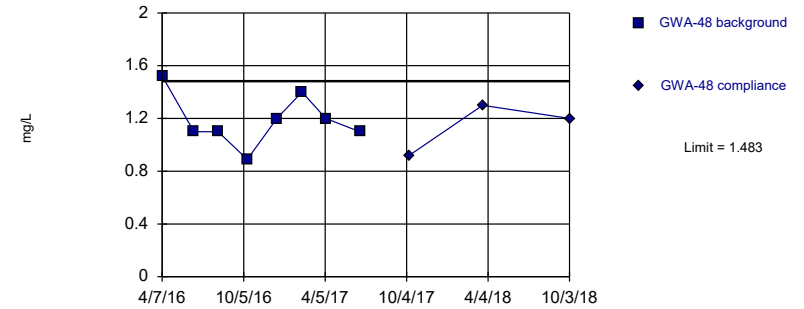
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

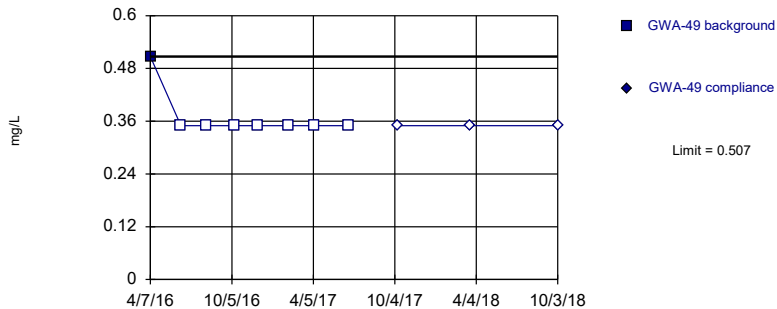
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.189, Std. Dev.=0.196, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9317, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

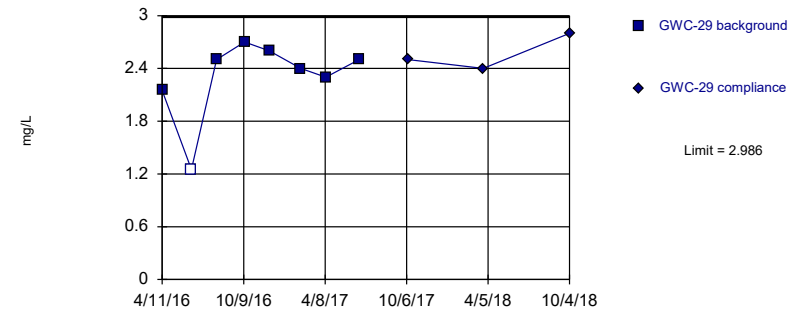
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

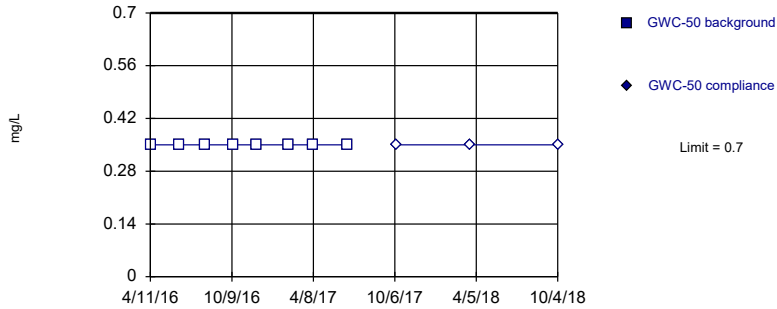
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.3, Std. Dev.=0.4575, n=8, 12.5% NDs. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7675, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

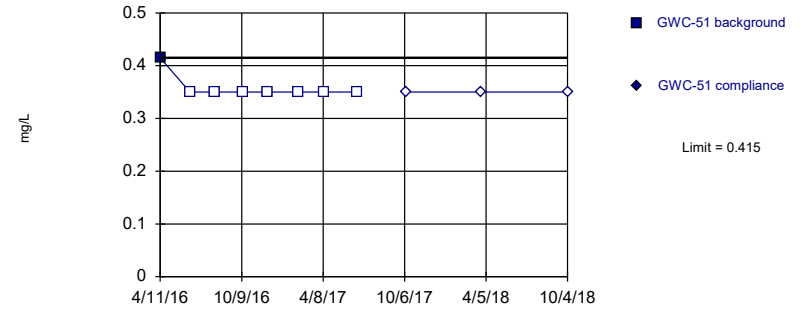
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

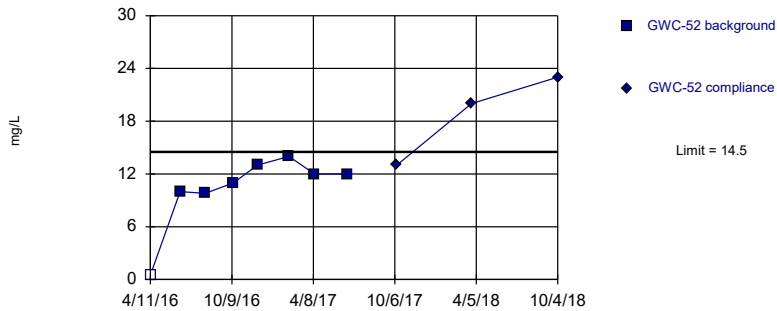
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.02222 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

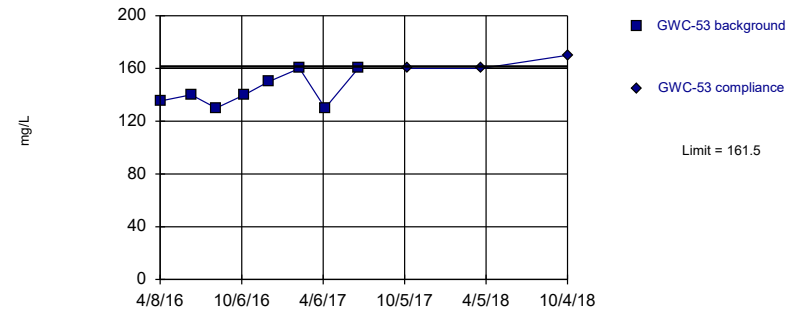
Exceeds Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on square transformation): Mean=121.3, Std. Dev.=59.32, n=8, 12.5% NDs. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9197, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit Prediction Limit
Intrawell Parametric

