



July 22, 2025

Ms. Carolyn Moores
South Carolina Department of Environmental Services
Bureau of Water
2600 Bull Street
Columbia, S.C. 29201

**Subject: Columbia Fuel Fabrication Facility
April 2025 Groundwater Sampling Results
Richland County, S.C.
NPDES Permit SC0001848
File # 51377**

Dear Ms. Moores:

Based upon the National Discharge Pollution Elimination System (NPDES) Permit SC0001848, groundwater samples from 40 wells at Westinghouse Columbia Fuel Fabrication Facility (CFFF) are to be collected semiannually. Groundwater samples were collected from the entire groundwater monitoring network (118 wells) at CFFF from April 2, 2025 through April 22, 2025 using low-flow groundwater sampling techniques. Low-flow groundwater sampling was conducted as described in the Final Remedial Investigation Work Plan (AECOM, 2019). This Remedial Investigation was completed in March 2023, and the CFFF is currently working on the Feasibility Study (FS) as per the site's Consent Agreement with the South Carolina Department of Environmental Services (DES). While these evaluations for the Consent Agreement continue, a "Monitoring Data Table Summary" will be prepared and submitted annually in July in accordance with Part III Section C.1.j. of the NPDES permit.

The FS is being conducted to assess which remedial options are best suited for CFFF. Part of the FS scope of work is to conduct bench and pilot scale studies of potential remedial amendments. A Pilot Study Work Plan was submitted to SCDES on January 30, 2025 (AECOM, 2025) and approved on February 20, 2025. Implementation of the Pilot Study Work Plan is ongoing, and monthly progress reports are submitted.

A summary of the analytical results from the April 2025 groundwater sampling campaign are attached as **Table 1**. In general, these results were similar to previous semiannual groundwater sampling campaign results. A discussion of the onsite radiological impacts is below.

W-56 Uranium

Per its environmental data management program, CFFF has been monitoring a localized area of Uranium (U) impact in monitoring well W-56, including wells downgradient of W-56. Levels of U in groundwater from W-56 increased from 302 ug/L in April 2024 to 576 ug/L in January 2025, exceeding U's maximum contaminant level (MCL) of 30 ug/L. Monitoring well W-56 is a sentinel well located approximately 40 feet west (side to downgradient) of the manufacturing building for the Chemical Area Operable Unit (OU). Historic U impact in this well was first identified in 2018 during an assessment of groundwater west of the Chemical Area OU and the Contaminated Wastewater line (AECOM, 2018).

AECOM

Groundwater from monitoring well W-73, approximately 40 feet downgradient of W-56, and groundwater from monitoring well pair W-74 and W-75, located approximately 110 feet downgradient of W-56, has no U impact from CFFF operations. The U-238 isotope has been detected at estimated concentrations less than 0.2 ug/L in groundwater from downgradient monitoring wells W-73, W-74, and W-75, consistent with naturally occurring background concentrations. Therefore, this U impact is highly localized to an area directly adjacent to the plant building and does not appear to be migrating. CFFF began the quarterly sampling of groundwater from monitoring well W-56 following assessment of the October 2023 data.

No releases, spills, or abnormal operations were noted that would result in increasing U levels. The underground piping team confirmed the integrity of the active process lines. Their investigation was then extended to include out-of-service lines, during which they identified flowing water in one such line. Further assessment revealed that the source was a cooling water return line located above the out-of-service line. A tracer added to the cooling water system confirmed the source of the water, and the leak was isolated in September 2024.

It is possible that the cooling water leak mobilized U from the historically impacted vadose zone and/or water table soils beneath the plant building, or it could have provided a motive force for the migration of U impacted groundwater from beneath the plant building to result in increasing U levels in W-56. No other man-made, potential motive forces for groundwater flow were identified beneath the plant building.

A pilot study is planned for winter/spring of 2026 to address U impacts in this area. This study will target groundwater from monitoring wells W-55 and W-56, where elevated U levels have been noted. While W-77 also shows U presence, its levels are lower.

CFFF will continue quarterly groundwater sampling from monitoring well W-56. As mentioned above, the increasing U levels in groundwater from monitoring well W-56 have not impacted other nearby monitoring wells and do not appear to be migrating beyond this isolated area. The next routine site-wide groundwater sampling campaign will occur in October 2025. The isolated U impact around W-56 is approximately 4,000 feet from the CFFF property boundary, and the site's Conceptual Site Model remains unchanged.

W-11 Technetium-99

Groundwater has routinely exceeded the 900 pCi/L MCL for Tc-99 in monitoring wells W-6 and W-11. Tc-99 levels in W-11 have shown a generally decreasing trend since January 2019. Notably in April 2024, Tc-99 levels were below the MCL for the first time, measuring 628 pCi/L. Although concentrations rose slightly above the MCL to 944 pCi/L in October 2024, they subsequently declined to 503 pCi/L in April 2025.

Monitoring well W-6 has also shown a gradual decline in Tc-99 levels, decreasing from a high of 2,830 pCi/L in April 2021 to 1,790 pCi/L in April 2025. Additionally, Tc-99 levels in downgradient wells have remained stable or have shown a decreasing trend over the same period.

Groundwater analytical results from GEL Laboratories LLC (which contain the applicable chain of custody forms) and groundwater sample collection records from the April 2025 groundwater sampling campaign are attached to this report.

Should you have any questions regarding the information provided in this report or the ongoing FS assessment of remedial technologies for radiological and chemical impacts, please do not hesitate to contact me at (803) 422-2910.

Sincerely,



AECOM

Jeremy Grant
Project Manager

Attachments:

Table 1 – April 2025 Groundwater Analytical Results
GEL Laboratories LLC April 2025 Reports
April 2025 Groundwater Sample Collection Records

Cc: Nancy Parr, Environmental Manager, CFFF
Diana Joyner, Principal Environmental Engineer, CFFF

References:

AECOM, 2018. Contaminated Wastewater Line Assessment Report, Westinghouse Columbia Fuel Fabrication Facility, 5801 Bluff Road, Hopkins, South Carolina, November 30, 2018.

AECOM, 2019. Final Remedial Investigation Work Plan, Westinghouse Columbia Fuel Fabrication Facility, 5801 Bluff Road, Hopkins, South Carolina, June 2019.

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

Table 1 - April 2025 Groundwater Analytical Results Summary
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

Analyte			Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Nitrate as N	Fluoride	Uranium-234	Uranium-235	Uranium-238	Total Uranium Isotopes	Technetium-99
MCL			5	5	70	2	10	4				30	900
Units			ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	pCi/L
Well	Date	Type											
W-RW1	4/9/2025	N	1.38	< 1.00	< 1.00	< 1.00	1.22	0.0611 J	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##
W-RW2	4/15/2025	N	94.1	5.52	0.740 J	< 1.00	12.8	0.337	< 0.0500	< 0.0700	< 0.200	< 0.200	6.31
W-3A	4/21/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	< 0.100	< 0.0500	< 0.0700	0.0930 J	0.0930 J	3.01 #
W-4R	4/21/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	0.155 J	0.113	< 0.0500	< 0.0700	< 0.200	< 0.200	1.10 #
W-6	4/8/2025	N	15.6	2.27	2.25	< 1.00	307	0.846	< 0.0500	< 0.0700	0.456	0.456	1790
W-7A	4/3/2025	N	0.790 J	< 1.00	< 1.00	< 1.00	196	12.1	< 0.0500	< 0.0700	0.556	0.556	141
W-10	4/3/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	13.0	2.45	< 0.0500	< 0.0700	0.0743 J	0.0743 J	79.7
W-11	4/3/2025	N	42.0	5.50	4.19	< 1.00	15.8	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	503
W-13R	4/7/2025	N	10.3	1.24	0.390 J	< 1.00	14.1	8.84	< 0.0500	< 0.0700	0.258	0.258	70.8
W-14	4/17/2025	N	2.25	0.740 J	< 1.00	< 1.00	0.786	0.0896 J	< 0.0500	< 0.0700	0.229	0.229	2.30 #
W-15	4/16/2025	N	5.97	1.33	0.820 J	< 1.00	37.6	2.18	< 0.0500	< 0.0700	< 0.200	< 0.200	180
W-16	4/17/2025	N	0.960 J	0.400 J	< 1.00	< 1.00	1.57	5.39	< 0.0500	< 0.0700	< 0.200	< 0.200	8.45
W-17	4/10/2025	N	3.76	0.920 J	0.810 J	< 1.00	13.3	3.18	< 0.0500	< 0.0700	0.176 J	0.176	497
W-18R	4/3/2025	N	1.12	< 1.00	< 1.00	< 1.00	323	7.08	< 0.0500	0.0205 J	1.94	1.96	151
W-19B	4/10/2025	N	14.7	0.370 J	< 1.00	< 1.00	3.49	0.0407 J	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##
W-20	4/21/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	0.0555 J	< 0.0500	< 0.0700	< 0.200	< 0.200	2.57 #
W-22	4/8/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	95.0	4.64	< 0.0500	0.0126 J	0.597	0.610	36.2
W-23R	4/17/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	0.645	0.0340 J	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##
W-24	4/17/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	0.0561 J	< 0.0500	< 0.0700	< 0.200	< 0.200	0.146 #
W-25	4/21/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	0.0880 J	0.105	< 0.0500	< 0.0700	< 0.200	< 0.200	3.87 #
W-26	4/15/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	2.40	1.91	< 0.0500	< 0.0700	0.0696 J	0.0696 J	5.61
W-27	4/21/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.200	2.33	< 0.0500	< 0.0700	0.152 J	0.152 J	3.75 #
W-28	4/3/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	9.11	7.25	< 0.0500	0.0214 J	1.03	1.05	1.55 #
W-29	4/3/2025	N	0.530 J	< 1.00	< 1.00	< 1.00	17.7	4.25	< 0.0500	< 0.0700	0.532	0.532	10.7
W-30	4/3/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	108	8.91	< 0.0500	0.192	8.43	8.63	33.8
W-32	4/3/2025	N	0.680 J	< 1.00	< 1.00	< 1.00	123	3.35	< 0.0500	< 0.0700	0.107 J	0.107 J	324
W-33	4/10/2025	N	254	21.7	1.32	< 1.00	8.01	0.180	< 0.0500	< 0.0700	< 0.200	< 0.200	2.43 #
W-35	4/9/2025	N	0.920 J	< 1.00	< 1.00	< 1.00	2.44	0.0471 J	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##
W-36	4/10/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	0.260	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##
W-37	4/8/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	1.42	0.0735 J	< 0.0500	< 0.0700	< 0.200	< 0.200	0.760 #
W-38	4/3/2025	N	0.660 J	7.11	< 1.00	< 1.00	2.94	0.402	< 0.0500	< 0.0700	0.103 J	0.103 J	0 ##
W-39	4/14/2025	N	332	4.85	8.97	< 1.00	43.8	0.0608 J	< 0.0500	< 0.0700	0.0837 J	0.0837 J	2.16 #
W-40	4/10/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	1.49	0.261	< 0.0500	< 0.0700	0.234	0.234	0 ##
W-41R	4/15/2025	N	204	10.1	4.37	< 1.00	34.2	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	6.21
W-42	4/15/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	3.25	1.29	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##
W-43	4/14/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	4.83	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##
W-44	4/14/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	1.55	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##
W-45	4/9/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	0.188 J	0.542	< 0.0500	0.0117 J	0.471	0.483	0.861 #
W-46	4/16/2025	N	1.90	0.580 J	< 1.00	< 1.00	7.79	0.0521 J	< 0.0500	< 0.0700	< 0.200	< 0.200	53.4
W-47	4/16/2025	N	0.820 J	0.340 J	< 1.00	< 1.00	30.9	4.55	< 0.0500	< 0.0700	< 0.200	< 0.200	81.0
W-48	4/16/2025	N	156	3.28	1.32	< 1.00	5.25	0.384	< 0.0500	< 0.0700	< 0.200	< 0.200	11.8
W-49	4/15/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##
W-50	4/10/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	0.0622 J	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##
W-50	4/10/2025	FD	< 1.00	< 1.00	< 1.00	< 1.00	0.239	0.0619 J	< 0.0500	< 0.0700	< 0.200	< 0.200	0.936 #
W-51	4/9/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	0.176	< 0.0500	< 0.0700	< 0.200	< 0.200	1.78 #
W-52	4/8/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	1.17	0.451	< 0.0500	0.0486 J	1.75	1.80	0.426 #
W-53	4/8/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	0.632	0.120	< 0.0500	< 0.0700	0.100 J	0.100 J	0.750 #

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Analyte			Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Nitrate as N	Fluoride	Uranium-234	Uranium-235	Uranium-238	Total Uranium Isotopes	Technetium-99
MCL			5	5	70	2	10	4				30	900
Units			ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	pCi/L
Well	Date	Type											
W-54	4/8/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	1.17	0.139	< 0.0500	< 0.0700	< 0.200	< 0.200	1.03 #
W-55	4/4/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	1.22	0.0603 J	0.0170 J	1.98	59.5	61.5	1.67 #
W-56	4/4/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	1.81	0.283	0.0840	9.50	287	297	4.00 #
W-57	4/4/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	1.14	0.0963 J	< 0.0500	0.0167 J	0.533	0.550	0.592 #
W-58	4/4/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	9.71	0.116	< 0.0500	0.0122 J	0.392	0.405	1.70 #
W-59	4/4/2025	N	0.440 J	< 1.00	< 1.00	< 1.00	11.3	1.52	< 0.0500	0.0693 J	2.24	2.31	7.26
W-60	4/14/2025	N	< 1.00	0.580 J	< 1.00	< 1.00	0.181	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0.312 #
W-61	4/14/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	2.33	< 0.100	< 0.0500	< 0.0700	0.0962 J	0.0962 J	0.353 #
W-62	4/10/2025	N	28.8	0.470 J	< 1.00	< 1.00	3.38	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##
W-63	4/15/2025	N	1.65	1.01	< 1.00	< 1.00	5.62	0.0831 J	< 0.0500	0.0106 J	1.31	1.32	19.7
W-64	4/16/2025	N	1.19	< 1.00	< 1.00	< 1.00	34.8	3.96	< 0.0500	< 0.0700	0.0849 J	0.0849 J	99.4
W-65	4/14/2025	N	406	31.8	10.2	< 1.00	1.40	0.0978 J	< 0.0500	< 0.0700	0.0749 J	0.0749 J	1.81 #
W-66	4/14/2025	N	725	18.6	32.2	< 1.00	1.88	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0.468 #
W-66	4/14/2025	FD	705	18.9	32.3	< 1.00	1.86	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##
W-67	4/17/2025	N	29.0	5.36	0.990 J	< 1.00	9.29	0.0332 J	< 0.0500	< 0.0700	< 0.200	< 0.200	38.4
W-67	4/17/2025	FD	30.0	5.53	0.940 J	< 1.00	9.23	0.0599 J	< 0.0500	< 0.0700	< 0.200	< 0.200	43.4
W-68	4/10/2025	N	29.5	0.640 J	< 1.00	< 1.00	2.31	0.0389 J	< 0.0500	< 0.0700	< 0.200	< 0.200	1.99 #
W-69	4/11/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	0.590	0.0550 J	< 0.0500	< 0.0700	0.0849 J	0.0849	0 ##
W-70	4/11/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	1.12	< 0.100	< 0.0500	< 0.0700	0.0773 J	0.0773	0 ##
W-71	4/11/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	< 0.100	< 0.0500	< 0.0700	0.0923 J	0.0923	0 ##
W-72	4/8/2025	N	0.530 J	< 1.00	< 1.00	< 1.00	2.44	0.323	< 0.0500	0.0154 J	0.479	0.494	0.770 #
W-73	4/8/2025	N	0.420 J	< 1.00	< 1.00	< 1.00	0.985	0.0679 J	< 0.0500	< 0.0700	0.117 J	0.117 J	0.135 #
W-73	4/8/2025	FD	0.390 J	< 1.00	< 1.00	< 1.00	0.977	0.0706 J	< 0.0500	< 0.0700	0.125 J	0.125 J	0.111 #
W-74	4/8/2025	N	5.08	1.33	0.480 J	< 1.00	5.13	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0.528 #
W-75	4/8/2025	N	0.500 J	< 1.00	< 1.00	< 1.00	0.995	0.102	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##
W-76	4/8/2025	N	0.630 J	10.5	< 1.00	< 1.00	12.8	2.14	< 0.0500	0.129	3.79	3.92	0.174 #
W-77	4/4/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	6.11	11.8	0.0140 J	1.64	36.4	38.1	4.52
W-78	4/7/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	4.48	9.14	< 0.0500	< 0.0700	0.0722 J	0.0722 J	1.00 #
W-79	4/4/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	3.78	1.39	< 0.0500	< 0.0700	< 0.200	< 0.200	2.57 #
W-80	4/7/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	8.76	0.195	< 0.0500	< 0.0700	0.125 J	0.125 J	2.20 #
W-81	4/8/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	4.05	< 0.100	< 0.0500	< 0.0700	0.143 J	0.143 J	0.0347 #
W-82	4/7/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	1.56	0.0614 J	< 0.0500	< 0.0700	0.445	0.445	1.77 #
W-83	4/7/2025	N	< 1.00	0.370 J	< 1.00	< 1.00	0.884	0.143	< 0.0500	< 0.0700	0.0809 J	0.0809 J	0 ##
W-84	4/7/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.200	0.0652 J	< 0.0500	< 0.0700	0.105 J	0.105 J	0.513 #
W-85	4/17/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	0.203	< 0.0500	< 0.0700	< 0.200	< 0.200	0.730 #
W-86	4/17/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	0.398	< 0.0500	< 0.0700	0.0992 J	0.0992 J	0 ##
W-87	4/9/2025	N	13.8	3.46	< 1.00	< 1.00	0.759	0.0835 J	< 0.0500	< 0.0700	0.245	0.245	0.548 #
W-88	4/2/2025	N	0.560 J	< 1.00	< 1.00	< 1.00	2.72	< 0.10	< 0.0500	< 0.0700	< 0.200	< 0.200	0.352 #
W-89	4/2/2025	N	0.380 J	< 1.00	< 1.00	< 1.00	1.66	< 0.10	< 0.0500	< 0.0700	< 0.200	< 0.200	1.76 #
W-90	4/10/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	1.63	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##
W-91	4/10/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	0.850	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##
W-92	4/21/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.200	0.366	< 0.0500	< 0.0700	< 0.200	< 0.200	5.54
W-93	4/4/2025	N	20.5	3.13	< 1.00	< 1.00	6.73	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##
W-94	4/22/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	0.0773 J	0.0760 J	< 0.0500	< 0.0700	< 0.200	< 0.200	3.30 #
W-95	4/22/2025	N	< 1.00	< 1.00	2.07	0.870 J	< 0.100	0.0814 J	< 0.0500	< 0.0700	< 0.200	< 0.200	2.76 #
W-96	4/18/2025	N	0.800 J	1.84	0.930 J	< 1.00	0.134	0.0827 J	< 0.0500	< 0.0700	< 0.200	< 0.200	1.39 #
W-97	4/18/2025	N	7.15	2.31	< 1.00	< 1.00	8.27	0.319	< 0.0500	< 0.0700	< 0.200	< 0.200	40.4

