AECOM

Uranium Source Assessment Report

Columbia Fuel Fabrication Facility
Hopkins, Richland County, South Carolina

Westinghouse Electric Company, LLC

Project Number: 60700386

September 28, 2026

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Acronyms

bgs	below ground surface
bss	below soil surface
CFFF	Columbia Fuel Fabrication Facility
CWW	contaminated wastewater
CWWMH	contaminated wastewater line manhole
GEL	GEL Laboratories, LLC
IUSL	industrial use screening Level
OU	Operational Unit
RME	reasonable maximum exposure
SOLX	solvent extraction
TBD	Technical Basis Document
TOC	total organic carbon
U	uranium
Westinghouse	Westinghouse Electric Company, LLC

1. Introduction

Westinghouse Electric Company, LLC (Westinghouse) Columbia Fuel Fabrication Facility (CFFF) is located at 5801 Bluff Road (referred to as site or property hereafter) in Hopkins, approximately 15 miles southeast of Columbia, South Carolina (**Figure 1**). The site includes approximately 1,151 acres, with the developed area encompassing approximately 75 acres centrally located on the site, thereby creating substantial buffers from adjoining properties. The property is surrounded by rural forested and agricultural property. CFFF began operations in 1969 and manufactures fuel assemblies and components for the commercial nuclear power industry.

Scrap materials generated during uranium (U) manufacturing activities are processed to recover and recycle the U. The site has a Solvent Extraction (SOLX) process to remove impurities from the recycled material, producing a clean uranyl nitrate that is returned to production operations as a feed material. Historical assessment of SOLX in 1991, as documented in the Final Remedial Investigation Report (AECOM, 2023), indicated that soil beneath the building is impacted by historical releases of U. The SOLX area is located within the Chemical Area Operational Unit (OU, **Figure 2**). Monitoring well locations and the delineated horizontal extent of U impact in groundwater downgradient of the SOLX area are shown on **Figure 3.**

In 2011, CFFF personnel discovered a breach in a contaminated wastewater (CWW) line beneath the SOLX area. Soil samples and a process wastewater sample collected by CFFF personnel in the vicinity of the breach indicated U impacts. In response, the affected section of CWW piping was abandoned in place and replaced with new above ground piping.

CFFF instituted an underground piping integrity program in 2018 to perform periodic inspections, maintenance and life cycle management of its underground piping. On September 9, 2024, a leak was confirmed in a closed loop cooling water return line beneath the SOLX area. The leak was identified when water was observed flowing through a section of the CWW piping that had been abandoned in the 2011 leak repair. The cooling water return line was located above the abandoned CWW piping, allowing leaked cooling water to enter the deteriorated pipe, where it could migrate into surrounding soil through existing breaches. Upon confirmation of the cooling water leak, the affected section of the cooling water return line was isolated, and repairs were completed.

Building monitoring well W-56 is located downgradient of the SOLX area. Following discovery of the cooling water leak, an investigation was initiated to assess whether the water leak may have contributed to increasing U concentrations observed in W-56.

1.1 Investigation Objective

In February 2026, AECOM submitted the Uranium Source Assessment Work Plan (AECOM, 2026) to SCDES which included a scope of work designed to evaluate soil and groundwater quality in the SOLX area. The objective of this source area assessment was to assess if historical U impacts in vadose zone soil beneath SOLX could be contributing to the increasing total U concentrations in groundwater from well W-56.

Additionally, the assessment evaluated potential correlations between total organic carbon (TOC) and U concentrations in groundwater from well W-56 and surrounding upper zone surficial aquifer wells. Elevated TOC concentrations (e.g., greater than 10 mg/L, in concert with other geochemical considerations) can enhance uranium mobility by forming soluble organic complexes, thereby reducing the tendency of U to adsorb to soil.

2. Soil Sample Collection

In accordance with the Work Plan, six borings (SOLX-1 through SOLX-6) were advanced using dedicated stainless steel hand augers within SOLX and three borings were advanced near the CWW line manhole (CWWMH, CWWMH-North, CWWMH-East, and CWWMH-West). The SOLX borings were advanced to hand auger refusal or a depth of 10 feet below soil surface (bss), whichever was less. The depth to the water table below SOLX is approximately 11 feet bss (or approximately 7 feet below ground surface [bgs]) based upon historical water levels from monitoring wells W-

55 and W-56. The plant building floor is approximately 4 feet above ground surface and the concrete floor in this area is approximately 1 foot thick.

Composite soil samples were collected from the following intervals in SOLX: 1-2 feet bss, 2-4 feet bss, 4-6 feet bss, 6-8 feet bss, and 8-10 feet bss, with the exception of borings where hand auger refusal was encountered at shallower depths. The top foot of soil generated at each SOLX boring was discarded because the surface of the soil beneath the concrete could have been cross contaminated with U during the coring and removal of the concrete. The concrete floor in this area is known to contain elevated U concentrations.

The CWW line manhole borings were advanced to 7 feet bgs. The CWW line that is above ground in SOLX goes underground along the western side of the plant building and connects to the CWW line that parallels the plant building at a depth of approximately 6 feet bgs at the location of the manhole cover. These CWWMH borings were advanced approximately 3 to 5 feet from the manhole cover in the directions indicated in the sample names. Composite soil samples were collected from 6-7 feet bgs in the CWWMH borings.

When pulling the hand auger bucket out of the borehole and pushing the hand auger bucket back into the borehole, soil from the sidewalls of the borehole can collapse into the bottom of the borehole and the outside of the bucket can brush against the sidewalls. Soil that falls to the bottom of the borehole during the removal and insertion of the hand auger bucket or stick to the outside of the hand auger bucket can cross contaminate deeper soil samples.

Soil from the top and sides of the hand auger bucket was emptied into 3-gallon plastic bags within 5-gallon steel buckets to ensure that representative samples were collected from the desired depths. Soil within the buckets was weighed, used to calculate the amount of U in each bag by CFFF personnel, and has been properly disposed of as low level radioactive waste by CFFF.

Soil from the composite sample intervals was emptied from the hand auger bucket onto a 3 foot by 3 foot 4-mil polyethylene plastic mixing square, dedicated to the specified sampling interval, and homogenized. Homogenized soil samples were placed in pre-cleaned, laboratory-provided sample bottles for analysis by GEL Laboratories, LLC (GEL) for isotopic U, TOC, and percent moisture.

Subsurface lithology from each borehole was logged by an AECOM geologist. Boring logs are included in **Appendix A**.

3. Groundwater Sample Collection

As discussed in the Work Plan (AECOM, 2026), groundwater samples from monitoring wells W-37, W-54, W-55, W-56, W-57, W-73, and W-75 (**Figure 3**) were collected during the April 2026 groundwater sampling campaign using low-flow sampling methodology. Groundwater sample collection records were submitted to the South Carolina Department of Environmental Services via e-permitting on July 23, 2026 in accordance with Part III Section C.1.j. of the facility's National Pollution Discharge Elimination System Permit, SC0001848. These specific groundwater samples were analyzed by GEL for TOC using SW-846 Test Method 9060. To assess what, if any, contribution to the TOC concentration microbial or soil particles may have contributed to the TOC results, both unfiltered and field filtered samples were collected. Groundwater in the field filtered samples was pumped through a 0.45 micron filter to remove the fine-grained sediment and/or microbes prior to discharge into the sample bottle.

4. Soil Analytical Results

Analytical results from within SOLX indicated U isotope concentrations above the industrial use screening level (IUSL, NRC, 2006) in soil from two borings, SOLX-1 and SOLX-4. The uranium isotope IUSLs from SOLX-1 were exceeded in the 1-2 foot, 2-4 feet, and 4-6 feet bss samples. Hand auger refusal was encountered in this borehole at six feet. Uranium isotopes U-235/236 and U-238 exceeded their IUSLs in soil from SOLX-4 at the 1-2 foot sampling interval only. The remaining U isotope activity in the SOLX soil samples were well below their respective IUSLs. Similarly, isotopic U in the soil samples collected near the CWW line manhole were well below their respective IUSLs.

IUSLs use conservative assumptions to develop an exposure scenario where it assumes that an industrial worker will not live on the property, drink the groundwater or actively farm the land and eat the resulting produce. Although the soil samples collected from SOLX-1 and SOLX-4 indicated that soil beneath the concrete slab in this area exceed their IUSL, these screening levels do not consider distance, shielding and/or engineered controls in their exposure scenarios. The highest total U concentration in soil beneath SOLX was from the 2-4 foot bss sampling interval in SOLX-4 at a concentration of 6,640 pCi/g. This depth interval is approximately 1 foot bgs.

SOLX has a concrete floor separating the industrial worker from the impact, thereby eliminating direct contact and airborne exposure pathways. The potential for the transport of U in the areas of impact (SOLX-1 and SOLX-4) is limited due to building roof and concrete floor, except for the release of liquids in this area which may mobilize the U impact to the water table.

The deepest soil sample collected from SOLX-1 was 6 feet bss, or approximately 3 feet bgs. The depth to the water table in nearby monitoring wells W-55 and W-56 has ranged from approximately 8 feet bgs to 10 feet bgs since the wells were installed in 2018. Therefore, the U impact documented during this field effort will not come in contact with the water table. However, it's possible that the U impact near SOLX-1 extends to the water table. Hand auger refusal on construction debris in SOLX-1 did not allow advancement of this boring beyond 3 feet bgs (6 feet bss).

Attempts to hand auger around this debris or remove it from the bottom of the borehole were unsuccessful. The approximately one-foot concrete floor at the SOLX borings was removed by a core drill with a drill bit that was slightly larger than the hand auger bucket which resulted in vertical or nearly vertical boreholes and left little room to attempt to angle the borehole around an obstruction. Existing above-ground infrastructure at SOLX-1 did not allow for an offset boring to be attempted.

Potential dose and risk were calculated based upon a reasonable maximum exposure (RME) scenario in Technical Basis Documents (TBD) by Leidos (Leidos, 2026). The TBD evaluation considered an industrial worker at CFFF as the RME in the evaluation and used conservative assumptions (e.g., using lower density and thinner asphalt for shielding the worker from residual U in the soil and default occupancy times event though CFFF workers are anticipated to spend less time in the areas of impact) for this scenario. Results of the dose and risk assessment found that the dose-based target level was not exceeded for an industrial worker at the facility and that it was acceptable to leave the U impacted soil in place beneath the concrete floor until site decommissioning.

Radiological safety and decommissioning are regulated by the Nuclear Regulatory Commission (NRC), in accordance with NRC regulations and CFFF's Special Nuclear Material License, SNM-1107. CFFF maintains a decommissioning funding plan that addresses cleanup of radiological impacts across the site, including those within the Chemical Area OU.

5. Groundwater Analytical Results

TOC concentrations from groundwater samples from monitoring wells W-37, W-54, W-55, W-56, W-57, W-73, and W-75 for the unfiltered samples were estimated concentrations (J flagged concentrations between the reporting limit and the detection limit) while two of the filtered samples contained TOC concentrations above the detection limit at a concentration of 1.86 mg/L and 1.21 mg/L in groundwater samples from monitoring wells W-54 and W-55, respectively. These concentrations of TOC are not sufficient to result in U being solubilized from adsorbed U in soil within the water table to form organic complexes that could aid in U remaining in solution.

6. Conclusions and Recommendations

6.1 Conclusions

Based upon the results of this source assessment, AECOM concludes the following:

- Some of the soil below the concrete floor within SOLX is impacted with U, particularly in the area of boring locations SOLX-1 and SOLX-4.

- A TBD by Leidos (Leidos, 2026) concluded that the residual U concentrations do represent a risk to an industrial worker. The anticipated dose to CFFF workers is de minimis, and it is acceptable to leave the U impacted soil in place beneath SOLX until site decommissioning. Funding for this removal is already allocated in the facility's Decommissioning Funding Plan.
- Available data suggests that historical U impacts beneath the SOLX area may have contributed to the increasing U concentrations in building monitoring well W-56. The cooling water leak may have mobilized U from historically impacted vadose zone and/or saturated soil beneath the plant building. Alternatively, the leak may have provided a hydraulic driving force for the migration of U impacted groundwater from beneath the plant building. No other man-made, hydraulic driving forces affecting groundwater flow were identified beneath the plant building. The U concentrations observed in monitoring well W-56 may also be a combination of these mechanisms.
- Groundwater within the study area does not contain concentrations of TOC that could result in U being solubilized from U adsorbed to soil within the water table to form organic complexes that could aid U in remaining in solution.

6.2 Recommendations

Based on the above conclusions, it is recommended that the approved pilot study for remediation of U-impacted groundwater proceed as planned. In addition, quarterly monitoring of U concentrations in monitoring well W-56 and semiannual monitoring/evaluation of the sitewide well network should continue to assess groundwater conditions and confirm that onsite U impacts remain localized near the manufacturing building.

7. References

AECOM, 2025. Pilot Study Work Plan, Westinghouse Columbia Fuel Fabrication Facility, Hopkins, Richland County, South Carolina, January 2025.

AECOM, 2026. Uranium Source Assessment Work Plan, Columbia Fuel Fabrication Facility, Hopkins, Richland County, South Carolina, Westinghouse Electric Company, LLC, February 2026.

Leidos, 2026. Technical Basis Document - Evaluation of Dose and Risk from Uranium in Subsurface Soil Under the Solvent Extraction Building at the Westinghouse Columbia Fuel Fabrication Facility (WCFFF), August 26, 2026

NRC 2006. Consolidated Decommissioning Guidance, Appendix H, NUREG-1757, Vol. 1, Rev. 2.

Tables

Table 1 - Summary of Soil Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

		Analyte	% Moisture	Total Organic Carbon	Uranium-233/234	Uranium-235/236	Uranium-238	Total Uranium Isotopes
		IUSL			3310	39	179	
		Units	%	mg/kg	pCi/g	pCi/g	pCi/g	pCi/g
Location	Depth	Date						
SOLX-1	1-2 ft	5/5/2026	12.2	1710	3280	158	673	4110
SOLX-1	2-4 ft	5/5/2026	11.6	1330	5180	347	1120	6640
SOLX-1	4-6 ft	5/5/2026	10.9	1020	3590	224	780	4590
SOLX-2	1-2 ft	4/30/2026	13.5	958	110	7.41	18.5	136
SOLX-2	2-4 ft	4/30/2026	12.1	909	29.3	1.24	6.16	36.7
SOLX-2	4-6 ft	4/30/2026	13.5	1060	0.729	0.156	0.820	1.70
SOLX-2	6-8 ft	4/30/2026	14.1	744	0.928	0.134	0.238	1.90
SOLX-2	8-10 ft	4/30/2026	13.9	543	0.367	0.0079 U	0.505	0.950
SOLX-3	1-2 ft	4/29/2026	13.7	1050	50.1	2.75	10.8	63.6
SOLX-3	2-4 ft	5/4/2026	10.3	879	7.17	0.484	2.57	10.2
SOLX-3	4-6 ft	5/4/2026	12.5	675	0.924	0.0251 U	0.562	1.51
SOLX-3	6-8 ft	5/4/2026	12.7	555	1.79	0.0943 U	0.466	2.35
SOLX-3	8-10 ft	5/4/2026	12.4	825	0.861	-0.0197 U	0.501	1.36
SOLX-4	1-2 ft	5/1/2026	9.69	1360	899	55.0	210	1160
SOLX-4	2-4 ft	5/1/2026	10.4	1090	476	27.3	109	612
SOLX-4	4-6 ft	5/1/2026	11.4	1090	5.48	0.356	1.74	7.58
SOLX-4	6-8 ft	5/4/2026	14.7	800	2.76	0.298	1.12	4.17
SOLX-4	8-10 ft	5/4/2026	13.5	657	1.49	0.0624 U	1.06	2.61
SOLX-5	1-2 ft	4/29/2026	11.9	1140	8.83	0.645	2.35	11.8
SOLX-5	2-4 ft	4/29/2026	11.2	1300	3.80	0.160 U	1.00	4.96
SOLX-5	4-6 ft	4/30/2026	13.3	660	0.782	0.185	0.574	1.54
SOLX-5	6-8 ft	4/30/2026	14.4	830	0.704	0.108 U	0.857	1.67
SOLX-6	1-2 ft	4/29/2026	13.8	1470	27.0	1.00	7.61	35.6
SOLX-6	2-4 ft	5/1/2026	12.8	828	99.1	4.39	17.3	121
SOLX-6	4-6 ft	5/1/2026	14.1	1160	53.6	2.74	10.6	67.0
SOLX-6	6-8 ft	5/1/2026	12.9	629	14.4	1.17	3.45	19.0
SOLX-6	8-10 ft	5/1/2026	13.7	598	1.07	0.0367 U	0.771	1.88
CWWMH-NORTH	6-7 ft	5/11/2026	14.4	1480	4.15	0.171 U	1.81	6.13
CWWMH-EAST	6-7 ft	5/11/2026	17.2	1560	2.38	0.0288 U	0.953	3.36
CWWMH-WEST	6-7 ft	5/11/2026	15.6	1470	2.51	0.339	0.801	3.65

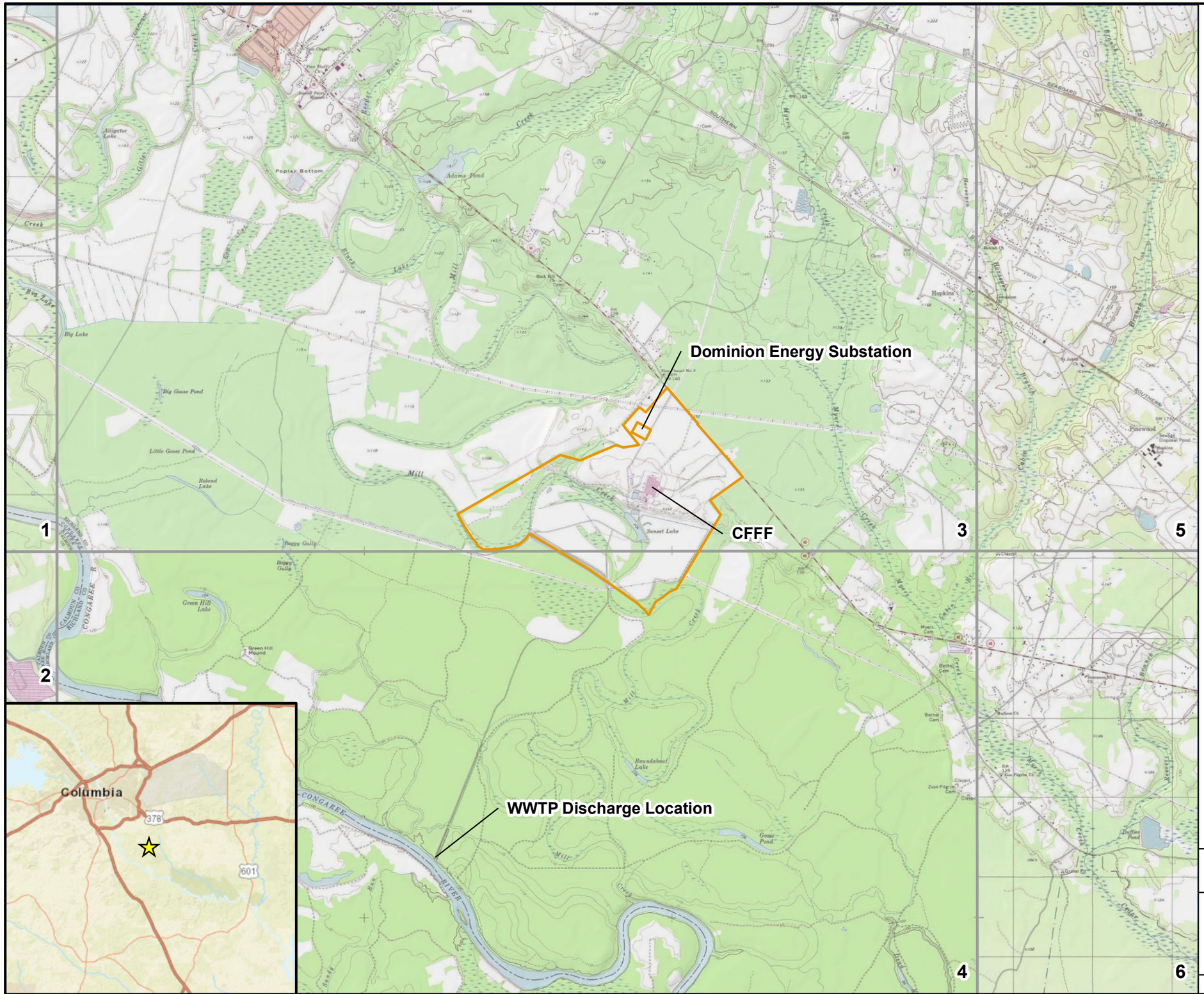
Notes:
IUSL - Industrial Use Screening Level
Shaded cells indicate U concentrations above the IUSL
Bold concentrations indicate detections
U - Result below the method detection limit
mg/kg - milligrams per kilogram
pCi/g - picocuries per gram
ft - feet

Table 2 - Summary of Groundwater Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

		Analyte	Total Organic Carbon
		Units	mg/L
Location	Type	Date	
W-37	F	4/16/26	0.805 J
W-37	UF	4/16/26	0.396 J
W-54	F	4/16/26	1.86
W-54	UF	4/16/26	0.493 J
W-55	F	4/15/26	1.21
W-55	UF	4/15/26	0.428 J
W-56	F	4/15/26	0.637 J
W-56	UF	4/15/26	0.514 J
W-57	F	4/15/26	0.867 J
W-57	UF	4/15/26	0.690 J
W-73	F	4/16/26	0.938 J
W-73	UF	4/16/26	0.799 J
W-75	F	4/16/26	0.811 J
W-75	UF	4/16/26	0.622 J