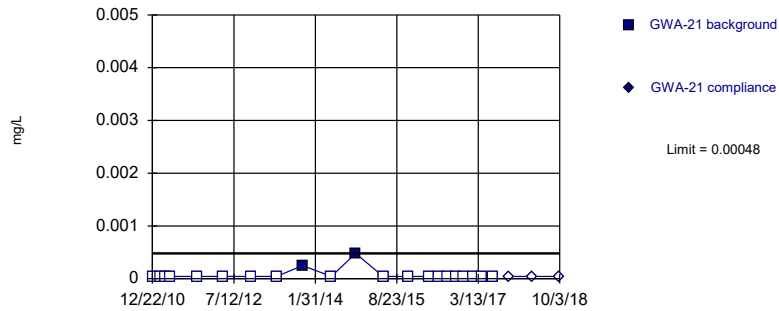


Background Data Summary: Mean=143.2, Std. Dev.=12.2, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.876, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Sulfate Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

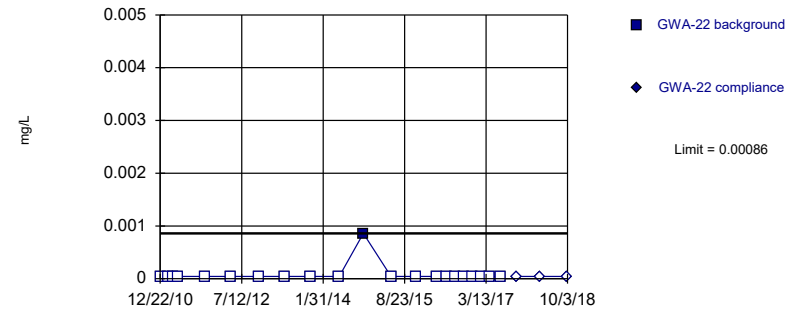


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

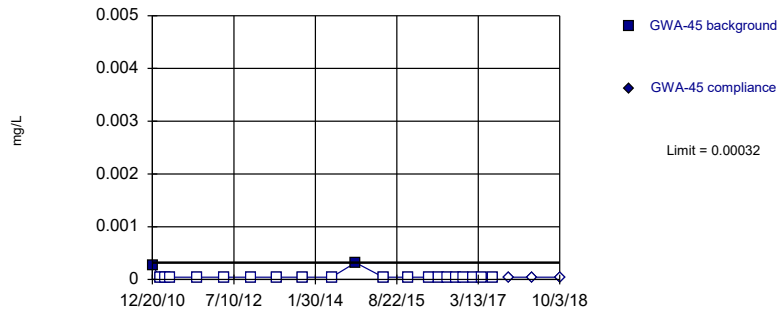


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

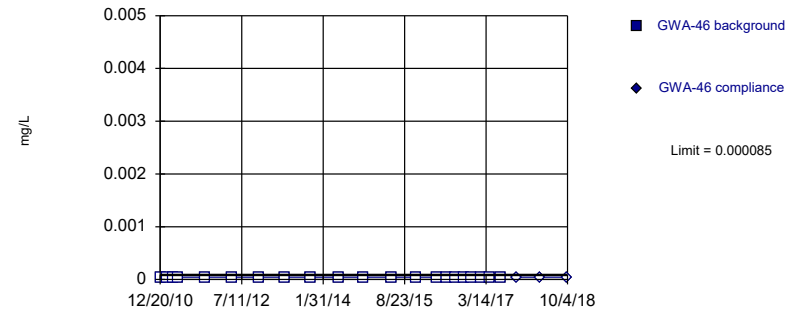


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

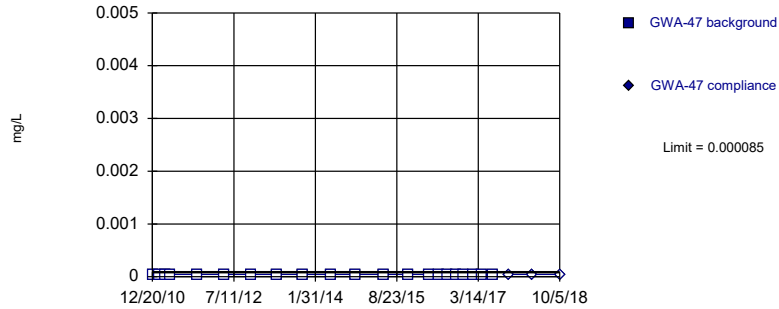


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

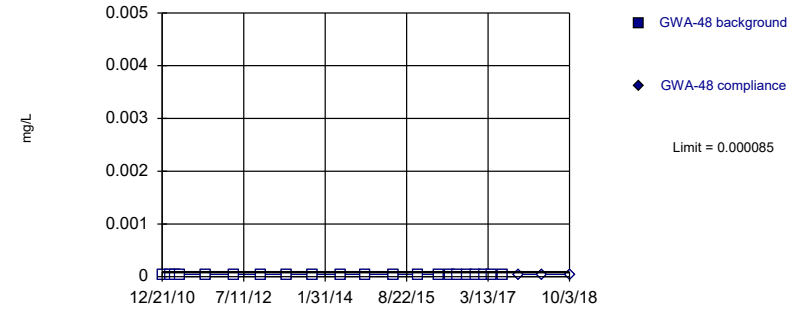


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

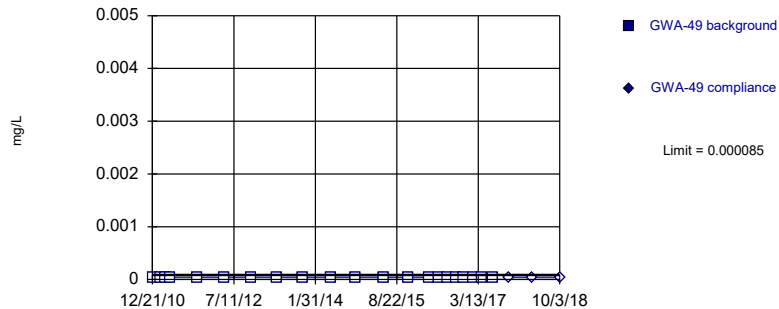


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

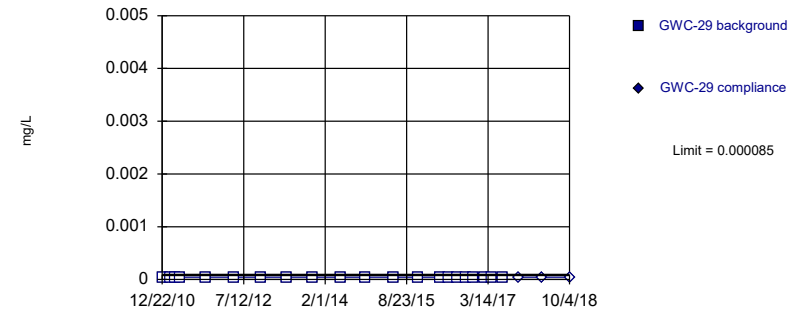


