

**LEGACY CCR SURFACE IMPOUNDMENT  
APPLICABILITY REPORT**

**ASH POND 1**

**CANADYS POWER STATION  
DORCHESTER COUNTY  
SOUTH CAROLINA**

**Prepared For:**

**DOMINION ENERGY SOUTH CAROLINA, INC.  
220 OPERATIONS WAY, MC C221  
CAYCE, SOUTH CAROLINA 29033-3701**

**Prepared By:**

**CIVIL & ENVIRONMENTAL CONSULTANTS, INC.  
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CHARLOTTE, NORTH CAROLINA 28273**



**CEC Project No. 343-374**

**November 2024**



**Civil & Environmental Consultants, Inc.**

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## 1.0 PURPOSE

On behalf of Dominion Energy South Carolina, Inc. (DESC), Civil & Environmental Consultants, Inc. prepared this legacy coal combustion residual (CCR) surface impoundment applicability report for Ash Pond 1 at the former Canadys Power Station (Canadys Station) located in Walterboro, South Carolina. As documented in this report, Ash Pond 1 meets the definition of a legacy CCR surface impoundment (LSI) under 40 CFR 257.53 of the Legacy CCR Rule published in the Federal Register on May 8, 2024. Pursuant to 40 CFR 257.100(f)(1)(i) and (ii), a Legacy CCR surface impoundment applicability report must be completed and placed into the facility's CCR operating record by November 8, 2024.

## 2.0 REQUIRED INFORMATION

### 2.1 OWNER CONTACT INFORMATION

*§257.100(f)(1)(i)(A) The name and address of the person(s) owning and operating the legacy CCR surface impoundment with their business phone number and email address.*

Owner and Operator: Dominion Energy South Carolina, Inc.  
220 Operations Way, MC C221  
Cayce, South Carolina 29033-3701  
Contact Person: Iris Griffin – Vice President, Power Generation  
Business Phone: 803-217-6642  
Email: iris.griffin@dominionenergy.com

### 2.2 LEGACY SURFACE IMPOUNDMENT INFORMATION

*§257.100(f)(1)(i)(B) The name associated with the legacy surface impoundment.*

LSI Name: Ash Pond 1

*§257.100(f)(1)(i) (C) Information to identify the legacy CCR surface impoundment, including a figure of the facility and where the unit is located at the facility, facility address, and the latitude and longitude of the facility.*

Refer to **Figure 1** for impoundment location.

Facility Address 13139 Augusta Highway, Walterboro, SC 29488  
Facility Latitude: 33.060063 degrees  
Facility Longitude: -80.626927 degrees

***§257.100(f)(1)(i)(D) The identification number of the legacy CCR impoundment if one has been assigned by the state.***

No state identification number has been assigned.

***§257.100(f)(1)(i)(E) A description of the current site conditions, including the current use of the inactive facility.***

Ash Pond 1 was constructed in 1974 and received CCR generated at the Canadys Station from 1974 to 1988. Ash Pond 1 was constructed as an 81-acre earthen berm impoundment composed of indigenous earthen material and was designed to impound Station-generated coal ash slurry for settling prior to subsequent removal and reuse. Ash Pond 1 ceased receiving CCR in 1988. Subsequently, CCR was removed for beneficiation and reuse until 1994. Approximately 80 percent of the stored ash was removed from Ash Pond 1 by 1994 and an estimated 550,000 cubic yards of coal ash remains. Subsequently, a low-permeability soil-bentonite slurry wall was installed in the Ash Pond 1 dike followed by a pond dewatering system. Currently, Ash Pond 1 is not being used for any Station operations and is preparing for closure by removal as authorized by the South Carolina Department of Health and Environmental Control Industrial Wastewater Permitting Section in their letter of approval LOA-004862 issued on 11/1/18.

### 3.0 APPLICABILITY

***§257.53 Legacy CCR surface impoundment means a CCR surface impoundment that no longer receives CCR but contained both CCR and liquids on or after October 19, 2015, and that is located at an inactive electric utility or independent power producer.***

Canadys Station ceased operations in 2014 prior to October 19, 2015, the effective date of the original CCR Rule. Under the revised Legacy CCR Rule, published in the Federal Register May 8, 2024, a surface impoundment that no longer receives CCR but contained both CCR and liquids on or after October 19, 2015, is defined as a “Legacy CCR Surface Impoundment”.

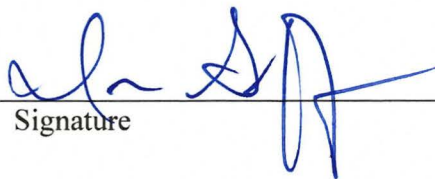
Ash Pond 1 contains both CCR and liquids. As the pond is located at an inactive electric utility power producer and contained both CCR and liquids on or after October 19, 2015, it meets the definition of an LSI under the revised Legacy CCR Rule.