Table 1 - April 2025 Groundwater Analytical Results Summary
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

Analyte			Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Nitrate as N	Fluoride	Uranium-234	Uranium-235	Uranium-238	Total Uranium Isotopes	Technetium-99
MCL			5	5	70	2	10	4				30	900
Units			ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	pCi/L
Well	Date	Type											
W-98	4/15/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	5.66	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	1.98 #
W-99	4/15/2025	N	6.09	1.24	1.03	< 1.00	1.04	2.45	< 0.0500	< 0.0700	< 0.200	< 0.200	50.6
W-100	4/16/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	1.37	1.98	< 0.0500	< 0.0700	0.220	0.220	61.0
W-102	4/3/2025	N	24.9	3.55	2.14	< 1.00	50.0	4.53	< 0.0500	0.0210 J	1.15	1.17	76.4
W-103	4/17/2025	N	15.8	3.40	0.550 J	< 1.00	6.83	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	19.0
W-104	4/18/2025	N	2.19	0.950 J	< 1.00	< 1.00	5.94	0.0593 J	< 0.0500	< 0.0700	< 0.200	< 0.200	3.60 #
W-105	4/18/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	0.157	< 0.0500	< 0.0700	< 0.200	< 0.200	0.236 #
W-106	4/16/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.200	0.229	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##
W-107	4/22/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	0.200	0.108	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##
W-108	4/21/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	0.151	< 0.0500	< 0.0700	< 0.200	< 0.200	1.26 #
W-109	4/21/2025	N	< 1.00	< 1.00	0.910 J	< 1.00	< 0.100	0.0846 J	< 0.0500	< 0.0700	0.139 J	0.139 J	1.45 #
W-110	4/21/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	2.56 #
W-111	4/22/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	2.50 #
W-112	4/22/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	0.100	< 0.0500	< 0.0700	0.117 J	0.117 J	1.04 #
W-113	4/2/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	2.97	< 0.10	< 0.0500	< 0.0700	< 0.200	< 0.200	0.544 #
W-114	4/2/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	0.71	< 0.10	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##
W-115	4/2/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	2.64	< 0.10	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##
W-116	4/2/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	5.40	< 0.20	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##
W-117	4/2/2025	N	4.29	0.490 J	< 1.00	< 1.00	2.29	< 0.10	< 0.0500	< 0.0700	< 0.200	< 0.200	0.672 #
W-118	4/2/2025	N	39.4	1.82	< 1.00	< 1.00	2.23	< 0.10	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##
W-119	4/14/2025	N	32.4	1.81	< 1.00	< 1.00	1.33	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0.507 #
W-119	4/14/2025	FD	32.2	1.91	< 1.00	< 1.00	1.37	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0.104 #
W-120	4/14/2025	N	273	9.43	0.560 J	< 1.00	2.93	< 0.100	< 0.0500	< 0.0700	0.242	0.242	1.59 #
W-121	4/14/2025	N	31.8	0.980 J	< 1.00	< 1.00	2.29	0.0633 J	< 0.0500	< 0.0700	< 0.200	< 0.200	0.345 #
W-122	4/9/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	0.0396 J	0.0393 J	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##
W-123	4/7/2025	N	13.5	9.58	1.60	< 1.00	70.6	9.80	< 0.0500	< 0.0700	0.983	0.983	326
W-123	4/7/2025	FD	13.5	9.72	1.60	< 1.00	70.8	9.58	< 0.0500	< 0.0700	0.962	0.962	308
W-124	4/18/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	1.44 #
W-125	4/17/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	0.332	< 0.0500	< 0.0700	< 0.200	< 0.200	3.33 #
W-126	4/18/2025	N	0.580 J	2.76	0.650 J	< 1.00	< 0.100	0.0913 J	< 0.0500	< 0.0700	< 0.200	< 0.200	0.233 #

Notes: MCL - Maximum Contaminant Level
Concentrations in orange shaded cells exceed their MCL
Bold concentrations indicate detections
J - Result below reporting limit
- value is below minimum detectable concentration
- value shown as zero reported by analytical laboratory as a negative number
pCi/L - picocuries per liter
ug/L - micrograms per liter
mg/L - milligrams per liter
N - Normal sample
FD - Field duplicate sample



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-RW1	SAMPLE ID: W-RW1-2025-Q2	DATE: 4/9/2025 11:45:00 AM
TOTAL WELL DEPTH (feet) (A): 32.92	WATER TABLE DEPTH (feet) (B): 9.46	LENGTH OF WATER COLUMN (feet) (A-B): 23.46
CASING DIAMETER / MATL: 4 in, STEEL	WELL SCREEN INTERVAL DEPTH: 22.00 - 32.00 ft	CALCULATED SYSTEM VOLUME (gallons): 15.31
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 28.12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 28.12	PURGING START TIME: 4/9/2025 11:15:00 AM
		PURGING END TIME: 4/9/2025 11:40:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:20 AM	9.46	100	0.50	0.50	19.75	63.90	5.45	5.44	183.3	0.00	Clear
11:25 AM	9.46	100	0.50	1.00	19.73	63.76	5.39	5.43	204.7	0.00	Clear
11:30 AM	9.46	100	0.50	1.50	19.84	63.74	5.38	5.43	220.0	0.00	Clear
11:35 AM	9.46	100	0.50	2.00	19.89	63.71	5.37	5.43	222.3	0.00	Clear
11:40 AM	9.46	100	0.50	2.50	19.83	63.65	5.34	5.43	218.2	0.00	Clear

SAMPLING DATA			
WELL NO: W-RW1	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 28.12		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-RW2	SAMPLE ID: W-RW2-2025-Q2	DATE: 4/15/2025 11:01:00 AM
TOTAL WELL DEPTH (feet) (A): 31.37	WATER TABLE DEPTH (feet) (B): 18.58	LENGTH OF WATER COLUMN (feet) (A-B): 12.79
CASING DIAMETER / MATL: 4 in, STEEL	WELL SCREEN INTERVAL DEPTH: 18.50 - 28.50 ft	CALCULATED SYSTEM VOLUME (gallons): 8.35
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26.37	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26.37	PURGING START TIME: 4/15/2025 10:31:00 AM
		PURGING END TIME: 4/15/2025 10:59:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:34 AM	18.79	140	0.00	0.00	21.65	171.60	6.62	5.24	83.1	23.72	Clear
10:39 AM	18.80	140	0.70	0.70	19.20	177.63	2.26	5.06	79.0	0.00	Clear
10:44 AM	18.81	140	0.70	1.40	18.89	177.80	2.12	5.01	79.8	1.00	Clear
10:49 AM	18.83	140	0.70	2.10	18.79	177.85	2.02	5.02	78.4	0.09	Clear
10:54 AM	18.84	140	0.70	2.80	18.79	178.27	1.97	5.04	76.2	0.00	Clear
10:59 AM	18.83	140	0.70	3.50	18.84	178.32	1.90	5.08	74.2	0.00	Clear

SAMPLING DATA			
WELL NO: W-RW2	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 26.37		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aqualtroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-3A	SAMPLE ID: W-3A-2025-Q2	DATE: 4/21/2025 12:10:00 PM
TOTAL WELL DEPTH (feet) (A): 86.45	WATER TABLE DEPTH (feet) (B): 5.75	LENGTH OF WATER COLUMN (feet) (A-B): 80.70
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 73.00 - 83.00 ft	CALCULATED SYSTEM VOLUME (gallons): 13.17
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 80.3	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 80.3	PURGING START TIME: 4/21/2025 11:35:00 AM
		PURGING END TIME: 4/21/2025 12:05:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:40 AM	5.82	100	0.50	0.50	18.83	20.04	1.03	4.84	189.9	142.59	Light brown
11:45 AM	5.81	100	0.50	1.00	19.12	19.87	0.82	4.84	193.4	94.41	Clear
11:50 AM	5.81	100	0.50	1.50	19.09	19.86	0.67	4.83	193.3	28.31	Clear
11:55 AM	5.81	100	0.50	2.00	19.07	19.81	0.54	4.81	195.0	18.90	Clear
12:00 PM	5.81	100	0.50	2.50	19.04	19.80	0.50	4.80	195.4	17.06	Clear
12:05 PM	5.81	100	0.50	3.00	19.29	19.78	0.42	4.80	195.2	11.14	Clear

SAMPLING DATA			
WELL NO: W-3A	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 80.3	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-4R	SAMPLE ID: W-4R-2025-Q2	DATE: 4/21/2025 11:20:00 AM
TOTAL WELL DEPTH (feet) (A): 17.35	WATER TABLE DEPTH (feet) (B): 6.31	LENGTH OF WATER COLUMN (feet) (A-B): 11.04
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 4.50 - 14.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.80
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.1	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.1	PURGING START TIME: 4/21/2025 10:40:00 AM
		PURGING END TIME: 4/21/2025 11:15:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:45 AM	6.51	100	0.50	0.50	17.13	134.54	0.64	5.67	137.8	0.00	Clear
10:50 AM	6.51	100	0.50	1.00	17.30	134.54	0.53	5.66	156.3	0.00	Clear
10:55 AM	6.51	100	0.50	1.50	17.13	134.84	0.49	5.66	163.9	0.00	Clear
11:00 AM	6.51	100	0.50	2.00	16.89	137.08	0.41	5.66	169.0	0.00	Clear
11:05 AM	6.51	100	0.50	2.50	17.08	137.72	0.37	5.66	177.9	1.06	Clear
11:10 AM	6.51	100	0.50	3.00	17.15	139.07	0.39	5.66	179.8	2.16	Clear
11:15 AM	6.51	100	0.50	3.50	17.12	139.13	0.32	5.67	186.2	1.48	Clear

SAMPLING DATA			
WELL NO: W-4R	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.1	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-6	SAMPLE ID: W-6-2025-Q2	DATE: 4/8/2025 9:55:00 AM
TOTAL WELL DEPTH (feet) (A): 27.25	WATER TABLE DEPTH (feet) (B): 11.02	LENGTH OF WATER COLUMN (feet) (A-B): 16.23
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 23.00 - 28.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.65
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24.8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.8	PURGING START TIME: 4/8/2025 8:50:00 AM
		PURGING END TIME: 4/8/2025 9:50:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:55 AM	11.71	100	0.50	0.50	17.96	2232.99	0.82	4.31	261.0	0.00	clear
9:00 AM	11.92	100	0.50	1.00	18.50	2244.01	0.60	4.27	272.1	0.00	clear
9:05 AM	12.17	100	0.50	1.50	18.67	2244.87	0.54	4.27	277.7	0.00	clear
9:10 AM	12.20	100	0.50	2.00	18.82	2715.46	0.33	5.64	243.9	0.00	clear
9:15 AM	12.21	100	0.50	2.50	19.14	3041.03	0.20	6.10	223.3	0.00	clear
9:20 AM	12.22	100	0.50	3.00	19.50	3071.73	0.19	6.16	206.7	2.49	clear
9:25 AM	11.22	100	0.50	3.50	19.21	3213.99	0.20	6.22	197.2	7.79	clear
9:30 AM	12.22	100	0.50	4.00	19.46	3241.81	0.17	6.25	189.4	19.27	clear
9:35 AM	11.22	100	0.50	4.50	19.63	3240.08	0.15	6.25	187.5	21.94	clear
9:40 AM	12.22	100	0.50	5.00	19.72	3274.46	0.15	6.26	185.7	29.95	clear
9:45 AM	12.22	100	0.50	5.50	19.81	3292.58	0.13	6.28	183.5	33.51	clear
9:50 AM	12.22	100	0.50	6.00	19.95	3293.32	0.13	6.29	181.9	10.17	clear

SAMPLING DATA			
WELL NO: W-6	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 24.8	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-7A	SAMPLE ID: W-7A-2025-Q2	DATE: 4/3/2025 11:55:00 AM
TOTAL WELL DEPTH (feet) (A): 20.04	WATER TABLE DEPTH (feet) (B): 12.50	LENGTH OF WATER COLUMN (feet) (A-B): 7.54
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 13.00 - 18.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.23
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.57	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.57	PURGING START TIME: 4/3/2025 11:25:00 AM
		PURGING END TIME: 4/3/2025 11:50:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:30 AM	12.50	120	0.60	0.60	19.06	2155.70	0.26	6.79	145.5	0.00	Clear
11:35 AM	12.73	120	0.60	1.20	19.05	2154.52	0.18	6.81	143.0	0.00	Clear
11:40 AM	12.76	120	0.60	1.80	19.08	2154.84	0.15	6.82	141.6	0.00	Clear
11:45 AM	12.77	120	0.60	2.40	19.42	2159.33	0.15	6.82	140.4	0.00	Clear
11:50 AM	12.77	120	0.60	3.00	19.28	2152.75	0.13	6.82	139.5	0.00	Clear

SAMPLING DATA			
WELL NO: W-7A	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 17.57	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly		Fluoride,Nitrate	ROG-CAL-C
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-10	SAMPLE ID: W-10-2025-Q2	DATE: 4/3/2025 12:55:00 PM
TOTAL WELL DEPTH (feet) (A): 22.20	WATER TABLE DEPTH (feet) (B): 16.18	LENGTH OF WATER COLUMN (feet) (A-B): 6.02
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 17.50 - 22.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.98
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19.73	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19.73	PURGING START TIME: 4/3/2025 12:25:00 PM
		PURGING END TIME: 4/3/2025 12:50:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:30 PM	17.03	100	0.50	0.50	20.59	402.43	0.24	5.65	123.8	0.00	Clear
12:35 PM	16.94	100	0.50	1.00	21.28	404.64	0.29	5.66	126.0	0.00	Clear
12:40 PM	16.89	100	0.50	1.50	21.34	407.59	0.28	5.67	126.7	0.00	Clear
12:45 PM	16.88	100	0.50	2.00	21.27	409.42	0.23	5.67	127.8	0.00	Clear
12:50 PM	16.88	100	0.50	2.50	21.66	411.90	0.19	5.68	129.0	0.00	Clear

SAMPLING DATA			
WELL NO: W-10	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 19.73		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly		Fluoride,Nitrate	ROG-CAL-C
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-11	SAMPLE ID: W-11-2025-Q2	DATE: 4/3/2025 10:50:00 AM
TOTAL WELL DEPTH (feet) (A): 27.23	WATER TABLE DEPTH (feet) (B): 18.60	LENGTH OF WATER COLUMN (feet) (A-B): 8.63
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 22.00 - 25.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.41
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.78	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.78	PURGING START TIME: 4/3/2025 10:05:00 AM
		PURGING END TIME: 4/3/2025 10:45:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:10 AM	21.35	100	1.50	1.50	20.76	192.90	0.23	5.26	111.1	0.00	Clear
10:15 AM	22.27	100	0.50	2.00	20.68	193.64	0.21	5.27	112.3	0.00	Clear
10:20 AM	21.80	100	0.50	2.50	21.11	194.41	0.31	5.28	113.6	0.00	Clear
10:25 AM	23.23	100	0.50	3.00	21.19	194.42	0.30	5.29	114.1	0.38	Clear
10:30 AM	23.45	100	0.50	3.50	21.42	194.72	0.31	5.29	115.0	0.00	Clear
10:35 AM	23.73	100	0.50	4.00	21.64	194.93	0.37	5.29	115.9	1.59	Clear
10:40 AM	23.87	100	0.50	4.50	21.70	195.04	0.35	5.29	116.7	0.60	Clear
10:45 AM	24.03	100	0.50	5.00	21.63	195.08	0.35	5.29	117.5	0.25	Clear

SAMPLING DATA			
WELL NO: W-11	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 25.78	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly		Fluoride,Nitrate	ROG-CAL-C
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-13R	SAMPLE ID: W-13R-2025-Q2	DATE: 4/7/2025 11:10:00 AM
TOTAL WELL DEPTH (feet) (A): 20.18	WATER TABLE DEPTH (feet) (B): 12.63	LENGTH OF WATER COLUMN (feet) (A-B): 7.55
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.00 - 20.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.23
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.68	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.68	PURGING START TIME: 4/7/2025 10:21:00 AM
		PURGING END TIME: 4/7/2025 11:09:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:24 AM	12.70	140	0.70	0.70	26.56	494.91	4.59	5.96	91.0	100.80	Clear
10:29 AM	12.70	140	0.70	1.40	21.07	560.15	0.28	5.91	95.1	67.14	Clear
10:34 AM	12.70	140	0.70	2.10	21.19	564.32	0.24	5.92	95.0	44.22	Clear
10:39 AM	12.70	140	0.70	2.80	21.23	569.54	0.18	5.94	91.4	28.28	Clear
10:44 AM	12.70	140	0.70	3.50	21.27	572.94	0.15	5.95	88.7	25.18	Clear
10:49 AM	12.70	140	0.70	4.20	21.10	576.73	0.14	5.96	86.0	25.38	Clear
10:54 AM	12.70	140	0.70	4.90	20.94	574.94	0.12	5.95	83.7	21.61	Clear
10:59 AM	12.70	140	0.70	5.60	20.99	588.93	0.10	5.98	81.6	25.50	Clear
11:04 AM	12.70	140	0.70	6.30	21.03	588.08	0.11	5.98	79.0	24.85	Clear
11:09 AM	12.70	140	0.70	7.00	20.99	597.99	0.10	6.00	77.5	23.23	Clear

