

1. INTRODUCTION

The Grumman Road Ash Landfill is located on Gulfstream Road in the city of Port Wentworth, Chatham County, Georgia. The site is approximately five miles north of Savannah, Georgia, east of the Savannah Municipal Airport, and approximately two and one half miles west of Georgia Power Company's former Plant Kraft.

The Grumman Road Ash Landfill consists of four parcels; Parcels A, B1, B2, and B3. Each parcel contains a landfill cell. Parcel A operated under the Solid Waste Handling Permit number 025-034D(LI) and Parcels B1, B2, and B3 operated under the Solid Waste Handling Permit number 025-061D(LI). Parcel A ceased receiving ash prior to the 1986 permit issuance for Parcels B1, B2 and B3. Parcels A and B1 were closed together in 2004. The certification of the final closure can be found in the report named Cells A & B1 Certification for Closure by Earth Science and Environmental Engineering Technical Services Southern Company Generation dated January 2007. Parcels B2 & B3 were also previously closed and certified in the report named Certification Report Grumman Road Ash Landfill Parcels B2 & B3 Closure Final Cover Construction by Brantley Engineering, LLC, Dated November 30, 2017.

The Grumman Road Ash Landfill is an Inactive Coal Combustion Residual (CCR) Landfill under the CCR Rule 391-3-4.10(2) and was closed in place. The facility stopped receiving CCR prior to October 19, 2015 and provided the formal notice of closure to EPD in a letter dated November 4, 2015.

CCR and roofing material were encountered outside the permitted waste boundary on Parcels B2 & B3 and was removed and hauled off to an approved Subtitle D Landfill with an approved CCR Management Plan. The removal areas are referenced as 1-4, Phase 1, and are described in the Certification of CCR Removal Report Grumman Road Ash Landfill Areas 1-7 (Phase 1&2) by Brantley Engineering, LLC, Dated November 8, 2019.

CCR material was encountered in subsurface investigations outside the closed portion of Parcel A, as well as within the buffer zone of Parcels A and B1. The CCR within the buffer zone was excavated and relocated to parcel A', the area adjacent to the closed portion of parcel A. The removal areas are referenced as 5-7, Phase 2, and are described in the Certification of CCR Removal Report Grumman Road Ash Landfill Areas 1-7 (Phase 1&2) by Brantley Engineering, LLC, Dated November 8, 2019. The conjunction with the CCR removal activities final capping activities were detailed in the Closure Construction Certification Report Grumman Road Ash Landfill Parcel A' (Prime) Closure Final Cover Construction by Brantley Engineering, LLC, Dated November 8, 2019.

Georgia Power plans to remove CCR currently supporting power distribution structures just south of Parcel B2 as shown on the Permit Drawing 3 of 10. Once removed, the CCR will be hauled off site and disposed of in an appropriately permitted landfill. Upon completion of CCR removal and restoration of the area, a CCR Removal Certification Report prepared in accordance with the updated CQA Plan will be provided to EPD for review and approval. The previously submitted Construction Certification Report

Grumman Road Ash Landfill Parcels B2 & B3 Closure Final Cover Construction, dated November 30, 2017, Closure Construction Certification Report Grumman Road Ash Landfill Parcel A' (Prime) Closure Final Cover Construction, dated November 8, 2019 and Certification of CCR Removal Report Grumman Road Ash Landfill Areas 1-7 (Phase 1&2) dated November 8, 2019 will be revised and resubmitted to EPD for review and approval.

Georgia Power is submitting the information attached in support of an application for a solid waste handling permit as required under Rules 391-3-4-.10(9)(a), 391-3-4-.10(9)(b), and 391-3-4-.10(9)(c)4 which requires the application to address the subparagraphs of (9)(c)3.(i) – (iv) of the Rule for existing CCR landfills as follows:

General CCR Unit Permit Application Requirements

- *391-3-4-.10(9)(b)1. - A completed form designated by EPD.*
The completed form is included in Section 2 of Part A of the permit application
- *391-3-4-.10(9)(b)2. - Written verification that the site conforms to all local zoning or land use ordinances.*
Zoning Confirmation is included in Section 4 of Part A of the permit application.
- *391-3-4-.10(9)(b)3. - Property boundary survey and legal description.*
The permit boundary survey and legal description is included in the Permit Drawings in Section 9 of Part A of the permit application.
- *391-3-4-.10(9)(b)4. - Financial assurance mechanism meeting the criteria in Rule 391-3-4-.13.*
Financial Assurance is addressed in the closure narrative (included in Part A of this permit application) and will be provided once EPD concurs with the closure estimates provided in the permit application.
- *391-3-4-.10(9)(b)5. - A qualified professional engineer's certification that all application requirements have been met.*
The professional engineer's certification is included in Section 3 of Part A of the permit application.

