



**Williams Station Highway 52 Class III Landfill  
Groundwater Monitoring System Certification  
per 40 CFR 257.91(f)**

**Williams Generating Station  
Berkeley County, South Carolina**

**October 15, 2024**

*Prepared For  
Dominion Energy South Carolina*

A handwritten signature in black ink, appearing to read "Nakia W. Addison".

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Nakia W. Addison, P.E.  
Senior Engineer

*TRC Environmental Corporation | Dominion Energy South Carolina  
Groundwater Monitoring System Certification  
Williams Station Highway 52, Berkeley County, South Carolina*

# Regulatory Requirement

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Pursuant to 40 CFR 257.91(a), the Dominion Energy South Carolina (DESC) Williams Generating Station has installed a groundwater monitoring system around its Class III Industrial Landfill (Landfill). Per 40 CFR 257.91(f), the owner or operator must obtain a certification from a qualified professional engineer stating the groundwater monitoring system has been designed and constructed to meet the requirements of 40 CFR 257.91.

In January 2023, DESC installed three new groundwater monitoring wells (MW-LF-29, MW-LF-30, and MW-LF-31) along the northern edge of the Landfill as part of an evaluation of the Coal Combustion Residual (CCR) Monitoring Well Network performed by TRC in July 2022 (TRC, 2022). The newly installed wells were sampled from January 2023 through August 2023, to collect eight rounds of background monitoring data. Based on the evaluation of the EPA CCR Compliance Monitoring Well Network, a data gap remained with respect to the groundwater flow direction at the waste boundary of the Unit. As such, additional monitoring wells (MW-LF-32, MW-LF-33, MW-LF-34, and MW-LF-35) were installed in November 2023 to assist with better understanding groundwater flow at the waste boundary of the Unit. From January 2024 to August 2024, the new monitoring wells were sampled to collect eight rounds of baseline monitoring data.

To ensure the groundwater monitoring well network meets the requirements of 40 CFR §257.91, the monitoring well network is being updated to include existing wells MW-LF-20, MW-LF-21, MW-LF-22D, MW-LF-23D, MW-LF-24, MW-LF-25, and MW-LF-27 and newly installed wells MW-LF-29, MW-LF-30, MW-LF-31, MW-LF-33, MW-LF-34, and MW-LF-35. The revised monitoring network is presented on **Figure 1: CCR Rule Compliance Monitoring Well Network**.

# Certification

I, the undersigned South Carolina Professional Engineer, hereby certify that I am familiar with the technical requirements of 40 CFR 257.91. I also certify that it is my professional opinion that, to the best of my knowledge, information, and belief, the groundwater monitoring system has been designed and constructed in accordance with current good and accepted engineering practice(s) and standard(s) appropriate to the nature of the project and the technical requirements of 40 CFR 257.91.

For the purpose of this document, “certify” and “certification” shall be interpreted and construed to be a “statement of professional opinion”. The certification is understood and intended to be an expression of my professional opinion as a South Carolina Licensed Professional Engineer, based upon knowledge, information, and belief. The statement(s) of professional opinion are not and shall not be interpreted or construed to be a guarantee or a warranty of the monitoring system.

Name: Nakia W. Addison

Expiration Date: June 30, 2024

Company: TRC Engineers

Date: October 15, 2024







## Figure 1



Coordinate System: NAD 1983 StatePlane South Carolina FIPS 3800 Feet, Map Rotation: 0  
-- Saved By: L.LILL on 9/26/2024, 13:17:43 PM, File Path: T:\PROJECTS\DOMINION SOUTH CAROLINA\6 - Williams - SCL Williams Station Hwy 52-2-APRX\2024\_Figures\2024\_Figures.aprx, Layout Name: Fig02\_Williams\_Hwy52\_Stewide\_CCR\_LF\_WellNetwork



**LEGEND**

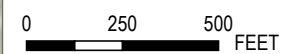
-  CCR BACKGROUND MONITORING WELL
-  CCR DOWNGRAIDENT MONITORING WELL
-  CLASS III LANDFILL BOUNDARY
-  PROPERTY BOUNDARY


**NOTES:**

1. AERIAL IMAGE FROM ESRI WORLD IMAGERY DATED OCTOBER, 2022.



1:6,000  
1" = 500'



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|--|-----------------------------|
| PROJECT: <b>DESC WILLIAMS STATION<br/>HIGHWAY 52 CLASS III LANDFILL<br/>MONCK'S CORNER, SOUTH CAROLINA</b>   |                             |
| TITLE: <b>CCR RULE COMPLIANCE<br/>MONITORING WELL NETWORK</b>  |                             |
| DRAWN BY: L. LILL  | PROJ. NO.: 416559.0006.0000 |
| CHECKED BY: J. YONTS   | <b>FIGURE 1</b>             |
| APPROVED BY: R. MAYER  |                             |
| DATE: SEPTEMBER 2024   |                             |
|  50 INTERNATIONAL DRIVE<br>PATEWOOD PLAZA THREE, SUITE 150<br>GREENVILLE, SC 29615<br>PHONE: 864.281.0030 |                             |
| FILE:  | 2024_Figures.aprx           |