Notes: Bold concentrations indicate detections
J - Result below reporting limit
mg/L - milligrams per liter
F - filtered sample
UF - unfiltered sample

Figures



Legend

Locations

- Property Line
- Topographic Quadrangle Boundary

ID	Topographic Quadrangle Name
1	Southwest Columbia
2	Gaston
3	Fort Jackson South
4	Saylors Lake
5	Congaree
6	Gadsden

0 2,000 4,000 Feet

1:48,000

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

Data Source: Esri/USGS

N

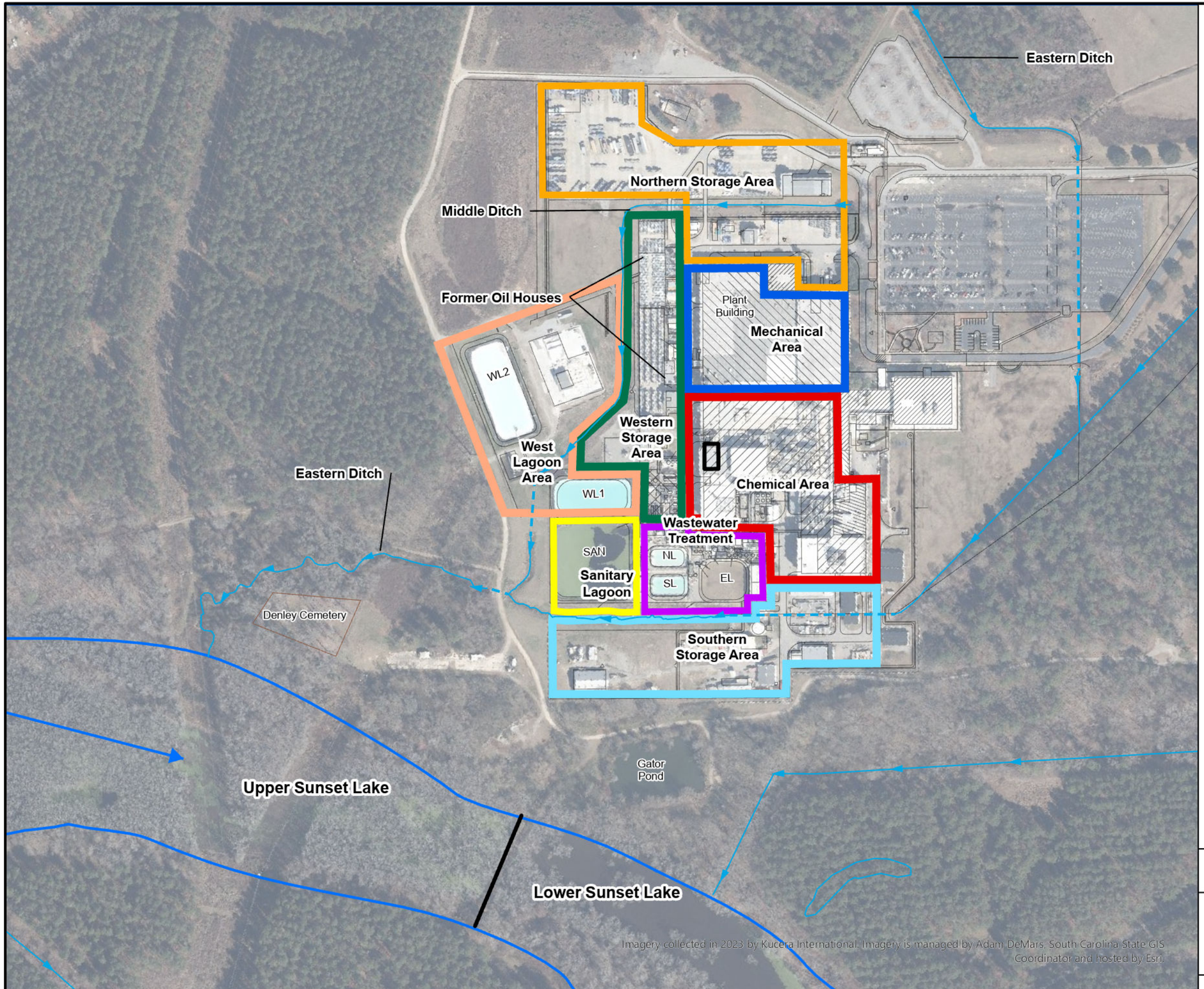
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Site Location Map

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	December 2025	**FIGURE 1**

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F1 Site Location Map.mxd



Legend

- Ditch
- Culvert
- Mill Creek Flow Direction
- EL Former East Lagoon
- NL North Lagoon
- SL South Lagoon
- SAN Sanitary Lagoon
- WL1 West Lagoon I
- WL2 West Lagoon II
- Mill Creek
- Dike Location
- Solvent Extraction Area Location

Operable Units

- Chemical Area
- Mechanical Area
- Northern Storage Area
- Sanitary Lagoon Area
- Southern Storage Area
- Wastewater Treatment Area
- West Lagoons Area
- Western Storage Area

0 150 300 Feet

1:3,600

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

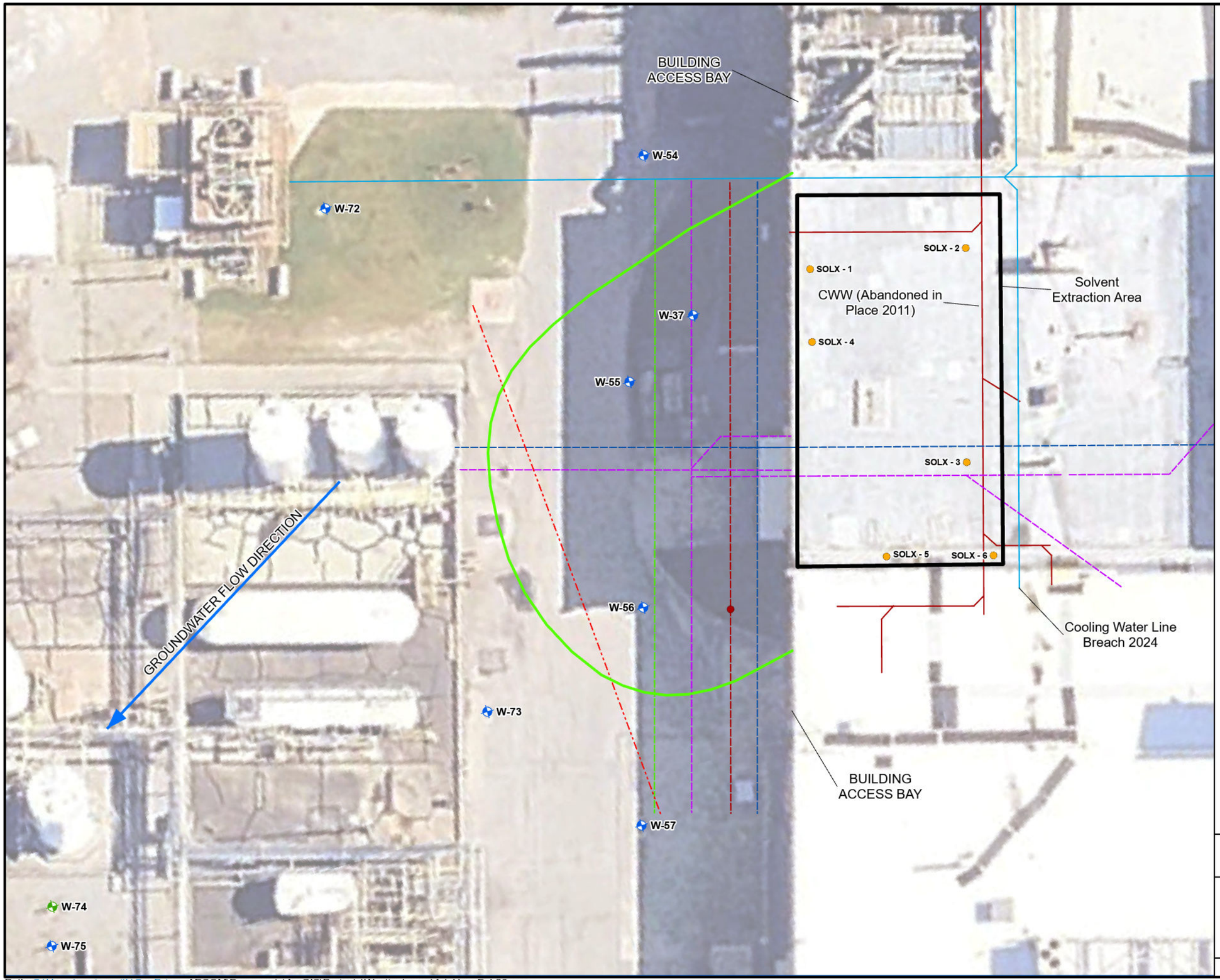
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Operational Units Map

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	February 2026	**FIGURE 2**

Path: C:\Users\carrie.smith\OneDrive - AECOM\Documents\ArcGIS\Projects\Westinghouse\Ad_Hoc_Feb26.aprx



Legend

- Uranium MCL Isocontour Line (30 µg/L)
- Soil Boring
- Manhole

Underground Utilities

- Electric
- Storm Sewer
- Contaminated Waste Water (CWW)
- Sanitary Sewer
- Process Sewer
- Cooling Tower Return Line
- Abandoned Contaminated Waste Water (CWW)

0 10 20 Feet

1:240

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

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Soil Boring Locations

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	September 2026	**FIGURE 3**

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Appendix A
Boring Logs

Soil Boring Report

BORING NO. SOLX-1
PAGE 1 OF 1

PROJECT:	Columbia Fuel Fabrication Facility - Uranium Source Assessment	PROJECT NO:	60700386
CLIENT:	Westinghouse Electric Co. LLC	LOCATION:	Hopkins, SC
CONTRACTOR:	-	ELEVATION:	-
EQUIPMENT:	3 1/4" Hand Auger	NORTHING:	-
		EASTING:	-
		DATE START:	5/5/2026
		DATE FINISH:	5/5/2026
		DRILLER:	-
		OVERSIGHT:	-

GROUNDWATER			DRILLING INFORMATION					
DATE	HRS	WATER	METHOD	HA	CASING	-	TEMP / PERM	Temp.
-	-	-	HOLE DIA.	3 1/4"	CASING DIA.	-	CASING TYPE	-
-	-	-	DEPTH	6'	CASING DEPTH	-	GROUT TYPE	Bent.
-	-	-	SAMPLING	Yes	HAMMER WT	-	HAMMER FALL	-

DEPTH IN FEET	ORGANIC VAPOR SCREENING (PPM)	SAMPLER BLOWS PER 6 INCHES	SAMPLE NUMBER	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS SOIL CLASSIFICATION:	USCS
	-	- / -	Disposed	Disposed	Sand, fine to medium grained, few silt, yellow and orange brown, dry	SP
	-	- / -	1	1-2'		
	-	- / -	2	2-4'		
	-	- / -				
	-	- / -	3	4-6'		
5.0	-	- / -			Silty sand, fine to medium grained, some clay, orange brown and yellow brown, moist	SM
	-	- / -			Hand auger refuseal at 6 feet on construction fill material.	
	-	- / -				
	-	- / -				
	-	- / -				
10.0	-	- / -				
	-	- / -				
	-	- / -				
	-	- / -				
15.0	-	- / -				
	-	- / -				
	-	- / -				
	-	- / -				
	-	- / -				
20.0	-	- / -				
					Note: 13" of concrete above soil.	

BLOWS/FT.	DENSITY
0-4	VERY LOOSE
5-10	LOOSE
11-30	MEDIUM DENSE
31-50	DENSE
50+	VERY DENSE

BLOWS/FT.	CONSISTENCY
0-2	VERY SOFT
3-4	SOFT
5-8	MEDIUM STIFF
9-15	STIFF
16-30	VERY STIFF
31+	HARD

SAMPLER ID.	
SS	SPLIT SPOON
ST	SHELBY TUBE
G	GRAB SAMPLE
MC	MACRO-CORE

DESCRIPTIONS	
MOSTLY	50-100%
SOME	30-45%
LITTLE	15-25%
FEW	5-10%
TRACE	<5%

NOTES	
WD	WHILE DRILLING
NE	NOT ENCOUNTERED
UR	NOT READ
NR	NO RECOVERY

Soil Boring Report

AECOM

BORING NO. SOLX-2
PAGE 1 OF 1

PROJECT:	Columbia Fuel Fabrication Facility - Uranium Source Assessment	PROJECT NO:	60700386
CLIENT:	Westinghouse Electric Co. LLC	LOCATION:	Hopkins, SC
CONTRACTOR:	-	ELEVATION:	-
EQUIPMENT:	3 1/4" Hand Auger	NORTHING:	-
		EASTING:	-
		DATE START:	4/29/2026
		DATE FINISH:	4/30/2026
		DRILLER:	-
		OVERSIGHT:	-

GROUNDWATER			DRILLING INFORMATION					
DATE	HRS	WATER	METHOD	HA	CASING	-	TEMP / PERM	Temp.
-	-	-	HOLE DIA.	3 1/4"	CASING DIA.	-	CASING TYPE	-
-	-	-	DEPTH	10'	CASING DEPTH	-	GROUT TYPE	Bent.
-	-	-	SAMPLING	Yes	HAMMER WT	-	HAMMER FALL	-

DEPTH IN FEET	ORGANIC VAPOR SCREENING (PPM)	SAMPLER BLOWS PER 6 INCHES	SAMPLE NUMBER	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS SOIL CLASSIFICATION:	USCS
	-	- / -	Disposed	Disposed	Silty sand, fine to medium grained, light brown, dry Moist at 0.5 feet	SM
	-	- / -	1	1-2'		
	-	- / -	2	2-4'		
	-	- / -			Silt, some fine to medium grained sand, reddish brown and yellow brown, hard, low plasticity, dry	ML
5.0	-	- / -	3	4-6'	Silty sand, fine to medium grained, light yelllow and reddish brown, dry	SM
	-	- / -				
	-	- / -	4	6-8'	Moist at 7.5 feet	
	-	- / -				
	-	- / -	5	8-10'	Sand, fine to coarse grained, some silt, reddish brown and yellow brown, moist	SW
10.0	-	- / -			Color transitions to light grey, very moist	
	-	- / -				
	-	- / -				
	-	- / -				
	-	- / -				
15.0	-	- / -				
	-	- / -				
	-	- / -				
	-	- / -				
	-	- / -				
20.0	-	- / -				
					Note: 13" of concrete above soil.	

BLOWS/FT.	DENSITY
0-4	VERY LOOSE
5-10	LOOSE
11-30	MEDIUM DENSE
31-50	DENSE
50+	VERY DENSE

BLOWS/FT.	CONSISTENCY
0-2	VERY SOFT
3-4	SOFT
5-8	MEDIUM STIFF
9-15	STIFF
16-30	VERY STIFF
31+	HARD

SAMPLER ID.	
SS	SPLIT SPOON
ST	SHELBY TUBE
G	GRAB SAMPLE
MC	MACRO-CORE

DESCRIPTIONS	
MOSTLY	50-100%
SOME	30-45%
LITTLE	15-25%
FEW	5-10%
TRACE	<5%

NOTES	
WD	WHILE DRILLING
NE	NOT ENCOUNTERED
UR	NOT READ
NR	NO RECOVERY

Soil Boring Report

AECOM

BORING NO. SOLX-3
PAGE 1 OF 1

PROJECT:	Columbia Fuel Fabrication Facility - Uranium Source Assessment	PROJECT NO:	60700386
CLIENT:	Westinghouse Electric Co. LLC	LOCATION:	Hopkins, SC
CONTRACTOR:	-	ELEVATION:	-
EQUIPMENT:	3 1/4" Hand Auger	NORTHING:	-
		EASTING:	-
		DATE START:	4/29/2026
		DATE FINISH:	5/4/2026
		DRILLER:	-
		OVERSIGHT:	-

GROUNDWATER			DRILLING INFORMATION					
DATE	HRS	WATER	METHOD	HA	CASING	-	TEMP / PERM	Temp.
-	-	-	HOLE DIA.	3 1/4"	CASING DIA.	-	CASING TYPE	-
-	-	-	DEPTH	10'	CASING DEPTH	-	GROUT TYPE	Bent.
-	-	-	SAMPLING	Yes	HAMMER WT	-	HAMMER FALL	-

DEPTH IN FEET	ORGANIC VAPOR SCREENING (PPM)	SAMPLER BLOWS PER 6 INCHES	SAMPLE NUMBER	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS SOIL CLASSIFICATION:	USCS
	-	-	Disposed	Disposed	Sand, fine to coarse grained, some silt, yellow brown, dry	SW
		-			Sandy silt, fine to medium grained, light yellow, slightly moist	SM
	-	-	1	1-2'	Color transitions to reddish brown at 1.5 feet, moist	
		-				
	-	-	2	2-4'	Sandy silt, fine to medium grained, some clay, yellow brown, moist, low plasticity	ML
		-			Color transitions to orange brown at 2.5 feet, moist	
	-	-			Clay no longer present, color tranistions back to yellow brown, dry at 3 feet	
		-				
5.0	-	-	3	4-6'		
		-			Silty sand, fine to medium grained, yellow and orange brown, slightly moist	SM
	-	-	4	6-8'	Sandy silt, fine to medium grained, yellow and orange brown, moist, low plasticity	ML
		-				
	-	-			Silty sand, fine to medium grained, grey and orange brown, some clay, slightly moist	SM
		-	5	8-10'		
	-	-			Clay no longer present, grain size increased to fine to coarse, moist at 8.5 feet	
10.0		-				
	-	-				
		-				
	-	-				
		-				
	-	-				
		-				
	-	-				
15.0		-				
	-	-				
		-				
	-	-				
		-				
	-	-				
		-				
	-	-				
20.0		-				
					Note: 13" of concrete above soil.	

BLOWS/FT.	DENSITY
0-4	VERY LOOSE
5-10	LOOSE
11-30	MEDIUM DENSE
31-50	DENSE
50+	VERY DENSE

BLOWS/FT.	CONSISTENCY
0-2	VERY SOFT
3-4	SOFT
5-8	MEDIUM STIFF
9-15	STIFF
16-30	VERY STIFF
31+	HARD

SAMPLER ID.	
SS	SPLIT SPOON
ST	SHELBY TUBE
G	GRAB SAMPLE
MC	MACRO-CORE

DESCRIPTIONS	
MOSTLY	50-100%
SOME	30-45%
LITTLE	15-25%
FEW	5-10%
TRACE	<5%

NOTES	
WD	WHILE DRILLING
NE	NOT ENCOUNTERED
UR	NOT READ
NR	NO RECOVERY

Soil Boring Report

BORING NO. SOLX-4
PAGE 1 OF 1

PROJECT:	Columbia Fuel Fabrication Facility - Uranium Source Assessment	PROJECT NO:	60700386
CLIENT:	Westinghouse Electric Co. LLC	LOCATION:	Hopkins, SC
CONTRACTOR:	-	ELEVATION:	-
EQUIPMENT:	3 1/4" Hand Auger & 2 3/4" Hand Auger	NORTHING:	-
		EASTING:	-
		DATE START:	5/1/2026
		DATE FINISH:	5/4/2026
		DRILLER:	-
		OVERSIGHT:	-

GROUNDWATER			DRILLING INFORMATION					
DATE	HRS	WATER	METHOD	HA	CASING	-	TEMP / PERM	Temp.
-	-	-	HOLE DIA.	3 1/4"	CASING DIA.	-	CASING TYPE	-
-	-	-	DEPTH	10'	CASING DEPTH	-	GROUT TYPE	Bent.
-	-	-	SAMPLING	Yes	HAMMER WT	-	HAMMER FALL	-

DEPTH IN FEET	ORGANIC VAPOR SCREENING (PPM)	SAMPLER BLOWS PER 6 INCHES	SAMPLE NUMBER	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS SOIL CLASSIFICATION:	USCS
	-	- / -	Disposed	Disposed	Silty sand, fine to medium grained, orange brown, dry	SM
	-	- / -	1	1-2'	Color transitions to yellow brown at 1.5 feet	
	-	- / -	2	2-4'	Silty sand, fine to medium grained, some clay, reddish brown and light grey, moist	SM
	-	- / -				
5.0	-	- / -	3	4-6'	Trace gravel from 5 to 8 feet	
	-	- / -				
	-	- / -	4	6-8'	Some clay, color tranistions to yellow brown and light grey at 7 feet	
	-	- / -	5	8-10'	Sandy silt, fine to medium grained, yellow brown, moist, low plasticity	ML
10.0	-	- / -			Silty sand, fine to medium grained, some clay, reddish brown and orange brown, moist	SM
	-	- / -				
	-	- / -				
	-	- / -				
	-	- / -				
15.0	-	- / -				
	-	- / -				
	-	- / -				
	-	- / -				
	-	- / -				
20.0	-	- / -				
					Note: 14" of concrete above soil.	