Inactive CCR Landfill Permit Application Requirements:

- 391-3-4-.10(9)(c)3.(i) - Location Restriction Demonstration (40 CFR 257.64 Unstable Areas).
The location restriction certification is included in Section 1 of Part B of the permit application.
- 391-3-4-.10(9)(c)3.(iii) – Groundwater Monitoring Plan (40 CFR 257.90, 91, 93 – 98).
A Groundwater Monitoring Plan has been prepared for the Grumman Road Ash Landfill in accordance with 40 CFR 257.90, 40 CFR 257.91, and 40 CFR 257.93 through .94 and is included in this application.

- 391-3-4-.10(9)(c)3.(iv) – Closure and Post Closure Care requirements (40 CFR 257.101, 102, 103, 104).

The Closure and Post Closure Care Plans provide narrative descriptions of how the CCR unit has been closed in accordance with 40 CFR 257.102(b)(1) and 40 CFR 257.104(d)(1).

2. APPLICATION FORM

Send completed application to:
 Environmental Protection Division, Solid Waste Management Program
 4244 International Parkway, Suite 104
 Atlanta, GA 30354-3902

County: _____

Facility Name: _____

CCR Unit - Application for Solid Waste Handling Permit

(Please type or print)

I. APPLICANT INFORMATION

Owner's Name or Registered Corporation Name: Georgia Power Company

Facility Address: 120 Gulfstream Road

Phone: (404) 506-6505

City: Port Wentworth

State: GA

ZIP Code: 30116

Authorized Official: Aaron D. Mitchell

Title: General Manager – Environmental Affairs

Mailing Address: 241 Ralph McGill Blvd, NE

Phone: (404) 506-6505

City: Atlanta

State: GA

ZIP Code: 30308

Email Address: gpcenv@southernco.com

Facility CCR Website(s): N/A for inactive CCR Landfill

II. PROPERTY DETAILS: Complete below and attach a street or highway map indicating the site/facility location. Application must be accompanied by written zoning confirmation.

County: Chatham County

City: Port Wentworth

Co-ordinates (in decimal degrees, near facility center): N32.144825, W81.183758

Property for Processing/Disposal is: Owned Leased (please complete owner details below)

Property Owner (if leased):

Address:

Phone:

City:

State:

Zip:

III. APPLICATION TYPE:

New Permit

Major Modification to Existing Permit

Transfer of Permit

Other

IV. CCR UNITS: List all CCR units covered under this application

Grumman Road Ash Landfill

V. OWNERS: List all owners of the facility (defined as holding a 5% or greater share). All owners listed below must complete the Supplemental Form for O.C.G.A. 12-8-23.1(a)(3)(B)

Georgia Power Company

VI. SIGNATURE

Authorized Official's Signature:

[Handwritten Signature]

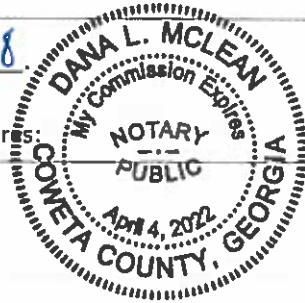
Date: 11/13/18

Sworn to and subscribed before me this 13 day of November, 2018.

Notary Public:

[Handwritten Signature: Dana L. McLean]

My commission expires:



Send with completed application to:
 Environmental Protection Division, Solid Waste Management Program
 4244 International Parkway, Suite 104
 Atlanta, GA 30354-3902

County: _____

Facility: _____

Solid Waste Handling Permit Supplemental Form for O.C.G.A. 12-8-23.1(a)(3)(B)

(Please type or print)

I. INFORMATION: This form must be completed by each owner, or an authorized official of a corporation, holding a 5% or greater ownership share. This form must be notarized.