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

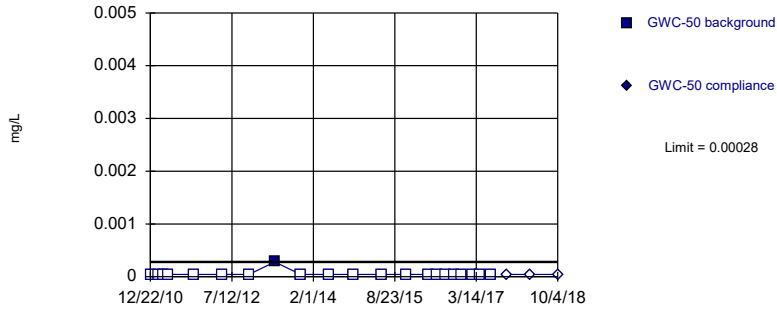


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

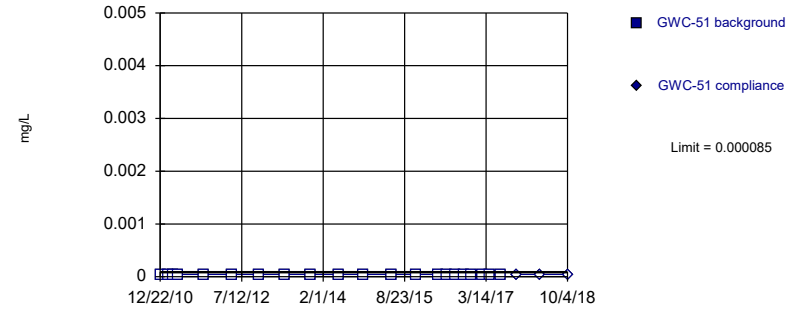


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

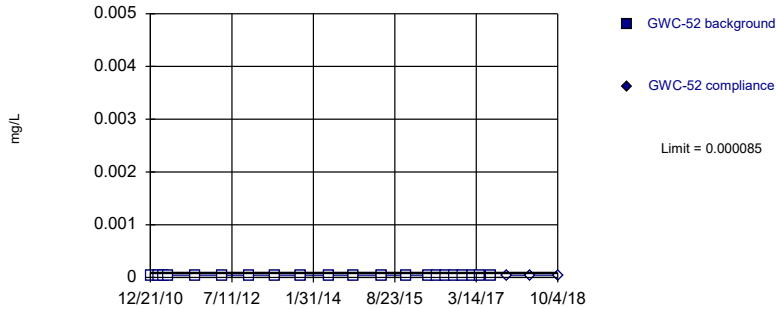


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

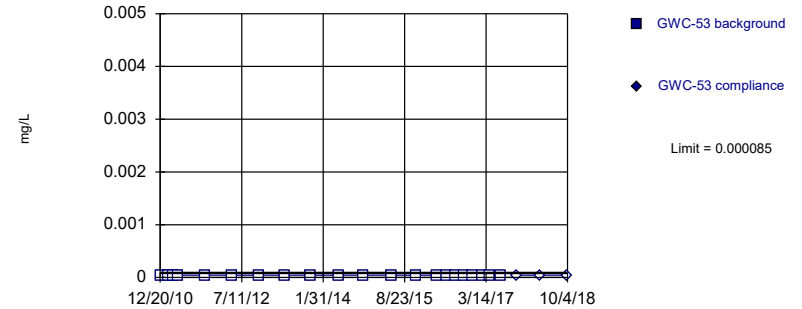


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

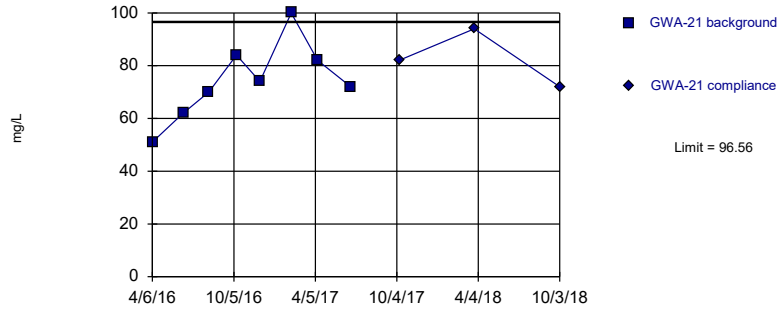
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004033 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Thallium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

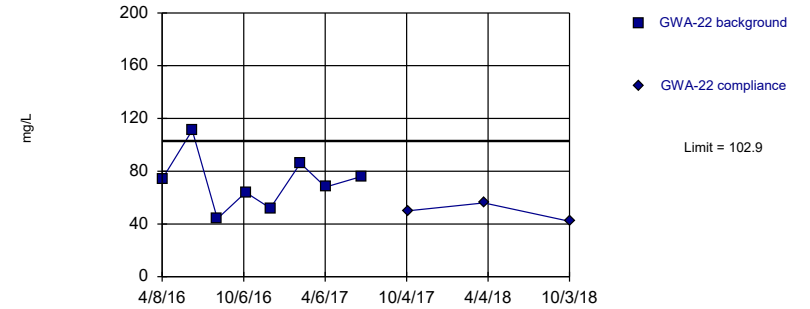
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=74.38, Std. Dev.=14.79, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9837, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