BLOWS/FT.	DENSITY
0-4	VERY LOOSE
5-10	LOOSE
11-30	MEDIUM DENSE
31-50	DENSE
50+	VERY DENSE

BLOWS/FT.	CONSISTENCY
0-2	VERY SOFT
3-4	SOFT
5-8	MEDIUM STIFF
9-15	STIFF
16-30	VERY STIFF
31+	HARD

SAMPLER ID.	
SS	SPLIT SPOON
ST	SHELBY TUBE
G	GRAB SAMPLE
MC	MACRO-CORE

DESCRIPTIONS	
MOSTLY	50-100%
SOME	30-45%
LITTLE	15-25%
FEW	5-10%
TRACE	<5%

NOTES	
WD	WHILE DRILLING
NE	NOT ENCOUNTERED
UR	NOT READ
NR	NO RECOVERY

Soil Boring Report

BORING NO. SOLX-5
PAGE 1 OF 1

PROJECT:	Columbia Fuel Fabrication Facility - Uranium Source Assessment	PROJECT NO:	60700386
CLIENT:	Westinghouse Electric Co. LLC	LOCATION:	Hopkins, SC
CONTRACTOR:	-	ELEVATION:	-
EQUIPMENT:	3 1/4" Hand Auger	NORTHING:	-
		EASTING:	-
		DATE START:	4/29/2026
		DATE FINISH:	4/30/2026
		DRILLER:	-
		OVERSIGHT:	-

GROUNDWATER			DRILLING INFORMATION					
DATE	HRS	WATER	METHOD	HA	CASING	-	TEMP / PERM	Temp.
-	-	-	HOLE DIA.	3 1/4"	CASING DIA.	-	CASING TYPE	-
-	-	-	DEPTH	7.5'	CASING DEPTH	-	GROUT TYPE	Bent.
-	-	-	SAMPLING	Yes	HAMMER WT	-	HAMMER FALL	-

DEPTH IN FEET	ORGANIC VAPOR SCREENING (PPM)	SAMPLER BLOWS PER 6 INCHES	SAMPLE NUMBER	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS SOIL CLASSIFICATION:	USCS
	-	- / -	Disposed	Disposed	Silty sand, fine to medium grained, orange brown, dry	SM
	-	- / -	1	1-2'	Moist	
	-	- / -	2	2-4'	Clay, few fine to medium grained sand, few silt, grey, most, high plasticity	CH
	-	- / -			Sandy clay, fine to medium grained, few silt, yellow brown, dry, low plasticity	SC
5.0	-	- / -	3	4-6'	Silty sand, fine to medium grained, orange brown, few clay, dry Some clay, color transitions to orange brown and grey	
	-	- / -	4	6-7.5'	Moist	
	-	- / -			Sandy clay, fine to medium grained, few silt, grey and orange brown, moist, high plasticity	CH
	-	- / -			Hand auger refuseal at 7.5 feet on construction fill material.	
10.0	-	- / -				
	-	- / -				
	-	- / -				
	-	- / -				
15.0	-	- / -				
	-	- / -				
	-	- / -				
	-	- / -				
20.0	-	- / -				
					Note: 14.5" of concrete above soil.	

BLOWS/FT.	DENSITY
0-4	VERY LOOSE
5-10	LOOSE
11-30	MEDIUM DENSE
31-50	DENSE
50+	VERY DENSE

BLOWS/FT.	CONSISTENCY
0-2	VERY SOFT
3-4	SOFT
5-8	MEDIUM STIFF
9-15	STIFF
16-30	VERY STIFF
31+	HARD

SAMPLER ID.	
SS	SPLIT SPOON
ST	SHELBY TUBE
G	GRAB SAMPLE
MC	MACRO-CORE

DESCRIPTIONS	
MOSTLY	50-100%
SOME	30-45%
LITTLE	15-25%
FEW	5-10%
TRACE	<5%

NOTES	
WD	WHILE DRILLING
NE	NOT ENCOUNTERED
UR	NOT READ
NR	NO RECOVERY

Soil Boring Report

BORING NO. SOLX-6
PAGE 1 OF 1

PROJECT:	Columbia Fuel Fabrication Facility - Uranium Source Assessment	PROJECT NO:	60700386
CLIENT:	Westinghouse Electric Co. LLC	LOCATION:	Hopkins, SC
CONTRACTOR:	-	ELEVATION:	-
EQUIPMENT:	3 1/4" Hand Auger	NORTHING:	-
		EASTING:	-
		DATE START:	4/29/2026
		DATE FINISH:	5/1/2026
		DRILLER:	-
		OVERSIGHT:	-

GROUNDWATER			DRILLING INFORMATION					
DATE	HRS	WATER	METHOD	HA	CASING	-	TEMP / PERM	Temp.
-	-	-	HOLE DIA.	3 1/4"	CASING DIA.	-	CASING TYPE	-
-	-	-	DEPTH	10'	CASING DEPTH	-	GROUT TYPE	Bent.
-	-	-	SAMPLING	Yes	HAMMER WT	-	HAMMER FALL	-

DEPTH IN FEET	ORGANIC VAPOR SCREENING (PPM)	SAMPLER BLOWS PER 6 INCHES	SAMPLE NUMBER	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS SOIL CLASSIFICATION:	USCS
	-	- / -	Disposed	Disposed	Silty sand, fine to coarse grained, orange brown, dry	SM
					Sand, fine to medium grained, yellow brown, some silt, moist	SP
	-	- / -	1	1-2'		
					Clayey sand, fine to medium grained, some silt, yellow brown, slightly moist	SC
	-	- / -	2	2-4'		
	-	- / -			Sandy silt, fine to medium grained, yellow brown and orange brown, slightly moist	ML
	-	- / -	3	4-6'		
5.0						
	-	- / -			Silty sand, fine to medium grained, yellow brown and orange brown, moist	SM
	-	- / -	4	6-8'	Color transitions to yellow at 6.5 feet	
	-	- / -			Sandy silt, fine to medium grained, orange brown and yellow, moist	ML
	-	- / -	5	8-10'		
					3 inches of light grey, high plasticity clay with few fine grained sand	CH
	-	- / -			Silty sand, fine to coarse grained, yellow and reddish orange, mosit	SM
10.0						
	-	- / -				
	-	- / -				
	-	- / -				
	-	- / -				
15.0						
	-	- / -				
	-	- / -				
	-	- / -				
	-	- / -				
	-	- / -				
20.0						
					Note: 17" of concrete above soil.	

BLOWS/FT.	DENSITY
0-4	VERY LOOSE
5-10	LOOSE
11-30	MEDIUM DENSE
31-50	DENSE
50+	VERY DENSE

BLOWS/FT.	CONSISTENCY
0-2	VERY SOFT
3-4	SOFT
5-8	MEDIUM STIFF
9-15	STIFF
16-30	VERY STIFF
31+	HARD

SAMPLER ID.	
SS	SPLIT SPOON
ST	SHELBY TUBE
G	GRAB SAMPLE
MC	MACRO-CORE

DESCRIPTIONS	
MOSTLY	50-100%
SOME	30-45%
LITTLE	15-25%
FEW	5-10%
TRACE	<5%

NOTES	
WD	WHILE DRILLING
NE	NOT ENCOUNTERED
UR	NOT READ
NR	NO RECOVERY

Soil Boring Report

BORING NO. CWWMH-North
PAGE 1 OF 1

PROJECT:	Columbia Fuel Fabrication Facility - Uranium Source Assessment	PROJECT NO:	60700386
CLIENT:	Westinghouse Electric Co. LLC	LOCATION:	Hopkins, SC
CONTRACTOR:	-	ELEVATION:	-
EQUIPMENT:	3 1/4" Hand Auger	NORTHING:	-
		EASTING:	-

GROUNDWATER			DRILLING INFORMATION						
DATE	HRS	WATER	METHOD	HA	CASING	-	TEMP / PERM	Temp.	DATE START: 5/11/2026
-	-	-	HOLE DIA.	3 1/4"	CASING DIA.	-	CASING TYPE	-	DATE FINISH: 5/11/2026
-	-	-	DEPTH	7'	CASING DEPTH	-	GROUT TYPE	Bent.	DRILLER: -
-	-	-	SAMPLING	Yes	HAMMER WT	-	HAMMER FALL	-	OVERSIGHT: -

DEPTH IN FEET	ORGANIC VAPOR SCREENING (PPM)	SAMPLER BLOWS PER 6 INCHES	SAMPLE NUMBER	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS SOIL CLASSIFICATION:	USCS
	-	- / -			Silty sand, fine to medium grained, trace clay, trace gravel, dry, yellow brown	SM
	-	- / -				
	-	- / -			Clay, some fine to medium grained sand, few silt, few gravel, moist, high plasticity, yellow brown	CH
	-	- / -			Sandy clay, fine to medium, wet, high plasticity, yellow brown and light gray	SC
	-	- / -				
5.0	-	- / -			Clay, some fine to medium grained sand, wet, high plasticity, yellow brown and light gray	CH
	-	- / -	1	(6-7')		
	-	- / -				
	-	- / -				
	-	- / -				
10.0	-	- / -				
	-	- / -				
	-	- / -				
	-	- / -				
	-	- / -				
15.0	-	- / -				
	-	- / -				
	-	- / -				
	-	- / -				
20.0	-	- / -				

BLOWS/FT.	DENSITY
0-4	VERY LOOSE
5-10	LOOSE
11-30	MEDIUM DENSE
31-50	DENSE
50+	VERY DENSE

BLOWS/FT.	CONSISTENCY
0-2	VERY SOFT
3-4	SOFT
5-8	MEDIUM STIFF
9-15	STIFF
16-30	VERY STIFF
31+	HARD

SAMPLER ID.	
SS	SPLIT SPOON
ST	SHELBY TUBE
G	GRAB SAMPLE
MC	MACRO-CORE

DESCRIPTIONS	
MOSTLY	50-100%
SOME	30-45%
LITTLE	15-25%
FEW	5-10%
TRACE	<5%

NOTES	
WD	WHILE DRILLING
NE	NOT ENCOUNTERED
UR	NOT READ
NR	NO RECOVERY

Soil Boring Report

BORING NO. CWWMH-East
PAGE 1 OF 1

PROJECT:	Columbia Fuel Fabrication Facility - Uranium Source Assessment	PROJECT NO:	60700386
CLIENT:	Westinghouse Electric Co. LLC	LOCATION:	Hopkins, SC
CONTRACTOR:	-	ELEVATION:	-
EQUIPMENT:	3 1/4" Hand Auger	NORTHING:	-
		EASTING:	-

GROUNDWATER			DRILLING INFORMATION						
DATE	HRS	WATER	METHOD	HA	CASING	-	TEMP / PERM	Temp.	DATE START: 5/11/2026
-	-	-	HOLE DIA.	3 1/4"	CASING DIA.	-	CASING TYPE	-	DATE FINISH: 5/11/2026
-	-	-	DEPTH	7'	CASING DEPTH	-	GROUT TYPE	Bent.	DRILLER: -
-	-	-	SAMPLING	Yes	HAMMER WT	-	HAMMER FALL	-	OVERSIGHT: -

DEPTH IN FEET	ORGANIC VAPOR SCREENING (PPM)	SAMPLER BLOWS PER 6 INCHES	SAMPLE NUMBER	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS SOIL CLASSIFICATION:	USCS
	-	- / -			Clayey sand, fine to medium grained, few gravel, slightly moist, yellow brown	SC
	-	- / -			Wet	
	-	- / -			Sandy clay, fine to medium grained, few silt, few gravel, moist, high plasticity, yellow brown	SC
	-	- / -			Wet	
	-	- / -				
5.0	-	- / -				
	-	- / -	1	(6-7')		
	-	- / -				
	-	- / -				
10.0	-	- / -				
	-	- / -				
	-	- / -				
	-	- / -				
15.0	-	- / -				
	-	- / -				
	-	- / -				
	-	- / -				
20.0	-	- / -				

BLOWS/FT.	DENSITY
0-4	VERY LOOSE
5-10	LOOSE
11-30	MEDIUM DENSE
31-50	DENSE
50+	VERY DENSE

BLOWS/FT.	CONSISTENCY
0-2	VERY SOFT
3-4	SOFT
5-8	MEDIUM STIFF
9-15	STIFF
16-30	VERY STIFF
31+	HARD

SAMPLER ID.	
SS	SPLIT SPOON
ST	SHELBY TUBE
G	GRAB SAMPLE
MC	MACRO-CORE

DESCRIPTIONS	
MOSTLY	50-100%
SOME	30-45%
LITTLE	15-25%
FEW	5-10%
TRACE	<5%

NOTES	
WD	WHILE DRILLING
NE	NOT ENCOUNTERED
UR	NOT READ
NR	NO RECOVERY

Soil Boring Report

BORING NO. CWWMH-West
PAGE 1 OF 1

PROJECT:	Columbia Fuel Fabrication Facility - Uranium Source Assessment	PROJECT NO:	60700386
CLIENT:	Westinghouse Electric Co. LLC	LOCATION:	Hopkins, SC
CONTRACTOR:	-	ELEVATION:	-
EQUIPMENT:	3 1/4" Hand Auger	NORTHING:	-
		EASTING:	-
		DATE START:	5/11/2026
		DATE FINISH:	5/11/2026
		DRILLER:	-
		OVERSIGHT:	-

GROUNDWATER			DRILLING INFORMATION					
DATE	HRS	WATER	METHOD	HA	CASING	-	TEMP / PERM	Temp.
-	-	-	HOLE DIA.	3 1/4"	CASING DIA.	-	CASING TYPE	-
-	-	-	DEPTH	7'	CASING DEPTH	-	GROUT TYPE	Bent.
-	-	-	SAMPLING	Yes	HAMMER WT	-	HAMMER FALL	-

DEPTH IN FEET	ORGANIC VAPOR SCREENING (PPM)	SAMPLER BLOWS PER 6 INCHES	SAMPLE NUMBER	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS SOIL CLASSIFICATION:	USCS
0.0	-	- / -			Clayey sand, fine to coarse grained, few silt, trace gravel, dry, yellow brown	SC
	-	- / -			Mosit and micaceous	
	-	- / -				
	-	- / -			Sandy clay, fine to coarse grained, few silt, moist, medium plasticity, yellow brown	CL
	-	- / -				
5.0	-	- / -			Sand, fine to medium grained, some clay, moist, yellow brown	SP
	-	- / -	1	(6-7')	Sandy clay, fine to medium grained, moist, medium plasticity, yellow brown	CL
	-	- / -				
	-	- / -				
10.0	-	- / -				
	-	- / -				
	-	- / -				
	-	- / -				
15.0	-	- / -				
	-	- / -				
	-	- / -				
	-	- / -				
20.0	-	- / -				

BLOWS/FT.	DENSITY
0-4	VERY LOOSE
5-10	LOOSE
11-30	MEDIUM DENSE
31-50	DENSE
50+	VERY DENSE

BLOWS/FT.	CONSISTENCY
0-2	VERY SOFT
3-4	SOFT
5-8	MEDIUM STIFF
9-15	STIFF
16-30	VERY STIFF
31+	HARD

SAMPLER ID.	
SS	SPLIT SPOON
ST	SHELBY TUBE
G	GRAB SAMPLE
MC	MACRO-CORE

DESCRIPTIONS	
MOSTLY	50-100%
SOME	30-45%
LITTLE	15-25%
FEW	5-10%
TRACE	<5%

NOTES	
WD	WHILE DRILLING
NE	NOT ENCOUNTERED
UR	NOT READ
NR	NO RECOVERY

Appendix B
Laboratory Analytical Reports

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

June 03, 2026

Diana Joyner
Westinghouse Electric Co. LLC
5801 Bluff Road
Hopkins, South Carolina 29061

Re: Soil and Vegetation Analysis
Work Order: 776561

Dear Diana Joyner:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on May 08, 2026. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

The samples were delivered with proper chain of custody documentation and signatures. The samples were screened according to GEL Standard Operating Procedure. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperatures were checked, documented, and within specifications. Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

The laboratory preserved the following containers:
No containers were preserved at GEL

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 1614.

Sincerely,

Delaney Stonesmith

Delaney Stonesmith
Project Manager

Purchase Order: 4500948999
Enclosures

problem solved

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

WNUC015 Westinghouse Electric (4500948999)

Client SDG: 776561 GEL Work Order: 776561

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a Tracer compound

** Analyte is a surrogate compound

U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Delaney Stonesmith.

Delaney Stonesmith

Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 3, 2026

Company :	Westinghouse Electric Co. LLC
Address :	5801 Bluff Road
	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-1 (1-2')	Project:	WNUC1503
Sample ID:	776561001	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	05-MAY-26 08:35		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	12.2%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		1710	200	500	mg/kg	1.00	1	KB3	05/20/26	1443	2998495	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/09/26	1917	2998494

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-1 (2-4')	Project:	WNUC1503
Sample ID:	776561002	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	05-MAY-26 09:40		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	11.6%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		1330	200	499	mg/kg	0.998	1	KB3	05/15/26	1547	2991904	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/09/26	1917	2991903

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Address :	5801 Bluff Road
	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-1 (4-6')	Project:	WNUC1503
Sample ID:	776561003	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	05-MAY-26 10:40		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	10.9%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		1020	200	500	mg/kg	0.999	1	KB3	05/15/26	1608	2991904	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/09/26	1917	2991903

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Contact:	Diana Joyner
Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-2 (1-2')	Project:	WNUC1503
Sample ID:	776561004	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	30-APR-26 11:45		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	13.5%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		958	200	499	mg/kg	0.998	1	KB3	05/19/26	1331	2995379	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/09/26	1915	2995378

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Contact:	Diana Joyner
Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-2 (2-4')	Project:	WNUC1503
Sample ID:	776561005	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	30-APR-26 13:07		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	12.1%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		909	200	500	mg/kg	0.999	1	KB3	05/19/26	1352	2995379	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/09/26	1915	2995378

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-2 (4-6')	Project:	WNUC1503
Sample ID:	776561006	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	30-APR-26 13:50		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	13.5%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		1060	200	500	mg/kg	1.00	1	KB3	05/19/26	1413	2995379	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/09/26	1915	2995378

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Contact:	Diana Joyner
Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-2 (6-8')	Project:	WNUC1503
Sample ID:	776561007	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	30-APR-26 14:40		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	14.1%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		744	198	496	mg/kg	0.992	1	KB3	05/21/26	1416	2993126	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/09/26	1915	2993125

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Contact:	Diana Joyner
Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-2 (8-10')	Project:	WNUC1503
Sample ID:	776561008	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	30-APR-26 15:44		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	13.9%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		543	197	494	mg/kg	0.987	1	KB3	05/21/26	1437	2993126	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/09/26	1915	2993125

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-3 (1-2')	Project:	WNUC1503
Sample ID:	776561009	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	29-APR-26 12:13		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	13.7%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		1050	200	500	mg/kg	1.00	1	KB3	05/21/26	1625	2991896	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/09/26	1915	2991894

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Certificate of Analysis

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	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-3 (2-4')	Project:	WNUC1503
Sample ID:	776561010	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	04-MAY-26 12:40		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	10.3%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		879	200	500	mg/kg	0.999	1	KB3	05/26/26	1413	2993128	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/09/26	1917	2993127

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-3 (4-6')	Project:	WNUC1503
Sample ID:	776561011	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	04-MAY-26 13:23		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	12.5%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		675	199	497	mg/kg	0.993	1	KB3	05/26/26	1433	2993128	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/09/26	1917	2993127

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Contact:	Diana Joyner
Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-3 (6-8')	Project:	WNUC1503
Sample ID:	776561012	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	04-MAY-26 13:52		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	12.7%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		555	198	496	mg/kg	0.991	1	KB3	05/26/26	1453	2993128	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/09/26	1917	2993127

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-3 (8-10')	Project:	WNUC1503
Sample ID:	776561013	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	04-MAY-26 14:50		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	12.4%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		825	199	497	mg/kg	0.994	1	KB3	05/26/26	1513	2993128	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/09/26	1917	2993127

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-5 (1-2')	Project:	WNUC1503
Sample ID:	776561014	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	29-APR-26 13:30		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	11.9%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		1140	199	498	mg/kg	0.995	1	KB3	05/20/26	1607	2990053	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/09/26	1915	2990052

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-5 (2-4')	Project:	WNUC1503
Sample ID:	776561015	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	29-APR-26 14:30		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	11.2%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		1300	199	497	mg/kg	0.994	1	KB3	05/20/26	1341	2998495	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/09/26	1915	2998494

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-5 (4-6')	Project:	WNUC1503
Sample ID:	776561016	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	30-APR-26 08:50		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	13.3%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		660	200	500	mg/kg	1.00	1	KB3	05/20/26	1401	2998495	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/09/26	1915	2998494

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-5 (6-8')	Project:	WNUC1503
Sample ID:	776561017	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	30-APR-26 10:15		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	14.4%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		830	200	500	mg/kg	1.00	1	KB3	05/21/26	1457	2993126	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/09/26	1917	2993125

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Contact:	Diana Joyner
Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-6 (1-2')	Project:	WNUC1503
Sample ID:	776561018	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	29-APR-26 10:45		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	13.8%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		1470	199	498	mg/kg	0.996	1	KB3	05/20/26	1422	2998495	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/09/26	1915	2998494

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: June 3, 2026

Company :	Westinghouse Electric Co. LLC
Address :	5801 Bluff Road
	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-6 (2-4')	Project:	WNUC1503
Sample ID:	776561019	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	01-MAY-26 08:55		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	12.8%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		828	199	499	mg/kg	0.997	1	KB3	05/21/26	1517	2993126	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/09/26	1917	2993125

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: June 3, 2026

Company :	Westinghouse Electric Co. LLC
Address :	5801 Bluff Road
	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-6 (4-6')	Project:	WNUC1503
Sample ID:	776561020	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	01-MAY-26 10:00		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	14.1%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		1160	198	494	mg/kg	0.988	1	KB3	05/22/26	1444	2998505	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/09/26	1917	2998504

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-6 (6-8')	Project:	WNUC1503
Sample ID:	776561021	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	01-MAY-26 10:46		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	12.9%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		629	200	500	mg/kg	0.999	1	KB3	05/22/26	1505	2998505	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/09/26	1917	2998504

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Contact:	Diana Joyner
Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-6 (8-10')	Project:	WNUC1503
Sample ID:	776561022	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	01-MAY-26 11:36		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	13.7%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		598	199	498	mg/kg	0.996	1	KB3	05/22/26	1525	2998505	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/09/26	1917	2998504