#### 4.0 OWNER/OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this demonstration and all attached documents, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Iris Griffin – Vice President, Power Generation

Printed Name of Authorized Representative of Owner/Operator

  
Signature

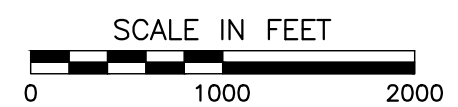
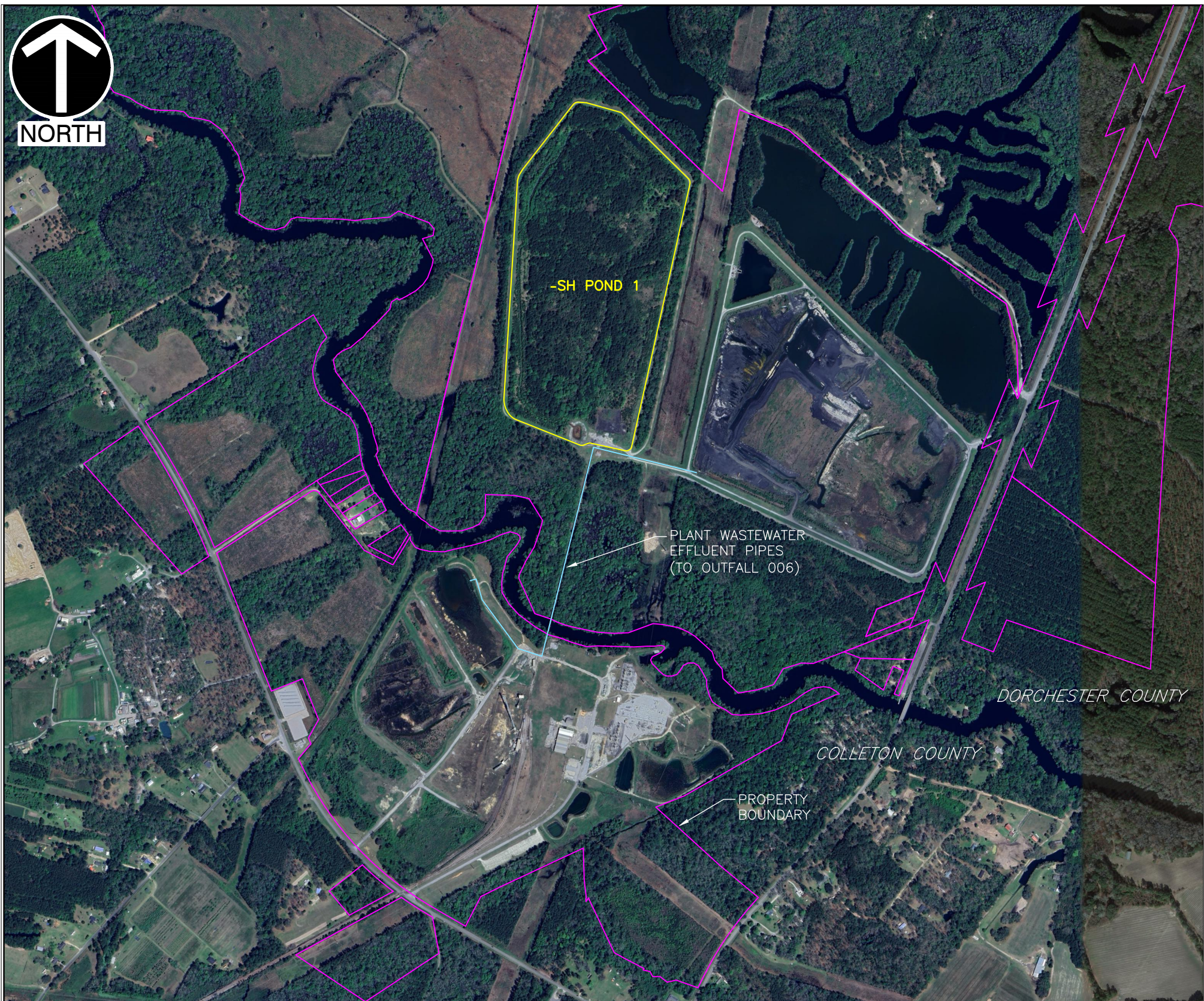
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**APPENDIX A**  
**SITE PLAN**

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F:\340-000\343-374\C-CD\DWG\343-374 Site Plan for Canadys Station.dwg[FIGURE 1--SH POND 1] LS:(10/30/2024 - blopez) - LP: 10/30/2024 1:03 PM



**REFERENCE**

1. -ERI-L PHOTO T-KEN FROM GOOGLE E-RTH PRO, IM-GE D-TED -PRIL 10, 2023.
2. DOMINION ENERGY PROPERTY BOUND-RIES OBT-INED FROM COLLETON COUNTY -ND DORCHESTER COUNTY GIS ON -UGUST 2, 2024.
3. POND OUTLINES B-SED ON FIGURE 2, "F-CILITY L-YOUT & FE-TURES" FROM "CLOSURE PL-N FOR THE C-N-DYS ST-TION SOUTHWEST DISPOS-L -RE- & FORMER CO-L PILE" BY G-RRETT & MOORE D-TED OCTOBER 2020.



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DOMINION ENERGY SOUTH CAROLINA  
 APPLICABILITY REPORT  
 ASH POND 1  
 CANADYS STATION, SOUTH CAROLINA

**SITE PLAN**

|           |               |             |          |              |         |             |   |
|-----------|---------------|-------------|----------|--------------|---------|-------------|---|
| DRAWN BY: | BML           | CHECKED BY: | TBM      | APPROVED BY: | RB      | FIGURE NO.: | 1 |
| DATE:     | NOVEMBER 2024 | DWG SCALE:  | 1"=1000' | PROJECT NO:  | 343-374 |             |   |