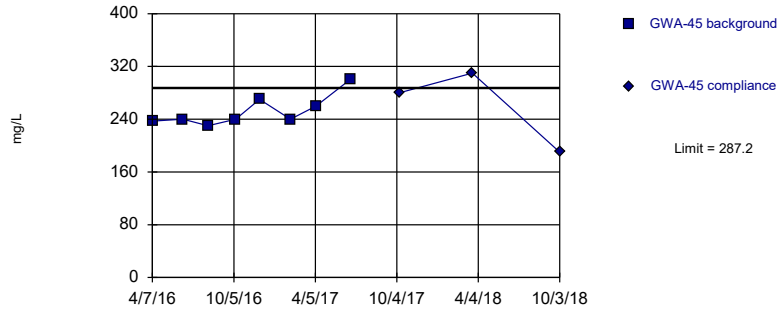
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=71.88, Std. Dev.=20.7, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9622, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit Prediction Limit
Intrawell Parametric

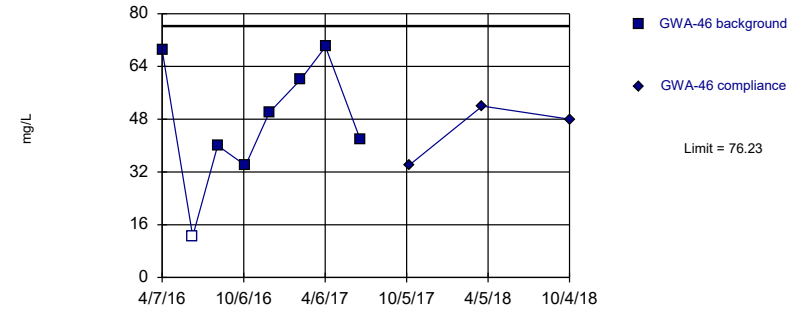


Background Data Summary: Mean=252.1, Std. Dev.=23.4, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8267, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Hollow symbols indicate censored values.

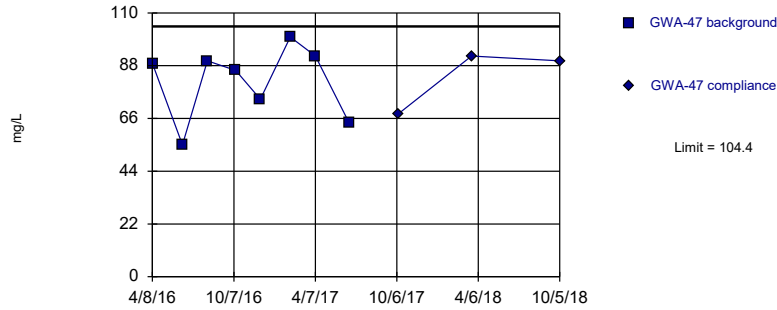
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=47.19, Std. Dev.=19.36, n=8, 12.5% NDs. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9454, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

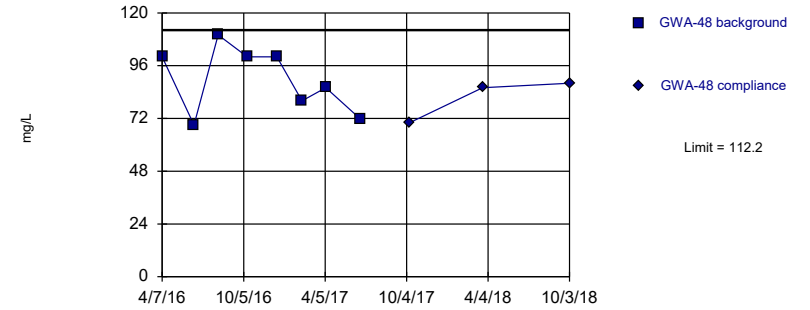
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=81.25, Std. Dev.=15.42, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9156, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

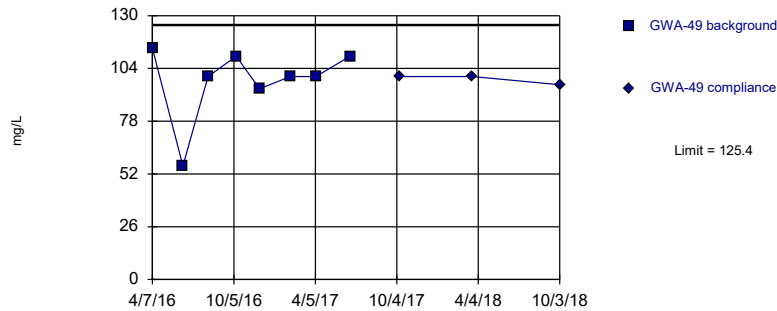
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=89.63, Std. Dev.=15.02, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9113, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

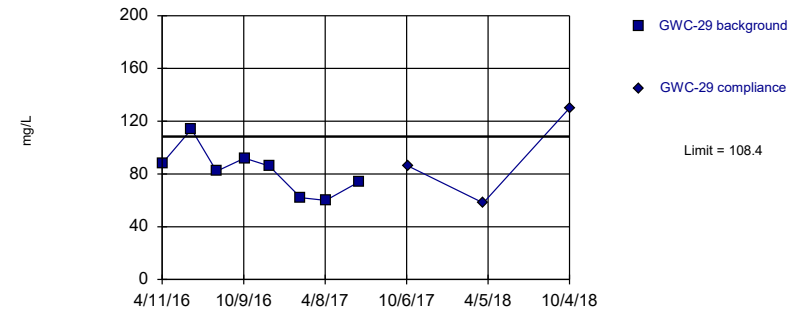
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=98, Std. Dev.=18.27, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7518, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit Prediction Limit
Intrawell Parametric

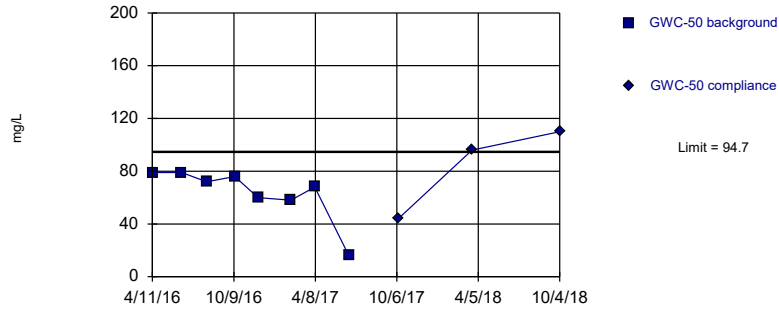


Background Data Summary: Mean=82.25, Std. Dev.=17.42, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9467, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLS
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