Name of Facility Applying for Solid Waste Handling Permit: Grumman Road Ash Landfill

Owner's Name or Registered Corporation Name: Georgia Power Company

Authorized Official: Billy Aiken

Title: General Manager – Environmental Affairs

Mailing Address: 241 Ralph McGill Blvd, NE

Phone: (404) 506-2533

City: Atlanta

State: GA

ZIP Code: 30308

Email Address: whaiken@southernco.com

A.	Yes	No
(1) Has the applicant, or if the applicant is a corporation, partnership, or association, has any officer, director, manager, or shareholder of five percent or more of stock financial interest in the corporation, partnership, or association intentionally misrepresented or concealed any material fact in the application submitted to the director?	<input type="checkbox"/>	X
(2) Has the applicant, or if the applicant is a corporation, partnership, or association, has any officer, director, manager, or shareholder of five percent or more of stock financial interest in the corporation, partnership, or association obtained or attempted to obtain the permit by misrepresentation or concealment?	<input type="checkbox"/>	X
(3) Has the applicant, or if the applicant is a corporation, partnership, or association, has any officer, director, manager, or shareholder of five percent or more of stock financial interest in the corporation, partnership, or association been convicted by final judgment, and all appeals have been exhausted, in the State of Georgia or any federal court of any felony involving moral turpitude within three years immediately preceding the application for a permit?	<input type="checkbox"/>	X
(4) Has the applicant, or if the applicant is a corporation, partnership, or association, has any officer, director, manager, or shareholder of five percent or more of stock financial interest in the corporation, partnership, or association been convicted of any violations of any environmental laws punishable as a felony in any state or federal court within five years preceding the application for a permit?	<input type="checkbox"/>	X
(5) Has the applicant, or if the applicant is a corporation, partnership, or association, has any officer, director, manager, or shareholder of five percent or more of stock financial interest in the corporation, partnership, or association knowingly, willfully, and consistently violated the prohibitions specified in Code Section 12-8-30.7?	<input type="checkbox"/>	X
(6) Has the applicant, or if the applicant is a corporation, partnership, or association, has any officer, director, manager, or shareholder of five percent or more of stock financial interest in the corporation, partnership, or association been adjudicated in contempt of any court order enforcing any federal environmental laws or any environmental laws of the State of Georgia within five years preceding the application for a permit?	<input type="checkbox"/>	X