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Report Date: June 3, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road

Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID: SOLX-1 (1-2')
Sample ID: 776561001
Matrix: Soil
Collect Date: 05-MAY-26 08:35
Receive Date: 08-MAY-26
Collector: Client
Moisture: 12.2%

Project: WNUC1503
Client ID: WNUC015

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		12.2				percent			SB2	05/11/26	1013	2993074	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		4110	+/-49.1	3.71		pCi/g			KG3	05/26/26	1310	3000200	2
Uranium-233/234		3280	+/-43.6	2.42	0.500	pCi/g							
Uranium-235/236		158	+/-10.6	1.43	0.500	pCi/g							
Uranium-238		673	+/-19.8	2.44	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	SB2	05/11/26	1013	2993074

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			54.6	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

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Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road

Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID:	SOLX-1 (2-4')	Project:	WNUC1503
Sample ID:	776561002	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	05-MAY-26 09:40		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	11.6%		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		11.6				percent			SB2	05/11/26	1013	2993074	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		6640	+/-179	13.2		pCi/g			KG3	05/26/26	1407	3000200	2
Uranium-233/234		5180	+/-157	8.48	0.500	pCi/g							
Uranium-235/236		347	+/-45.4	6.47	0.500	pCi/g							
Uranium-238		1120	+/-73.1	7.70	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	SB2	05/11/26	1013	2993074

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			54.5	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Report Date: June 3, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road
Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID: SOLX-1 (4-6')
Sample ID: 776561003
Matrix: Soil
Collect Date: 05-MAY-26 10:40
Receive Date: 08-MAY-26
Collector: Client
Moisture: 10.9%

Project: WNUC1503
Client ID: WNUC015

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		10.9				percent			SB2	05/11/26	1013	2993074	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		4590	+/-131	9.65		pCi/g			KG3	05/26/26	1407	3000200	2
Uranium-233/234		3590	+/-115	6.36	0.500	pCi/g							
Uranium-235/236		224	+/-32.2	5.02	0.500	pCi/g							
Uranium-238		780	+/-53.9	5.23	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	SB2	05/11/26	1013	2993074

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			61.8	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

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Report Date: June 3, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road

Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID: SOLX-2 (1-2')
Sample ID: 776561004
Matrix: Soil
Collect Date: 30-APR-26 11:45
Receive Date: 08-MAY-26
Collector: Client
Moisture: 13.5%

Project: WNUC1503
Client ID: WNUC015

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		13.5				percent			SB2	05/11/26	1013	2993074	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		136	+/-5.11	0.509		pCi/g			KG3	05/26/26	1410	3000200	2
Uranium-233/234		110	+/-4.57	0.390	0.500	pCi/g							
Uranium-235/236		7.41	+/-1.32	0.292	0.500	pCi/g							
Uranium-238		18.5	+/-1.87	0.148	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	SB2	05/11/26	1013	2993074

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			83.4	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

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Report Date: June 3, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road

Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID: SOLX-2 (2-4')
Sample ID: 776561005
Matrix: Soil
Collect Date: 30-APR-26 13:07
Receive Date: 08-MAY-26
Collector: Client
Moisture: 12.1%

Project: WNUC1503
Client ID: WNUC015

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		12.1				percent			SB2	05/11/26	1013	2993074	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		36.7	+/-2.20	0.374		pCi/g			KG3	05/26/26	1410	3000200	2
Uranium-233/234		29.3	+/-1.95	0.255	0.500	pCi/g							
Uranium-235/236		1.24	+/-0.456	0.200	0.500	pCi/g							
Uranium-238		6.16	+/-0.897	0.187	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	SB2	05/11/26	1013	2993074

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			69.6	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

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Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road
Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID: SOLX-2 (4-6')
Sample ID: 776561006
Matrix: Soil
Collect Date: 30-APR-26 13:50
Receive Date: 08-MAY-26
Collector: Client
Moisture: 13.5%

Project: WNUC1503
Client ID: WNUC015

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		13.5				percent			SB2	05/11/26	1013	2993074	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		1.70	+/-0.482	0.284		pCi/g			KG3	05/27/26	0826	3000200	2
Uranium-233/234		0.729	+/-0.316	0.241	0.500	pCi/g							
Uranium-235/236		0.156	+/-0.172	0.117	0.500	pCi/g							
Uranium-238		0.820	+/-0.321	0.0946	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	SB2	05/11/26	1013	2993074

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			80.5	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

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Address : 5801 Bluff Road
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Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID: SOLX-2 (6-8')
Sample ID: 776561007
Matrix: Soil
Collect Date: 30-APR-26 14:40
Receive Date: 08-MAY-26
Collector: Client
Moisture: 14.1%

Project: WNUC1503
Client ID: WNUC015

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		14.1				percent			SB2	05/11/26	1013	2993074	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		1.90	+/-0.559	0.439		pCi/g			KG3	05/27/26	0826	3000200	2
Uranium-233/234		0.928	+/-0.392	0.343	0.500	pCi/g							
Uranium-235/236		0.134	+/-0.177	0.134	0.500	pCi/g							
Uranium-238		0.834	+/-0.357	0.238	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	SB2	05/11/26	1013	2993074

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			79.1	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

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Address : 5801 Bluff Road

Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID:	SOLX-2 (8-10')	Project:	WNUC1503
Sample ID:	776561008	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	30-APR-26 15:44		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	13.9%		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		13.9				percent			SB2	05/11/26	1013	2993074	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		0.950	+/-0.382	0.354		pCi/g			KG3	05/27/26	0826	3000200	2
Uranium-233/234		0.367	+/-0.241	0.261	0.500	pCi/g							
Uranium-235/236	U	0.0779	+/-0.133	0.117	0.500	pCi/g							
Uranium-238		0.505	+/-0.264	0.208	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	SB2	05/11/26	1013	2993074

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			86.2	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: June 3, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road
Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID: SOLX-3 (1-2')
Sample ID: 776561009
Matrix: Soil
Collect Date: 29-APR-26 12:13
Receive Date: 08-MAY-26
Collector: Client
Moisture: 13.7%

Project: WNUC1503
Client ID: WNUC015

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		13.7				percent			SB2	05/11/26	1013	2993074	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		63.6	+/-2.63	0.334		pCi/g			KG3	05/27/26	0826	3000200	2
Uranium-233/234		50.1	+/-2.32	0.246	0.500	pCi/g							
Uranium-235/236		2.75	+/-0.610	0.166	0.500	pCi/g							
Uranium-238		10.8	+/-1.08	0.155	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	SB2	05/11/26	1013	2993074

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			93.3	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: June 3, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road

Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID:	SOLX-3 (2-4')	Project:	WNUC1503
Sample ID:	776561010	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	04-MAY-26 12:40		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	10.3%		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		10.3				percent			SB2	05/11/26	1013	2993074	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		10.2	+/-1.20	0.357		pCi/g			KG3	05/27/26	0826	3000200	2
Uranium-233/234		7.17	+/-0.997	0.251	0.500	pCi/g							
Uranium-235/236		0.484	+/-0.299	0.132	0.500	pCi/g							
Uranium-238		2.57	+/-0.601	0.217	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	SB2	05/11/26	1013	2993074

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			78	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: June 3, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road

Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID:	SOLX-3 (4-6')	Project:	WNUC1503
Sample ID:	776561011	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	04-MAY-26 13:23		
Receive Date:	08-MAY-26		
Collector:	Client		
Moisture:	12.5%		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		12.5				percent			SB2	05/11/26	1013	2993074	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		1.51	+/-0.218	0.175		pCi/g			KG3	05/28/26	1402	3000200	2
Uranium-233/234		0.924	+/-0.165	0.111	0.500	pCi/g							
Uranium-235/236	U	0.0251	+/-0.0492	0.0801	0.500	pCi/g							
Uranium-238		0.562	+/-0.133	0.109	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	SB2	05/11/26	1013	2993074

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			93.7	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: June 3, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road
Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID: SOLX-3 (6-8')
Sample ID: 776561012
Matrix: Soil
Collect Date: 04-MAY-26 13:52
Receive Date: 08-MAY-26
Collector: Client
Moisture: 12.7%

Project: WNUC1503
Client ID: WNUC015

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		12.7				percent			SB2	05/11/26	1013	2993074	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		2.35	+/-0.733	0.623		pCi/g			KG3	05/27/26	0831	3000200	2
Uranium-233/234		1.79	+/-0.617	0.420	0.500	pCi/g							
Uranium-235/236	U	0.0943	+/-0.217	0.344	0.500	pCi/g							
Uranium-238		0.466	+/-0.330	0.307	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	SB2	05/11/26	1013	2993074

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			68.6	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: June 3, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road

Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID: SOLX-3 (8-10')
Sample ID: 776561013
Matrix: Soil
Collect Date: 04-MAY-26 14:50
Receive Date: 08-MAY-26
Collector: Client
Moisture: 12.4%

Project: WNUC1503
Client ID: WNUC015

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		12.4				percent			SB2	05/11/26	1013	2993074	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		1.36	+/-0.697	0.820		pCi/g			KG3	05/27/26	0831	3000200	2
Uranium-233/234		0.861	+/-0.548	0.617	0.500	pCi/g							
Uranium-235/236	U	-0.0197	+/-0.170	0.395	0.500	pCi/g							
Uranium-238		0.501	+/-0.395	0.369	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	SB2	05/11/26	1013	2993074

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			51.9	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: June 3, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road

Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID: SOLX-5 (1-2')
Sample ID: 776561014
Matrix: Soil
Collect Date: 29-APR-26 13:30
Receive Date: 08-MAY-26
Collector: Client
Moisture: 11.9%

Project: WNUC1503
Client ID: WNUC015

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		11.9				percent			SB2	05/11/26	1013	2993074	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		11.8	+/-1.36	0.480		pCi/g			KG3	05/27/26	0831	3000200	2
Uranium-233/234		8.83	+/-1.16	0.326	0.500	pCi/g							
Uranium-235/236		0.645	+/-0.372	0.297	0.500	pCi/g							
Uranium-238		2.35	+/-0.602	0.188	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	SB2	05/11/26	1013	2993074

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			88.5	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

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Report Date: June 3, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road

Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID: SOLX-5 (2-4')
Sample ID: 776561015
Matrix: Soil
Collect Date: 29-APR-26 14:30
Receive Date: 08-MAY-26
Collector: Client
Moisture: 11.2%

Project: WNUC1503
Client ID: WNUC015

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		11.2				percent			SB2	05/11/26	1013	2993074	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		4.96	+/-0.899	0.489		pCi/g			KG3	05/27/26	0831	3000200	2
Uranium-233/234		3.80	+/-0.772	0.303	0.500	pCi/g							
Uranium-235/236	U	0.160	+/-0.219	0.299	0.500	pCi/g							
Uranium-238		1.00	+/-0.404	0.242	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	SB2	05/11/26	1013	2993074

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			88.2	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: June 3, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road
Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID: SOLX-5 (4-6')
Sample ID: 776561016
Matrix: Soil
Collect Date: 30-APR-26 08:50
Receive Date: 08-MAY-26
Collector: Client
Moisture: 13.3%

Project: WNUC1503
Client ID: WNUC015

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		13.3				percent			SB2	05/11/26	1013	2993074	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		1.54	+/-0.609	0.534		pCi/g			KG3	05/27/26	0831	3000200	2
Uranium-233/234		0.782	+/-0.431	0.418	0.500	pCi/g							
Uranium-235/236		0.185	+/-0.243	0.185	0.500	pCi/g							
Uranium-238		0.574	+/-0.355	0.276	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	SB2	05/11/26	1013	2993074

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			69.1	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: June 3, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road
Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID: SOLX-5 (6-8')
Sample ID: 776561017
Matrix: Soil
Collect Date: 30-APR-26 10:15
Receive Date: 08-MAY-26
Collector: Client
Moisture: 14.4%

Project: WNUC1503
Client ID: WNUC015

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		14.4				percent			SB2	05/11/26	1013	2993074	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		1.67	+/-0.634	0.612		pCi/g			KG3	05/27/26	0831	3000200	2
Uranium-233/234		0.704	+/-0.418	0.443	0.500	pCi/g							
Uranium-235/236	U	0.108	+/-0.212	0.294	0.500	pCi/g							
Uranium-238		0.857	+/-0.426	0.303	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	SB2	05/11/26	1013	2993074

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			70.1	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: June 3, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road

Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID: SOLX-6 (1-2')
Sample ID: 776561018
Matrix: Soil
Collect Date: 29-APR-26 10:45
Receive Date: 08-MAY-26
Collector: Client
Moisture: 13.8%

Project: WNUC1503
Client ID: WNUC015

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		13.8				percent			SB2	05/11/26	1013	2993074	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		35.6	+/-2.82	0.808		pCi/g			KG3	05/27/26	0831	3000200	2
Uranium-233/234		27.0	+/-2.44	0.574	0.500	pCi/g							
Uranium-235/236		1.00	+/-0.554	0.429	0.500	pCi/g							
Uranium-238		7.61	+/-1.30	0.374	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	SB2	05/11/26	1013	2993074

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			61.1	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

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Report Date: June 3, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road

Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID: SOLX-6 (2-4')
Sample ID: 776561019
Matrix: Soil
Collect Date: 01-MAY-26 08:55
Receive Date: 08-MAY-26
Collector: Client
Moisture: 12.8%

Project: WNUC1503
Client ID: WNUC015

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		12.8				percent			SB2	05/11/26	1013	2993074	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		121	+/-4.48	0.768		pCi/g			KG3	05/27/26	0831	3000200	2
Uranium-233/234		99.1	+/-4.04	0.351	0.500	pCi/g							
Uranium-235/236		4.39	+/-0.969	0.486	0.500	pCi/g							
Uranium-238		17.3	+/-1.70	0.479	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	SB2	05/11/26	1013	2993074

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			79.8	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: June 3, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road
Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID: SOLX-6 (4-6')
Sample ID: 776561020
Matrix: Soil
Collect Date: 01-MAY-26 10:00
Receive Date: 08-MAY-26
Collector: Client
Moisture: 14.1%

Project: WNUC1503
Client ID: WNUC015

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		14.1				percent			SB2	05/11/26	1013	2993074	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		67.0	+/-3.57	0.645		pCi/g			KG3	05/27/26	0831	3000200	2
Uranium-233/234		53.6	+/-3.17	0.449	0.500	pCi/g							
Uranium-235/236		2.74	+/-0.811	0.334	0.500	pCi/g							
Uranium-238		10.6	+/-1.42	0.321	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	SB2	05/11/26	1013	2993074

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			69.9	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 3, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road
Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID: SOLX-6 (6-8')
Sample ID: 776561021
Matrix: Soil
Collect Date: 01-MAY-26 10:46
Receive Date: 08-MAY-26
Collector: Client
Moisture: 12.9%

Project: WNUC1503
Client ID: WNUC015

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		12.9				percent			SB2	05/11/26	1006	2993076	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		19.0	+/-1.95	0.580		pCi/g			CM4	05/20/26	0835	2993321	2
Uranium-233/234		14.4	+/-1.68	0.389	0.500	pCi/g							
Uranium-235/236		1.17	+/-0.549	0.300	0.500	pCi/g							
Uranium-238		3.45	+/-0.830	0.309	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	SB2	05/11/26	1006	2993076

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			40.2	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 3, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road
Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID: SOLX-6 (8-10')
Sample ID: 776561022
Matrix: Soil
Collect Date: 01-MAY-26 11:36
Receive Date: 08-MAY-26
Collector: Client
Moisture: 13.7%

Project: WNUC1503
Client ID: WNUC015

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		13.7				percent			SB2	05/11/26	1006	2993076	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		1.88	+/-0.489	0.300		pCi/g			CM4	05/20/26	0835	2993321	2
Uranium-233/234		1.07	+/-0.370	0.264	0.500	pCi/g							
Uranium-235/236	U	0.0367	+/-0.103	0.110	0.500	pCi/g							
Uranium-238		0.771	+/-0.302	0.0890	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	SB2	05/11/26	1006	2993076

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			68.9	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

QC Summary

Report Date: June 3, 2026

Westinghouse Electric Co. LLC
5801 Bluff Road
Hopkins, South Carolina

Contact: **Diana Joyner**

Workorder: **776561**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Carbon Analysis										
Batch 2990053										
QC1206457924 775282001 DUP										
Total Organic Carbon Average		11700		13000	mg/kg	10.7		(0%-16%)	KB3	05/20/26 16:50
QC1206457923 LCS										
Total Organic Carbon Average	4690			3870	mg/kg		82.5	(57%-142%)		05/20/26 12:06
QC1206473522 LCSD										
Total Organic Carbon Average	4670			3930	mg/kg	1.65	84.2	(0%-20%)		05/20/26 12:29
QC1206457922 MB										
Total Organic Carbon Average			U	ND	mg/kg					05/20/26 11:45
QC1206457925 775282001 MS										
Total Organic Carbon Average	10000	11700		23900	mg/kg		122	(30%-131%)		05/20/26 17:11
Batch 2991896										
QC1206461051 775840001 DUP										
Total Organic Carbon Average		3380		3570	mg/kg	5.45		(0%-16%)	KB3	05/21/26 17:08
QC1206461050 LCS										
Total Organic Carbon Average	4690			3770	mg/kg		80.4	(57%-142%)		05/21/26 12:30
QC1206474288 LCSD										
Total Organic Carbon Average	4640			4160	mg/kg	9.8	89.6	(0%-20%)		05/21/26 12:52
QC1206461049 MB										
Total Organic Carbon Average			U	ND	mg/kg					05/21/26 12:08

QC Summary

Workorder: 776561

Parmname	NOM	Sample	Qual	QC	Units	RPD%		REC%	Range	Anlst	Date Time
Carbon Analysis											
Batch 2991896											
QC1206461052 775840001 MS											
Total Organic Carbon Average	5000	3380		9650	mg/kg			125	(30%-131%)	KB3	05/21/26 17:29
Batch 2991904											
QC1206461069 776028016 DUP											
Total Organic Carbon Average		1400		1540	mg/kg	9.62	^		(+/-500)	KB3	05/15/26 15:05
QC1206461068 LCS											
Total Organic Carbon Average	4680			3990	mg/kg			85.3	(57%-142%)		05/15/26 13:38
QC1206461067 MB											
Total Organic Carbon Average			U	ND	mg/kg						05/15/26 13:18
QC1206461070 776028016 MS											
Total Organic Carbon Average	5000	1400		6090	mg/kg			93.8	(30%-131%)		05/15/26 15:26
Batch 2993126											
QC1206463135 775840010 DUP											
Total Organic Carbon Average		750		679	mg/kg	9.89	^		(+/-500)	KB3	05/21/26 15:57
QC1206463134 LCS											
Total Organic Carbon Average	4680			4010	mg/kg			85.7	(57%-142%)		05/21/26 13:33
QC1206474289 LCSD											
Total Organic Carbon Average	4690			4000	mg/kg	0.399		85.3	(0%-20%)		05/21/26 13:55
QC1206463133 MB											
Total Organic Carbon Average			U	ND	mg/kg						05/21/26 13:13
QC1206463136 775840010 MS											
Total Organic Carbon Average	5000	750		5240	mg/kg			90	(30%-131%)		05/21/26 16:18

QC Summary

Workorder: **776561**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Carbon Analysis										
Batch 2993128										
QC1206463139 776028027 DUP										
Total Organic Carbon Average		6970		5990	mg/kg	15.1		(0%-16%)	KB3	05/26/26 15:56
QC1206463138 LCS										
Total Organic Carbon Average	4690			3960	mg/kg		84.4	(57%-142%)		05/26/26 13:30
QC1206475959 LCSD										
Total Organic Carbon Average	4680			4070	mg/kg	2.69	87	(0%-20%)		05/26/26 13:52
QC1206463137 MB										
Total Organic Carbon Average			U	ND	mg/kg					05/26/26 13:09
QC1206463140 776028027 MS										
Total Organic Carbon Average	4990	6970		10600	mg/kg		73.7	(30%-131%)		05/26/26 16:17
Batch 2995379										
QC1206467535 776821011 DUP										
Total Organic Carbon Average		22700		17500	mg/kg	25.8 *^		(+/-4030)	KB3	05/19/26 17:19
QC1206467534 LCS										
Total Organic Carbon Average	4680			3790	mg/kg		81	(57%-142%)		05/19/26 12:48
QC1206472832 LCSD										
Total Organic Carbon Average	4690			3800	mg/kg	0.0999	81	(0%-20%)		05/19/26 13:10
QC1206467533 MB										
Total Organic Carbon Average			U	ND	mg/kg					05/19/26 12:27
QC1206467536 776821011 MS										
Total Organic Carbon Average	40700	22700		62000	mg/kg		96.6	(30%-131%)		05/19/26 17:40

QC Summary

Workorder: **776561**

Parmname	NOM	Sample	Qual	QC	Units	RPD%		REC%	Range	Anlst	Date Time
Carbon Analysis											
Batch 2998495											
QC1206473520 776821014 DUP											
Total Organic Carbon Average		42200		27800	mg/kg	41.1	*		(0%-16%)	KB3	05/20/26 15:25
QC1206473519 LCS											
Total Organic Carbon Average	4690			3910	mg/kg			83.4	(57%-142%)		05/20/26 12:58
QC1206473523 LCSD											
Total Organic Carbon Average	4690			3970	mg/kg	1.42		84.6	(0%-20%)		05/20/26 13:19
QC1206473518 MB											
Total Organic Carbon Average			U	ND	mg/kg						05/20/26 12:38
QC1206473521 776821014 MS											
Total Organic Carbon Average	25000	42200		56500	mg/kg			57.1	(30%-131%)		05/20/26 15:47
Batch 2998505											
QC1206473534 776028021 DUP											
Total Organic Carbon Average		1140		840	mg/kg	30.3	^		(+/-500)	KB3	05/22/26 16:26
QC1206473533 LCS											
Total Organic Carbon Average	4690			4010	mg/kg			85.5	(57%-142%)		05/22/26 14:01
QC1206476099 LCSD											
Total Organic Carbon Average	4680			4060	mg/kg	1.19		86.8	(0%-20%)		05/22/26 14:23
QC1206473532 MB											
Total Organic Carbon Average			U	ND	mg/kg						05/22/26 13:41
QC1206473535 776028021 MS											
Total Organic Carbon Average	4980	1140		5380	mg/kg			85.1	(30%-131%)		05/22/26 16:47