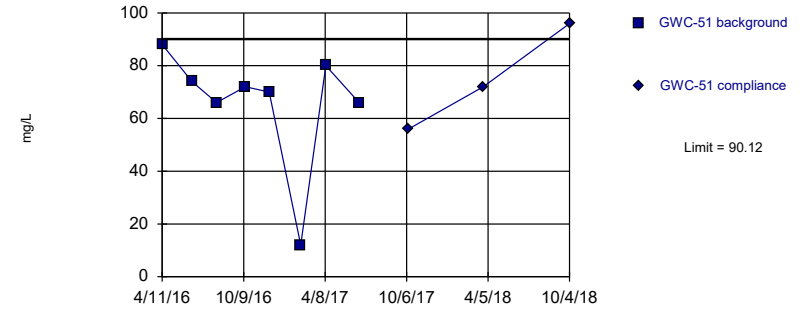


Background Data Summary: Mean=63.5, Std. Dev.=20.8, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7541, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

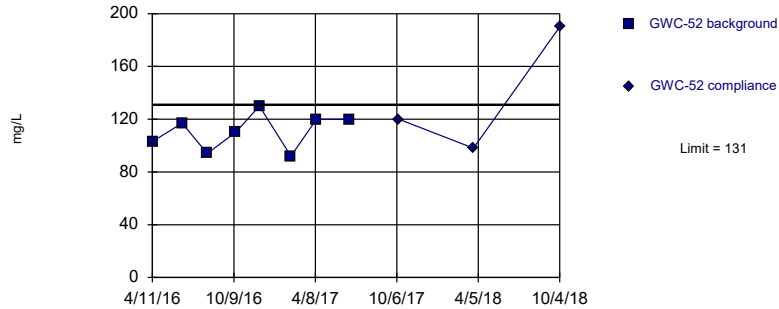


Background Data Summary (based on square transformation): Mean=4820, Std. Dev.=2201, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8783, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

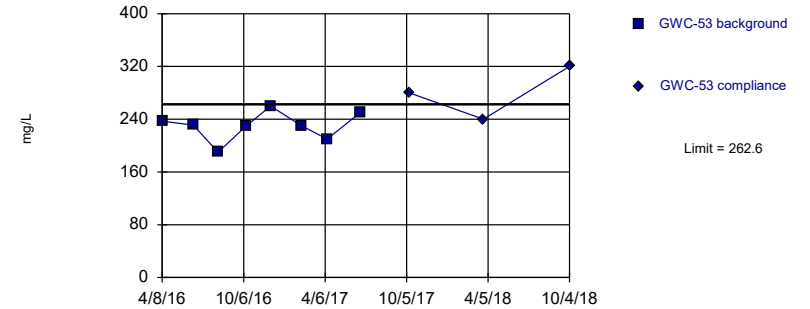


Background Data Summary: Mean=110.8, Std. Dev.=13.49, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.939, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

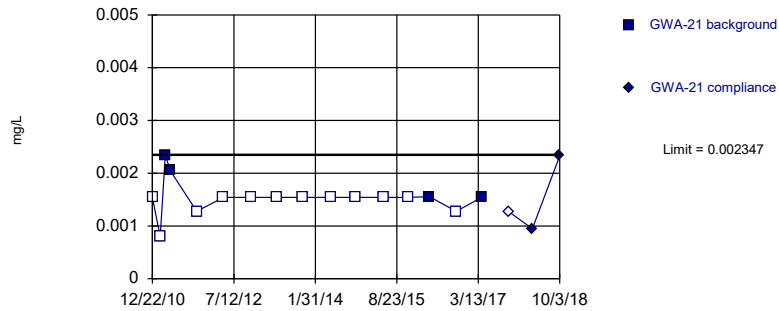


Background Data Summary: Mean=229.8, Std. Dev.=21.87, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9462, critical = 0.749. Kappa = 1.5 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Total Dissolved Solids Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

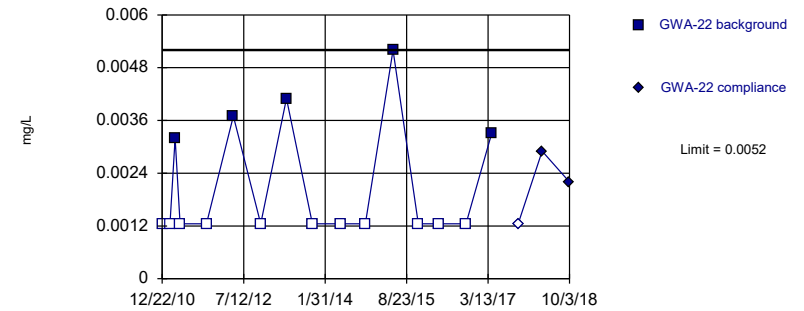


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Data were deseasonalized.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

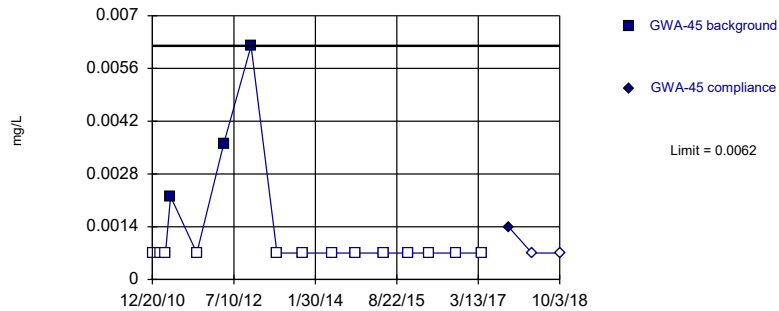


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

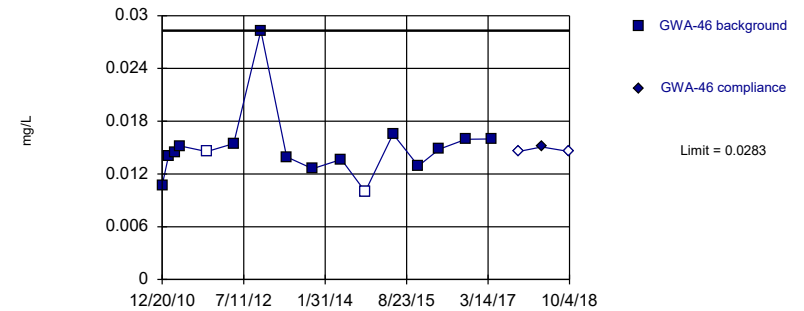


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

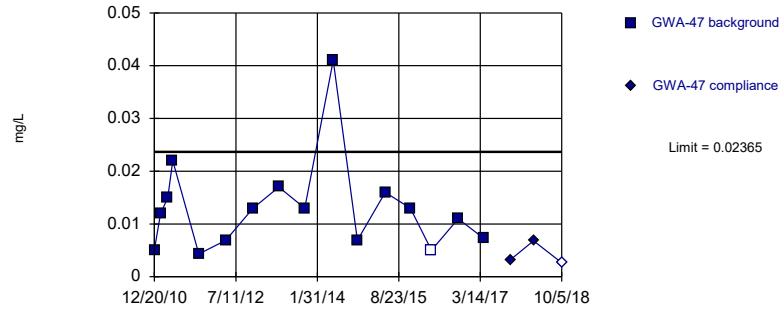


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 12.5% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Data were deseasonalized.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