B. On a separate sheet, please provide detailed explanations for each question above answered "yes."

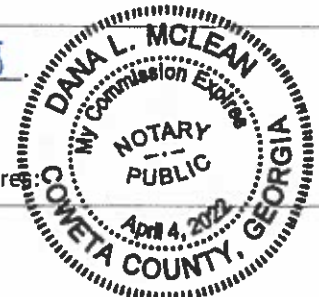
Signature: *[Handwritten Signature]*

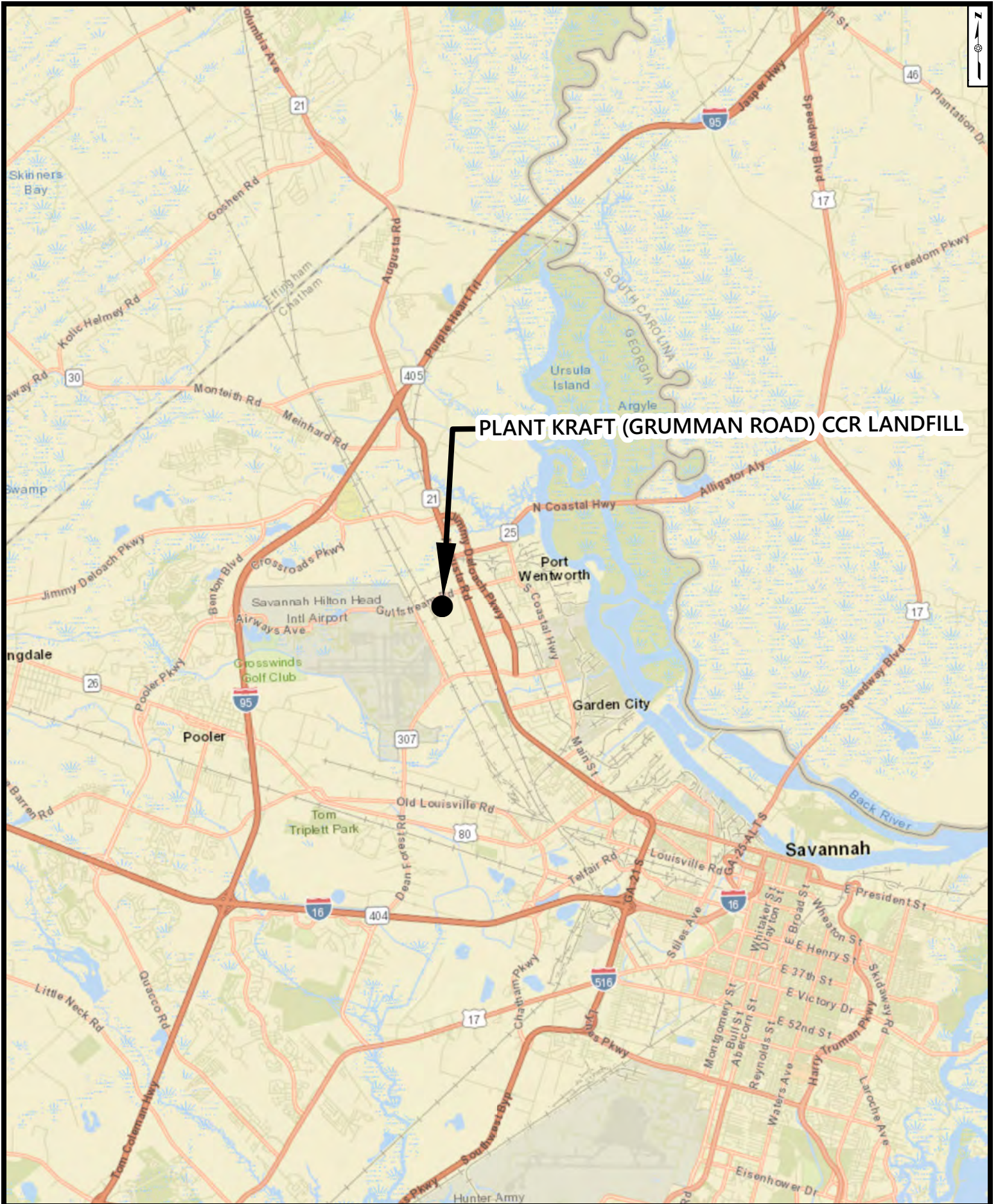
Date: 11/13/18

Sworn to and subscribed before me this 13 day of November, 2018.

Notary Public: *[Handwritten Signature]*

My commission expires





PLANT KRAFT (GRUMMAN ROAD) CCR LANDFILL

Location Map

Georgia Power Company - Plant Kraft
CCR Landfill

Date: 11/2/2018



3. PROFESSIONAL ENGINEER CERTIFICATION



ATLANTIC COAST
CONSULTING, INC.

1150 Northmeadow Parkway
Suite 100
Roswell, GA 30076
(770) 594-5998
www.atlcc.net

May 26, 2023

Mr. Richard Dunn
Director
Georgia Environmental Protection Division
2 Martin Luther King Jr. Drive
Suite 1456
Atlanta, GA 30334-9000

**Re: Professional Engineer Certification
Rule 391-3-4-.10(9)(b)5
Rule Grumman Road Ash Landfill**

Dear Mr. Dunn:

Atlantic Coast Consulting, Inc. (ACC), is an engineering firm employing professional engineers in good standing in accordance with State statutes, and the firm has experience in the design and construction of solid waste disposal facilities. Joy E. Headrick, PE, with ACC is the Engineer of Record for this permit application. She is registered in the state of Georgia and has more than 20 years of experience in Engineering.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I do hereby certify that the permit application requirements of the Georgia Environmental Protection Division Solid Waste Rule 391-3-4-.10 for Management of Coal Combustion Residuals have been met."



ATTEST:

Atlantic Coast Consulting, Inc.
Engineering Firm

Joy E. Headrick, P.E.
Name of Professional Engineer

Joy E. Headrick
Signature

5/26/2023
Date

4. LAND USE CONFIRMATION



CITY OF PORT WENTWORTH

305 South Coastal Highway Port Wentworth, Georgia 31407
(912) 964-4379
(912) 966-7429 (f)
www.cityofportwentworth.com

MAYOR
Glenn Jones

COUNCIL MEMBERS
Thomas Barbee
Jud Bowers
Paul Fox
Bill Herrin
Debbie Johnson
Barbara Powers

CITY ADMINISTRATOR
Phillip Claxton

10 November, 2017

Mr. Jeffrey W. Cown

Branch Chief

Georgia Environmental Protection Division

2 Martin Luther King Jr. Drive, SE

Suite 1054, East Floyd Tower

Atlanta, GA 30334-9000

Re: Georgia Power – Grumman Road Landfill

Permit Application – CCR Landfill

Dear Mr. Cown:

The Georgia Power CCR Landfill located at 120 Gulfstream Road, Port Wentworth, GA, complies with local zoning and land use ordinances.

Sincerely,

J. Brian Harvey, CBO, CFM

Director of Development Services

City of Port Wentworth, Georgia