SAMPLING DATA			
WELL NO: W-13R	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 17.68		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL

Low Flow Groundwater Sample Collection Record

WELL NO: W-14		SAMPLE ID: W-14-2025-Q2		DATE: 4/17/2025 10:55:00 AM	
TOTAL WELL DEPTH (feet) (A): 30.52		WATER TABLE DEPTH (feet) (B): 16.48		LENGTH OF WATER COLUMN (feet) (A-B): 14.04	
CASING DIAMETER / MATL: 2 in, PVC		WELL SCREEN INTERVAL DEPTH: 24.00 - 29.00 ft		CALCULATED SYSTEM VOLUME (gallons): 2.29	
PURGING DATA					
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 28.02		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 28.02		PURGING START TIME: 4/17/2025 9:50:00 AM	
				PURGING END TIME: 4/17/2025 10:50:00 AM	
				PUMP TYPE: Low flow (pump type: Peristaltic)	

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:55 AM	16.63	100	0.50	0.50	17.80	522.47	0.48	6.15	26.1	124.57	Light brown
10:00 AM	16.64	100	0.50	1.00	18.00	521.83	0.30	6.16	24.0	83.76	Clear
10:05 AM	16.64	100	0.50	1.50	18.08	518.11	0.22	6.16	23.3	107.32	Clear
10:10 AM	16.64	100	0.50	2.00	18.18	515.49	0.20	6.17	23.7	56.15	Clear
10:15 AM	16.64	100	0.50	2.50	18.29	506.27	0.18	6.17	25.1	46.65	Clear
10:20 AM	16.64	100	0.50	3.00	18.38	503.34	0.18	6.17	26.4	40.67	Clear
10:25 AM	16.64	100	0.50	3.50	18.37	491.73	0.21	6.17	27.8	36.23	Clear
10:30 AM	16.64	100	0.50	4.00	18.43	484.99	0.21	6.17	28.7	34.19	Clear
10:35 AM	16.64	100	0.50	4.50	18.55	480.39	0.21	6.17	29.6	27.38	Clear
10:40 AM	16.64	100	0.50	5.00	18.47	463.11	0.22	6.17	30.7	19.47	Clear
10:45 AM	16.64	100	0.50	5.50	18.55	454.46	0.23	6.17	32.2	17.73	Clear
10:50 AM	16.64	100	0.50	6.00	18.72	456.74	0.21	6.17	32.0	17.31	Clear

SAMPLING DATA			
WELL NO: W-14	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 28.02		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-15	SAMPLE ID: W-15-2025-Q2	DATE: 4/16/2025 2:06:00 PM
TOTAL WELL DEPTH (feet) (A): 21.90	WATER TABLE DEPTH (feet) (B): 12.15	LENGTH OF WATER COLUMN (feet) (A-B): 9.75
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.50 - 20.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.59
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19.4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19.4	PURGING START TIME: 4/16/2025 1:19:00 PM
		PURGING END TIME: 4/16/2025 2:04:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:44 PM	12.32	0	0.00	0.00	25.91	501.77	1.44	5.83	92.5	0.00	Clear
1:49 PM	12.36	140	0.70	0.70	19.10	496.62	0.27	5.81	105.7	0.00	Clear
1:54 PM	12.38	140	0.70	1.40	18.93	499.08	0.18	5.79	109.4	0.00	Clear
1:59 PM	12.39	140	0.70	2.10	19.11	498.04	0.16	5.82	109.1	2.31	Clear
2:04 PM	12.39	140	0.70	2.80	18.95	502.19	0.13	5.84	110.0	0.37	Clear

SAMPLING DATA			
WELL NO: W-15	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 19.4		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-16	SAMPLE ID: W-16-2025-Q2	DATE: 4/17/2025 9:05:00 AM
TOTAL WELL DEPTH (feet) (A): 13.61	WATER TABLE DEPTH (feet) (B): 4.35	LENGTH OF WATER COLUMN (feet) (A-B): 9.26
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 11.00 - 14.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.51
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13.11	PURGING START TIME: 4/17/2025 8:00:00 AM
		PURGING END TIME: 4/17/2025 9:00:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:05 AM	5.70	100	0.50	0.50	16.05	190.52	3.31	6.92	155.3	29.79	Clear
8:10 AM	6.43	100	0.50	1.00	16.21	188.65	3.19	6.94	151.5	31.27	Clear
8:15 AM	7.18	100	0.50	1.50	16.24	189.49	3.10	6.94	148.7	25.57	Clear
8:20 AM	7.64	100	0.50	2.00	16.23	190.70	3.15	6.94	147.0	20.27	Clear
8:25 AM	8.05	100	0.50	2.50	16.28	190.96	3.28	6.94	144.4	23.89	Clear
8:30 AM	8.31	100	0.50	3.00	16.36	193.24	3.11	6.93	142.7	22.63	Clear
8:35 AM	8.55	100	0.50	3.50	16.46	194.71	2.98	6.93	127.1	21.40	Clear
8:40 AM	8.75	100	0.50	4.00	16.50	196.30	2.88	6.91	66.1	21.66	Clear
8:45 AM	8.81	100	0.50	4.50	16.60	310.86	0.92	6.39	4.7	4.33	Clear
8:50 AM	8.97	100	0.50	5.00	16.60	345.22	0.24	6.30	11.1	1.85	Clear
8:55 AM	9.03	100	0.50	5.50	16.66	349.78	0.18	6.26	12.9	0.00	Clear
9:00 AM	9.04	100	0.50	6.00	16.80	350.28	0.17	6.26	11.0	0.00	Clear

SAMPLING DATA			
WELL NO: W-16	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 13.11	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-17	SAMPLE ID: W-17-2025-Q2	DATE: 4/10/2025 12:24:00 PM
TOTAL WELL DEPTH (feet) (A): 29.90	WATER TABLE DEPTH (feet) (B): 14.47	LENGTH OF WATER COLUMN (feet) (A-B): 15.43
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 23.00 - 28.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.52
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27.4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.4	PURGING START TIME: 4/10/2025 11:30:00 AM
		PURGING END TIME: 4/10/2025 12:22:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:32 AM	14.65	160	0.80	0.80	23.58	448.53	6.33	6.38	59.7	0.00	Clear
11:37 AM	14.67	160	0.80	1.60	20.46	582.53	0.44	6.52	56.4	0.21	Clear
11:42 AM	14.67	160	0.80	2.40	20.47	565.71	0.35	6.50	52.3	0.00	Clear
11:47 AM	14.67	160	0.80	3.20	20.62	549.03	0.28	6.48	45.9	0.52	Clear
11:52 AM	14.67	160	0.80	4.00	20.51	541.54	0.24	6.46	39.4	2.94	
11:57 AM	14.67	160	0.80	4.80	20.59	510.96	0.20	6.42	32.7	4.04	Clear
12:02 PM	14.67	160	0.80	5.60	20.73	506.83	0.18	6.41	26.5	7.52	Clear
12:07 PM	14.67	160	0.80	6.40	21.01	491.41	0.19	6.38	20.7	12.88	Clear
12:12 PM	14.67	160	0.80	7.20	20.92	483.69	0.18	6.37	16.0	15.85	Clear
12:17 PM	14.67	160	0.80	8.00	21.06	476.37	0.16	6.35	11.4	19.96	Clear
12:22 PM	14.67	160	0.80	8.80	21.30	476.48	0.17	6.34	7.1	18.68	Clear

SAMPLING DATA			
WELL NO: W-17	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 27.4		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-18R	SAMPLE ID: W-18R-2025-Q2	DATE: 4/3/2025 2:55:00 PM
TOTAL WELL DEPTH (feet) (A): 27.19	WATER TABLE DEPTH (feet) (B): 12.07	LENGTH OF WATER COLUMN (feet) (A-B): 15.12
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 22.50 - 27.50 ft	CALCULATED SYSTEM VOLUME (gallons): 2.47
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24.66	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.66	PURGING START TIME: 4/3/2025 1:50:00 PM
		PURGING END TIME: 4/3/2025 2:50:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:55 PM	12.99	100	0.50	0.50	23.60	2168.21	0.60	6.64	134.0	0.00	Clear
2:00 PM	13.57	100	0.50	1.00	22.79	2188.13	0.23	6.71	129.0	0.00	Clear
2:05 PM	14.05	100	0.50	1.50	23.06	2208.81	0.20	6.74	124.8	0.00	Clear
2:10 PM	14.31	100	0.50	2.00	23.44	2239.10	0.17	6.76	123.1	0.10	Clear
2:15 PM	14.60	100	0.50	2.50	22.98	2326.13	0.14	6.78	123.0	2.19	Clear
2:20 PM	14.79	100	0.50	3.00	23.28	2429.64	0.14	6.81	122.9	6.01	Clear
2:25 PM	14.92	100	0.50	3.50	23.16	2522.15	0.13	6.84	123.4	9.33	Clear
2:30 PM	15.02	100	0.50	4.00	22.91	2620.45	0.12	6.86	124.5	15.67	Clear
2:35 PM	15.09	100	0.50	4.50	22.94	2743.43	0.11	6.89	125.8	19.89	Clear
2:40 PM	15.14	100	0.50	5.00	23.24	2812.33	0.11	6.91	127.2	25.18	Clear
2:45 PM	15.18	100	0.50	5.50	23.24	2905.77	0.10	6.93	128.7	27.97	Clear
2:50 PM	15.21	100	0.50	6.00	23.17	3016.08	0.10	6.95	130.2	35.28	Clear

SAMPLING DATA			
WELL NO: W-18R	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 24.66	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly		Fluoride,Nitrate	ROG-CAL-C
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-19B	SAMPLE ID: W-19B-2025-Q2	DATE: 4/10/2025 12:25:00 PM
TOTAL WELL DEPTH (feet) (A): 43.03	WATER TABLE DEPTH (feet) (B): 25.06	LENGTH OF WATER COLUMN (feet) (A-B): 17.97
CASING DIAMETER / MATL: 4 in, PVC	WELL SCREEN INTERVAL DEPTH: 30.50 - 40.50 ft	CALCULATED SYSTEM VOLUME (gallons): 11.73
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 37.94	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 37.94	PURGING START TIME: 4/10/2025 11:55:00 AM
		PURGING END TIME: 4/10/2025 12:20:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:00 PM	25.10	100	3.00	3.00	20.65	66.64	5.64	5.48	202.4	0.00	Clear
12:05 PM	25.10	100	0.50	3.50	20.41	66.71	5.53	5.51	207.3	0.00	Clear
12:10 PM	25.10	100	0.50	4.00	20.23	67.15	5.51	5.52	210.8	0.00	Clear
12:15 PM	25.10	100	0.50	4.50	20.27	67.20	5.49	5.52	212.8	0.00	Clear
12:20 PM	25.10	100	0.50	5.00	20.33	67.20	5.46	5.53	213.7	0.00	Clear

SAMPLING DATA			
WELL NO: W-19B	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 37.94	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-20	SAMPLE ID: W-20-2025-Q2	DATE: 4/21/2025 10:01:00 AM
TOTAL WELL DEPTH (feet) (A): 18.76	WATER TABLE DEPTH (feet) (B): 7.40	LENGTH OF WATER COLUMN (feet) (A-B): 11.36
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.85
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 16.26	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 16.26	PURGING START TIME: 4/21/2025 9:37:00 AM
		PURGING END TIME: 4/21/2025 9:59:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:39 AM	7.43	120		0.00	18.88	90.76	0.00	5.35	90.2	1.34	Clear
9:44 AM	7.43	140	0.70	0.70	17.31	94.21	0.00	5.21	104.3	0.72	Clear
9:49 AM	7.43	140	0.70	1.40	17.27	94.47	0.00	5.21	105.5	0.54	Clear
9:54 AM	7.43	140	0.70	2.10	17.48	95.04	0.00	5.21	102.1	0.00	Clear
9:59 AM	7.43	140	0.70	2.80	17.51	94.74	0.00	5.22	99.5	0.00	Clear

SAMPLING DATA			
WELL NO: W-20	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 16.26		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-22	SAMPLE ID: W-22-2025-Q2	DATE: 4/8/2025 10:55:00 AM
TOTAL WELL DEPTH (feet) (A): 14.41	WATER TABLE DEPTH (feet) (B): 11.27	LENGTH OF WATER COLUMN (feet) (A-B): 3.14
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.51
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.9	PURGING START TIME: 4/8/2025 10:25:00 AM
		PURGING END TIME: 4/8/2025 10:50:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:30 AM	11.33	100	0.50	0.50	23.95	1164.78	4.52	5.55	197.4	1.48	clear
10:35 AM	11.43	100	0.50	1.00	23.99	1161.66	1.61	5.50	202.1	0.00	clear
10:40 AM	11.46	100	0.50	1.50	19.77	1205.90	0.23	5.51	208.4	0.00	clear
10:45 AM	11.47	100	0.50	2.00	19.76	1204.52	0.19	5.51	210.4	0.00	clear
10:50 AM	11.47	100	0.50	2.50	19.77	1208.12	0.18	5.51	212.1	0.00	clear

SAMPLING DATA			
WELL NO: W-22	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.9	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-23R	SAMPLE ID: W-23R-2025-Q2	DATE: 4/17/2025 2:20:00 PM
TOTAL WELL DEPTH (feet) (A): 23.95	WATER TABLE DEPTH (feet) (B): 18.84	LENGTH OF WATER COLUMN (feet) (A-B): 5.11
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 16.00 - 21.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.83
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.45	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.45	PURGING START TIME: 4/17/2025 1:50:00 PM
		PURGING END TIME: 4/17/2025 2:15:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:55 PM	18.94	100	0.50	0.50	19.39	45.79	3.80	5.08	249.8	0.00	Clear
2:00 PM	19.00	100	0.50	1.00	19.68	45.88	3.63	5.08	255.8	0.00	Clear
2:05 PM	19.04	100	0.50	1.50	19.43	45.72	3.67	5.08	260.1	0.00	Clear
2:10 PM	19.06	100	0.50	2.00	19.36	45.92	3.73	5.09	257.5	0.00	Clear
2:15 PM	19.07	100	0.50	2.50	19.36	46.03	3.73	5.09	257.1	0.00	Clear

SAMPLING DATA			
WELL NO: W-23R	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 21.45		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-24	SAMPLE ID: W-24-2025-Q2	DATE: 4/17/2025 12:54:00 PM
TOTAL WELL DEPTH (feet) (A): NM	WATER TABLE DEPTH (feet) (B): 9.47	LENGTH OF WATER COLUMN (feet) (A-B):
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons):
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.59	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.59	PURGING START TIME: 4/17/2025 12:00:00 PM
		PURGING END TIME: 4/17/2025 12:52:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:02 PM	9.50	140		0.00	24.66	37.22	4.83	8.40	2.4	15.16	Clear
12:07 PM	9.50	140	0.70	0.70	19.13	32.95	0.55	5.25	60.3	14.43	Clear
12:12 PM	9.50	140	0.70	1.40	19.00	32.48	0.30	5.15	64.5	15.53	Clear
12:17 PM	9.50	140	0.70	2.10	18.97	33.10	0.26	5.10	63.2	12.27	Clear
12:22 PM	9.50	140	0.70	2.80	19.03	33.79	0.21	5.16	68.7	4.35	Clear
12:27 PM	9.50	140	0.70	3.50	19.11	34.90	0.23	5.15	71.5	3.84	Clear
12:32 PM	9.50	140	0.70	4.20	19.06	36.68	0.24	5.19	72.9	4.90	
12:37 PM	9.50	140	0.70	4.90	19.12	36.65	0.24	5.20	73.3	7.65	Clear
12:42 PM	9.50	140	0.70	5.60	18.97	38.21	0.25	5.21	71.5	6.94	Clear
12:47 PM	9.50	140	0.70	6.30	19.20	38.31	0.26	5.22	73.1	12.85	Clear
12:52 PM	9.50	140	0.70	7.00	18.96	39.36	0.31	5.24	74.8	4.77	Clear

SAMPLING DATA			
WELL NO: W-24	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 14.59	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL

Low Flow Groundwater Sample Collection Record

WELL NO: W-25		SAMPLE ID: W-25-2025-Q2		DATE: 4/21/2025 1:17:00 PM	
TOTAL WELL DEPTH (feet) (A): 28.76		WATER TABLE DEPTH (feet) (B): 8.10		LENGTH OF WATER COLUMN (feet) (A-B): 20.66	
CASING DIAMETER / MATL: 2 in, PVC		WELL SCREEN INTERVAL DEPTH: 22.50 - 27.50 ft		CALCULATED SYSTEM VOLUME (gallons): 3.37	
PURGING DATA					
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26.26		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26.26		PURGING START TIME: 4/21/2025 12:18:00 PM	
				PURGING END TIME: 4/21/2025 1:15:00 PM	
				PUMP TYPE: Low flow (pump type: Peristaltic)	