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Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Parametric

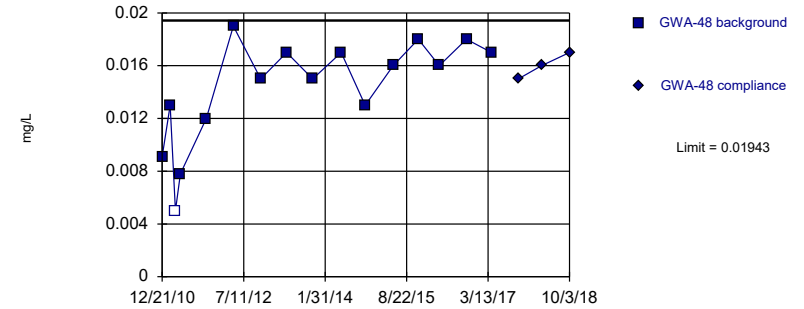


Background Data Summary (based on square root transformation): Mean=0.1091, Std. Dev.=0.03463, n=16, 6.25% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9002, critical = 0.844. Kappa = 1.29 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:20 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.6.12 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Parametric

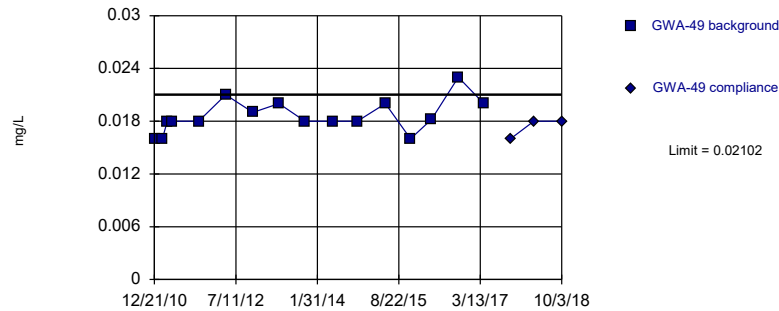


Background Data Summary: Mean=0.01424, Std. Dev.=0.004021, n=16, 6.25% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.892, critical = 0.844. Kappa = 1.29 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.6.12 For the statistical analyses of ground water by Golder Associates only. UG

Within Limit Prediction Limit
Intrawell Parametric

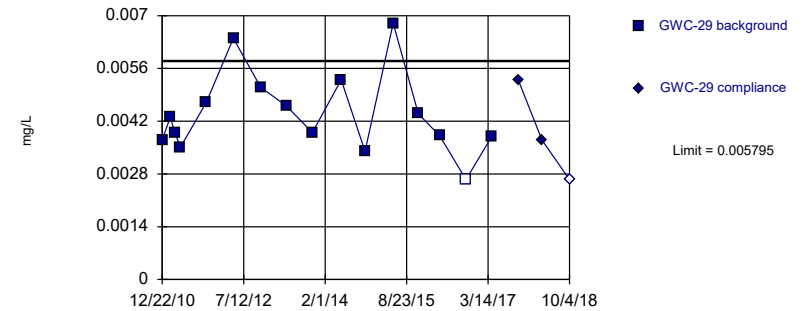


Background Data Summary: Mean=0.01858, Std. Dev.=0.001893, n=16. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.907, critical = 0.844. Kappa = 1.29 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Sanitas™ v.9.6.12 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Within Limit Prediction Limit
Intrawell Parametric

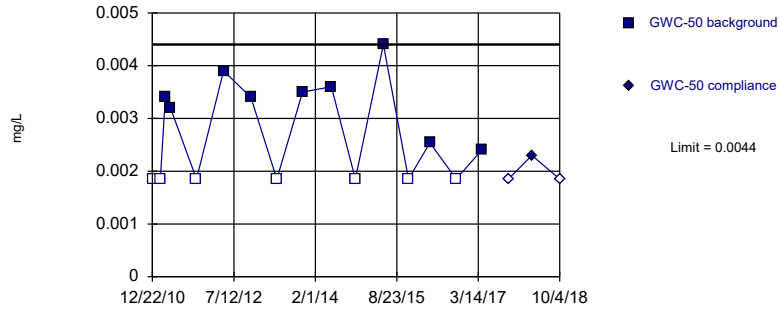


Background Data Summary: Mean=0.004391, Std. Dev.=0.001088, n=16, 6.25% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9265, critical = 0.844. Kappa = 1.29 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

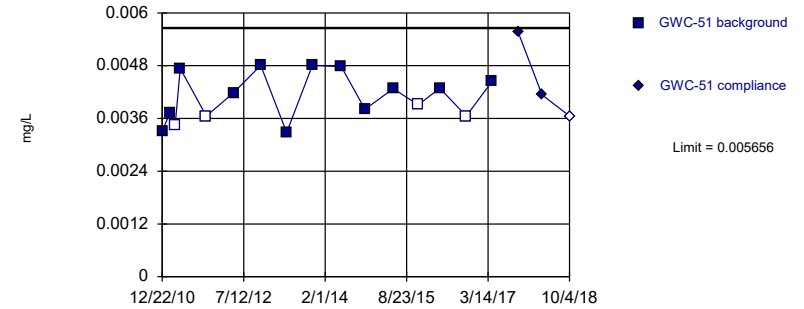


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 43.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