Notes:

The Qualifiers in this report are defined as follows:

QC Summary

Workorder: **776561**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

U U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

QC Summary

Report Date: June 3, 2026

Westinghouse Electric Co. LLC
5801 Bluff Road
Hopkins, South Carolina

Contact: **Diana Joyner**

Workorder: **776561**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Rad Alpha Spec										
Batch 2993321										
QC1206463598 776561021 DUP										
Total Uranium		19.0		19.3	pCi/g	1.42		(0%-20%)	CM4	05/20/26 08:35
	Uncertainty	+/-1.95		+/-1.46						
Uranium-233/234		14.4		15.4	pCi/g	6.8		(0%-20%)		
	Uncertainty	+/-1.68		+/-1.29						
Uranium-235/236		1.17		0.870	pCi/g	29.5 *		(0%-20%)		
	Uncertainty	+/-0.549		+/-0.348						
Uranium-238		3.45		3.01	pCi/g	13.5		(0%-20%)		
	Uncertainty	+/-0.830		+/-0.574						
QC1206463599 LCS										
Total Uranium				24.6	pCi/g					05/20/26 08:35
	Uncertainty			+/-1.45						
Uranium-233/234				12.0	pCi/g					
	Uncertainty			+/-1.01						
Uranium-235/236				0.702	pCi/g					
	Uncertainty			+/-0.278						
Uranium-238	12.1			11.9	pCi/g		97.7	(75%-125%)		
	Uncertainty			+/-1.00						
QC1206463597 MB										
Total Uranium			U	0.130	pCi/g					05/21/26 08:31
	Uncertainty			+/-0.245						
Uranium-233/234			U	0.0476	pCi/g					
	Uncertainty			+/-0.171						
Uranium-235/236			U	0.0494	pCi/g					
	Uncertainty			+/-0.136						
Uranium-238			U	0.0325	pCi/g					
	Uncertainty			+/-0.111						

QC Summary

Workorder: **776561**

Parmname	NOM	Sample	Qual	QC	Units	RPD%		REC%	Range	Anlst	Date Time
Rad Alpha Spec											
Batch 3000200											
QC1206476478 776561020 DUP											
Total Uranium		67.0		82.3	pCi/g	20.5	*		(0%-20%)	KG3	05/27/26 08:31
	Uncertainty	+/-3.57		+/-4.02							
Uranium-233/234		53.6		68.9	pCi/g	25	*		(0%-20%)		
	Uncertainty	+/-3.17		+/-3.66							
Uranium-235/236		2.74		3.12	pCi/g	13			(0%-20%)		
	Uncertainty	+/-0.811		+/-0.875							
Uranium-238		10.6		10.2	pCi/g	3.83			(0%-20%)		
	Uncertainty	+/-1.42		+/-1.42							
QC1206476479 LCS											
Total Uranium				25.6	pCi/g						05/26/26 13:10
	Uncertainty			+/-1.07							
Uranium-233/234				11.9	pCi/g						
	Uncertainty			+/-0.727							
Uranium-235/236				0.689	pCi/g						
	Uncertainty			+/-0.196							
Uranium-238	12.4			13.0	pCi/g			105	(75%-125%)		
	Uncertainty			+/-0.755							
QC1206476477 MB											
Total Uranium			U	0.0953	pCi/g						05/27/26 08:31
	Uncertainty			+/-0.250							
Uranium-233/234			U	-0.0730	pCi/g						
	Uncertainty			+/-0.135							
Uranium-235/236			U	0.0953	pCi/g						
	Uncertainty			+/-0.187							
Uranium-238			U	-0.0420	pCi/g						
	Uncertainty			+/-0.0974							

Notes:

Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

The Qualifiers in this report are defined as follows:

U U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

QC Summary

Workorder: **776561**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

General Chemistry

Product: **Carbon, Total Organic**
Analytical Method: SW846 9060A Modified
Analytical Procedure: GL-GC-E-062 REV# 22
Analytical Batch: 2990053

Preparation Method: SW846 9060A Modified Prep
Preparation Procedure: GL-GC-E-062 REV# 22
Preparation Batch: 2990052

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
776561014	SOLX-5 (1-2')
1206457922	Method Blank (MB) **Batch 2990053**
1206457923	Laboratory Control Sample (LCS)
1206457924	775282001(NonSDG) Sample Duplicate (DUP)
1206457925	775282001(NonSDG) Matrix Spike (MS)
1206473522	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Carbon, Total Organic**
Analytical Method: SW846 9060A Modified
Analytical Procedure: GL-GC-E-062 REV# 22
Analytical Batch: 2991896

Preparation Method: SW846 9060A Modified Prep
Preparation Procedure: GL-GC-E-062 REV# 22
Preparation Batch: 2991894

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
776561009	SOLX-3 (1-2')
1206461049	Method Blank (MB) **Batch 2991896**
1206461050	Laboratory Control Sample (LCS)
1206461051	775840001(NonSDG) Sample Duplicate (DUP)
1206461052	775840001(NonSDG) Matrix Spike (MS)
1206474288	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Carbon, Total Organic**
Analytical Method: SW846 9060A Modified
Analytical Procedure: GL-GC-E-062 REV# 22
Analytical Batch: 2991904

Preparation Method: SW846 9060A Modified Prep
Preparation Procedure: GL-GC-E-062 REV# 22
Preparation Batch: 2991903

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
776561002	SOLX-1 (2-4')
776561003	SOLX-1 (4-6')
1206461067	Method Blank (MB) **Batch 2991904**
1206461068	Laboratory Control Sample (LCS)
1206461069	776028016(NonSDG) Sample Duplicate (DUP)
1206461070	776028016(NonSDG) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Carbon, Total Organic**
Analytical Method: SW846 9060A Modified
Analytical Procedure: GL-GC-E-062 REV# 22
Analytical Batch: 2993126

Preparation Method: SW846 9060A Modified Prep
Preparation Procedure: GL-GC-E-062 REV# 22
Preparation Batch: 2993125

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
776561007	SOLX-2 (6-8')
776561008	SOLX-2 (8-10')
776561017	SOLX-5 (6-8')
776561019	SOLX-6 (2-4')

1206463133	Method Blank (MB) **Batch 2993126**
1206463134	Laboratory Control Sample (LCS)
1206463135	775840010(NonSDG) Sample Duplicate (DUP)
1206463136	775840010(NonSDG) Matrix Spike (MS)
1206474289	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Carbon, Total Organic**
Analytical Method: SW846 9060A Modified
Analytical Procedure: GL-GC-E-062 REV# 22
Analytical Batch: 2993128

Preparation Method: SW846 9060A Modified Prep
Preparation Procedure: GL-GC-E-062 REV# 22
Preparation Batch: 2993127

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
776561010	SOLX-3 (2-4')
776561011	SOLX-3 (4-6')
776561012	SOLX-3 (6-8')
776561013	SOLX-3 (8-10')
1206463137	Method Blank (MB) **Batch 2993128**
1206463138	Laboratory Control Sample (LCS)
1206463139	776028027(NonSDG) Sample Duplicate (DUP)
1206463140	776028027(NonSDG) Matrix Spike (MS)
1206475959	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Carbon, Total Organic**
Analytical Method: SW846 9060A Modified
Analytical Procedure: GL-GC-E-062 REV# 22
Analytical Batch: 2995379

Preparation Method: SW846 9060A Modified Prep
Preparation Procedure: GL-GC-E-062 REV# 22

Preparation Batch: 2995378

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
776561004	SOLX-2 (1-2')
776561005	SOLX-2 (2-4')
776561006	SOLX-2 (4-6')
1206467533	Method Blank (MB) **Batch 2995379**
1206467534	Laboratory Control Sample (LCS)
1206467535	776821011(NonSDG) Sample Duplicate (DUP)
1206467536	776821011(NonSDG) Matrix Spike (MS)
1206472832	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Duplicate Relative Percent Difference (RPD) Statement
The Relative Percent Difference (RPD) between the sample and duplicate falls outside of the established acceptance limits because of the heterogeneous matrix of the sample:

Analyte	Sample	Value
Total Organic Carbon Average	1206467535 (Non SDG 776821011DUP)	abs(17500 - 22700)* (+/-4030 mg/kg)

Miscellaneous Information

Additional Comments
moved from batches 776561006 (SOLX-2 (4-6')), 776561004 (SOLX-2 (1-2')) and 776561005 (SOLX-2 (2-4')).

Product: **Carbon, Total Organic**
Analytical Method: SW846 9060A Modified
Analytical Procedure: GL-GC-E-062 REV# 22
Analytical Batch: 2998495

Preparation Method: SW846 9060A Modified Prep
Preparation Procedure: GL-GC-E-062 REV# 22
Preparation Batch: 2998494

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
776561001	SOLX-1 (1-2')
776561015	SOLX-5 (2-4')
776561016	SOLX-5 (4-6')
776561018	SOLX-6 (1-2')
1206473518	Method Blank (MB) **Batch 2998495**

1206473519	Laboratory Control Sample (LCS)
1206473520	776821014(NonSDG) Sample Duplicate (DUP)
1206473521	776821014(NonSDG) Matrix Spike (MS)
1206473523	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Duplicate Relative Percent Difference (RPD) Statement
The Relative Percent Difference (RPD) between the sample and duplicate falls outside of the established acceptance limits because of the heterogeneous matrix of the sample:

Analyte	Sample	Value
Total Organic Carbon Average	1206473520 (Non SDG 776821014DUP)	41.1* (0%-16%)

Product: **Carbon, Total Organic**
Analytical Method: SW846 9060A Modified
Analytical Procedure: GL-GC-E-062 REV# 22
Analytical Batch: 2998505

Preparation Method: SW846 9060A Modified Prep
Preparation Procedure: GL-GC-E-062 REV# 22
Preparation Batch: 2998504

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
776561020	SOLX-6 (4-6')
776561021	SOLX-6 (6-8')
776561022	SOLX-6 (8-10')
1206473532	Method Blank (MB) **Batch 2998505**
1206473533	Laboratory Control Sample (LCS)
1206473534	776028021(NonSDG) Sample Duplicate (DUP)
1206473535	776028021(NonSDG) Matrix Spike (MS)
1206476099	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Radiochemistry

Product: **Alphaspec U, Soil/Veg**
Analytical Method: DOE EML HASL-300, U-02-RC Modified
Analytical Procedure: GL-RAD-A-011 REV# 30
Analytical Batch: 2993321

Preparation Method: Dry Soil Prep
Preparation Procedure: GL-RAD-A-021 REV# 26
Preparation Batch: 2993076

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
776561021	SOLX-6 (6-8')
776561022	SOLX-6 (8-10')
1206463597	Method Blank (MB) **Batch 2993321**
1206463598	776561021(SOLX-6 (6-8')) Sample Duplicate (DUP)
1206463599	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Duplication Criteria between QC Sample and Duplicate Sample
The Sample and the Duplicate, (See Below), did not meet the relative percent difference requirement; however, they do meet the relative error ratio requirement with the value listed below.

Sample	Analyte	Value
1206463598 (SOLX-6 (6-8')DUP)	Uranium-235/236	RPD 29.5* (0.00%-20.00%) RER 0.868 (0-3)

Technical Information

Recounts
Sample 1206463597 (MB) was recounted due to a peak shift. The recount is reported.

Product: **Alphaspec U, Soil/Veg**
Analytical Method: DOE EML HASL-300, U-02-RC Modified
Analytical Procedure: GL-RAD-A-011 REV# 30
Analytical Batch: 3000200

Preparation Method: Dry Soil Prep
Preparation Procedure: GL-RAD-A-021 REV# 26
Preparation Batch: 2993074

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
776561001	SOLX-1 (1-2')
776561002	SOLX-1 (2-4')
776561003	SOLX-1 (4-6')
776561004	SOLX-2 (1-2')
776561005	SOLX-2 (2-4')
776561006	SOLX-2 (4-6')
776561007	SOLX-2 (6-8')
776561008	SOLX-2 (8-10')
776561009	SOLX-3 (1-2')
776561010	SOLX-3 (2-4')
776561011	SOLX-3 (4-6')
776561012	SOLX-3 (6-8')
776561013	SOLX-3 (8-10')
776561014	SOLX-5 (1-2')
776561015	SOLX-5 (2-4')
776561016	SOLX-5 (4-6')
776561017	SOLX-5 (6-8')
776561018	SOLX-6 (1-2')
776561019	SOLX-6 (2-4')
776561020	SOLX-6 (4-6')
1206476477	Method Blank (MB) **Batch 3000200**
1206476478	776561020(SOLX-6 (4-6')) Sample Duplicate (DUP)
1206476479	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Duplication Criteria between QC Sample and Duplicate Sample
The Sample and the Duplicate, (See Below), did not meet the relative percent difference requirement; however, they do meet the relative error ratio requirement with the value listed below.

Sample	Analyte	Value
1206476478 (SOLX-6 (4-6')DUP)	Total Uranium	RPD 20.5* (0.00%-20.00%) RER 2.16 (0-3)
	Uranium-233/234	RPD 25* (0.00%-20.00%) RER 2.22 (0-3)

Technical Information

Sample Re-prep/Re-analysis
Samples were reprepped due to low carrier/tracer yield. The re-analysis is being reported.

Recounts

Sample 776561011 (SOLX-3 (4-6')) was recounted due to a peak shift. The recount is reported.

Product: **Dry Weight**
Preparation Method: ASTM D 2216 (Modified)
Preparation Procedure: GL-OA-E-020 REV# 14
Preparation Batch: 2993074

Preparation Method: Dry Soil Prep
Preparation Procedure: GL-RAD-A-021 REV# 26
Preparation Batch: 2993074

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
776561001	SOLX-1 (1-2')
776561002	SOLX-1 (2-4')
776561003	SOLX-1 (4-6')
776561004	SOLX-2 (1-2')
776561005	SOLX-2 (2-4')
776561006	SOLX-2 (4-6')
776561007	SOLX-2 (6-8')
776561008	SOLX-2 (8-10')
776561009	SOLX-3 (1-2')
776561010	SOLX-3 (2-4')
776561011	SOLX-3 (4-6')
776561012	SOLX-3 (6-8')
776561013	SOLX-3 (8-10')
776561014	SOLX-5 (1-2')
776561015	SOLX-5 (2-4')
776561016	SOLX-5 (4-6')
776561017	SOLX-5 (6-8')
776561018	SOLX-6 (1-2')
776561019	SOLX-6 (2-4')
776561020	SOLX-6 (4-6')
1206463028	776561001(SOLX-1 (1-2')) Sample Duplicate (DUP) **Batch 2993074**

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Dry Weight**

Preparation Method: ASTM D 2216 (Modified)
Preparation Procedure: GL-OA-E-020 REV# 14
Preparation Batch: 2993076

Preparation Method: Dry Soil Prep
Preparation Procedure: GL-RAD-A-021 REV# 26
Preparation Batch: 2993076

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
776561021	SOLX-6 (6-8')
776561022	SOLX-6 (8-10')

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

776561

Page: 1 of 1
Project #:
GEL Quote #:
COC Number (1):
PO Number: 4500909192

GEL Laboratories LLC
Chemistry | Radiochemistry | Radiobioassay | Specialty Analytics

Chain of Custody and Analytical Request

GEL Work Order Number: **GEL Project Manager: Delaney Stonesmith**

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: Diana Joyner Phone #: 803.647.1920
Project/Site Name: Uranium Source Assessment - SOLX Fax # 803.695.3964
Address: 5801 Bluff Road, , Hopkins, SC 29061
Collected By: D. Joyner Send Results To: joynerdp@westinghouse.com

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID * For composites - indicate start and stop date/time	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Should this sample be considered: Radioactive (If yes, please supply isotopic info.)	Should this sample be considered: (7) Known or possible Hazards	Total number of containers	TOC	ISO U ASP	% Moisture	<-- Preservative Type (6)	Comments Note: extra sample is required for sample specific QC
SOLX-1 (1-2')	05/05/26	0835	G	N	SO	Y		1	X	X	X		
SOLX-1 (2-4')	05/05/26	0940	G	N	SO	Y		1	X	X	X		
SOLX-1 (4-6')	05/05/26	1040	G	N	SO	Y		1	X	X	X		
SOLX-2 (1-2')	04/30/26	1145	G	N	SO	Y		1	X	X	X		
SOLX-2 (2-4')	04/30/26	1307	G	N	SO	Y		1	X	X	X		
SOLX-2 (4-6')	04/30/26	1350	G	N	SO	Y		1	X	X	X		
SOLX-2 (6-8')	04/30/26	1440	G	N	SO	Y		1	X	X	X		
SOLX-2 (8-10')	04/30/26	1544	G	N	SO	Y		1	X	X	X		
SOLX-3 (1-2')	04/29/26	1213	G	N	SO	Y		1	X	X	X		
SOLX-3 (2-4')	05/04/26	1240	G	N	SO	Y		1	X	X	X		

Chain of Custody Signatures

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1 Marci Eddy @Secure Location	5/8/26	11:50	1	5/8/26	1323
2			2		
3	5/8/26	1545	3 Thyeesa Tuttle	5/8/26	1545

> *For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)*

TAT Requested: **Normal:** ____ **Rush:** _X___ **Specify:** ___10 Days____

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks: 236006

For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No ***Cooler Temp:*** ____ °C

Sample Collection Time Zone: [ ] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

1.) Chain of Custody Number = Client Determined

2.) QC Codes: N = Normal Sample, TB = Trip Blank, FD = Field Duplicate, EB = Equipment Blank, MS = Matrix Spike Sample, MSD = Matrix Spike Duplicate Sample, G = Grab, C = Composite

3.) Field Filtered: For liquid matrices, indicate with a - Y - for yes the sample was field filtered or - N - for sample was not field filtered.

4.) Matrix Codes: DW=Drinking Water, GW=Groundwater, SW=Surface Water, WW=Waste Water, W=Water, ML=Misc Liquid, SO=Soil, SD=Sediment, SL=Sludge, SS=Solid Waste, O=Oil, F=Filter, P=Wipe, U=Urine, F=Fecal, N=Nasal

5.) Sample Analysis Requested: Analytical method requested (i.e. 8260B, 6010B/7470A) and number of containers provided for each (i.e. 8260B - 3, 6010B/7470A - 1).

6.) Preservative Type: HA = Hydrochloric Acid, NI = Nitric Acid, SH = Sodium Hydroxide, SA = Sulfuric Acid, AA = Ascorbic Acid, HX = Hexane, ST = Sodium Thiosulfate, If no preservative is added = leave field blank

7.) KNOWN OR POSSIBLE HAZARDS

RCRA Metals
As = Arsenic **Hg= Mercury**
Ba = Barium **Se= Selenium**
Cd = Cadmium **Ag= Silver**
Cr = Chromium **MR= Misc. RCRA metals**
Pb = Lead

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. (i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)

Page: 1 of 1
Project #:
GEL Quote #:
COC Number (1):
PO Number: 4500909192

GEL Laboratories LLC
Chemistry | Radiochemistry | Radiobioassay | Specialty Analytics

Chain of Custody and Analytical Request

GEL Work Order Number: **GEL Project Manager: Delaney Stonesmith**

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Diana Joyner — Phone #: 803.647.1920
Project/Site Name: Uranium Source Assessment - SOLX — Fax # 803.695.3964
Address: 5801 Bluff Road, , Hopkins, SC 29061
Collected By: D. Joyner — Send Results To: joynerdp@westinghouse.com

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID * For composites - indicate start and stop date/time	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Should this sample be considered: Radioactive (If yes, please supply isotopic info.)	Should this sample be considered: (7) Known or possible Hazards	Total number of containers	TOC	ISO U ASP	% Moisture	<-- Preservative Type (6)	Comments Note: extra sample is required for sample specific QC
SOLX-3 (4-6')	05/04/26	1323	G	N	SO	Y		1	X	X	X		
SOLX-3 (6-8')	05/04/26	1352	G	N	SO	Y		1	X	X	X		
SOLX-3 (8-10')	05/04/26	1450	G	N	SO	Y		1	X	X	X		
SOLX-5 (1-2')	04/29/26	1330	G	N	SO	Y		1	X	X	X		
SOLX-5 (2-4')	04/29/26	1430	G	N	SO	Y		1	X	X	X		
SOLX-5 (4-6')	04/30/26	0850	G	N	SO	Y		1	X	X	X		
SOLX-5 (6-8')	04/30/26	1015	G	N	SO	Y		1	X	X	X		
SOLX-6 (1-2')	04/29/26	1045	G	N	SO	Y		1	X	X	X		
SOLX-6 (2-4')	05/01/26	0855	G	N	SO	Y		1	X	X	X		
SOLX-6 (4-6')	05/01/26	1000	G	N	SO	Y		1	X	X	X		

Chain of Custody Signatures

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1 Marci Eddy @Secure Location	5/9/26	11:50		5/8/26	1323
2	5/8/26	1545	2	5/8/26	1545
3			3		

TAT Requested: Normal: ____ Rush: _X___ Specify: ___10 Days____

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks: 236006

For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No Cooler Temp: ____°C

> For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)

Sample Collection Time Zone: [ ] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

1.) Chain of Custody Number = Client Determined

2.) QC Codes: N = Normal Sample, TB = Trip Blank, FD = Field Duplicate, EB = Equipment Blank, MS = Matrix Spike Sample, MSD = Matrix Spike Duplicate Sample, G = Grab, C = Composite

3.) Field Filtered: For liquid matrices, indicate with a - Y - for yes the sample was field filtered or - N - for sample was not field filtered.