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:20 PM	8.26	100	0.00	0.00	27.12	116.98	0.00	6.38	16.4	26.74	Reddish
12:25 PM	8.26	100	0.50	0.50	19.53	75.72	0.00	5.90	37.7	32.42	Reddish
12:30 PM	8.26	100	0.50	1.00	19.56	85.86	0.00	5.85	14.6	22.79	Clear
12:35 PM	8.26	100	0.50	1.50	19.55	104.20	0.00	5.88	-15.2	18.21	Clearing
12:40 PM	8.26	100	0.50	2.00	19.31	110.23	0.00	5.90	-33.5	17.74	Clear
12:45 PM	8.26	100	0.50	2.50	19.81	112.14	0.00	5.92	-44.7	14.91	Clear
12:50 PM	8.26	100	0.50	3.00	19.75	123.91	0.00	6.02	-57.3	8.32	Clear
12:55 PM	8.26	100	0.50	3.50	19.97	132.26	0.00	6.11	-65.5	7.92	Clear
1:00 PM	8.26	100	0.50	4.00	20.00	131.70	0.00	6.15	-75.3	6.46	Clear
1:05 PM	8.26	100	0.50	4.50	20.52	140.61	0.00	6.21	-82.2	3.22	Clear
1:10 PM	8.26	100	0.50	5.00	20.60	137.62	0.00	6.21	-83.1	4.37	Clear
1:15 PM	8.26	100	0.50	5.50	20.02	134.66	0.00	6.19	-85.8	6.65	Clear

SAMPLING DATA			
WELL NO: W-25	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 26.26		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-26	SAMPLE ID: W-26-2025-Q2	DATE: 4/15/2025 1:57:00 PM
TOTAL WELL DEPTH (feet) (A): 32.25	WATER TABLE DEPTH (feet) (B): 25.85	LENGTH OF WATER COLUMN (feet) (A-B): 6.40
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 25.50 - 30.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.04
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 29.75	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 29.75	PURGING START TIME: 4/15/2025 1:25:00 PM
		PURGING END TIME: 4/15/2025 1:56:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:31 PM	25.87	100	0.50	0.50	20.94	177.55	4.78	5.60	130.3	6.47	Clear
1:36 PM	25.90	100	0.50	1.00	19.54	181.21	0.90	5.56	124.0	0.00	Clear
1:41 PM	25.90	100	0.50	1.50	19.36	179.28	0.58	5.52	124.0	0.00	Clear
1:46 PM	25.90	100	0.50	2.00	19.29	179.80	0.44	5.50	122.7	0.00	Clear
1:51 PM	25.90	100	0.50	2.50	19.24	177.43	0.38	5.50	120.5	0.00	Clear
1:56 PM	25.90	100	0.50	3.00	19.07	177.59	0.35	5.51	118.6	0.00	Clear

SAMPLING DATA			
WELL NO: W-26	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 29.75	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aqualtroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-27	SAMPLE ID: W-27-2025-Q2	DATE: 4/21/2025 9:00:00 AM
TOTAL WELL DEPTH (feet) (A): 15.38	WATER TABLE DEPTH (feet) (B): 10.11	LENGTH OF WATER COLUMN (feet) (A-B): 5.27
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.86
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.92	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13.92	PURGING START TIME: 4/21/2025 8:10:00 AM
		PURGING END TIME: 4/21/2025 8:55:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:15 AM	10.46	100	0.50	0.50	16.88	325.12	0.31	6.14	-36.9	147.18	Light brown
8:20 AM	10.44	100	0.50	1.00	16.92	326.38	0.22	6.15	-42.2	92.56	Clear
8:25 AM	10.44	100	0.50	1.50	16.97	326.93	0.18	6.15	-44.4	94.55	Clear
8:30 AM	10.44	100	0.50	2.00	17.05	327.47	0.15	6.15	-46.6	53.97	Clear
8:35 AM	10.44	100	0.50	2.50	17.05	327.63	0.13	6.15	-47.5	33.62	Clear
8:40 AM	10.44	100	0.50	3.00	17.11	328.15	0.12	6.15	-49.5	21.22	Clear
8:45 AM	10.44	100	0.50	3.50	17.12	328.17	0.11	6.15	-50.7	18.33	Clear
8:50 AM	10.44	100	0.50	4.00	17.14	328.12	0.11	6.15	-51.3	16.83	Clear
8:55 AM	10.44	100	0.50	4.50	17.15	328.58	0.10	6.15	-51.8	11.64	Clear

SAMPLING DATA			
WELL NO: W-27	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 13.92	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-28	SAMPLE ID: W-28-2025-Q2	DATE: 4/3/2025 9:19:00 AM
TOTAL WELL DEPTH (feet) (A): 17.20	WATER TABLE DEPTH (feet) (B): 12.78	LENGTH OF WATER COLUMN (feet) (A-B): 4.42
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.72
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.99	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.99	PURGING START TIME: 4/3/2025 8:51:00 AM
		PURGING END TIME: 4/3/2025 9:18:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:53 AM	12.84	120	0.60	0.60	21.07	540.47	7.62	6.36	143.4	6.35	Clear
8:58 AM	12.85	120	0.60	1.20	19.62	557.13	4.20	6.30	116.4	2.24	Clear
9:03 AM	12.85	120	0.60	1.80	19.44	561.62	4.14	6.29	109.4	4.16	Clear
9:08 AM	12.85	120	0.60	2.40	19.42	563.62	4.02	6.28	104.7	1.67	Clear
9:13 AM	12.85	120	0.60	3.00	19.31	566.14	3.97	6.28	100.1	1.64	Clear
9:18 AM	12.85	120	0.60	3.60	19.37	565.42	3.93	6.28	96.8	2.16	Clear

SAMPLING DATA			
WELL NO: W-28	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 14.99		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly		Fluoride,Nitrate	ROG-CAL-C
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-29	SAMPLE ID: W-29-2025-Q2	DATE: 4/3/2025 12:47:00 PM
TOTAL WELL DEPTH (feet) (A): 15.57	WATER TABLE DEPTH (feet) (B): 12.56	LENGTH OF WATER COLUMN (feet) (A-B): 3.01
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 9.00 - 14.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.49
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.065	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.065	PURGING START TIME: 4/3/2025 11:47:00 AM
		PURGING END TIME: 4/3/2025 12:45:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:50 AM	12.57	140	0.00	0.00	26.81	279.81	6.34	6.06	138.3	2.30	Clear
11:55 AM	12.57	140	0.70	0.70	19.58	385.62	0.41	6.18	126.9	0.00	Clear
12:00 PM	12.57	140	0.70	1.40	19.28	388.69	0.34	6.17	127.5	0.00	Clear
12:05 PM	12.57	140	0.70	2.10	19.25	374.90	0.28	6.16	126.4	0.00	Clear
12:10 PM	12.57	140	0.70	2.80	19.34	355.00	0.29	6.16	122.7	0.00	Clear
12:15 PM	12.57	140	0.70	3.50	19.21	338.65	0.29	6.16	119.8	0.00	Clear
12:20 PM	12.57	140	0.70	4.20	19.29	359.67	0.28	6.20	119.8	0.00	Clear
12:25 PM	12.57	140	0.70	4.90	19.39	349.42	0.28	6.21	118.1	0.00	Clear
12:30 PM	12.57	140	0.70	5.60	19.35	368.60	0.30	6.25	119.0	0.00	Clear
12:35 PM	12.57	140	0.70	6.30	19.38	355.53	0.30	6.25	118.9	0.00	Clear
12:40 PM	12.57	140	0.70	7.00	19.66	368.73	0.30	6.26	119.0	0.00	Clear
12:45 PM	12.57	140	0.70	7.70	19.70	372.26	0.28	6.27	119.1	0.00	Clear

SAMPLING DATA			
WELL NO: W-29	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 14.065		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly		Fluoride,Nitrate	ROG-CAL-C
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-30	SAMPLE ID: W-30-2025-Q2	DATE: 4/3/2025 2:08:00 PM
TOTAL WELL DEPTH (feet) (A): 16.74	WATER TABLE DEPTH (feet) (B): 12.83	LENGTH OF WATER COLUMN (feet) (A-B): 3.91
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.64
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.78	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.78	PURGING START TIME: 4/3/2025 1:30:00 PM
		PURGING END TIME: 4/3/2025 2:06:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:31 PM	12.85	0	0.00	0.00	36.23	0.05	4.96	6.13	173.3	0.00	Clear
1:36 PM	12.85	140	0.70	0.70	21.26	1064.46	0.78	6.00	116.6	0.00	Clear
1:41 PM	12.86	140	0.70	1.40	20.10	1053.83	0.81	5.99	114.8	0.00	Clear
1:46 PM	12.87	140	0.70	2.10	20.30	1014.12	0.97	6.02	111.8	0.00	Clear
1:51 PM	12.88	140	0.70	2.80	20.46	935.37	1.47	6.10	107.4	0.00	Clear
1:56 PM	12.88	140	0.70	3.50	20.13	1045.54	0.99	6.07	108.3	0.00	Clear
2:01 PM	12.88	140	0.70	4.20	20.27	1063.90	0.90	6.09	106.9	0.00	Clear
2:06 PM	12.88	140	0.70	4.90	20.44	1068.43	0.97	6.12	105.0	0.00	Clear

SAMPLING DATA			
WELL NO: W-30	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 14.78	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly		Fluoride,Nitrate	ROG-CAL-C
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-32	SAMPLE ID: W-32-2025-Q2	DATE: 4/3/2025 9:10:00 AM
TOTAL WELL DEPTH (feet) (A): 23.86	WATER TABLE DEPTH (feet) (B): 19.26	LENGTH OF WATER COLUMN (feet) (A-B): 4.60
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 17.00 - 22.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.75
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.58	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.58	PURGING START TIME: 4/3/2025 8:40:00 AM
		PURGING END TIME: 4/3/2025 9:05:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:45 AM	19.44	100	0.50	0.50	20.10	1436.01	0.45	6.62	98.1	0.66	Clear
8:50 AM	19.44	100	0.50	1.00	20.33	1437.31	0.45	6.63	103.1	0.00	Clear
8:55 AM	19.44	100	0.50	1.50	20.21	1435.72	0.37	6.63	103.8	0.00	Clear
9:00 AM	19.44	100	0.50	2.00	20.25	1427.63	0.23	6.65	102.1	0.00	Clear
9:05 AM	19.44	100	0.50	2.50	20.45	1428.38	0.24	6.66	101.6	0.00	Clear

SAMPLING DATA			
WELL NO: W-32	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 21.58	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly		Fluoride,Nitrate	ROG-CAL-C
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-33	SAMPLE ID: W-33-2025-Q2	DATE: 4/10/2025 2:23:00 PM
TOTAL WELL DEPTH (feet) (A): 21.38	WATER TABLE DEPTH (feet) (B): 15.60	LENGTH OF WATER COLUMN (feet) (A-B): 5.78
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.00 - 20.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.94
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 18.88	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 18.88	PURGING START TIME: 4/10/2025 1:57:00 PM
		PURGING END TIME: 4/10/2025 2:22:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:57 PM	15.80	120	0.00	0.00	20.81	115.28	1.85	5.61	57.1	59.72	Clear
2:02 PM	15.80	120	0.60	0.60	18.76	113.34	1.33	5.52	53.6	18.07	Clear
2:07 PM	15.80	120	0.60	1.20	18.58	122.08	1.15	5.46	51.9	21.99	Clear
2:12 PM	15.80	120	0.60	1.80	18.61	125.83	1.03	5.42	51.0	16.57	Clear
2:17 PM	15.80	120	0.60	2.40	18.47	127.33	1.02	5.40	50.4	12.80	Clear
2:22 PM	15.80	120	0.60	3.00	18.24	127.25	0.96	5.39	50.0	10.06	Clear

SAMPLING DATA			
WELL NO: W-33	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 18.88		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-35	SAMPLE ID: W-35-2025-Q2	DATE: 4/9/2025 1:05:00 PM
TOTAL WELL DEPTH (feet) (A): 22.82	WATER TABLE DEPTH (feet) (B): 11.62	LENGTH OF WATER COLUMN (feet) (A-B): 11.20
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.50 - 20.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.83
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20.36	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20.36	PURGING START TIME: 4/9/2025 12:35:00 PM
		PURGING END TIME: 4/9/2025 1:00:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:40 PM	11.64	100	0.50	0.50	18.56	120.05	5.23	5.95	159.1	1.14	Clear
12:45 PM	11.64	100	0.50	1.00	18.51	119.87	5.26	5.96	165.2	0.00	Clear
12:50 PM	11.64	100	0.50	1.50	18.55	120.19	5.16	5.96	169.5	0.00	Clear
12:55 PM	11.64	100	0.50	2.00	18.82	119.84	5.11	5.95	170.6	0.00	Clear
1:00 PM	11.64	100	0.50	2.50	19.00	119.63	5.13	5.95	174.1	0.00	Clear

SAMPLING DATA			
WELL NO: W-35	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 20.36	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-36	SAMPLE ID: W-36-2025-Q2	DATE: 4/10/2025 8:40:00 AM
TOTAL WELL DEPTH (feet) (A): 21.90	WATER TABLE DEPTH (feet) (B): 8.35	LENGTH OF WATER COLUMN (feet) (A-B): 13.55
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.00 - 20.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.21
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19.43	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19.43	PURGING START TIME: 4/10/2025 8:10:00 AM
		PURGING END TIME: 4/10/2025 8:35:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:15 AM	8.85	100	0.50	0.50	15.45	38.14	1.34	5.30	190.0	8.98	Clear
8:20 AM	8.91	100	0.50	1.00	15.88	36.72	1.03	5.29	198.1	19.09	Clear
8:25 AM	9.00	100	0.50	1.50	16.37	36.46	0.93	5.29	198.9	13.18	Clear
8:30 AM	9.05	100	0.50	2.00	16.79	36.29	0.85	5.27	201.5	13.02	Clear
8:35 AM	9.09	100	0.50	2.50	16.85	36.48	0.83	5.29	197.8	12.56	Clear

SAMPLING DATA			
WELL NO: W-36	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 19.43	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-37	SAMPLE ID: W-37-2025-Q2	DATE: 4/8/2025 12:24:00 PM
TOTAL WELL DEPTH (feet) (A): 22.82	WATER TABLE DEPTH (feet) (B): 11.94	LENGTH OF WATER COLUMN (feet) (A-B): 10.88
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.50 - 20.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.78
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20.32	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20.32	PURGING START TIME: 4/8/2025 11:54:00 AM
		PURGING END TIME: 4/8/2025 12:21:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:56 AM	11.97	140	0.00	0.00	24.75	39.14	7.31	5.62	117.9	377.67	Reddish tinge
12:01 PM	11.97	140	0.70	0.70	20.57	110.48	5.02	5.59	75.0	35.14	Reddish tinge
12:06 PM	11.97	140	0.70	1.40	20.49	110.65	4.94	5.60	73.8	19.23	Reddish tinge
12:11 PM	11.97	140	0.70	2.10	20.49	110.68	4.93	5.65	72.3	21.46	Clear
12:16 PM	11.97	140	0.70	2.80	20.69	110.54	5.00	5.67	72.7	11.57	Clear
12:21 PM	11.97	140	0.70	3.50	20.81	110.71	4.90	5.66	73.9	11.56	Clear

SAMPLING DATA			
WELL NO: W-37	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 20.32		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-38	SAMPLE ID: W-38-2025-Q2	DATE: 4/3/2025 10:58:00 AM
TOTAL WELL DEPTH (feet) (A): 19.94	WATER TABLE DEPTH (feet) (B): 10.79	LENGTH OF WATER COLUMN (feet) (A-B): 9.15
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.00 - 20.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.49
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.44	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.44	PURGING START TIME: 4/3/2025 10:29:00 AM
		PURGING END TIME: 4/3/2025 10:56:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:31 AM	10.91	120	0.00	0.00	23.89	140.67	6.61	5.37	124.0	0.00	Clear
10:36 AM	10.95	120	0.60	0.60	22.68	141.76	3.27	5.19	102.3	0.00	Clear
10:41 AM	10.95	120	0.60	1.20	22.62	142.17	3.23	5.20	103.2	0.00	Clear
10:46 AM	10.95	120	0.60	1.80	22.60	142.08	3.12	5.21	102.7	0.00	Clear
10:51 AM	10.95	120	0.60	2.40	22.47	141.26	3.02	5.15	100.8	0.00	Clear
10:56 AM	10.95	120	0.60	3.00	22.49	141.75	3.07	5.18	102.9	0.00	Clear

SAMPLING DATA			
WELL NO: W-38	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 17.44		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly		Fluoride,Nitrate	ROG-CAL-C
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-39	SAMPLE ID: W-39-2025-Q2	DATE: 4/14/2025 12:10:00 PM
TOTAL WELL DEPTH (feet) (A): 25.30	WATER TABLE DEPTH (feet) (B): 16.03	LENGTH OF WATER COLUMN (feet) (A-B): 9.27
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 13.00 - 23.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.51
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20.48	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20.48	PURGING START TIME: 4/14/2025 11:40:00 AM
		PURGING END TIME: 4/14/2025 12:05:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:45 AM	16.05	100	0.50	0.50	21.97	444.44	2.74	5.43	234.3	2.08	Clear
11:50 AM	16.05	100	0.50	1.00	21.84	446.08	2.67	5.43	235.8	0.00	Clear
11:55 AM	16.05	100	0.50	1.50	21.62	450.31	2.66	5.44	234.7	0.00	Clear
12:00 PM	16.05	100	0.50	2.00	21.61	453.12	2.65	5.44	234.4	0.00	Clear
12:05 PM	16.05	100	0.50	2.50	21.94	457.35	2.69	5.43	236.7	0.00	Clear