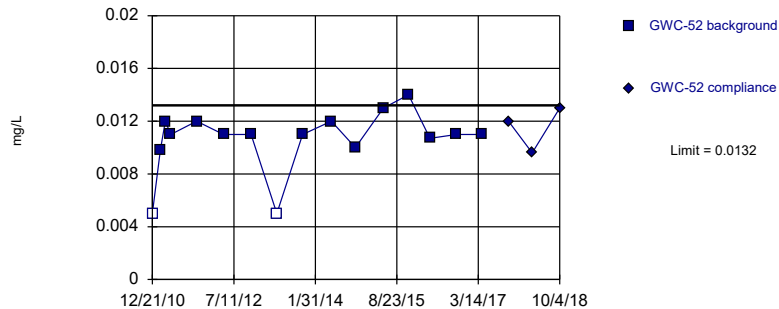


Background Data Summary (after Aitchison's Adjustment): Mean=0.003153, Std. Dev.=0.00194, n=16, 25% NDs. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9177, critical = 0.844. Kappa = 1.29 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric

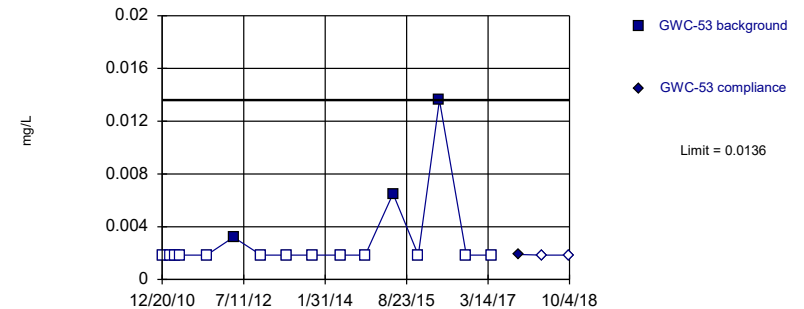


Background Data Summary (based on square transformation): Mean=0.0001177, Std. Dev.=0.00004388, n=16, 12.5% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8723, critical = 0.844. Kappa = 1.29 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

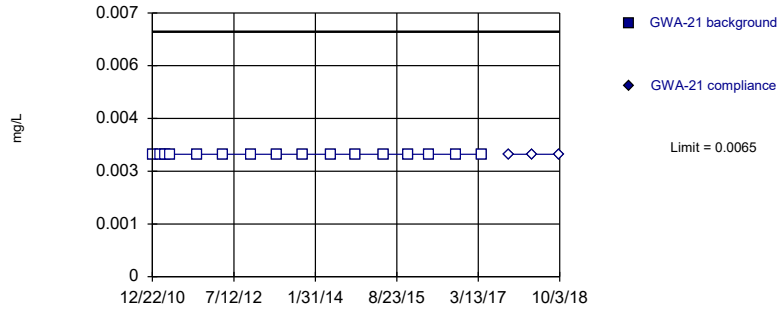


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Vanadium, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

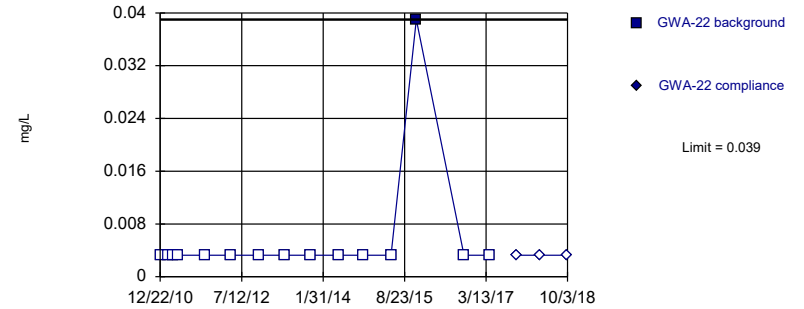


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

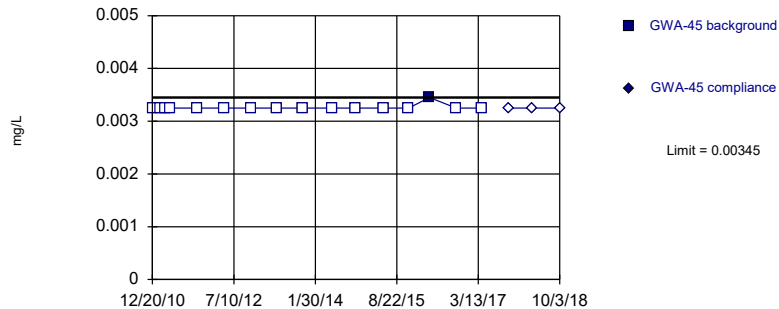


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.00765. Individual comparison alpha = 0.007649 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

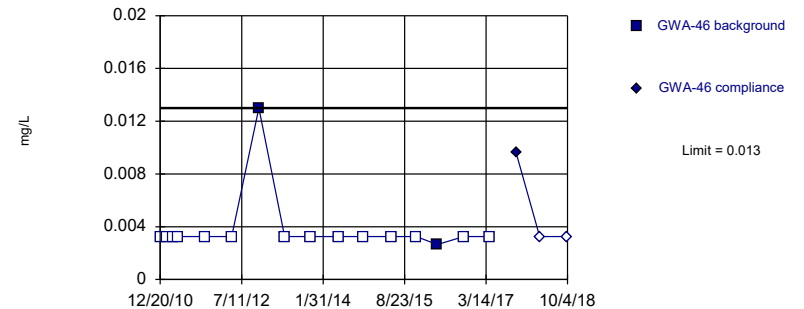


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

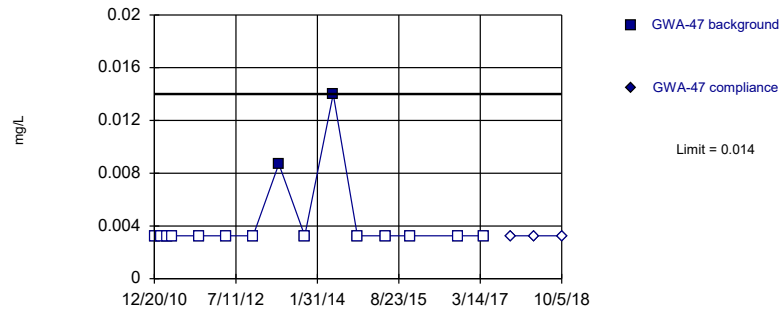


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

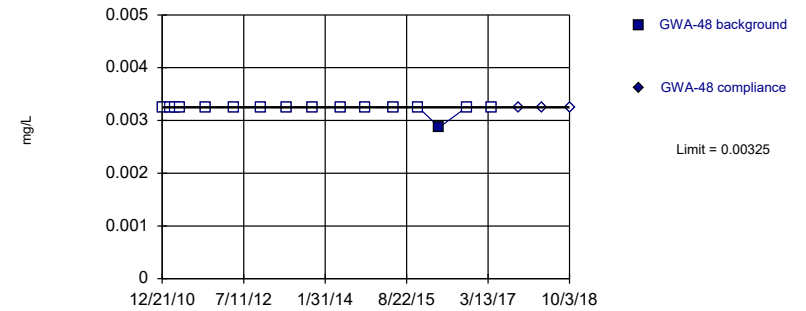


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.00765. Individual comparison alpha = 0.007649 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