4.) Matrix Codes: DW=Drinking Water, GW=Groundwater, SW=Surface Water, WW=Waste Water, W=Water, ML=Misc Liquid, SO=Soil, SD=Sediment, SL=Sludge, SS=Solid Waste, O=Oil, F=Filter, P=Wipe, U=Urine, F=Fecal, N=Nasal

5.) Sample Analysis Requested: Analytical method requested (i.e. 8260B, 6010B/7470A) and number of containers provided for each (i.e. 8260B - 3, 6010B/7470A - 1).

6.) Preservative Type: HA = Hydrochloric Acid, NI = Nitric Acid, SH = Sodium Hydroxide, SA = Sulfuric Acid, AA = Ascorbic Acid, HX = Hexane, ST = Sodium Thiosulfate, If no preservative is added = leave field blank

7.) KNOWN OR POSSIBLE HAZARDS

RCRA Metals
As = Arsenic **Hg= Mercury**
Ba = Barium **Se= Selenium**
Cd = Cadmium **Ag= Silver**
Cr = Chromium **MR= Misc. RCRA metals**
Pb = Lead

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. (i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)

Page: 1 of 1
Project #:
GEL Quote #:
COC Number (1): _____
PO Number: 4500909192

GEL Laboratories LLC
gel.com
Chemistry | Radiochemistry | Radiobioassay | Specialty Analytics

Chain of Custody and Analytical Request

GEL Work Order Number: **GEL Project Manager: Delaney Stonesmith**

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Diana Joyner Phone #: 803.647.1920

Project/Site Name: Uranium Source Assessment - SOLX Fax # 803.695.3964

Address: 5801 Bluff Road, , Hopkins, SC 29061

Collected By: D. Joyner Send Results To: joynerdp@westinghouse.com

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID * For composites - indicate start and stop date/time	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Should this sample be considered: Radioactive (If yes, please supply isotopic info.)	Should this sample be considered: (7) Known or possible Hazards	Total number of containers	TOC	ISO U ASP	% Moisture	<-- Preservative Type (6)	Comments Note: extra sample is required for sample specific QC
SOLX-6 (6-8')	05/01/26	1046	G	N	SO	Y		1	X	X	X		
SOLX-6 (8-10')	05/01/26	1136	G	N	SO	Y		1	X	X	X		
						/							

Chain of Custody Signatures

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1 Marci Eddy @Secure Location	5/8/26	11:50	1 [signature]	5/8/26	1223
2 [signature]			2 [signature]	5/8/26	1345
3 [signature]	5/8/26	1345	3		

TAT Requested: Normal: ____ Rush: _X____ Specify: ___10 Days_____

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks: 236006

For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No Cooler Temp: _____ °C

> For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)

Sample Collection Time Zone: [ ] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

1.) Chain of Custody Number = Client Determined

2.) QC Codes: N = Normal Sample, TB = Trip Blank, FD = Field Duplicate, EB = Equipment Blank, MS = Matrix Spike Sample, MSD = Matrix Spike Duplicate Sample, G = Grab, C = Composite

3.) Field Filtered: For liquid matrices, indicate with a - Y - for yes the sample was field filtered or - N - for sample was not field filtered.

4.) Matrix Codes: DW=Drinking Water, GW=Groundwater, SW=Surface Water, WW=Waste Water, W=Water, ML=Misc Liquid, SO=Soil, SD=Sediment, SL=Sludge, SS=Solid Waste, O=Oil, F=Filter, P=Wipe, U=Urine, F=Fecal, N=Nasal

5.) Sample Analysis Requested: Analytical method requested (i.e. 8260B, 6010B/7470A) and number of containers provided for each (i.e. 8260B - 3, 6010B/7470A - 1).

6.) Preservative Type: HA = Hydrochloric Acid, NI = Nitric Acid, SH = Sodium Hydroxide, SA = Sulfuric Acid, AA = Ascorbic Acid, HX = Hexane, ST = Sodium Thiosulfate, If no preservative is added = leave field blank

7.) KNOWN OR POSSIBLE HAZARDS

RCRA Metals
As = Arsenic **Hg= Mercury**
Ba = Barium **Se= Selenium**
Cd = Cadmium **Ag= Silver**
Cr = Chromium **MR= Misc. RCRA metals**
Pb = Lead

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. (i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: WWTC | SDG/AR/COC/Work Order: 776561 | GEL PM: DS

Received By: Thyasia Tatum | Date Received at GEL: 5/8/20

Courier (Circle Applicable)
FedEx Express FedEx Ground UPS Field Services Courier Client Other: | IR Temp gun # IR2-25 Daily Calibration Performed? Y N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
N/A	1C				
N/A	2C				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?	✓		Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 CPM/ mR/Hr Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: Wet Ice Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)				If Yes, are Encores or Soil Kits present? Yes___ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes___ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes___ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?			✓	
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials CR Date 5/12/20

☐ Continuation Form Required when selected

GL-CHL-SR-001 Rev 8

List of current GEL Certifications as of 03 June 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Moisture LogBook

Batch Id: **2993074**
Analyst: Scott Brown
Procedure: DRY WEIGHT
Description: Dry Weight-Percent Moisture
Lab Sop: GL-OA-E-020

Sample Id	Sample Type	RPD(%)
1206463028	DUP	

Sample Id	Instrument	Run Date	Container Wt (g)	Initial Wt (g)	Final Wt (g)	Net Initial Wt (g)	Net Final Wt (g)	Moisture (%)
776561001	SP-C234673837	11-MAY-26 10:13	1.64	50.88	44.89	49.24	43.25	12.2
776561001	SP-C234673837	11-MAY-26 10:13	1.64	50.88	44.89	49.24	43.25	12.2
776561002	SP-C234673837	11-MAY-26 10:13	1.66	68.46	60.69	66.8	59.03	11.6
776561002	SP-C234673837	11-MAY-26 10:13	1.66	68.46	60.69	66.8	59.03	11.6
776561003	SP-C234673837	11-MAY-26 10:13	1.63	58.99	52.75	57.36	51.12	10.9
776561003	SP-C234673837	11-MAY-26 10:13	1.63	58.99	52.75	57.36	51.12	10.9
776561004	SP-C234673837	11-MAY-26 10:13	1.65	76.16	66.13	74.51	64.48	13.5
776561004	SP-C234673837	11-MAY-26 10:13	1.65	76.16	66.13	74.51	64.48	13.5
776561005	SP-C234673837	11-MAY-26 10:13	1.66	74.86	65.99	73.2	64.33	12.1
776561005	SP-C234673837	11-MAY-26 10:13	1.66	74.86	65.99	73.2	64.33	12.1
776561006	SP-C234673837	11-MAY-26 10:13	1.65	57.58	50.01	55.93	48.36	13.5
776561006	SP-C234673837	11-MAY-26 10:13	1.65	57.58	50.01	55.93	48.36	13.5
776561007	SP-C234673837	11-MAY-26 10:13	1.66	58.16	50.18	56.5	48.52	14.1
776561007	SP-C234673837	11-MAY-26 10:13	1.66	58.16	50.18	56.5	48.52	14.1
776561008	SP-C234673837	11-MAY-26 10:13	1.64	59.46	51.43	57.82	49.79	13.9
776561008	SP-C234673837	11-MAY-26 10:13	1.64	59.46	51.43	57.82	49.79	13.9
776561009	SP-C234673837	11-MAY-26 10:13	1.65	80.36	69.54	78.71	67.89	13.7
776561009	SP-C234673837	11-MAY-26 10:13	1.65	80.36	69.54	78.71	67.89	13.7
776561010	SP-	11-MAY-26 10:13	1.65	62.89	56.59	61.24	54.94	10.3

Moisture LogBook

Batch Id: **2993074**
Analyst: Scott Brown
Procedure: DRY WEIGHT
Description: Dry Weight-Percent Moisture
Lab Sop: GL-OA-E-020

Sample Id	Instrument	Run Date	Container Wt (g)	Initial Wt (g)	Final Wt (g)	Net Initial Wt (g)	Net Final Wt (g)	Moisture (%)
776561010	C234673837 SP-C234673837	11-MAY-26 10:13	1.65	62.89	56.59	61.24	54.94	10.3
776561011	SP-C234673837	11-MAY-26 10:13	1.67	58.15	51.11	56.48	49.44	12.5
776561011	SP-C234673837	11-MAY-26 10:13	1.67	58.15	51.11	56.48	49.44	12.5
776561012	SP-C234673837	11-MAY-26 10:13	1.64	56.07	49.17	54.43	47.53	12.7
776561012	SP-C234673837	11-MAY-26 10:13	1.64	56.07	49.17	54.43	47.53	12.7
776561013	SP-C234673837	11-MAY-26 10:13	1.66	71.33	62.71	69.67	61.05	12.4
776561013	SP-C234673837	11-MAY-26 10:13	1.66	71.33	62.71	69.67	61.05	12.4
776561014	SP-C234673837	11-MAY-26 10:13	1.66	79.12	69.94	77.46	68.28	11.9
776561014	SP-C234673837	11-MAY-26 10:13	1.66	79.12	69.94	77.46	68.28	11.9
776561015	SP-C234673837	11-MAY-26 10:13	1.66	56.33	50.18	54.67	48.52	11.2
776561015	SP-C234673837	11-MAY-26 10:13	1.66	56.33	50.18	54.67	48.52	11.2
776561016	SP-C234673837	11-MAY-26 10:13	1.66	53.47	46.6	51.81	44.94	13.3
776561016	SP-C234673837	11-MAY-26 10:13	1.66	53.47	46.6	51.81	44.94	13.3
776561017	SP-C234673837	11-MAY-26 10:13	1.66	62.43	53.69	60.77	52.03	14.4
776561017	SP-C234673837	11-MAY-26 10:13	1.66	62.43	53.69	60.77	52.03	14.4
776561018	SP-C234673837	11-MAY-26 10:13	1.66	81.15	70.19	79.49	68.53	13.8
776561018	SP-C234673837	11-MAY-26 10:13	1.66	81.15	70.19	79.49	68.53	13.8
776561019	SP-C234673837	11-MAY-26 10:13	1.65	67.78	59.3	66.13	57.65	12.8

Moisture LogBook

Batch Id: **2993074**
Analyst: Scott Brown
Procedure: DRY WEIGHT
Description: Dry Weight-Percent Moisture
Lab Sop: GL-OA-E-020

Sample Id	Instrument	Run Date	Container Wt (g)	Initial Wt (g)	Final Wt (g)	Net Initial Wt (g)	Net Final Wt (g)	Moisture (%)
776561019	SP-C234673837	11-MAY-26 10:13	1.65	67.78	59.3	66.13	57.65	12.8
776561020	SP-C234673837	11-MAY-26 10:13	1.65	60.22	51.98	58.57	50.33	14.1
776561020	SP-C234673837	11-MAY-26 10:13	1.65	60.22	51.98	58.57	50.33	14.1
1206463028 DUP (776561001)	SP-C234673837	11-MAY-26 10:13	2.72	21.62	19.15	18.9	16.43	13.1

Comments:
Aliquot is used for the determination of the effective MDL and PQL in LIMS
Calculation: [(Net Initial - Net Final) /Net Initial] * 100
Calculation: Moisture: [(Net PreEvent Wt - Net PostEvent Wt) / Net PreEvent Wt] * 100

Moisture LogBook

Batch Id: **2993076**
Analyst: Scott Brown
Procedure: DRY WEIGHT
Description: Dry Weight-Percent Moisture
Lab Sop: GL-OA-E-020

Sample Id	Sample Type	RPD(%)
1206463029	DUP	

Sample Id	Instrument	Run Date	Container Wt (g)	Initial Wt (g)	Final Wt (g)	Net Initial Wt (g)	Net Final Wt (g)	Moisture (%)
776561021	SP-C234673837	11-MAY-26 10:06	1.65	56.87	49.77	55.22	48.12	12.9
776561021	SP-C234673837	11-MAY-26 10:06	1.65	56.87	49.77	55.22	48.12	12.9
776561022	SP-C234673837	11-MAY-26 10:06	1.65	68.79	59.57	67.14	57.92	13.7
776561022	SP-C234673837	11-MAY-26 10:06	1.65	68.79	59.57	67.14	57.92	13.7

Comments:
Aliquot is used for the determination of the effective MDL and PQL in LIMS
Calculation: [(Net Initial - Net Final) /Net Initial] * 100
Calculation: Moisture: [(Net PreEvent Wt - Net PostEvent Wt) / Net PreEvent Wt] * 100

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

May 28, 2026

Diana Joyner
Westinghouse Electric Co. LLC
5801 Bluff Road
Hopkins, South Carolina 29061

Re: Soil and Vegetation Analysis
Work Order: 777127

Dear Diana Joyner:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on May 13, 2026. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

The samples were delivered with proper chain of custody documentation and signatures. The samples were screened according to GEL Standard Operating Procedure. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperatures were checked, documented, and within specifications. Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

The laboratory preserved the following containers:
No containers were preserved at GEL

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 1614.

Sincerely,

Christopher Rossmann for
Delaney Stonesmith
Project Manager

Purchase Order: 4500909192
Enclosures

problem solved

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

WNUC015 Westinghouse Electric (4500948999)

Client SDG: 777127 GEL Work Order: 777127

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a Tracer compound

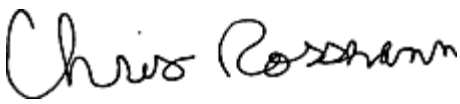
** Analyte is a surrogate compound

U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Delaney Stonesmith.

Reviewed by 

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 28, 2026

Company :	Westinghouse Electric Co. LLC
Address :	5801 Bluff Road
	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-4 (1-2')	Project:	WNUC1503
Sample ID:	777127001	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	01-MAY-26 14:07		
Receive Date:	13-MAY-26		
Collector:	Client		
Moisture:	9.69%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		1360	200	500	mg/kg	1.00	1	KB3	05/19/26	1516	2995379	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/16/26	1455	2995378

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: May 28, 2026

Company :	Westinghouse Electric Co. LLC
Address :	5801 Bluff Road
	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-4 (2-4')	Project:	WNUC1503
Sample ID:	777127002	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	01-MAY-26 14:50		
Receive Date:	13-MAY-26		
Collector:	Client		
Moisture:	10.4%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		1090	200	500	mg/kg	1.00	1	KB3	05/19/26	1537	2995379	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/16/26	1455	2995378

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: May 28, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road

Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID:	SOLX-4 (4-6')	Project:	WNUC1503
Sample ID:	777127003	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	01-MAY-26 15:50		
Receive Date:	13-MAY-26		
Collector:	Client		
Moisture:	11.4%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		1090	200	500	mg/kg	1.00	1	KB3	05/19/26	1616	2995379	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/16/26	1455	2995378

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: May 28, 2026

Company :	Westinghouse Electric Co. LLC
Address :	5801 Bluff Road
	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-4 (6-8')	Project:	WNUC1503
Sample ID:	777127004	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	04-MAY-26 08:49		
Receive Date:	13-MAY-26		
Collector:	Client		
Moisture:	14.7%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		800	200	500	mg/kg	1.00	1	KB3	05/19/26	1637	2995379	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/16/26	1455	2995378

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: May 28, 2026

Company :	Westinghouse Electric Co. LLC
Address :	5801 Bluff Road
	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Soil and Vegetation Analysis

Client Sample ID:	SOLX-4 (8-10')	Project:	WNUC1503
Sample ID:	777127005	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	04-MAY-26 09:45		
Receive Date:	13-MAY-26		
Collector:	Client		
Moisture:	13.5%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		657	199	498	mg/kg	0.996	1	KB3	05/22/26	1545	2998505	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/20/26	1552	2998504

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: May 28, 2026

Company :	Westinghouse Electric Co. LLC
Address :	5801 Bluff Road
	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Soil and Vegetation Analysis

Client Sample ID:	CWWMH-NORTH (6-7')	Project:	WNUC1503
Sample ID:	777127006	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	11-MAY-26 14:50		
Receive Date:	13-MAY-26		
Collector:	Client		
Moisture:	14.4%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		1480	199	497	mg/kg	0.994	1	KB3	05/22/26	1649	2991898	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/20/26	1550	2991897

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: May 28, 2026

Company :	Westinghouse Electric Co. LLC
Address :	5801 Bluff Road
	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Soil and Vegetation Analysis

Client Sample ID:	CWWMH-EAST (6-7')	Project:	WNUC1503
Sample ID:	777127007	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	11-MAY-26 15:50		
Receive Date:	13-MAY-26		
Collector:	Client		
Moisture:	17.2%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		1560	200	500	mg/kg	1.00	1	KB3	05/26/26	1306	2997697	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/20/26	1551	2997630

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: May 28, 2026

Company :	Westinghouse Electric Co. LLC
Address :	5801 Bluff Road
	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Soil and Vegetation Analysis

Client Sample ID:	CWWMH-WEST (6-7')	Project:	WNUC1503
Sample ID:	777127008	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	11-MAY-26 13:25		
Receive Date:	13-MAY-26		
Collector:	Client		
Moisture:	15.6%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SW 9060A Total Organic Carbon "As Received"												
Total Organic Carbon Average		1470	200	500	mg/kg	1.00	1	KB3	05/26/26	1327	2997697	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9060A Modified Prep	SW846 9060A Modified Total Organic Carbon	KB3	05/20/26	1551	2997630

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A Modified	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 28, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road

Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID:	SOLX-4 (1-2')	Project:	WNUC1503
Sample ID:	777127001	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	01-MAY-26 14:07		
Receive Date:	13-MAY-26		
Collector:	Client		
Moisture:	9.69%		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		9.69				percent			AC1	05/14/26	0928	2995617	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		1160	+/-29.4	1.61		pCi/g			KG3	05/18/26	1312	2995634	2
Uranium-233/234		899	+/-25.7	1.07	0.500	pCi/g							
Uranium-235/236		55.0	+/-7.08	0.709	0.500	pCi/g							
Uranium-238		210	+/-12.4	0.973	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	AC1	05/14/26	0928	2995617

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			35.6	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 28, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road

Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID: SOLX-4 (2-4')
Sample ID: 777127002
Matrix: Soil
Collect Date: 01-MAY-26 14:50
Receive Date: 13-MAY-26
Collector: Client
Moisture: 10.4%

Project: WNUC1503
Client ID: WNUC015

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		10.4				percent			AC1	05/14/26	0928	2995617	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		612	+/-16.9	1.05		pCi/g			KG3	05/18/26	1309	2995634	2
Uranium-233/234		476	+/-14.8	0.700	0.500	pCi/g							
Uranium-235/236		27.3	+/-3.95	0.443	0.500	pCi/g							
Uranium-238		109	+/-7.08	0.647	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	AC1	05/14/26	0928	2995617

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			55.1	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: May 28, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road

Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID:	SOLX-4 (4-6')	Project:	WNUC1503
Sample ID:	777127003	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	01-MAY-26 15:50		
Receive Date:	13-MAY-26		
Collector:	Client		
Moisture:	11.4%		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		11.4				percent			AC1	05/14/26	0928	2995617	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		7.58	+/-0.935	0.373		pCi/g			KG3	05/18/26	1227	2995634	2
Uranium-233/234		5.48	+/-0.786	0.256	0.500	pCi/g							
Uranium-235/236		0.356	+/-0.244	0.234	0.500	pCi/g							
Uranium-238		1.74	+/-0.443	0.138	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	AC1	05/14/26	0928	2995617

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			86.9	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: May 28, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road

Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID:	SOLX-4 (6-8')	Project:	WNUC1503
Sample ID:	777127004	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	04-MAY-26 08:49		
Receive Date:	13-MAY-26		
Collector:	Client		
Moisture:	14.7%		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		14.7				percent			AC1	05/14/26	0928	2995617	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		4.17	+/-0.698	0.350		pCi/g			KG3	05/18/26	1227	2995634	2
Uranium-233/234		2.76	+/-0.559	0.245	0.500	pCi/g							
Uranium-235/236		0.298	+/-0.219	0.194	0.500	pCi/g							
Uranium-238		1.12	+/-0.356	0.157	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	AC1	05/14/26	0928	2995617

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			88.1	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: May 28, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road

Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID:	SOLX-4 (8-10')	Project:	WNUC1503
Sample ID:	777127005	Client ID:	WNUC015
Matrix:	Soil		
Collect Date:	04-MAY-26 09:45		
Receive Date:	13-MAY-26		
Collector:	Client		
Moisture:	13.5%		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		13.5				percent			AC1	05/14/26	0928	2995617	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		2.61	+/-0.617	0.468		pCi/g			KG3	05/18/26	1227	2995634	2
Uranium-233/234		1.49	+/-0.458	0.309	0.500	pCi/g							
Uranium-235/236	U	0.0624	+/-0.143	0.227	0.500	pCi/g							
Uranium-238		1.06	+/-0.388	0.268	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	AC1	05/14/26	0928	2995617

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			83.4	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: May 28, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road

Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID: CWWMH-NORTH (6-7')
Sample ID: 777127006
Matrix: Soil
Collect Date: 11-MAY-26 14:50
Receive Date: 13-MAY-26
Collector: Client
Moisture: 14.4%