SAMPLING DATA			
WELL NO: W-39	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 20.48	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-40	SAMPLE ID: W-40-2025-Q2	DATE: 4/10/2025 10:30:00 AM
TOTAL WELL DEPTH (feet) (A): 17.24	WATER TABLE DEPTH (feet) (B): 11.83	LENGTH OF WATER COLUMN (feet) (A-B): 5.41
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 4.50 - 14.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.88
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.5	PURGING START TIME: 4/10/2025 9:31:00 AM
		PURGING END TIME: 4/10/2025 10:29:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:34 AM	12.18	100	0.00	0.00	17.20	32.46	9.09	5.93	-3.0	239.36	Cloudy
9:39 AM	12.59	100	0.50	0.50	16.78	51.28	4.97	5.97	2.7	234.23	Cloudy
9:44 AM	12.72	100	0.50	1.00	16.76	51.58	4.59	5.99	14.7	230.11	Cloudy
9:49 AM	12.72	80	0.40	1.40	16.85	51.84	4.26	5.99	15.4	231.85	Cloudy
9:54 AM	12.55	80	0.40	1.80	16.99	52.04	4.13	5.99	19.5	233.86	Cloudy
9:59 AM	12.53	80	0.40	2.20	17.06	52.26	3.86	5.99	17.1	236.64	Cloudy
10:04 AM	12.48	80	0.40	2.60	17.15	52.92	3.60	5.99	19.9	231.01	Clear
10:09 AM	12.48	80	0.40	3.00	17.14	55.14	3.22	5.99	20.0	196.87	
10:14 AM	12.48	80	0.40	3.40	17.20	56.00	2.77	5.99	16.7	189.97	Cloudy
10:19 AM	12.48	80	0.40	3.80	17.15	56.70	2.59	6.00	16.9	185.72	Cloudy
10:24 AM	12.48	80	0.40	4.20	17.19	58.36	2.31	6.00	14.1	163.18	Cloudy
10:29 AM	12.48	80	0.40	4.60	17.23	58.67	2.22	6.00	12.5	163.28	Cloudy

SAMPLING DATA			
WELL NO: W-40	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 14.5	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-41R	SAMPLE ID: W-41R-2025-Q2	DATE: 4/15/2025 9:07:00 AM
TOTAL WELL DEPTH (feet) (A): 27.13	WATER TABLE DEPTH (feet) (B): 15.84	LENGTH OF WATER COLUMN (feet) (A-B): 11.29
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 14.50 - 24.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.84
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 22.13	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22.13	PURGING START TIME: 4/15/2025 8:40:00 AM
		PURGING END TIME: 4/15/2025 9:05:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:45 AM	15.92			0.00	20.68	316.63	7.44	5.41	100.9	1.42	Clear
8:50 AM	15.95	140	0.70	0.70	18.31	366.18	3.67	5.28	109.0	0.00	Clear
8:55 AM	15.96	140	0.70	1.40	18.26	366.30	3.53	5.28	97.7	0.00	Clear
9:00 AM	15.97	140	0.70	2.10	18.21	365.76	3.49	5.28	90.7	0.00	Clear
9:05 AM	15.98	140	0.70	2.80	18.19	364.92	3.48	5.28	89.4	0.00	Clear

SAMPLING DATA			
WELL NO: W-41R	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 22.13	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aqualtroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-42	SAMPLE ID: W-42-2025-Q2	DATE: 4/15/2025 1:00:00 PM
TOTAL WELL DEPTH (feet) (A): 33.02	WATER TABLE DEPTH (feet) (B): 25.43	LENGTH OF WATER COLUMN (feet) (A-B): 7.59
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 20.00 - 30.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.24
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 29.22	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 29.22	PURGING START TIME: 4/15/2025 12:30:00 PM
		PURGING END TIME: 4/15/2025 12:55:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:35 PM	25.58	100	0.50	0.50	20.77	52.30	1.88	4.90	234.7	0.00	Clear
12:40 PM	25.62	100	1.00	0.50	20.46	52.09	1.80	4.89	257.6	0.00	Clear
12:45 PM	25.64	100	0.50	1.00	20.21	50.94	2.08	4.91	261.4	0.00	Clear
12:50 PM	25.65	100	2.00	3.00	20.57	51.26	2.06	4.92	262.1	0.00	Clear
12:55 PM	25.65	100	0.50	3.50	20.38	51.11	2.12	4.92	262.9	0.00	Clear

SAMPLING DATA			
WELL NO: W-42	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 29.22	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-43	SAMPLE ID: W-43-2025-Q2	DATE: 4/14/2025 10:45:00 AM
TOTAL WELL DEPTH (feet) (A): 24.43	WATER TABLE DEPTH (feet) (B): 15.15	LENGTH OF WATER COLUMN (feet) (A-B): 9.28
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 11.00 - 21.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.51
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19.7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19.7	PURGING START TIME: 4/14/2025 10:15:00 AM
		PURGING END TIME: 4/14/2025 10:40:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:20 AM	15.19	100	0.50	0.50	19.71	81.22	3.49	5.16	246.1	0.00	Clear
10:25 AM	15.19	100	0.50	1.00	19.33	81.66	3.47	5.19	251.2	0.00	Clear
10:30 AM	15.19	100	0.50	1.50	19.26	81.72	3.43	5.20	252.6	0.19	Clear
10:35 AM	15.19	100	0.50	2.00	19.16	81.75	3.45	5.21	252.7	0.00	Clear
10:40 AM	15.19	100	0.50	2.50	19.15	81.44	3.50	5.22	251.8	0.00	Clear

SAMPLING DATA			
WELL NO: W-43	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 19.7	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-44	SAMPLE ID: W-44-2025-Q2	DATE: 4/14/2025 2:23:00 PM
TOTAL WELL DEPTH (feet) (A): 30.06	WATER TABLE DEPTH (feet) (B): 18.01	LENGTH OF WATER COLUMN (feet) (A-B): 12.05
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 17.00 - 27.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.97
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.06	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.06	PURGING START TIME: 4/14/2025 1:54:00 PM
		PURGING END TIME: 4/14/2025 2:22:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:57 PM	18.10	140		0.00	26.82	63.08	6.55	5.01	147.8	0.81	Clear
2:02 PM	18.10	140	0.70	0.70	18.37	67.11	3.68	4.82	131.1	0.00	Clear
2:07 PM	18.10	140	0.70	1.40	18.48	67.18	3.61	4.75	133.7	0.00	Clear
2:12 PM	18.10	140	0.70	2.10	18.37	67.93	3.52	4.71	136.1	0.00	Clear
2:17 PM	18.10	140	0.70	2.80	18.19	67.81	3.48	4.69	136.3	0.00	Clear
2:22 PM	18.10	140	0.70	3.50	18.32	68.10	3.50	4.67	137.3	0.00	Clear

SAMPLING DATA			
WELL NO: W-44	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 25.06		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatrol 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL

Low Flow Groundwater Sample Collection Record

WELL NO: W-45		SAMPLE ID: W-45-2025-Q2		DATE: 4/9/2025 10:40:00 AM	
TOTAL WELL DEPTH (feet) (A): 18.15		WATER TABLE DEPTH (feet) (B): 12.66		LENGTH OF WATER COLUMN (feet) (A-B): 5.49	
CASING DIAMETER / MATL: 2 in, PVC		WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft		CALCULATED SYSTEM VOLUME (gallons): 0.90	
PURGING DATA					
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15.43		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15.43		PURGING START TIME: 4/9/2025 9:35:00 AM	
				PURGING END TIME: 4/9/2025 10:35:00 AM	
				PUMP TYPE: Low flow (pump type: Peristaltic)	

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:40 AM	13.59	100	0.50	0.50	16.24	42.36	1.00	5.25	165.5	8.93	Clear
9:45 AM	13.85	100	0.50	1.00	16.57	46.55	0.83	5.47	88.2	4.63	Clear
9:50 AM	13.98	100	0.50	1.50	16.77	53.52	0.75	5.64	55.3	28.93	Clear
9:55 AM	14.03	100	0.50	2.00	17.07	64.14	0.60	5.81	22.4	6.36	Clear
10:00 AM	14.11	100	0.50	2.50	17.14	69.50	0.48	5.90	6.1	16.65	Clear
10:05 AM	14.12	100	0.50	3.00	17.24	73.76	0.43	5.92	-0.9	18.90	Clear
10:10 AM	14.12	100	0.50	3.50	17.32	73.95	0.40	5.92	0.3	19.71	Clear
10:15 AM	14.12	100	0.50	4.00	17.37	84.82	0.39	6.00	-17.0	7.88	Clear
10:20 AM	14.12	100	0.50	4.50	17.38	92.66	0.36	6.09	-34.1	6.06	Clear
10:25 AM	14.12	100	0.50	5.00	17.65	92.10	0.37	6.08	-31.7	4.01	Clear
10:30 AM	14.12	100	0.50	5.50	17.48	102.07	0.37	6.14	-44.4	4.01	Clear
10:35 AM	14.12	100	0.50	6.00	17.50	101.27	0.34	6.15	-44.7	1.14	Clear

SAMPLING DATA			
WELL NO: W-45	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 15.43	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-46	SAMPLE ID: W-46-2025-Q2	DATE: 4/16/2025 10:00:00 AM
TOTAL WELL DEPTH (feet) (A): 28.25	WATER TABLE DEPTH (feet) (B): 13.96	LENGTH OF WATER COLUMN (feet) (A-B): 14.29
CASING DIAMETER / MATL: 4 in, PVC	WELL SCREEN INTERVAL DEPTH: 16.00 - 26.00 ft	CALCULATED SYSTEM VOLUME (gallons): 9.33
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 23.2	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 23.2	PURGING START TIME: 4/16/2025 9:20:00 AM
		PURGING END TIME: 4/16/2025 9:55:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:25 AM	14.27	100	0.50	0.50	16.79	195.84	2.14	5.63	170.8	0.00	Clear
9:30 AM	14.46	100	0.50	1.00	17.03	194.67	2.03	5.60	202.2	0.00	Clear
9:35 AM	14.62	100	0.50	1.50	17.05	194.49	1.99	5.60	217.8	0.00	Clear
9:40 AM	14.81	100	0.50	2.00	17.17	194.51	1.93	5.58	229.4	0.00	Clear
9:45 AM	14.95	100	0.50	2.50	17.14	194.33	1.92	5.59	236.3	0.00	Clear
9:50 AM	15.07	100	0.50	3.00	17.41	194.71	1.92	5.59	244.4	0.00	Clear
9:55 AM	15.13	100	0.50	3.50	17.30	194.79	1.95	5.59	237.8	0.00	Clear

SAMPLING DATA			
WELL NO: W-46	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 23.2	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-47	SAMPLE ID: W-47-2025-Q2	DATE: 4/16/2025 12:35:00 PM
TOTAL WELL DEPTH (feet) (A): 46.85	WATER TABLE DEPTH (feet) (B): 26.39	LENGTH OF WATER COLUMN (feet) (A-B): 20.46
CASING DIAMETER / MATL: 4 in, PVC	WELL SCREEN INTERVAL DEPTH: 34.50 - 44.50 ft	CALCULATED SYSTEM VOLUME (gallons): 13.36
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 41.8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 41.8	PURGING START TIME: 4/16/2025 12:05:00 PM
		PURGING END TIME: 4/16/2025 12:30:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:10 PM	26.44	100	0.50	0.50	18.85	491.59	1.46	5.86	185.9	0.00	Clear
12:15 PM	26.46	100	0.50	1.00	18.72	510.20	0.41	5.86	201.0	0.00	Clear
12:20 PM	26.47	100	0.50	1.50	18.67	505.18	0.31	5.86	205.6	0.00	Clear
12:25 PM	26.47	100	0.50	2.00	18.57	502.77	0.27	5.86	208.2	0.00	Clear
12:30 PM	26.47	100	0.50	2.50	18.85	503.48	0.25	5.85	209.2	0.00	Clear

SAMPLING DATA			
WELL NO: W-47	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 41.8	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-48	SAMPLE ID: W-48-2025-Q2	DATE: 4/16/2025 11:20:00 AM
TOTAL WELL DEPTH (feet) (A): 44.25	WATER TABLE DEPTH (feet) (B): 26.63	LENGTH OF WATER COLUMN (feet) (A-B): 17.62
CASING DIAMETER / MATL: 4 in, PVC	WELL SCREEN INTERVAL DEPTH: 31.50 - 41.50 ft	CALCULATED SYSTEM VOLUME (gallons): 11.50
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 39.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 39.5	PURGING START TIME: 4/16/2025 10:45:00 AM
		PURGING END TIME: 4/16/2025 11:15:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:50 AM	26.72	100	0.50	0.50	19.52	121.58	3.01	5.34	205.6	0.21	Clear
10:55 AM	26.76	100	0.50	1.00	18.50	119.07	2.42	5.34	225.1	0.00	Clear
11:00 AM	26.79	100	0.50	1.50	18.39	118.73	2.18	5.34	241.3	0.00	Clear
11:05 AM	26.80	100	0.50	2.00	18.39	118.54	2.11	5.35	249.5	0.00	Clear
11:10 AM	26.80	100	0.50	2.50	18.46	118.70	2.04	5.35	254.4	0.00	Clear
11:15 AM	26.80	100	0.50	3.00	18.31	118.99	2.00	5.34	258.6	0.00	Clear

SAMPLING DATA			
WELL NO: W-48	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 39.5	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-49	SAMPLE ID: W-49-2025-Q2	DATE: 4/15/2025 11:45:00 AM
TOTAL WELL DEPTH (feet) (A): 120.25	WATER TABLE DEPTH (feet) (B): 27.51	LENGTH OF WATER COLUMN (feet) (A-B): 92.74
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 108.00 - 118.00 ft	CALCULATED SYSTEM VOLUME (gallons): 15.13
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 115.2	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 115.2	PURGING START TIME: 4/15/2025 11:15:00 AM
		PURGING END TIME: 4/15/2025 11:40:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:20 AM	27.52	100	0.50	0.50	20.80	27.26	0.95	5.22	121.7	0.00	Clear
11:25 AM	27.52	100	0.50	1.00	20.77	26.56	0.58	5.17	128.2	0.00	Clear
11:30 AM	27.52	100	0.50	1.50	20.58	26.39	0.53	5.14	133.0	0.00	Clear
11:35 AM	27.52	100	0.50	2.00	20.49	26.21	0.43	5.13	136.2	0.00	Clear
11:40 AM	27.52	100	0.50	2.50	20.54	26.15	0.37	5.12	138.4	0.00	Clear

SAMPLING DATA			
WELL NO: W-49	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 115.2	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
2	250 ml	Amber Glass		Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-50	SAMPLE ID: W-50-2025-Q2	DATE: 4/10/2025 9:01:00 AM
TOTAL WELL DEPTH (feet) (A): 128.35	WATER TABLE DEPTH (feet) (B): 22.64	LENGTH OF WATER COLUMN (feet) (A-B): 105.71
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 115.00 - 125.00 ft	CALCULATED SYSTEM VOLUME (gallons): 17.25
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 123.35	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 123.35	PURGING START TIME: 4/10/2025 8:30:00 AM
		PURGING END TIME: 4/10/2025 8:59:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:34 AM	22.64	120	0.00	0.00	15.85	18.62	7.66	5.91	-6.3	0.67	Clear
8:39 AM	22.64	120	0.60	0.60	17.45	18.80	0.94	5.69	-110.3	1.23	Clear
8:44 AM	22.64	120	0.60	1.20	17.97	18.69	0.65	5.70	-118.7	1.00	Clear
8:49 AM	22.64	120	0.60	1.80	17.94	18.49	0.43	5.69	-137.3	0.84	Clear
8:54 AM	22.64	120	0.60	2.40	18.11	18.37	0.31	5.69	-145.0	1.52	Clear
8:59 AM	22.64	120	0.60	3.00	18.15	18.18	0.30	5.64	-144.5	3.29	Clear



GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-50	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 123.35	DUPLICATE: W-50-2025-Q2-DUP	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-51	SAMPLE ID: W-51-2025-Q2	DATE: 4/9/2025 9:10:00 AM
TOTAL WELL DEPTH (feet) (A): 14.42	WATER TABLE DEPTH (feet) (B): 9.16	LENGTH OF WATER COLUMN (feet) (A-B): 5.26
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 9.50 - 14.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.86
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.05	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.05	PURGING START TIME: 4/9/2025 8:30:00 AM
		PURGING END TIME: 4/9/2025 9:05:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:35 AM	9.16	100	0.50	0.50	15.52	208.20	0.37	6.76	-122.5	31.86	Clear
8:40 AM	9.16	100	0.50	1.00	16.50	208.36	0.21	6.81	-136.4	24.47	Clear
8:45 AM	9.16	100	0.50	1.50	16.62	208.88	0.14	6.83	-141.8	15.75	Clear
8:50 AM	9.16	100	0.50	2.00	16.98	208.37	0.11	6.83	-146.1	10.89	Clear
8:55 AM	9.16	100	0.50	2.50	16.18	205.72	0.18	6.85	-136.5	3.13	Clear
9:00 AM	9.16	100	0.50	3.00	16.35	205.63	0.16	6.83	-137.2	1.76	Clear
9:05 AM	9.16	100	0.50	3.50	16.46	205.13	0.13	6.83	-138.7	1.45	Clear



GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-51	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.05	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-52	SAMPLE ID: W-52-2025-Q2	DATE: 4/8/2025 4:10:00 PM
TOTAL WELL DEPTH (feet) (A): 14.97	WATER TABLE DEPTH (feet) (B): 8.95	LENGTH OF WATER COLUMN (feet) (A-B): 6.02
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.98
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.5	PURGING START TIME: 4/8/2025 3:15:00 PM
		PURGING END TIME: 4/8/2025 4:05:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
3:20 PM	8.98	100	0.50	0.50	20.56	411.37	7.19	7.09	138.7	2.14	clear
3:25 PM	8.98	100	0.50	1.00	20.37	406.83	7.07	7.06	138.8	2.40	clear
3:30 PM	8.98	100	0.50	1.50	20.22	400.97	6.82	7.02	139.5	2.08	clear
3:35 PM	8.98	100	0.50	2.00	20.16	380.23	6.31	6.93	140.1	0.00	clear
3:40 PM	8.98	100	0.50	2.50	20.18	355.94	5.59	6.83	132.3	0.00	clear
3:45 PM	8.98	100	0.50	3.00	20.24	343.92	5.24	6.79	129.6	0.00	clear
3:50 PM	8.98	100	0.50	3.50	20.58	359.06	5.61	6.86	123.7	0.00	clear
3:55 PM	8.98	100	0.50	4.00	20.53	346.77	5.47	6.81	122.2	0.00	clear
4:00 PM	8.98	100	0.50	4.50	20.55	348.85	5.48	6.83	119.3	0.32	clear
4:05 PM	8.98	100	0.50	5.00	20.76	340.87	5.18	6.77	117.9	0.00	clear