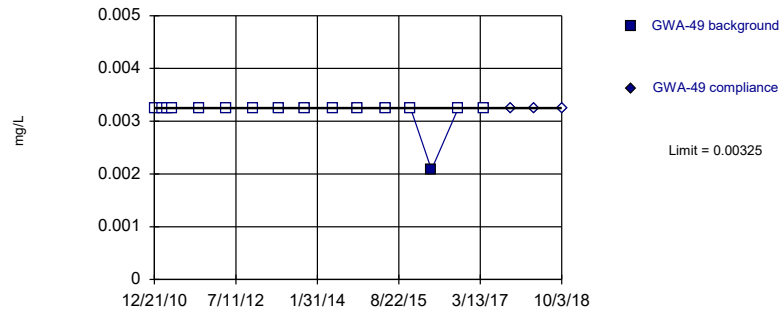


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

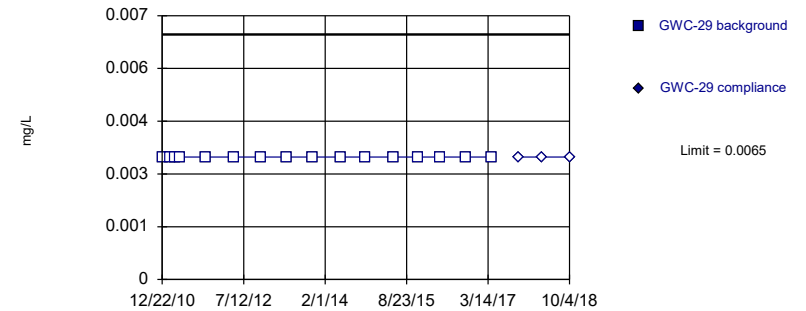


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

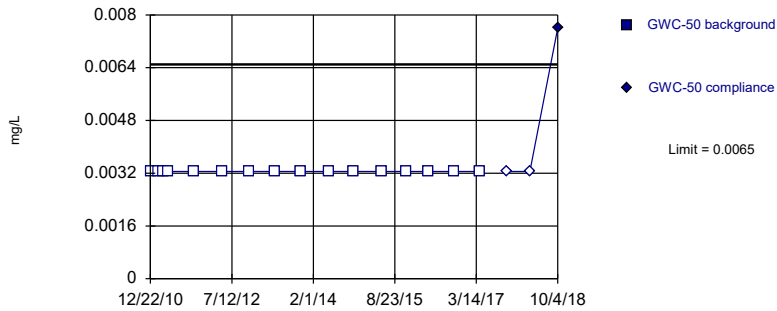


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

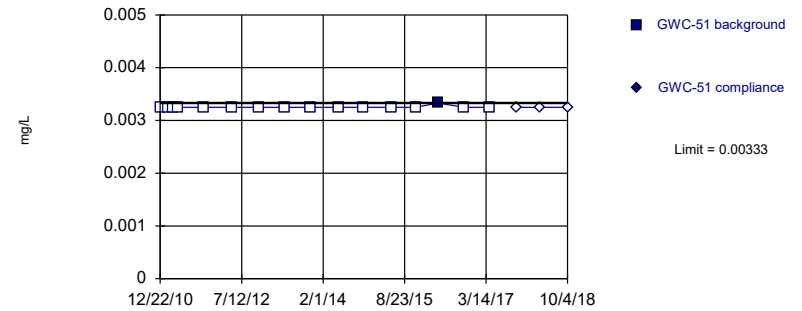


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

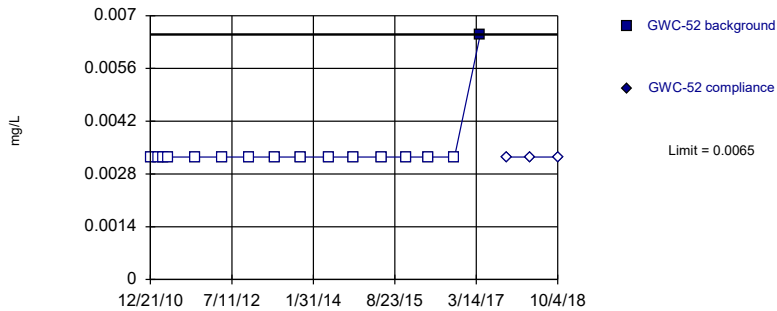


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

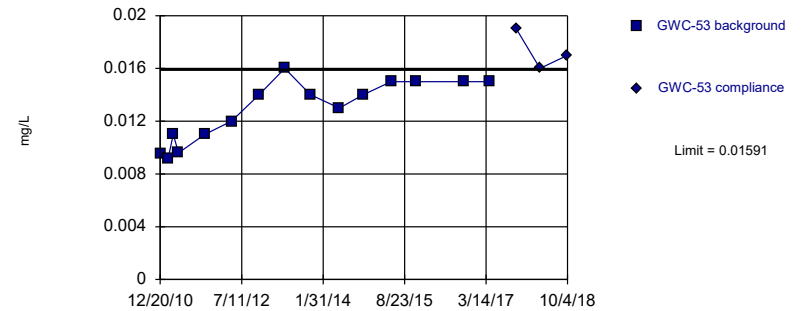


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.006536 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01289, Std. Dev.=0.002315, n=15. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8913, critical = 0.835. Kappa = 1.305 (c=2, w=3, 1 of 2, event alpha = 0.1). Report alpha = 0.01741.

Constituent: Zinc, Total Analysis Run 1/23/2019 4:21 PM View: State LF IntraWell PLs
Scherer Client: Golder Associates Data: Scherer PAC_CCR



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