Project: WNUC1503
Client ID: WNUC015

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		14.4				percent			AC1	05/14/26	0928	2995617	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		6.13	+/-0.825	0.388		pCi/g			KG3	05/18/26	1227	2995634	2
Uranium-233/234		4.15	+/-0.672	0.261	0.500	pCi/g							
Uranium-235/236	U	0.171	+/-0.179	0.223	0.500	pCi/g							
Uranium-238		1.81	+/-0.444	0.180	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	AC1	05/14/26	0928	2995617

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			100	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: May 28, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road

Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID: CWWMH-EAST (6-7')
Sample ID: 777127007
Matrix: Soil
Collect Date: 11-MAY-26 15:50
Receive Date: 13-MAY-26
Collector: Client
Moisture: 17.2%

Project: WNUC1503
Client ID: WNUC015

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		17.2				percent			AC1	05/14/26	0928	2995617	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		3.36	+/-0.653	0.379		pCi/g			KG3	05/18/26	1227	2995634	2
Uranium-233/234		2.38	+/-0.543	0.264	0.500	pCi/g							
Uranium-235/236	U	0.0288	+/-0.108	0.182	0.500	pCi/g							
Uranium-238		0.953	+/-0.347	0.202	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	AC1	05/14/26	0928	2995617

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			82.2	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

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Certificate of Analysis

Report Date: May 28, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road

Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Soil and Vegetation Analysis

Client Sample ID: CWWMH-WEST (6-7')
Sample ID: 777127008
Matrix: Soil
Collect Date: 11-MAY-26 13:25
Receive Date: 13-MAY-26
Collector: Client
Moisture: 15.6%

Project: WNUC1503
Client ID: WNUC015

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Gravimetric Solids													
ASTM D 2216 % Moisture "As Received"													
Moisture		15.6				percent			AC1	05/14/26	0928	2995617	1
Rad Alpha Spec Analysis													
Alphaspec U, Soil/Veg "Dry Weight Corrected"													
Total Uranium		3.65	+/-0.692	0.380		pCi/g			KG3	05/18/26	1227	2995634	2
Uranium-233/234		2.51	+/-0.560	0.238	0.500	pCi/g							
Uranium-235/236		0.339	+/-0.242	0.186	0.500	pCi/g							
Uranium-238		0.801	+/-0.327	0.232	0.500	pCi/g							

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	AC1	05/14/26	0928	2995617

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	ASTM D 2216 (Modified)	
2	DOE EML HASL-300, U-02-RC Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Uranium-232 Tracer	Alphaspec U, Soil/Veg "Dry Weight Corrected"			80.2	(15%-125%)

Notes:
Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

QC Summary

Report Date: May 28, 2026

Westinghouse Electric Co. LLC
5801 Bluff Road
Hopkins, South Carolina

Contact: **Diana Joyner**

Workorder: **777127**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Carbon Analysis											
Batch 2991898											
QC1206461055 776028001 DUP											
Total Organic Carbon Average		1460		1270	mg/kg	13.7 ^		(+/-500)	KB3	05/22/26	17:32
QC1206461054 LCS											
Total Organic Carbon Average	4680			4080	mg/kg		87.2	(57%-142%)		05/22/26	12:53
QC1206476103 LCSD											
Total Organic Carbon Average	4670			4170	mg/kg	2.22	89.3	(0%-20%)		05/22/26	13:15
QC1206461053 MB											
Total Organic Carbon Average			U	ND	mg/kg					05/22/26	12:31
QC1206461056 776028001 MS											
Total Organic Carbon Average	5000	1460		6640	mg/kg		104	(30%-131%)		05/22/26	17:54
Batch 2995379											
QC1206467535 776821011 DUP											
Total Organic Carbon Average		22700		17500	mg/kg	25.8 *^		(+/-4030)	KB3	05/19/26	17:19
QC1206467534 LCS											
Total Organic Carbon Average	4680			3790	mg/kg		81	(57%-142%)		05/19/26	12:48
QC1206472832 LCSD											
Total Organic Carbon Average	4690			3800	mg/kg	0.0999	81	(0%-20%)		05/19/26	13:10
QC1206467533 MB											
Total Organic Carbon Average			U	ND	mg/kg					05/19/26	12:27

QC Summary

Workorder: **777127**

Parmname	NOM	Sample	Qual	QC	Units	RPD%		REC%	Range	Anlst	Date Time
Carbon Analysis											
Batch 2995379											
QC1206467536 776821011 MS											
Total Organic Carbon Average	40700	22700		62000	mg/kg			96.6	(30%-131%)	KB3	05/19/26 17:40
Batch 2997697											
QC1206472031 776028022 DUP											
Total Organic Carbon Average		16100		16300	mg/kg	1.09			(0%-16%)	KB3	05/26/26 17:01
QC1206472030 LCS											
Total Organic Carbon Average	4670			4140	mg/kg			88.7	(57%-142%)		05/26/26 12:21
QC1206475949 LCSD											
Total Organic Carbon Average	4660			4170	mg/kg	0.52		89.3	(0%-20%)		05/26/26 12:44
QC1206472029 MB											
Total Organic Carbon Average			U	ND	mg/kg						05/26/26 11:59
QC1206472032 776028022 MS											
Total Organic Carbon Average	4940	16100		21700	mg/kg			113	(30%-131%)		05/26/26 17:22
Batch 2998505											
QC1206473534 776028021 DUP											
Total Organic Carbon Average		1140		840	mg/kg	30.3	^		(+/-500)	KB3	05/22/26 16:26
QC1206473533 LCS											
Total Organic Carbon Average	4690			4010	mg/kg			85.5	(57%-142%)		05/22/26 14:01
QC1206476099 LCSD											
Total Organic Carbon Average	4680			4060	mg/kg	1.19		86.8	(0%-20%)		05/22/26 14:23
QC1206473532 MB											
Total Organic Carbon Average			U	ND	mg/kg						05/22/26 13:41

QC Summary

Workorder: **777127**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Carbon Analysis										
Batch 2998505										
QC1206473535 776028021 MS										
Total Organic Carbon Average	4980	1140		5380	mg/kg		85.1	(30%-131%)	KB3	05/22/26 16:47

Notes:

The Qualifiers in this report are defined as follows:

U U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

GEL LABORATORIES LLC
2040 Savage Road Charleston, SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Report Date: May 28, 2026

Westinghouse Electric Co. LLC
5801 Bluff Road
Hopkins, South Carolina

Contact: **Diana Joyner**

Workorder: **777127**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Rad Alpha Spec										
Batch 2995634										
QC1206467955 777127001 DUP										
Total Uranium		1160		1070	pCi/g	8.32		(0%-20%)	KG3	05/18/26 13:12
	Uncertainty	+/-29.4		+/-27.0						
Uranium-233/234		899		826	pCi/g	8.56		(0%-20%)		
	Uncertainty	+/-25.7		+/-23.6						
Uranium-235/236		55.0		55.3	pCi/g	0.38		(0%-20%)		
	Uncertainty	+/-7.08		+/-6.80						
Uranium-238		210		191	pCi/g	9.71		(0%-20%)		
	Uncertainty	+/-12.4		+/-11.3						
QC1206467956 LCS										
Total Uranium				23.6	pCi/g					05/18/26 12:27
	Uncertainty			+/-1.59						
Uranium-233/234				11.3	pCi/g					
	Uncertainty			+/-1.10						
Uranium-235/236				0.709	pCi/g					
	Uncertainty			+/-0.311						
Uranium-238	11.9			11.6	pCi/g		97.5	(75%-125%)		
	Uncertainty			+/-1.10						
QC1206467954 MB										
Total Uranium			U	0.139	pCi/g					05/18/26 12:27
	Uncertainty			+/-0.258						
Uranium-233/234			U	0.0531	pCi/g					
	Uncertainty			+/-0.180						
Uranium-235/236			U	0.0519	pCi/g					
	Uncertainty			+/-0.143						
Uranium-238			U	0.0341	pCi/g					
	Uncertainty			+/-0.117						

Notes:

QC Summary

Workorder: **777127**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

Counting Uncertainty is calculated at the 95% confidence level (1.96-sigma).

The Qualifiers in this report are defined as follows:

U U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

General Chemistry

Product: **Carbon, Total Organic**
Analytical Method: SW846 9060A Modified
Analytical Procedure: GL-GC-E-062 REV# 22
Analytical Batch: 2991898

Preparation Method: SW846 9060A Modified Prep
Preparation Procedure: GL-GC-E-062 REV# 22
Preparation Batch: 2991897

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
777127006	CWWMH-NORTH (6-7')
1206461053	Method Blank (MB) **Batch 2991898**
1206461054	Laboratory Control Sample (LCS)
1206461055	776028001(NonSDG) Sample Duplicate (DUP)
1206461056	776028001(NonSDG) Matrix Spike (MS)
1206476103	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Carbon, Total Organic**
Analytical Method: SW846 9060A Modified
Analytical Procedure: GL-GC-E-062 REV# 22
Analytical Batch: 2995379

Preparation Method: SW846 9060A Modified Prep
Preparation Procedure: GL-GC-E-062 REV# 22
Preparation Batch: 2995378

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
777127001	SOLX-4 (1-2')
777127002	SOLX-4 (2-4')
777127003	SOLX-4 (4-6')
777127004	SOLX-4 (6-8')
1206467533	Method Blank (MB) **Batch 2995379**
1206467534	Laboratory Control Sample (LCS)

1206467535	776821011(NonSDG) Sample Duplicate (DUP)
1206467536	776821011(NonSDG) Matrix Spike (MS)
1206472832	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Duplicate Relative Percent Difference (RPD) Statement
The Relative Percent Difference (RPD) between the sample and duplicate falls outside of the established acceptance limits because of the heterogeneous matrix of the sample:

Analyte	Sample	Value
Total Organic Carbon Average	1206467535 (Non SDG 776821011DUP)	abs(17500 - 22700)* (+/-4030 mg/kg)

Product: **Carbon, Total Organic**
Analytical Method: SW846 9060A Modified
Analytical Procedure: GL-GC-E-062 REV# 22
Analytical Batch: 2997697

Preparation Method: SW846 9060A Modified Prep
Preparation Procedure: GL-GC-E-062 REV# 22
Preparation Batch: 2997630

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
777127007	CWWMH-EAST (6-7')
777127008	CWWMH-WEST (6-7')
1206472029	Method Blank (MB) **Batch 2997697**
1206472030	Laboratory Control Sample (LCS)
1206472031	776028022(NonSDG) Sample Duplicate (DUP)
1206472032	776028022(NonSDG) Matrix Spike (MS)
1206475949	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Carbon, Total Organic**
Analytical Method: SW846 9060A Modified
Analytical Procedure: GL-GC-E-062 REV# 22
Analytical Batch: 2998505

Preparation Method: SW846 9060A Modified Prep
Preparation Procedure: GL-GC-E-062 REV# 22
Preparation Batch: 2998504

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
777127005	SOLX-4 (8-10')
1206473532	Method Blank (MB) **Batch 2998505**
1206473533	Laboratory Control Sample (LCS)
1206473534	776028021(NonSDG) Sample Duplicate (DUP)
1206473535	776028021(NonSDG) Matrix Spike (MS)
1206476099	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Radiochemistry

Product: **Alphaspec U, Soil/Veg**
Analytical Method: DOE EML HASL-300, U-02-RC Modified
Analytical Procedure: GL-RAD-A-011 REV# 30
Analytical Batch: 2995634

Preparation Method: Dry Soil Prep
Preparation Procedure: GL-RAD-A-021 REV# 26
Preparation Batch: 2995617

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
777127001	SOLX-4 (1-2')
777127002	SOLX-4 (2-4')
777127003	SOLX-4 (4-6')
777127004	SOLX-4 (6-8')
777127005	SOLX-4 (8-10')
777127006	CWWMH-NORTH (6-7')
777127007	CWWMH-EAST (6-7')
777127008	CWWMH-WEST (6-7')
1206467954	Method Blank (MB) **Batch 2995634**
1206467955	777127001(SOLX-4 (1-2')) Sample Duplicate (DUP)
1206467956	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Miscellaneous Information

Additional Comments
Sample 777127002 (SOLX-4 (2-4')) did not meet the tracer resolution criterion of a full width half maximum of 100 keV or less; however, the tracer yield requirement was met, and the tracer peak is within the tracer region of interest, indicating acceptable tracer performance.

Product: **Dry Weight**
Preparation Method: ASTM D 2216 (Modified)
Preparation Procedure: GL-OA-E-020 REV# 14
Preparation Batch: 2995617

Preparation Method: Dry Soil Prep
Preparation Procedure: GL-RAD-A-021 REV# 26
Preparation Batch: 2995617

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
777127001	SOLX-4 (1-2')
777127002	SOLX-4 (2-4')
777127003	SOLX-4 (4-6')
777127004	SOLX-4 (6-8')
777127005	SOLX-4 (8-10')
777127006	CWWMH-NORTH (6-7')
777127007	CWWMH-EAST (6-7')
777127008	CWWMH-WEST (6-7')

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

777127

Page: 1 of 1
Project #:
GEL Quote #:
COC Number (1):
PO Number: 4500909192

GEL Laboratories LLC
Chemistry | Radiochemistry | Radiobioassay | Specialty Analytics

Chain of Custody and Analytical Request

GEL Work Order Number: **GEL Project Manager: Delaney Stonesmith**

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: Diana Joyner Phone #: 803.647.1920
Project/Site Name: Uranium Source Assessment - SOLX Fax # 803.695.3964
Address: 5801 Bluff Road, , Hopkins, SC 29061
Collected By: D. Joyner Send Results To: joynerdp@westinghouse.com

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID * For composites - indicate start and stop date/time	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Should this sample be considered: Radioactive (If yes, please supply isotopic info.)	Should this sample be considered: (7) Known or possible Hazards	Total number of containers	TOC	ISO U ASP	% Moisture	<-- Preservative Type (6)	Comments Note: extra sample is required for sample specific QC
SOLX-4 (1-2')	05/01/26	1407	G	N	SO	Y		1	X	X	X		
SOLX-4 (2-4')	05/01/26	1450	G	N	SO	Y		1	X	X	X		
SOLX-4 (4-6')	05/01/26	1550	G	N	SO	Y		1	X	X	X		
SOLX-4 (6-8')	05/04/26	0849	G	N	SO	Y		1	X	X	X		
SOLX-4 (8-10')	05/04/26	0945	G	N	SO	Y		1	X	X	X		
CWWMH-NORTH (6-7')	05/11/26	1450	G	N	SO	Y		1	X	X	X		
CWWMH-EAST (6-7')	05/11/26	1550	G	N	SO	Y		1	X	X	X		
CWWMH-WEST (6-7')	05/11/26	1325	G	N	SO	Y		1	X	X	X		

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	Dustin D. @Secure Location	5/13/26	10:24	1	5.13.26	1324
2		5-13-26	1550	2 Phyllis Tutin	5/13/26	1550
3				3		

TAT Requested: Normal: _____ Rush: _X___ Specify: ___10 Days_____

Fax Results: | | Yes | | No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks: 236006

***For Lab Receiving Use Only:** Custody Seal Intact? | | Yes | | No Cooler Temp: \ °C*

> For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)

Sample Collection Time Zone: [ ] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

1.) Chain of Custody Number = Client Determined

2.) QC Codes: N = Normal Sample, TB = Trip Blank, FD = Field Duplicate, EB = Equipment Blank, MS = Matrix Spike Sample, MSD = Matrix Spike Duplicate Sample, G = Grab, C = Composite

3.) Field Filtered: For liquid matrices, indicate with a - Y - for yes the sample was field filtered or - N - for sample was not field filtered.

4.) Matrix Codes: DW=Drinking Water, GW=Groundwater, SW=Surface Water, WW=Waste Water, W=Water, ML=Misc Liquid, SO=Soil, SD=Sediment, SL=Sludge, SS=Solid Waste, O=Oil, F=Filter, P=Wipe, U=Urine, F=Fecal, N=Nasal

5.) Sample Analysis Requested: Analytical method requested (i.e. 8260B, 6010B/7470A) and number of containers provided for each (i.e. 8260B - 3, 6010B/7470A - 1).

6.) Preservative Type: HA = Hydrochloric Acid, NI = Nitric Acid, SH = Sodium Hydroxide, SA = Sulfuric Acid, AA = Ascorbic Acid, HX = Hexane, ST = Sodium Thiosulfate, If no preservative is added = leave field blank

7.) KNOWN OR POSSIBLE HAZARDS

RCRA Metals
As = Arsenic **Hg= Mercury**
Ba = Barium **Se= Selenium**
Cd = Cadmium **Ag= Silver**
Cr = Chromium **MR= Misc. RCRA metals**
Pb = Lead

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. (i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: WNUC | SDG/AR/COC/Work Order: 777127 | GEL PM: DS

Received By: Thyasia Tatum | Date Received at GEL: 5/13/20

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS Field Services Courier Client Other: | IR Temp gun # IR2-25 Daily Calibration Performed? Y N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
N/A	1°C				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A) Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 CPM / mR/Hr Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓	✓		Preservation Method: Wet Ice Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)			✓	If Yes, are Encores or Soil Kits present? Yes___ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes___ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes___ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?			✓	
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials CR Date 5/14/24

☐ Continuation Form Required when selected

GL-CHL-SR-001 Rev 8

List of current GEL Certifications as of 28 May 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Moisture LogBook

Batch Id: **2995617**
Analyst: Ashley Cruz
Procedure: DRY WEIGHT
Description: Dry Weight-Percent Moisture
Lab Sop: GL-OA-E-020

Sample Id	Sample Type	RPD(%)
1206467930	DUP	

Sample Id	Instrument	Run Date	Container Wt (g)	Initial Wt (g)	Final Wt (g)	Net Initial Wt (g)	Net Final Wt (g)	Moisture (%)
777127001	SP-C234673837	14-MAY-26 09:28	1.65	62.35	56.47	60.7	54.82	9.69
777127001	SP-C234673837	14-MAY-26 09:28	1.65	62.35	56.47	60.7	54.82	9.69
777127002	SP-C234673837	14-MAY-26 09:28	1.65	71.38	64.13	69.73	62.48	10.4
777127002	SP-C234673837	14-MAY-26 09:28	1.65	71.38	64.13	69.73	62.48	10.4
777127003	SP-C234673837	14-MAY-26 09:28	1.65	72.18	64.15	70.53	62.5	11.4
777127003	SP-C234673837	14-MAY-26 09:28	1.65	72.18	64.15	70.53	62.5	11.4
777127004	SP-C234673837	14-MAY-26 09:28	1.65	65.67	56.28	64.02	54.63	14.7
777127004	SP-C234673837	14-MAY-26 09:28	1.65	65.67	56.28	64.02	54.63	14.7
777127005	SP-C234673837	14-MAY-26 09:28	1.65	74.14	64.32	72.49	62.67	13.5
777127005	SP-C234673837	14-MAY-26 09:28	1.65	74.14	64.32	72.49	62.67	13.5
777127006	SP-C234673837	14-MAY-26 09:28	1.66	99.97	85.82	98.31	84.16	14.4
777127006	SP-C234673837	14-MAY-26 09:28	1.66	99.97	85.82	98.31	84.16	14.4
777127007	SP-C234673837	14-MAY-26 09:28	1.66	119.43	99.21	117.77	97.55	17.2
777127007	SP-C234673837	14-MAY-26 09:28	1.66	119.43	99.21	117.77	97.55	17.2
777127008	SP-C234673837	14-MAY-26 09:28	1.67	96.18	81.44	94.51	79.77	15.6
777127008	SP-C234673837	14-MAY-26 09:28	1.67	96.18	81.44	94.51	79.77	15.6

Comments:
Aliquot is used for the determination of the effective MDL and PQL in LIMS
Calculation: [(Net Initial - Net Final) /Net Initial] * 100
Calculation: Moisture: [(Net PreEvent Wt - Net PostEvent Wt) / Net

GEL Laboratories LLC

Moisture LogBook

Batch Id: **2995617**
Analyst: Ashley Cruz
Procedure: DRY WEIGHT
Description: Dry Weight-Percent Moisture
Lab Sop: GL-OA-E-020

PreEvent Wt] * 100

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

June 11, 2026

Diana Joyner
Westinghouse Electric Co. LLC
5801 Bluff Road
Hopkins, South Carolina 29061

Re: Ground Water Well Liquid Analysis
Work Order: 773429

Dear Diana Joyner:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on April 17, 2026. This revised data report has been prepared and reviewed in accordance with GEL's standard operating procedures. This report replaces the original version which is noted as SDG number 773429 in the left-hand footer of the data report. This data report has been revised to correct two sample IDs.

The samples were delivered with proper chain of custody documentation and signatures. The samples were screened according to GEL Standard Operating Procedure. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperatures were checked, documented, and within specifications. Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

The laboratory preserved the following containers:
No containers were preserved at GEL

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 1614.

Sincerely,

Christopher Rossmann for
Delaney Stonesmith
Project Manager

Purchase Order: 4500948999
Enclosures

problem solved

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

WNUC015 Westinghouse Electric (4500948999)

Client SDG: 773429 GEL Work Order: 773429

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a Tracer compound

** Analyte is a surrogate compound

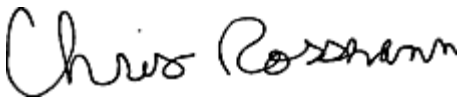
J Value is estimated

U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Delaney Stonesmith.



Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company :	Westinghouse Electric Co. LLC
Address :	5801 Bluff Road
	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Ground Water Well Liquid Analysis

Client Sample ID:	W-57-2026-Q2-F	Project:	WNUC1502
Sample ID:	773429001	Client ID:	WNUC015
Matrix:	Ground Water		
Collect Date:	15-APR-26 13:25		
Receive Date:	17-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SM 5310 B Total Organic/Inorganic Carbon "As Received"												
Total Organic Carbon Average	J	0.867	0.330	1.00	mg/L		1	KB3	04/23/26	0313	2981376	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SM 5310 B	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company :	Westinghouse Electric Co. LLC
Address :	5801 Bluff Road
	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Ground Water Well Liquid Analysis

Client Sample ID:	W-57-2026-Q2-UF	Project:	WNUC1502
Sample ID:	773429002	Client ID:	WNUC015
Matrix:	Ground Water		
Collect Date:	15-APR-26 13:25		
Receive Date:	17-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SM 5310 B Total Organic/Inorganic Carbon "As Received"												
Total Organic Carbon Average	J	0.690	0.330	1.00	mg/L		1	KB3	04/22/26	0635	2981377	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SM 5310 B	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road
Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-56-2026-Q2-F
Sample ID: 773429003
Matrix: Ground Water
Collect Date: 15-APR-26 14:25
Receive Date: 17-APR-26
Collector: Client

Project: WNUC1502
Client ID: WNUC015

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SM 5310 B Total Organic/Inorganic Carbon "As Received"												
Total Organic Carbon Average	J	0.637	0.330	1.00	mg/L		1	KB3	04/22/26	0659	2981377	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SM 5310 B	

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road
Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID:	W-56-2026-Q2-UF	Project:	WNUC1502
Sample ID:	773429004	Client ID:	WNUC015
Matrix:	Ground Water		
Collect Date:	15-APR-26 14:25		
Receive Date:	17-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SM 5310 B Total Organic/Inorganic Carbon "As Received"												
Total Organic Carbon Average	J	0.514	0.330	1.00	mg/L		1	KB3	04/22/26	0757	2981377	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SM 5310 B	

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company :	Westinghouse Electric Co. LLC
Address :	5801 Bluff Road
	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Ground Water Well Liquid Analysis

Client Sample ID:	W-55-2026-Q2-F	Project:	WNUC1502
Sample ID:	773429005	Client ID:	WNUC015
Matrix:	Ground Water		
Collect Date:	15-APR-26 14:28		
Receive Date:	17-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SM 5310 B Total Organic/Inorganic Carbon "As Received"												
Total Organic Carbon Average		1.21	0.330	1.00	mg/L		1	KB3	04/22/26	0821	2981377	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SM 5310 B	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road
Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-55-2026-Q2-UF
Sample ID: 773429006
Matrix: Ground Water
Collect Date: 15-APR-26 14:28
Receive Date: 17-APR-26
Collector: Client

Project: WNUC1502
Client ID: WNUC015

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SM 5310 B Total Organic/Inorganic Carbon "As Received"												
Total Organic Carbon Average	J	0.428	0.330	1.00	mg/L		1	KB3	04/22/26	0845	2981377	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SM 5310 B	

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company :	Westinghouse Electric Co. LLC
Address :	5801 Bluff Road
	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Ground Water Well Liquid Analysis

Client Sample ID:	W-75-2026-Q2-F	Project:	WNUC1502
Sample ID:	773429007	Client ID:	WNUC015
Matrix:	Ground Water		
Collect Date:	16-APR-26 09:40		
Receive Date:	17-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SM 5310 B Total Organic/Inorganic Carbon "As Received"												
Total Organic Carbon Average	J	0.811	0.330	1.00	mg/L		1	KB3	04/22/26	0909	2981377	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SM 5310 B	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road
Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-75-2026-Q2-UF
Sample ID: 773429008
Matrix: Ground Water
Collect Date: 16-APR-26 09:40
Receive Date: 17-APR-26
Collector: Client

Project: WNUC1502
Client ID: WNUC015

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SM 5310 B Total Organic/Inorganic Carbon "As Received"												
Total Organic Carbon Average	J	0.622	0.330	1.00	mg/L		1	KB3	04/22/26	0932	2981377	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SM 5310 B	

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company :	Westinghouse Electric Co. LLC
Address :	5801 Bluff Road
	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Ground Water Well Liquid Analysis

Client Sample ID:	W-73-2026-Q2-F	Project:	WNUC1502
Sample ID:	773429009	Client ID:	WNUC015
Matrix:	Ground Water		
Collect Date:	16-APR-26 10:50		
Receive Date:	17-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SM 5310 B Total Organic/Inorganic Carbon "As Received"												
Total Organic Carbon Average	J	0.938	0.330	1.00	mg/L		1	KB3	04/22/26	0956	2981377	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SM 5310 B	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company :	Westinghouse Electric Co. LLC
Address :	5801 Bluff Road
	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Ground Water Well Liquid Analysis

Client Sample ID:	W-73-2026-Q2-UF	Project:	WNUC1502
Sample ID:	773429010	Client ID:	WNUC015
Matrix:	Ground Water		
Collect Date:	16-APR-26 10:50		
Receive Date:	17-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SM 5310 B Total Organic/Inorganic Carbon "As Received"												
Total Organic Carbon Average	J	0.799	0.330	1.00	mg/L		1	KB3	04/22/26	1020	2981377	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SM 5310 B	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : Westinghouse Electric Co. LLC
Address : 5801 Bluff Road

Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID:	W-54-2026-Q2-F	Project:	WNUC1502
Sample ID:	773429011	Client ID:	WNUC015
Matrix:	Ground Water		
Collect Date:	16-APR-26 09:41		
Receive Date:	17-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SM 5310 B Total Organic/Inorganic Carbon "As Received"												
Total Organic Carbon Average		1.86	0.330	1.00	mg/L		1	KB3	04/22/26	1043	2981377	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SM 5310 B	

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company :	Westinghouse Electric Co. LLC
Address :	5801 Bluff Road
	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Ground Water Well Liquid Analysis

Client Sample ID:	W-54-2026-Q2-UF	Project:	WNUC1502
Sample ID:	773429012	Client ID:	WNUC015
Matrix:	Ground Water		
Collect Date:	16-APR-26 09:41		
Receive Date:	17-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SM 5310 B Total Organic/Inorganic Carbon "As Received"												
Total Organic Carbon Average	J	0.493	0.330	1.00	mg/L		1	KB3	04/23/26	1812	2981988	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SM 5310 B	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company :	Westinghouse Electric Co. LLC
Address :	5801 Bluff Road
	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Ground Water Well Liquid Analysis

Client Sample ID:	W-37-2026-Q2-F	Project:	WNUC1502
Sample ID:	773429013	Client ID:	WNUC015
Matrix:	Ground Water		
Collect Date:	16-APR-26 10:49		
Receive Date:	17-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SM 5310 B Total Organic/Inorganic Carbon "As Received"												
Total Organic Carbon Average	J	0.805	0.330	1.00	mg/L		1	KB3	04/23/26	1836	2981988	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SM 5310 B	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company :	Westinghouse Electric Co. LLC
Address :	5801 Bluff Road
	Hopkins, South Carolina 29061
Contact:	Diana Joyner
Project:	Ground Water Well Liquid Analysis

Client Sample ID:	W-37-2026-Q2-UF	Project:	WNUC1502
Sample ID:	773429014	Client ID:	WNUC015
Matrix:	Ground Water		
Collect Date:	16-APR-26 10:49		
Receive Date:	17-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
SM 5310 B Total Organic/Inorganic Carbon "As Received"												
Total Organic Carbon Average	J	0.396	0.330	1.00	mg/L		1	KB3	04/23/26	1859	2981988	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SM 5310 B	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

QC Summary

Report Date: June 11, 2026

Westinghouse Electric Co. LLC
5801 Bluff Road
Hopkins, South Carolina

Contact: **Diana Joyner**

Workorder: **773429**

Parmname	NOM		Sample	Qual	QC	Units	RPD%		REC%	Range	Anlst	Date	Time
Carbon Analysis													
Batch 2981376													
QC1206442578 772932001 DUP													
Total Organic Carbon Average		U	ND	U	ND	mg/L	N/A				KB3	04/22/26	14:32
QC1206442577 LCS													
Total Organic Carbon Average	10.0				9.79	mg/L			97.9	(80%-120%)		04/22/26	13:40
QC1206442576 MB													
Total Organic Carbon Average				U	ND	mg/L						04/22/26	13:25
QC1206442579 772932001 MS													
Total Organic Carbon Average	10.0	U	ND		10.7	mg/L			104	(85%-115%)		04/22/26	15:03
Batch 2981377													
QC1206442587 772976011 DUP													
Total Organic Carbon Average			2.71		2.66	mg/L	1.71	^		(+/-1.00)	KB3	04/21/26	22:20
QC1206442586 LCS													
Total Organic Carbon Average	10.0				9.84	mg/L			98.4	(80%-120%)		04/21/26	21:36
QC1206442585 MB													
Total Organic Carbon Average				U	ND	mg/L						04/21/26	21:21
QC1206442588 772976011 MS													
Total Organic Carbon Average	10.0		2.71		12.7	mg/L			99.7	(85%-115%)		04/21/26	22:44
Batch 2981988													
QC1206443756 773540001 DUP													
Total Organic Carbon Average		J	0.922	J	0.584	mg/L	44.9	^		(+/-1.00)	KB3	04/23/26	20:57

GEL LABORATORIES LLC
2040 Savage Road Charleston, SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Workorder: **773429**

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Carbon Analysis											
Batch 2981988											
QC1206443755 LCS											
Total Organic Carbon Average	10.0				9.55	mg/L		95.5	(80%-120%)	KB3	04/23/26 17:52
QC1206443754 MB											
Total Organic Carbon Average				U	ND	mg/L					04/23/26 17:37
QC1206443757 773540001 MS											
Total Organic Carbon Average	10.0	J	0.922		10.9	mg/L		99.5	(85%-115%)		04/23/26 21:28

Notes:

The Qualifiers in this report are defined as follows:

U U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

J J Value is estimated

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

General Chemistry
Technical Case Narrative
Westinghouse Electric
SDG #: 773429

Product: **Carbon, Total Organic**
Analytical Method: SM 5310 B
Analytical Procedure: GL-GC-E-093 REV# 24
Analytical Batch: 2981376

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
773429001	W-57-2026-Q2-F
1206442576	Method Blank (MB) **Batch 2981376**
1206442577	Laboratory Control Sample (LCS)
1206442578	772932001(NonSDG) Sample Duplicate (DUP)
1206442579	772932001(NonSDG) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Carbon, Total Organic**
Analytical Method: SM 5310 B
Analytical Procedure: GL-GC-E-093 REV# 24
Analytical Batch: 2981377

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
773429002	W-57-2026-Q2-UF
773429003	W-56-2026-Q2-F
773429004	W-56-2026-Q2-UF
773429005	W-55-2026-Q2-F
773429006	W-55-2026-Q2-UF
773429007	W-75-2026-Q2-F
773429008	W-75-2026-Q2-UF
773429009	W-73-2026-Q2-F
773429010	W-73-2026-Q2-UF
773429011	W-54-2026-Q2-F
1206442585	Method Blank (MB) **Batch 2981377**
1206442586	Laboratory Control Sample (LCS)
1206442587	772976011(NonSDG) Sample Duplicate (DUP)
1206442588	772976011(NonSDG) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Carbon, Total Organic**
Analytical Method: SM 5310 B
Analytical Procedure: GL-GC-E-093 REV# 24
Analytical Batch: 2981988

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
773429012	W-54-2026-Q2-UF
773429013	W-37-2026-Q2-F
773429014	W-37-2026-Q2-UF
1206443754	Method Blank (MB) **Batch 2981988**
1206443755	Laboratory Control Sample (LCS)
1206443756	773540001(NonSDG) Sample Duplicate (DUP)
1206443757	773540001(NonSDG) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

PO Number: _____
Project #: WNUC1502
GEL Quote #: GELP25-1461
GEL Project Manager: Delaney Stonesmith

GEL Laboratories LLC
CHEMISTRY RADIOCHEMISTRY RADIOBIOASSAY SPECIALTY ANALYTICS
843.556.8171 | 2040 Savage Road | Charleston, SC 29407 | gel.com

Chain of Custody and Analytical Record
(1) COC Number :
Page: 1.0 of 1
GEL Work Order Number: 773429

GEL Client Name: Diana Joyner
Phone Number: 803.647.1920
Project/Site Name: Ground Water Well Liquid Analysis
Address: 5801 Bluff Road, Hopkins, SC 29061
Collected By: Trevor Brown
Send Results To: joynerdp@westinghouse.com

Turn Around Time Requested. Rush subject to surcharge.
Standard: _____
Rush (Specify): _____

Sample ID (Each ID listed will be reported as a unique sample unless otherwise instructed. * For composites - indicate start and stop date/time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	(2) Field Filtered	(3) QC Code	(4) Sample Matrix	Should this sample be considered: (7) Radioactive (Y or N)	(8) Known or possible Hazards	Total number of containers	TOC	(5) Sample Analysis Requested (Enter Analysis Requested like 8270 PAH or 6010 Metals)	Enter total number of container(s) per test below the request on line that corresponds with the sample ID. < (6) Preservative Type
									SA		
W-57-2026-Q2-F	4/15/26	1325	X		GW			1	X		
W-57-2026-Q2-UF	4/15/26	1325									
W-56-2026-Q2-F	4/15/26	1425	X			Y					
W-56-2026-Q2-UF	4/15/26	1425				Y					
W-55-2026-Q2-F	4/15/26	1428	X			Y					
W-55-2026-Q2-UF	4/15/26	1428				Y					
W-75-2026-Q2-F	4/16/26	0940	X								
W-75-2026-Q2-UF	4/16/26	0940									
W-73-2026-Q2-F	4/16/26	1050	X								
W-73-2026-Q2-UF	4/16/26	1050									

Comments
Note: extra sample is required for sample specific QC

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	Dustin Dubbs	4/17/26	12:15			
2		4-17-26	16:50		4/17/26	1650
3						

Select Deliverable: [ ] Results and QC Summary [ ]Calibration Summary [ ] Raw Data [ ] Standards Traceability
EDD Required? [ ] If yes, specify type.
Required Certification:
Sample Collection Time Zone: [√] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:
Additional Remarks: 247578
For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)

For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No Cooler Temp: 2 °C

(1) Chain of Custody Number
Client Determined

(2) Field Filtered
For liquid matrices, indicate with a Y for yes the sample was field filtered.

(3) QC Codes
Equipment Blank (EB) | Matrix Spike (MS)
Field Reagent Blank | Matrix Spike Duplicate (MSD)
Field Duplicate (DUP) | Composite (C)
Trip Blank (TB) | Grab (G)

(4) Matrix Codes
Biosolid (SB) | Leachate (L) | Soil (SO) | Urine (U)
Concrete (C) | Misc Liquid (ML) | Solid Waste (SS) | Vegetation (V)
Drinking Water (DW) | Oil (O) | Storm Water (WS) | Waste Water (WW)
Fecal (FC) | Sediment (SD) | Surface Water (SW) | Water (W)
Filter (F) | Sludge (SL) | Tissue (T) | Wipe (P)
Groundwater (GW)

(6) Preservative Type
Ammonium Acetate (AM) | Nitric Acid (NI) | Sodium Thiosulfate (ST)
Ascorbic Acid (AA) | Sodium Hydroxide (SH) | Sulfuric Acid (SA)
Hexane (HX) | Sodium Bisulfate (SBA) | Trizma (TZ)
Hydrochloric Acid (HA) | Sodium Bisulfite SBI) | Zinc Acetate (ZA)
Methanol (ME)
Leave blank if no preservative is added.

(7) Radioactive *** If yes, email rso@gel.com prior to shipment for approval. Isotopic data should be included in the email and with the sample shipment.***

(8) Known or Possible Hazards
Identify the "Source of the Sample" material
(e.g., NPDES discharge, waste material, stormwater, groundwater, Superfund Site etc.)

RCRA Metals
Arsenic (As) | Chromium (Cr) | Selenium (Se)
Barium (Ba) | Lead (Pb) | Silver (Ag)
Cadmium (Cd) | Mercury (Hg) | Misc. RCRA (MR)
Is this sample known or suspected to be RCRA Hazardous?
Yes [ ] No [ ]

Characteristic
Flammable/Ignitable (FL)
Corrosive (CO)
Reactive (RE)
TSCA Regulated
Polychlorinated biphenyls (PCB)

Listed Waste
Listed Waste (LW)
(F,K,P and U-listed wastes.)
Waste code(s):

Other
Other / Unknown (OT)
(i.e.: asbestos, beryllium, High/low pH, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns.

PO Number: _____
Project #: WNUC1502
GEL Quote #: GELP25-1461
GEL Project Manager: Delaney Stonesmith

GEL Laboratories LLC
CHEMISTRY RADIOCHEMISTRY RADIOBIOASSAY SPECIALTY ANALYTICS
843.556.8171 | 2040 Savage Road | Charleston, SC 29407 | gel.com

Chain of Custody and Analytical Record
(1) COC Number :
Page: 1.0 of 1
GEL Work Order Number:

GEL Client Name: Diana Joyner
Phone Number: 803.647.1920
Project/Site Name: Ground Water Well Liquid Analysis
Address: 5801 Bluff Road, Hopkins, SC 29061
Collected By: Trevor Brown
Send Results To: joynerdp@westinghouse.com

Turn Around Time Requested. Rush subject to surcharge.
Standard: _____
Rush (Specify):_____

(5) Sample Analysis Requested
Enter Analysis Requested like 8270 PAH or 6010 Metals

Enter total number of container(s) per test below the request on line that corresponds with the sample ID.

< (6) Preservative Type

Sample ID Each ID listed will be reported as a unique sample unless otherwise instructed. * For composites - indicate start and stop date/time	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	(2) Field Filtered	(3) QC Code	(4) Sample Matrix	Should this sample be considered: (7) Radioactive (Y or N)	(8) Known or possible Hazards	Total number of containers	SA	TOC	Comments Note: extra sample is required for sample specific QC
W-54-2026-Q2-F	4/16/26	0941	X		GW			1	X	X	
W-54-2026-Q2-UF	4/16/26	0941			"			"	"	"	
W-37-2026-Q2-F	4/16/26	1049	X		"			"	"	"	
W-37-2026-Q2-UF	4/16/26	1049			"			"	"	"	

Chain of Custody Signatures

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1 Dashin DeMille	4/17/26	12:15	1	4.17.26	1400
2	4.17.26	1650	2		1650
3			3	4/17/26	

For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No **Cooler Temp:** ____ °C

Select Deliverable: [ ] Results and QC Summary [ ]Calibration Summary [ ] Raw Data [ ] Standards Traceability
EDD Required? [ ] If yes, specify type.
Required Certification:
Sample Collection Time Zone: [√] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:
Additional Remarks: 247578
For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)

(1) Chain of Custody Number
Client Determined

(2) Field Filtered
For liquid matrices, indicate with a Y for yes the sample was field filtered.

(3) QC Codes
Equipment Blank (EB) | Matrix Spike (MS)
Field Reagent Blank | Matrix Spike Duplicate (MSD)
Field Duplicate (DUP) | Composite (C)
Trip Blank (TB) | Grab (G)

(4) Matrix Codes
Biosolid (SB) | Leachate (L) | Soil (SO) | Urine (U)
Concrete (C) | Misc Liquid (ML) | Solid Waste (SS) | Vegetation (V)
Drinking Water (DW) | Oil (O) | Storm Water (WS) | Waste Water (WW)
Fecal (FC) | Sediment (SD) | Surface Water (SW) | Water (W)
Filter (F) | Sludge (SL) | Tissue (T) | Wipe (P)
Groundwater (GW)

(6) Preservative Type
Ammonium Acetate (AM) | Nitric Acid (NI) | Sodium Thiosulfate (ST)
Ascorbic Acid (AA) | Sodium Hydroxide (SH) | Sulfuric Acid (SA)
Hexane (HX) | Sodium Bisulfate (SBA) | Trizma (TZ)
Hydrochloric Acid (HA) | Sodium Bisulfite SBI) | Zinc Acetate (ZA)
Methanol (ME)
Leave blank if no preservative is added.

(7) Radioactive * If yes, email rso@gel.com prior to shipment for approval. Isotopic data should be included in the email and with the sample shipment.*****

(8) Known or Possible Hazards
Identify the "Source of the Sample" material
(e.g., NPDES discharge, waste material, stormwater, groundwater, Superfund Site etc.)

RCRA Metals
Arsenic (As) | Chromium (Cr) | Selenium (Se)
Barium (Ba) | Lead (Pb) | Silver (Ag)
Cadmium (Cd) | Mercury (Hg) | Misc. RCRA (MR)

Is this sample known or suspected to be RCRA Hazardous?
Yes [ ] No [ ]

Characteristic
Flammable/Ignitable (FL)
Corrosive (CO)
Reactive (RE)

TSCA Regulated
Polychlorinated biphenyls (PCB)

Listed Waste
Listed Waste (LW)
(F,K,P and U-listed wastes.)
Waste code(s):

Other
Other / Unknown (OT)
(i.e.: asbestos, beryllium, High/low pH, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns.

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: WNUC	SDG/AR/COC/Work Order: 773429	GEL PM:
Received By: Erin G	Date Received at GEL: 4/17/26	

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS Field Services Courier Client Other:

IR Temp gun # IR2-23 Daily Calibration Performed? Y N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
1	2				
2	1				
3	2				
EG 4/17/26	19	✓			

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		/	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?	/		COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?	/		Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 6 (CPM) / mR/Hr Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		/	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		/	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	/			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	/			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	/			Preservation Method: Wet Ice Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	/			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?		/		Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	/			If Yes, are Encores or Soil Kits present? Yes___ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes___ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes___ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	/			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	/			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	/			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	/			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	/			
12	COC form is properly signed in relinquished/received sections?	/			Circle Applicable: Not relinquished Other (describe)

Comments:
6. 2 vials for EB have headspace

PM (or PMA) review: Initials ___ Date 4/20/26

☐ Continuation Form Required when selected

GL-CHL-SR-001 Rev 8

List of current GEL Certifications as of 11 June 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

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