SAMPLING DATA			
WELL NO: W-52	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.5	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-53	SAMPLE ID: W-53-2025-Q2	DATE: 4/8/2025 2:50:00 PM
TOTAL WELL DEPTH (feet) (A): 15.45	WATER TABLE DEPTH (feet) (B): 9.32	LENGTH OF WATER COLUMN (feet) (A-B): 6.13
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 11.00 - 16.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.00
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.95	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.95	PURGING START TIME: 4/8/2025 2:03:00 PM
		PURGING END TIME: 4/8/2025 2:48:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:08 PM	9.40	140		0.00	25.32	99.69	2.27	5.59	70.5	17.76	Clear
2:13 PM	9.46	140	0.70	0.70	20.36	88.78	1.63	5.60	88.7	26.82	Clear
2:18 PM	9.46	140	0.70	1.40	20.14	88.39	1.50	5.59	97.0	18.91	Clear
2:23 PM	9.46	140	0.70	2.10	20.27	89.42	1.20	5.59	98.3	12.46	Clear
2:28 PM	9.46	140	0.70	2.80	20.29	89.84	1.03	5.62	97.6	4.66	Clear
2:33 PM	9.46	140	0.70	3.50	20.18	90.78	0.82	5.65	94.2	5.75	Clear
2:38 PM	9.46	140	0.70	4.20	20.46	91.27	0.67	5.68	90.8	5.91	Clear
2:43 PM	9.46	140	0.70	4.90	20.41	92.66	0.61	5.70	88.1	8.20	Clear
2:48 PM	9.46	140	0.70	5.60	20.42	90.64	0.61	5.74	87.6	5.82	Clear

SAMPLING DATA			
WELL NO: W-53	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.95		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-54	SAMPLE ID: W-54-2025-Q2	DATE: 4/8/2025 1:44:00 PM
TOTAL WELL DEPTH (feet) (A): 15.50	WATER TABLE DEPTH (feet) (B): 9.38	LENGTH OF WATER COLUMN (feet) (A-B): 6.12
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 11.00 - 16.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.00
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13	PURGING START TIME: 4/8/2025 1:17:00 PM
		PURGING END TIME: 4/8/2025 1:43:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:18 PM	9.40	140		0.00	39.20	12.86	5.34	5.59	141.8	40.63	Clear
1:23 PM	9.40	140	0.70	0.70	21.29	110.92	2.94	5.39	89.4	1.45	Clear
1:28 PM	9.40	140	0.70	1.40	21.06	113.52	2.99	5.39	88.1	2.27	Clear
1:33 PM	9.40	140	0.70	2.10	20.74	116.63	2.68	5.40	87.3	0.00	Clear
1:38 PM	9.40	140	0.70	2.80	20.72	116.51	2.82	5.39	84.9	0.79	Clear
1:43 PM	9.40	140	0.70	3.50	20.79	118.12	2.71	5.40	83.6	0.00	Clear

SAMPLING DATA			
WELL NO: W-54	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 13	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-55	SAMPLE ID: W-55-2025-Q2	DATE: 4/4/2025 9:29:00 AM
TOTAL WELL DEPTH (feet) (A): NM	WATER TABLE DEPTH (feet) (B): 9.78	LENGTH OF WATER COLUMN (feet) (A-B):
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons):
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.45	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.45	PURGING START TIME: 4/4/2025 9:03:00 AM
		PURGING END TIME: 4/4/2025 9:27:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:07 AM	9.78	140	0.70	0.70	21.83	114.32	5.60	5.76	92.4	7.84	Clear
9:12 AM	9.78	140	0.70	1.40	20.24	117.29	4.37	5.68	86.7	7.85	Clear
9:17 AM	9.78	140	0.70	2.10	20.25	117.34	4.31	5.69	86.5	5.99	Clear
9:22 AM	9.78	140	0.70	2.80	20.24	117.55	4.31	5.69	90.9	3.01	Clear
9:27 AM	9.78	140	0.70	3.50	20.03	117.48	4.26	5.69	94.3	1.40	Clear

SAMPLING DATA			
WELL NO: W-55	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.45	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-56	SAMPLE ID: W-56-2025-Q2	DATE: 4/4/2025 8:33:00 AM
TOTAL WELL DEPTH (feet) (A): 14.93	WATER TABLE DEPTH (feet) (B): 9.82	LENGTH OF WATER COLUMN (feet) (A-B): 5.11
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.83
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.43	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.43	PURGING START TIME: 4/4/2025 8:03:00 AM
		PURGING END TIME: 4/4/2025 8:31:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:06 AM	9.88	140	0.00	0.00	23.21	223.05	6.28	5.72	121.2	10.75	Clear
8:11 AM	9.88	140	0.70	0.70	20.23	125.53	2.85	5.63	102.4	6.52	Clear
8:16 AM	9.89	140	0.70	1.40	20.12	124.39	2.80	5.63	104.8	6.59	Clear
8:21 AM	9.89	140	0.70	2.10	20.09	123.78	2.77	5.63	97.4	2.09	Clear
8:26 AM	9.89	140	0.70	2.80	20.07	123.50	2.74	5.63	100.7	2.57	Clear
8:31 AM	9.89	140	0.70	3.50	20.08	123.28	2.72	5.64	98.6	1.28	Clear

SAMPLING DATA			
WELL NO: W-56	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.43	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-57	SAMPLE ID: W-57-2025-Q2	DATE: 4/4/2025 10:42:00 AM
TOTAL WELL DEPTH (feet) (A): 14.91	WATER TABLE DEPTH (feet) (B): 10.27	LENGTH OF WATER COLUMN (feet) (A-B): 4.64
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.76
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.59	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.59	PURGING START TIME: 4/4/2025 10:08:00 AM
		PURGING END TIME: 4/4/2025 10:39:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:09 AM	10.33	140	0.70	0.70	26.05	0.05	6.84	5.77	139.1	2.29	Clear
10:14 AM	10.36	140	0.70	1.40	21.11	123.25	1.79	5.68	87.3	1.28	Clear
10:19 AM	10.36	140	0.70	2.10	21.07	123.20	1.75	5.68	87.8	0.00	Clear
10:24 AM	10.36	140	0.70	2.80	21.02	121.81	1.57	5.68	90.8	0.00	Clear
10:29 AM	10.36	140	0.70	3.50	21.08	116.69	1.44	5.69	92.7	0.00	Clear
10:34 AM	10.36	140	0.70	4.20	21.20	119.10	1.42	5.70	93.6	0.00	Clear
10:39 AM	10.36	140	0.70	4.90	21.24	120.15	1.42	5.70	94.3	0.00	Clear

SAMPLING DATA			
WELL NO: W-57	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.59		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly		Fluoride,Nitrate	ROG-CAL-C
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-58	SAMPLE ID: W-58-2025-Q2	DATE: 4/4/2025 11:28:00 AM
TOTAL WELL DEPTH (feet) (A): 14.98	WATER TABLE DEPTH (feet) (B): 11.02	LENGTH OF WATER COLUMN (feet) (A-B): 3.96
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.65
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13	PURGING START TIME: 4/4/2025 11:04:00 AM
		PURGING END TIME: 4/4/2025 11:25:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:05 AM	11.06	120	0.60	0.60	27.51	0.05	4.81	6.23	137.9	8.06	Clear
11:10 AM	11.06	120	0.60	1.20	21.63	257.32	0.55	6.23	130.0	6.65	Clear
11:15 AM	11.06	120	0.60	1.80	21.49	252.57	0.31	6.22	132.7	2.04	
11:20 AM	11.06	120	0.60	2.40	21.46	247.06	0.28	6.22	133.1	1.54	Clear
11:25 AM	11.06	120	0.60	3.00	21.50	248.25	0.36	6.22	133.4	0.00	Clear

SAMPLING DATA			
WELL NO: W-58	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 13	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly		Fluoride,Nitrate	ROG-CAL-C
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-59	SAMPLE ID: W-59-2025-Q2	DATE: 4/4/2025 8:35:00 AM
TOTAL WELL DEPTH (feet) (A): 14.94	WATER TABLE DEPTH (feet) (B): 11.17	LENGTH OF WATER COLUMN (feet) (A-B): 3.77
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 9.50 - 14.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.62
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.07	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13.07	PURGING START TIME: 4/4/2025 8:05:00 AM
		PURGING END TIME: 4/4/2025 8:30:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:10 AM	11.50	100	0.50	0.50	19.93	248.48	0.25	6.03	74.7	0.00	Clear
8:15 AM	11.51	100	0.50	1.00	20.20	248.87	0.27	6.03	81.6	0.00	Clear
8:20 AM	11.51	100	0.50	1.50	20.16	250.31	0.22	6.04	83.0	0.00	Clear
8:25 AM	11.51	100	0.50	2.00	20.16	249.75	0.21	6.03	85.7	0.00	Clear
8:30 AM	11.51	100	0.50	2.50	20.18	250.29	0.23	6.03	87.4	0.00	Clear

SAMPLING DATA			
WELL NO: W-59	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 13.07	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL

Low Flow Groundwater Sample Collection Record

WELL NO: W-60		SAMPLE ID: W-60-2025-Q2		DATE: 4/14/2025 12:06:00 PM	
TOTAL WELL DEPTH (feet) (A): 41.10		WATER TABLE DEPTH (feet) (B): 21.96		LENGTH OF WATER COLUMN (feet) (A-B): 19.14	
CASING DIAMETER / MATL: 2 in, PVC		WELL SCREEN INTERVAL DEPTH: 33.00 - 38.00 ft		CALCULATED SYSTEM VOLUME (gallons): 3.12	
PURGING DATA					
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 38.6		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38.6		PURGING START TIME: 4/14/2025 11:07:00 AM	
				PURGING END TIME: 4/14/2025 12:05:00 PM	
				PUMP TYPE: Low flow (pump type: Peristaltic)	

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:10 AM	21.96	140	0.00	0.00	27.33	78.90	5.48	5.54	76.9	54.03	Clear
11:15 AM	21.96	140	0.70	0.70	19.82	83.60	0.73	5.42	61.4	73.97	Clear
11:20 AM	21.96	120	0.60	1.30	19.95	83.35	0.44	5.36	62.5	47.13	Clear
11:25 AM	21.96	120	0.60	1.90	20.08	83.90	0.30	5.39	60.4	41.78	Clear
11:30 AM	21.96	120	0.60	2.50	19.87	84.49	0.28	5.41	57.0	45.88	Clear
11:35 AM	21.96	100	0.50	3.00	20.34	84.11	0.30	5.45	59.2	50.08	Clear
11:40 AM	21.96	100	0.50	3.50	20.12	84.59	0.24	5.47	62.5	49.02	Clear
11:45 AM	21.96	100	0.50	4.00	20.58	84.18	0.23	5.48	71.3	49.86	Clear
11:50 AM	21.96	80	0.40	4.40	20.66	83.83	0.24	5.49	74.5	73.12	None
11:55 AM	21.96	80	0.40	4.80	20.45	83.39	0.25	5.49	83.6	62.16	Clear
12:00 PM	21.96	80	0.40	5.20	20.77	84.04	0.22	5.49	88.2	60.62	Clear
12:05 PM	21.96	80	0.40	5.60	20.92	83.68	0.21	5.50	91.3	104.04	Clear

SAMPLING DATA			
WELL NO: W-60	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 38.6	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatrol 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL

Low Flow Groundwater Sample Collection Record

WELL NO: W-61		SAMPLE ID: W-61-2025-Q2		DATE: 4/14/2025 1:25:00 PM	
TOTAL WELL DEPTH (feet) (A): 27.00		WATER TABLE DEPTH (feet) (B): 17.83		LENGTH OF WATER COLUMN (feet) (A-B): 9.17	
CASING DIAMETER / MATL: 2 in, PVC		WELL SCREEN INTERVAL DEPTH: 13.50 - 23.50 ft		CALCULATED SYSTEM VOLUME (gallons): 1.50	
PURGING DATA					
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20.9		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20.9		PURGING START TIME: 4/14/2025 12:26:00 PM	
				PURGING END TIME: 4/14/2025 1:23:00 PM	
				PUMP TYPE: Low flow (pump type: Peristaltic)	

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:28 PM	18.07	140	0.00	0.00	25.93	77.58	6.51	5.11	94.8	501.92	Clear
12:33 PM	18.40	140	0.70	0.70	19.44	77.63	4.38	4.95	123.3	6.77	Clear
12:38 PM	18.60	140	0.70	1.40	20.32	88.90	4.70	4.90	135.6	4.13	Clear
12:43 PM	18.80	140	0.70	2.10	20.01	103.15	4.90	4.95	136.0	8.25	Clear
12:48 PM	19.02	140	0.70	2.80	20.06	109.01	5.00	4.98	135.8	10.87	Clear
12:53 PM	19.26	140	0.70	3.50	20.77	100.03	4.76	4.99	134.6	22.47	Clear
12:58 PM	19.35	140	0.70	4.20	20.20	102.96	4.90	5.01	133.8	30.46	Clear
1:03 PM	19.53	120	0.60	4.80	20.56	103.28	4.73	5.02	132.9	22.92	Clear
1:08 PM	19.65	100	0.50	5.30	21.66	98.97	4.69	5.01	132.4	41.40	Clear
1:13 PM	19.73	100	0.50	5.80	21.79	96.54	4.51	5.02	132.5	36.67	Clear
1:18 PM	19.83	100	0.50	6.30	21.30	95.22	4.40	5.02	133.0	37.51	Clear
1:23 PM	19.93	100	0.50	6.80	21.48	94.55	4.39	5.02	133.0	40.24	Clear

SAMPLING DATA			
WELL NO: W-61	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 20.9	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatrol 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-62	SAMPLE ID: W-62-2025-Q2	DATE: 4/10/2025 2:45:00 PM
TOTAL WELL DEPTH (feet) (A): 27.60	WATER TABLE DEPTH (feet) (B): 13.13	LENGTH OF WATER COLUMN (feet) (A-B): 14.47
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 20.00 - 25.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.36
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.1	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.1	PURGING START TIME: 4/10/2025 2:15:00 PM
		PURGING END TIME: 4/10/2025 2:40:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:20 PM	13.19	100	0.50	0.50	19.13	74.25	3.26	5.31	224.5	2.11	Clear
2:25 PM	13.19	100	0.50	1.00	18.88	74.17	3.06	5.31	230.8	2.82	Clear
2:30 PM	13.19	100	0.50	1.50	18.67	74.25	3.00	5.32	235.1	0.46	Clear
2:35 PM	13.19	100	0.50	2.00	18.33	74.24	2.96	5.32	237.6	0.00	Clear
2:40 PM	13.19	100	0.50	2.50	18.52	74.23	2.94	5.31	241.6	0.00	Clear

SAMPLING DATA			
WELL NO: W-62	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 25.1	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-63	SAMPLE ID: W-63-2025-Q2	DATE: 4/15/2025 10:30:00 AM
TOTAL WELL DEPTH (feet) (A): 44.15	WATER TABLE DEPTH (feet) (B): 26.61	LENGTH OF WATER COLUMN (feet) (A-B): 17.54
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 37.00 - 42.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.86
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 41.64	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 41.64	PURGING START TIME: 4/15/2025 10:00:00 AM
		PURGING END TIME: 4/15/2025 10:25:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:05 AM	27.34	100	0.50	0.50	21.16	350.01	0.53	6.41	119.1	0.61	Clear
10:10 AM	27.39	100	0.50	1.00	21.05	348.79	0.47	6.42	118.2	2.91	Clear
10:15 AM	27.42	100	0.50	1.50	21.03	346.97	0.44	6.42	117.3	4.44	Clear
10:20 AM	27.43	100	0.50	2.00	21.01	341.65	0.34	6.41	117.5	2.81	Clear
10:25 AM	27.43	100	0.50	2.50	20.95	336.99	0.33	6.41	117.5	6.89	Clear

SAMPLING DATA			
WELL NO: W-63	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 41.64	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-64	SAMPLE ID: W-64-2025-Q2	DATE: 4/16/2025 2:05:00 PM
TOTAL WELL DEPTH (feet) (A): 34.18	WATER TABLE DEPTH (feet) (B): 26.72	LENGTH OF WATER COLUMN (feet) (A-B): 7.46
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 21.50 - 31.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.22
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.46	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.46	PURGING START TIME: 4/16/2025 1:35:00 PM
		PURGING END TIME: 4/16/2025 2:00:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:40 PM	26.79	100	0.50	0.50	18.90	506.05	0.55	5.76	191.4	0.00	Clear
1:45 PM	26.80	100	0.50	1.00	18.86	506.21	0.37	5.75	196.8	0.00	Clear
1:50 PM	26.80	100	0.50	1.50	18.90	505.69	0.43	5.75	195.9	0.00	Clear
1:55 PM	26.80	100	0.50	2.00	18.81	505.38	0.38	5.74	199.7	0.00	Clear
2:00 PM	26.80	100	0.50	2.50	18.81	506.01	0.34	5.75	201.4	0.00	Clear

SAMPLING DATA			
WELL NO: W-64	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 30.46	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-65	SAMPLE ID: W-65-2025-Q2	DATE: 4/14/2025 8:40:00 AM
TOTAL WELL DEPTH (feet) (A): 34.65	WATER TABLE DEPTH (feet) (B): 13.86	LENGTH OF WATER COLUMN (feet) (A-B): 20.79
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 26.50 - 31.50 ft	CALCULATED SYSTEM VOLUME (gallons): 3.39
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31.97	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 31.97	PURGING START TIME: 4/14/2025 8:10:00 AM
		PURGING END TIME: 4/14/2025 8:35:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:15 AM	14.15	100	0.50	0.50	15.51	106.81	1.93	5.88	191.0	0.77	Clear
8:20 AM	14.15	100	0.50	1.00	16.49	107.31	1.39	5.86	189.6	0.00	Clear
8:25 AM	14.15	100	0.50	1.50	16.74	107.39	1.30	5.86	189.5	0.00	Clear
8:30 AM	14.15	100	0.50	2.00	17.03	107.19	1.27	5.87	189.4	0.00	Clear
8:35 AM	14.15	100	0.50	2.50	17.21	107.02	1.22	5.86	189.3	0.00	Clear

SAMPLING DATA			
WELL NO: W-65	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 31.97	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-66	SAMPLE ID: W-66-2025-Q2	DATE: 4/14/2025 9:45:00 AM
TOTAL WELL DEPTH (feet) (A): 25.37	WATER TABLE DEPTH (feet) (B): 13.55	LENGTH OF WATER COLUMN (feet) (A-B): 11.82
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 12.50 - 22.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.93
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20.25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20.25	PURGING START TIME: 4/14/2025 9:15:00 AM
		PURGING END TIME: 4/14/2025 9:40:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:20 AM	13.56	100	0.50	0.50	18.25	69.37	1.61	5.18	230.2	0.00	Clear
9:25 AM	13.57	100	0.50	1.00	18.20	69.58	1.51	5.19	236.8	0.00	Clear
9:30 AM	13.57	100	0.50	1.50	18.29	70.15	1.50	5.19	241.2	0.00	Clear
9:35 AM	13.57	100	0.50	2.00	18.36	70.46	1.50	5.19	245.1	0.00	Clear
9:40 AM	13.57	100	0.50	2.50	18.42	70.45	1.51	5.20	246.5	0.00	Clear



GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-66	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 20.25	DUPLICATE: W-66-2025-Q2-DUP	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-67	SAMPLE ID: W-67-2025-Q2	DATE: 4/17/2025 12:10:00 PM
TOTAL WELL DEPTH (feet) (A): 34.45	WATER TABLE DEPTH (feet) (B): 16.79	LENGTH OF WATER COLUMN (feet) (A-B): 17.66
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 22.00 - 32.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.88
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 29.47	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 29.47	PURGING START TIME: 4/17/2025 11:40:00 AM
		PURGING END TIME: 4/17/2025 12:05:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:45 AM	16.94	100	0.50	0.50	18.79	158.07	0.43	5.67	188.0	0.00	Clear
11:50 AM	16.94	100	0.50	1.00	18.71	159.88	0.32	5.69	196.2	0.00	Clear
11:55 AM	16.94	100	0.50	1.50	18.74	159.93	0.27	5.69	204.4	0.00	Clear
12:00 PM	16.94	100	0.50	2.00	18.84	158.74	0.24	5.68	209.2	0.00	Clear
12:05 PM	16.94	100	0.50	2.50	18.76	157.83	0.22	5.66	214.2	0.00	Clear



GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-67	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 29.47	DUPLICATE: W-67-2025-Q2-DUP	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-68	SAMPLE ID: W-68-2025-Q2	DATE: 4/10/2025 1:50:00 PM
TOTAL WELL DEPTH (feet) (A): 21.07	WATER TABLE DEPTH (feet) (B): 5.46	LENGTH OF WATER COLUMN (feet) (A-B): 15.61
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 13.00 - 18.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.55
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 18.77	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 18.77	PURGING START TIME: 4/10/2025 1:20:00 PM
		PURGING END TIME: 4/10/2025 1:45:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:25 PM	5.61	100	0.50	0.50	18.97	74.59	4.51	5.20	232.3	0.00	Clear
1:30 PM	5.62	100	0.50	1.00	18.81	74.89	4.51	5.21	239.7	0.00	Clear
1:35 PM	5.62	100	0.50	1.50	18.93	74.94	4.51	5.21	244.3	0.00	Clear
1:40 PM	5.62	100	0.50	2.00	18.95	74.96	4.49	5.22	248.0	0.00	Clear
1:45 PM	5.62	100	0.50	2.50	18.87	75.00	4.49	5.22	247.8	0.00	Clear

SAMPLING DATA			
WELL NO: W-68	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 18.77	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL

Low Flow Groundwater Sample Collection Record

WELL NO: W-69		SAMPLE ID: W-69-2025-Q2		DATE: 4/11/2025 10:33:00 AM	
TOTAL WELL DEPTH (feet) (A): 21.01		WATER TABLE DEPTH (feet) (B): 7.66		LENGTH OF WATER COLUMN (feet) (A-B): 13.35	
CASING DIAMETER / MATL: 2 in, PVC		WELL SCREEN INTERVAL DEPTH: 8.00 - 18.00 ft		CALCULATED SYSTEM VOLUME (gallons): 2.18	
PURGING DATA					
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 16.01		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 16.01		PURGING START TIME: 4/11/2025 9:35:00 AM	
				PURGING END TIME: 4/11/2025 10:32:00 AM	
				PUMP TYPE: Low flow (pump type: Peristaltic)	

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:37 AM	8.13	160	0.00	0.00	18.78	0.06	9.36	5.82	51.1	96.01	Clear
9:42 AM	8.73	160	0.80	0.80	16.94	50.34	1.38	5.17	58.3	85.84	Clear
9:47 AM	9.07	100	0.50	1.30	17.00	50.11	1.25	5.16	65.7	73.83	Clear
9:52 AM	9.30	100	0.50	1.80	17.17	50.38	1.05	5.17	66.4	58.81	Clear
9:57 AM	9.47	100	0.50	2.30	17.12	50.35	0.97	5.17	68.6	47.00	Clear
10:02 AM	9.60	100	0.50	2.80	17.29	51.19	0.82	5.19	66.2	35.31	Clear
10:07 AM	9.60	100	0.50	3.30	17.38	51.11	0.86	5.17	62.0	32.26	Clear
10:12 AM	9.60	100	2.50	5.80	17.18	51.52	0.83	5.19	56.3	25.92	Clear
10:17 AM	9.60	100	2.50	8.30	17.49	51.64	0.82	5.19	52.5	25.93	Clear
10:22 AM	9.60	100	2.50	10.80	17.58	52.15	0.75	5.21	54.8	19.09	Clear
10:27 AM	9.60	100	2.50	13.30	17.73	52.71	0.75	5.22	54.3	18.61	Clear
10:32 AM	9.60	100	2.50	15.80	17.79	52.97	0.76	5.22	51.6	21.16	Clear

SAMPLING DATA			
WELL NO: W-69	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 16.01		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-70	SAMPLE ID: W-70-2025-Q2	DATE: 4/11/2025 8:10:00 AM
TOTAL WELL DEPTH (feet) (A): 51.81	WATER TABLE DEPTH (feet) (B): 11.59	LENGTH OF WATER COLUMN (feet) (A-B): 40.22
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 44.00 - 49.00 ft	CALCULATED SYSTEM VOLUME (gallons): 6.56
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 49.4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 49.4	PURGING START TIME: 4/11/2025 7:40:00 AM
		PURGING END TIME: 4/11/2025 8:05:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
7:45 AM	11.62	100	0.50	0.50	15.72	44.96	6.94	4.98	223.7	0.23	Clear
7:50 AM	11.62	100	0.50	1.00	17.04	43.11	5.87	4.97	247.0	0.37	Clear
7:55 AM	11.62	100	0.50	1.50	17.19	43.30	5.64	4.96	262.4	1.28	Clear
8:00 AM	11.62	100	0.50	2.00	17.24	43.25	5.61	4.96	265.8	1.97	Clear
8:05 AM	11.62	100	0.50	2.50	17.17	43.01	5.70	4.97	269.8	1.89	Clear

SAMPLING DATA			
WELL NO: W-70	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 49.4	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-71	SAMPLE ID: W-71-2025-Q2	DATE: 4/11/2025 6:50:00 AM
TOTAL WELL DEPTH (feet) (A): 104.97	WATER TABLE DEPTH (feet) (B): 23.18	LENGTH OF WATER COLUMN (feet) (A-B): 81.79
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 93.00 - 103.00 ft	CALCULATED SYSTEM VOLUME (gallons): 13.35
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 100.6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 100.6	PURGING START TIME: 4/11/2025 6:05:00 AM
		PURGING END TIME: 4/11/2025 6:45:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
6:10 AM	23.18	100	0.50	0.50	17.21	66.73	1.33	6.05	149.1	1.76	Clear
6:15 AM	23.18	100	0.50	1.00	17.58	65.42	1.05	6.06	131.7	7.53	Clear
6:20 AM	23.18	100	0.50	1.50	17.95	64.78	0.68	6.05	120.7	1.86	Clear
6:25 AM	23.18	100	0.50	2.00	18.04	63.34	0.57	6.04	106.4	0.76	Clear
6:30 AM	23.18	100	0.50	2.50	18.04	62.46	0.44	6.02	99.4	0.00	Clear
6:35 AM	23.18	100	0.50	3.00	18.30	61.38	0.38	6.00	93.0	0.00	Clear
6:40 AM	23.18	100	0.50	3.50	18.29	60.80	0.35	6.00	89.1	0.00	Clear
6:45 AM	23.18	100	0.50	4.00	18.42	60.34	0.29	5.99	85.0	4.41	Clear

SAMPLING DATA			
WELL NO: W-71	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 100.6	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-72	SAMPLE ID: W-72-2025-Q2	DATE: 4/8/2025 2:55:00 PM
TOTAL WELL DEPTH (feet) (A): 14.45	WATER TABLE DEPTH (feet) (B): 9.11	LENGTH OF WATER COLUMN (feet) (A-B): 5.34
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.87
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11.8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11.8	PURGING START TIME: 4/8/2025 2:25:00 PM
		PURGING END TIME: 4/8/2025 2:50:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:30 PM	9.16	100	0.50	0.50	21.71	128.23	1.80	5.77	167.0	4.58	clear
2:35 PM	9.16	100	0.50	1.00	21.19	131.29	1.74	5.78	168.2	3.80	clear
2:40 PM	9.16	100	0.50	1.50	20.91	128.72	1.85	5.79	167.8	2.63	clear
2:45 PM	9.16	100	0.50	2.00	20.66	130.15	1.74	5.79	169.2	4.82	clear
2:50 PM	9.16	100	0.50	2.50	20.66	130.20	1.67	5.79	169.7	13.51	clear

SAMPLING DATA			
WELL NO: W-72	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 11.8	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-73	SAMPLE ID: W-73-2025-Q2	DATE: 4/8/2025 1:55:00 PM
TOTAL WELL DEPTH (feet) (A): 15.60	WATER TABLE DEPTH (feet) (B): 9.53	LENGTH OF WATER COLUMN (feet) (A-B): 6.07
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 6.00 - 16.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.99
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.57	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.57	PURGING START TIME: 4/8/2025 1:25:00 PM
		PURGING END TIME: 4/8/2025 1:50:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:30 PM	9.55	100	0.50	0.50	21.31	125.64	1.00	5.81	180.7	8.22	clear
1:35 PM	9.55	100	0.50	1.00	21.82	122.37	1.15	5.77	187.2	9.27	clear
1:40 PM	9.55	100	0.50	1.50	21.59	119.33	1.30	5.74	195.0	2.86	clear
1:45 PM	9.55	100	0.50	2.00	21.48	117.69	1.34	5.73	200.2	0.94	clear
1:50 PM	9.55	100	0.50	2.50	21.57	117.10	1.35	5.72	204.6	0.36	clear



GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-73	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.57	DUPLICATE: W-73-2025-Q2-DUP	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-74	SAMPLE ID: W-74-2025-Q2	DATE: 4/8/2025 12:10:00 PM
TOTAL WELL DEPTH (feet) (A): 33.83	WATER TABLE DEPTH (feet) (B): 13.36	LENGTH OF WATER COLUMN (feet) (A-B): 20.47
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 25.50 - 30.50 ft	CALCULATED SYSTEM VOLUME (gallons): 3.34
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31.39	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 31.39	PURGING START TIME: 4/8/2025 11:40:00 AM
		PURGING END TIME: 4/8/2025 12:05:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:45 AM	13.57	100	0.50	0.50	23.08	117.55	4.09	5.37	179.4	1.58	clear
11:50 AM	13.58	100	0.50	1.00	22.00	119.27	3.05	5.32	194.7	2.89	clear
11:55 AM	13.60	100	0.50	1.50	21.82	119.35	2.76	5.29	201.0	5.60	clear
12:00 PM	13.60	100	0.50	2.00	21.84	119.53	2.62	5.27	203.0	3.89	clear
12:05 PM	13.60	100	0.50	2.50	21.65	119.85	2.43	5.26	208.5	4.72	clear

SAMPLING DATA			
WELL NO: W-74	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 31.39	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-75	SAMPLE ID: W-75-2025-Q2	DATE: 4/8/2025 1:05:00 PM
TOTAL WELL DEPTH (feet) (A): 18.54	WATER TABLE DEPTH (feet) (B): 12.96	LENGTH OF WATER COLUMN (feet) (A-B): 5.58
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.91
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15.77	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15.77	PURGING START TIME: 4/8/2025 12:25:00 PM
		PURGING END TIME: 4/8/2025 1:00:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:30 PM	13.00	100	0.50	0.50	20.74	114.38	0.21	5.72	55.8	0.00	clear
12:35 PM	13.00	100	0.50	1.00	20.77	114.07	0.20	5.72	54.5	0.00	clear
12:40 PM	13.00	100	0.50	1.50	20.78	113.65	0.20	5.71	55.4	0.00	clear
12:45 PM	13.00	100	0.50	2.00	20.73	113.12	0.22	5.69	58.4	0.00	clear
12:50 PM	13.00	100	0.50	2.50	20.71	113.15	0.26	5.70	47.8	0.00	clear
12:55 PM	13.00	100	0.50	3.00	20.55	112.96	0.29	5.69	46.1	4.18	clear
1:00 PM	13.00	100	0.50	3.50	20.60	112.81	0.28	5.68	47.6	0.00	clear

SAMPLING DATA			
WELL NO: W-75	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 15.77	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-76	SAMPLE ID: W-76-2025-Q2	DATE: 4/8/2025 10:59:00 AM
TOTAL WELL DEPTH (feet) (A): 14.86	WATER TABLE DEPTH (feet) (B): 10.65	LENGTH OF WATER COLUMN (feet) (A-B): 4.21
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.69
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.75	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.75	PURGING START TIME: 4/8/2025 10:24:00 AM
		PURGING END TIME: 4/8/2025 10:57:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:27 AM	10.75	160	0.80	0.80	21.81	163.37	6.44	4.79	52.5	2.62	Clear
10:32 AM	10.80	160	0.80	1.60	21.04	165.14	6.16	4.70	72.1	10.36	Clear
10:37 AM	10.80	160	0.80	2.40	21.11	165.02	6.13	4.69	89.4	4.16	Clear
10:42 AM	10.80	140	0.70	3.10	21.27	165.16	5.99	4.68	98.9	1.82	Clear
10:47 AM	10.80	140	0.70	3.80	21.29	164.28	5.86	4.68	106.5	1.79	Clear
10:52 AM	10.80	140	0.70	4.50	21.26	165.15	5.96	4.68	111.0	0.57	Clear
10:57 AM	10.80	140	0.70	5.20	21.30	165.37	6.06	4.67	115.3	0.39	Clear

SAMPLING DATA			
WELL NO: W-76	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.75	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-77	SAMPLE ID: W-77-2025-Q2	DATE: 4/4/2025 10:05:00 AM
TOTAL WELL DEPTH (feet) (A): 15.26	WATER TABLE DEPTH (feet) (B): 9.68	LENGTH OF WATER COLUMN (feet) (A-B): 5.58
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.91
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.49	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.49	PURGING START TIME: 4/4/2025 9:00:00 AM
		PURGING END TIME: 4/4/2025 10:00:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:05 AM	9.70	100	0.50	0.50	20.16	2057.16	0.65	11.19	-25.5	19.85	Clear
9:10 AM	9.73	100	0.50	1.00	20.00	2051.48	0.51	11.20	-43.5	18.58	Clear
9:15 AM	9.75	100	0.50	1.50	20.07	2050.56	0.46	11.20	-65.5	18.69	Clear
9:20 AM	9.76	100	0.50	2.00	20.11	2054.60	0.42	11.20	-70.9	18.43	Clear
9:25 AM	9.76	100	0.50	2.50	20.06	2058.35	0.41	11.21	-79.0	16.77	Clear
9:30 AM	9.76	100	0.50	3.00	19.97	2053.45	0.39	11.21	-89.7	20.36	Clear
9:35 AM	9.76	100	0.50	3.50	20.11	2045.46	0.43	11.20	-98.1	16.59	Clear
9:40 AM	9.76	100	0.50	4.00	20.07	2040.39	0.43	11.20	-110.5	16.27	Clear
9:45 AM	9.76	100	0.50	4.50	19.98	2031.40	0.43	11.21	-121.7	16.24	Clear
9:50 AM	9.76	100	0.50	5.00	20.03	2007.84	0.47	11.20	-130.0	16.39	Clear
9:55 AM	9.76	100	0.50	5.50	20.08	1989.49	0.52	11.19	-134.3	17.03	Clear
10:00 AM	9.76	100	0.50	6.00	20.31	1999.41	0.53	11.18	-134.2	17.07	Clear

SAMPLING DATA			
WELL NO: W-77	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.49	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-78	SAMPLE ID: W-78-2025-Q2	DATE: 4/7/2025 12:45:00 PM
TOTAL WELL DEPTH (feet) (A): 15.05	WATER TABLE DEPTH (feet) (B): 10.07	LENGTH OF WATER COLUMN (feet) (A-B): 4.98
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.81
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.6	PURGING START TIME: 4/7/2025 12:15:00 PM
		PURGING END TIME: 4/7/2025 12:40:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:20 PM	10.12	100	0.50	0.50	21.33	220.59	5.87	6.12	160.5	1.68	Clear
12:25 PM	10.12	100	0.50	1.00	21.17	223.15	5.90	6.13	158.3	1.22	Clear
12:30 PM	10.12	100	0.50	1.50	20.95	219.66	5.78	6.13	158.2	0.76	Clear
12:35 PM	10.12	100	0.50	2.00	20.87	219.31	5.77	6.12	158.8	0.00	Clear
12:40 PM	10.12	100	0.50	2.50	20.92	217.92	5.69	6.11	159.9	0.11	Clear

SAMPLING DATA			
WELL NO: W-78	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.6	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-79	SAMPLE ID: W-79-2025-Q2	DATE: 4/4/2025 11:55:00 AM
TOTAL WELL DEPTH (feet) (A): 15.27	WATER TABLE DEPTH (feet) (B): 9.02	LENGTH OF WATER COLUMN (feet) (A-B): 6.25
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.02
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.16	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.16	PURGING START TIME: 4/4/2025 11:15:00 AM
		PURGING END TIME: 4/4/2025 11:50:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:20 AM	9.18	100	0.50	0.50	21.16	173.15	5.61	5.95	151.3	5.41	Clear
11:25 AM	9.22	100	0.50	1.00	20.97	173.92	5.17	5.95	161.8	2.80	Clear
11:30 AM	9.22	100	0.50	1.50	21.31	173.88	4.96	5.95	163.0	0.00	Clear
11:35 AM	9.22	100	0.50	2.00	21.34	174.27	4.83	5.94	164.5	0.06	Clear
11:40 AM	9.22	100	0.50	2.50	21.36	174.38	4.35	5.90	168.1	0.00	Clear
11:45 AM	9.22	100	0.50	3.00	21.34	174.24	4.51	5.91	168.9	0.00	Clear
11:50 AM	9.22	100	0.50	3.50	21.32	174.27	4.33	5.92	169.4	0.00	Clear

SAMPLING DATA			
WELL NO: W-79	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.16	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly		Fluoride,Nitrate	ROG-CAL-C
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-80	SAMPLE ID: W-80-2025-Q2	DATE: 4/7/2025 12:58:00 PM
TOTAL WELL DEPTH (feet) (A): 15.26	WATER TABLE DEPTH (feet) (B): 10.90	LENGTH OF WATER COLUMN (feet) (A-B): 4.36
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.71
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.08	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13.08	PURGING START TIME: 4/7/2025 12:24:00 PM
		PURGING END TIME: 4/7/2025 12:56:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:26 PM	11.07	0	0.00	0.00	26.41	36.97	5.69	5.42	71.0	1.35	Clear
12:31 PM	11.45	160	0.80	0.80	23.50	237.89	2.63	5.32	72.1	1.64	Clear
12:36 PM	11.90	120	0.60	1.40	23.61	233.92	2.63	5.35	75.2	34.95	Clear
12:41 PM	12.40	100	0.50	1.90	23.83	236.89	2.48	5.34	77.2	21.51	None
12:46 PM	12.40	80	0.40	2.30	23.88	236.76	2.28	5.33	78.7	19.19	Clear
12:51 PM	12.42	80	0.40	2.70	23.96	238.39	2.17	5.33	80.0	19.74	Clear
12:56 PM	12.55	80	0.40	3.10	23.75	240.87	2.12	5.34	82.2	19.08	Clear

SAMPLING DATA			
WELL NO: W-80	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 13.08		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-81	SAMPLE ID: W-81-2025-Q2	DATE: 4/8/2025 9:47:00 AM
TOTAL WELL DEPTH (feet) (A): 15.29	WATER TABLE DEPTH (feet) (B): 12.15	LENGTH OF WATER COLUMN (feet) (A-B): 3.14
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.51
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.72	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13.72	PURGING START TIME: 4/8/2025 8:47:00 AM
		PURGING END TIME: 4/8/2025 9:44:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:49 AM	12.43	100	0.50	0.50	16.07	111.21	5.54	5.43	68.4	2.77	Clear
8:54 AM	12.43	100	0.50	1.00	16.36	152.70	0.64	5.39	39.3	5.26	Clear
8:59 AM	12.68	100	0.50	1.50	17.41	148.78	0.23	5.38	35.9	3.76	Clear
9:04 AM	12.74	100	0.50	2.00	17.39	151.17	0.11	5.38	30.2	3.51	Clear
9:09 AM	12.74	100	0.50	2.50	17.46	0.06	8.40	5.80	69.5	0.00	Clear
9:14 AM	12.95	100	0.50	3.00	18.21	161.99	0.94	5.39	30.6	3.07	Clear
9:19 AM	13.00	100	0.50	3.50	18.08	171.23	0.39	5.37	26.5	0.26	Clear
9:24 AM	13.00	100	0.50	4.00	18.28	180.80	0.39	5.36	24.8	0.76	Clear
9:29 AM	13.23	80	0.40	4.40	18.96	190.08	1.21	5.37	28.5	1.14	Clear
9:34 AM	13.43	80	0.40	4.80	19.24	191.94	1.30	5.38	27.1	1.95	Clear
9:39 AM	13.54	80	0.40	5.20	19.28	199.98	1.55	5.38	30.1	1.28	Clear
9:44 AM	13.60	80	0.40	5.60	19.39	203.32	1.68	5.37	33.0	4.20	Clear

SAMPLING DATA			
WELL NO: W-81	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 13.72	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-82	SAMPLE ID: W-82-2025-Q2	DATE: 4/7/2025 11:45:00 AM
TOTAL WELL DEPTH (feet) (A): 15.34	WATER TABLE DEPTH (feet) (B): 12.41	LENGTH OF WATER COLUMN (feet) (A-B): 2.93
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.48
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.82	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13.82	PURGING START TIME: 4/7/2025 10:40:00 AM
		PURGING END TIME: 4/7/2025 11:40:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:45 AM	12.85	100	0.50	0.50	21.52	162.10	1.44	5.47	178.0	377.59	Light brown
10:50 AM	13.21	100	0.50	1.00	20.91	142.82	2.37	5.52	174.9	137.96	Light brown
10:55 AM	13.64	100	0.50	1.50	20.87	144.01	1.91	5.46	174.1	184.41	Light brown
11:00 AM	13.96	100	0.50	2.00	20.82	149.60	1.56	5.45	173.7	279.75	Light brown
11:05 AM	14.32	100	0.50	2.50	20.79	152.19	1.64	5.44	173.1	411.86	Brown
11:10 AM	14.48	100	0.50	3.00	20.97	156.57	2.03	5.43	172.4	487.48	Brown
11:15 AM	14.78	100	0.50	3.50	21.03	159.81	2.79	5.42	171.1	408.02	Brown
11:20 AM	14.97	100	0.50	4.00	21.18	161.67	3.11	5.41	172.6	419.32	Brown
11:25 AM	15.01	100	0.50	4.50	21.29	162.74	3.19	5.41	172.4	421.27	Clear
11:30 AM	15.19	100	0.50	5.00	21.26	166.05	3.67	5.42	169.1	345.08	Brown
11:35 AM	15.21	100	0.50	5.50	21.40	166.12	4.06	5.41	168.5	472.26	Brown
11:40 AM	15.22	100	0.50	6.00	21.72	166.00	4.25	5.41	168.2	309.10	Brown

SAMPLING DATA			
WELL NO: W-82	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 13.82	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-83	SAMPLE ID: W-83-2025-Q2	DATE: 4/7/2025 10:15:00 AM
TOTAL WELL DEPTH (feet) (A): 26.05	WATER TABLE DEPTH (feet) (B): 13.13	LENGTH OF WATER COLUMN (feet) (A-B): 12.92
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 16.50 - 26.50 ft	CALCULATED SYSTEM VOLUME (gallons): 2.11
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.02	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.02	PURGING START TIME: 4/7/2025 9:35:00 AM
		PURGING END TIME: 4/7/2025 10:10:00 AM
		PUMP TYPE: Low flow (pump type: Submersible)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:40 AM	13.67	100	0.50	0.50	21.93	147.12	2.66	5.34	202.1	1.50	Clear
9:45 AM	13.85	100	0.50	1.00	21.96	144.05	2.54	5.34	215.4	3.07	Clear
9:50 AM	14.03	100	0.50	1.50	22.06	140.68	2.51	5.34	228.4	4.95	Clear
9:55 AM	14.12	100	0.50	2.00	22.16	133.12	2.48	5.34	232.4	4.89	Clear
10:00 AM	14.12	100	0.50	2.50	22.53	125.02	2.49	5.34	223.1	4.27	Clear
10:05 AM	14.12	100	0.50	3.00	22.66	123.52	2.48	5.34	219.6	2.60	Clear
10:10 AM	14.07	100	0.50	3.50	22.88	120.63	2.47	5.35	217.8	4.24	Clear

SAMPLING DATA			
WELL NO: W-83	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 21.02	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-84	SAMPLE ID: W-84-2025-Q2	DATE: 4/7/2025 9:00:00 AM
TOTAL WELL DEPTH (feet) (A): 20.34	WATER TABLE DEPTH (feet) (B): 6.57	LENGTH OF WATER COLUMN (feet) (A-B): 13.77
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 11.00 - 21.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.25
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15.3	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15.3	PURGING START TIME: 4/7/2025 8:10:00 AM
		PURGING END TIME: 4/7/2025 8:55:00 AM
		PUMP TYPE: Low flow (pump type: Submersible)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:15 AM	7.34	100	0.50	0.50	20.48	141.54	2.44	5.64	144.8	0.44	Clear
8:20 AM	7.57	100	0.50	1.00	20.47	141.23	2.39	5.64	147.8	1.46	Clear
8:25 AM	7.95	100	0.50	1.50	20.43	140.59	2.30	5.62	153.5	4.91	Clear
8:30 AM	8.05	100	0.50	2.00	20.45	140.24	2.25	5.62	151.9	0.00	Clear
8:35 AM	8.23	100	0.50	2.50	20.49	136.51	1.97	5.56	144.5	7.53	Clear
8:40 AM	8.32	100	0.50	3.00	20.53	135.90	1.88	5.55	137.5	3.89	Clear
8:45 AM	8.44	100	0.50	3.50	20.52	133.33	1.64	5.50	127.9	3.96	Clear
8:50 AM	8.51	100	0.50	4.00	20.58	133.68	1.64	5.51	124.6	0.55	Clear
8:55 AM	8.55	100	0.50	4.50	20.83	132.63	1.62	5.48	124.3	0.00	Clear

SAMPLING DATA			
WELL NO: W-84	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 15.3	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL

Low Flow Groundwater Sample Collection Record

WELL NO: W-85	SAMPLE ID: W-85-2025-Q2	DATE: 4/17/2025 10:45:00 AM
TOTAL WELL DEPTH (feet) (A): 47.70	WATER TABLE DEPTH (feet) (B): 19.55	LENGTH OF WATER COLUMN (feet) (A-B): 28.15
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 40.00 - 45.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.59
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 45.2	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 45.2	PURGING START TIME: 4/17/2025 10:16:00 AM
		PURGING END TIME: 4/17/2025 10:43:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:18 AM	19.96	120	0.00	0.00	27.08	595.67	6.83	10.98	9.1	7.60	Clear
10:23 AM	20.13	120	0.60	0.60	20.18	738.92	2.82	11.09	-30.8	2.41	Clear
10:28 AM	20.13	120	0.60	1.20	20.07	740.90	2.85	11.03	-30.7	3.88	Clear
10:33 AM	20.15	120	0.60	1.80	19.72	742.97	2.44	10.99	-31.9	2.23	Clear
10:38 AM	20.17	120	0.60	2.40	19.90	739.25	2.31	10.95	-38.2	1.77	Clear
10:43 AM	20.18	120	0.60	3.00	20.11	738.70	2.26	10.92	-40.1	0.51	Clear

SAMPLING DATA			
WELL NO: W-85	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 45.2	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-86	SAMPLE ID: W-86-2025-Q2	DATE: 4/17/2025 9:34:00 AM
TOTAL WELL DEPTH (feet) (A): 38.17	WATER TABLE DEPTH (feet) (B): 18.60	LENGTH OF WATER COLUMN (feet) (A-B): 19.57
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 25.00 - 35.00 ft	CALCULATED SYSTEM VOLUME (gallons): 3.19
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 33.17	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33.17	PURGING START TIME: 4/17/2025 8:58:00 AM
		PURGING END TIME: 4/17/2025 9:31:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:01 AM	19.04	120	0.00	0.00	16.35	227.90	7.73	5.82	72.4	35.01	Clear
9:06 AM	19.30	120	0.60	0.60	17.72	232.53	1.83	5.57	71.4	15.81	Clear
9:11 AM	19.48	120	0.60	1.20	18.04	232.25	1.31	5.56	87.2	12.81	Clear
9:16 AM	19.61	120	0.60	1.80	18.47	232.20	1.16	5.55	81.6	8.90	Clear
9:21 AM	19.68	120	0.60	2.40	18.59	231.40	0.98	5.55	88.4	10.43	Clear
9:26 AM	19.75	120	0.60	3.00	18.76	231.91	0.89	5.54	91.5	9.94	Clear
9:31 AM	19.77	120	0.60	3.60	19.07	231.09	0.84	5.53	88.1	13.91	Clear

SAMPLING DATA			
WELL NO: W-86	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL:	PUMP OR TUBING DEPTH IN WELL (feet): 33.17	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-87	SAMPLE ID: W-87-2025-Q2	DATE: 4/9/2025 2:25:00 PM
TOTAL WELL DEPTH (feet) (A): 32.83	WATER TABLE DEPTH (feet) (B): 8.79	LENGTH OF WATER COLUMN (feet) (A-B): 24.04
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 28.00 - 33.00 ft	CALCULATED SYSTEM VOLUME (gallons): 3.92
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.38	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.38	PURGING START TIME: 4/9/2025 1:55:00 PM
		PURGING END TIME: 4/9/2025 2:20:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:00 PM	9.30	100	0.50	0.50	21.02	78.20	2.70	6.15	129.5	30.27	Clear
2:05 PM	9.30	100	0.50	1.00	20.55	77.90	2.63	6.17	137.2	22.45	Clear
2:10 PM	9.30	100	0.50	1.50	20.55	78.48	2.48	6.18	142.0	21.01	Clear
2:15 PM	9.30	100	0.50	2.00	20.54	78.97	2.31	6.18	143.8	20.12	Clear
2:20 PM	9.30	100	0.50	2.50	20.73	79.19	2.27	6.18	145.7	19.37	Clear

SAMPLING DATA			
WELL NO: W-87	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 30.38	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-88	SAMPLE ID: W-88-2025-Q2	DATE: 4/2/2025 2:49:00 PM
TOTAL WELL DEPTH (feet) (A): 44.40	WATER TABLE DEPTH (feet) (B): 23.34	LENGTH OF WATER COLUMN (feet) (A-B): 21.06
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 36.50 - 41.50 ft	CALCULATED SYSTEM VOLUME (gallons): 3.44
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 41.92	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 41.92	PURGING START TIME: 4/2/2025 2:18:00 PM
		PURGING END TIME: 4/2/2025 2:47:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:22 PM	23.53			0.00	31.28	56.02	6.90	5.28	130.3	3.70	Clear
2:27 PM	23.58	140	0.70	0.70	21.10	52.60	6.40	5.21	94.9	1.92	Clear
2:32 PM	23.58	140	0.70	1.40	20.95	52.70	6.39	5.16	102.6	1.52	Clear
2:37 PM	23.61	140	0.70	2.10	20.88	52.26	6.34	5.11	106.6	1.60	Clear
2:42 PM	23.61	140	0.70	2.80	21.15	52.27	6.28	5.06	111.8	2.45	Clear
2:47 PM	23.61	140	0.70	3.50	21.02	52.10	6.31	5.04	115.5	1.95	Clear

SAMPLING DATA			
WELL NO: W-88	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 41.92		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly		Fluoride,Nitrate	ROG-CAL-C
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-89	SAMPLE ID: W-89-2025-Q2	DATE: 4/2/2025 1:59:00 PM
TOTAL WELL DEPTH (feet) (A): 28.20	WATER TABLE DEPTH (feet) (B): 22.19	LENGTH OF WATER COLUMN (feet) (A-B): 6.01
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.50 - 25.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.98
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.21	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.21	PURGING START TIME: 4/2/2025 1:31:00 PM
		PURGING END TIME: 4/2/2025 1:58:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:33 PM	22.25	100		0.00	22.22	65.25	7.52	5.13	115.5	3.41	Clear
1:38 PM	22.13	120	0.60	0.60	20.02	49.16	5.99	5.04	132.7	0.78	Clear
1:43 PM	22.23	120	0.60	1.20	19.92	49.20	5.88	5.03	123.9	1.35	Clear
1:48 PM	22.23	120	0.60	1.80	20.02	48.92	5.86	5.07	120.8	1.49	Clear
1:53 PM	22.23	120	0.60	2.40	20.10	48.75	5.85	5.09	116.6	1.66	Clear
1:58 PM	22.23	120	0.60	3.00	19.98	48.38	5.84	5.10	114.8	3.47	Clear

SAMPLING DATA			
WELL NO: W-89	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 25.21	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly		Fluoride,Nitrate	ROG-CAL-C
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-90	SAMPLE ID: W-90-2025-Q2	DATE: 4/10/2025 10:50:00 AM
TOTAL WELL DEPTH (feet) (A): 43.20	WATER TABLE DEPTH (feet) (B): 27.02	LENGTH OF WATER COLUMN (feet) (A-B): 16.18
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 35.00 - 40.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.64
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 40.59	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 40.59	PURGING START TIME: 4/10/2025 10:20:00 AM
		PURGING END TIME: 4/10/2025 10:45:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:25 AM	27.17	100	0.50	0.50	18.79	55.90	5.00	5.29	221.8	0.00	Clear
10:30 AM	27.17	100	0.50	1.00	18.60	55.98	4.90	5.27	232.5	0.00	Clear
10:35 AM	27.18	100	0.50	1.50	18.89	55.35	4.89	5.19	242.0	0.00	Clear
10:40 AM	27.18	100	0.50	2.00	18.88	55.28	4.85	5.17	246.5	0.00	Clear
10:45 AM	27.18	100	0.50	2.50	19.00	55.17	4.82	5.16	248.9	0.00	Clear

SAMPLING DATA			
WELL NO: W-90	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 40.59	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-91	SAMPLE ID: W-91-2025-Q2	DATE: 4/10/2025 9:55:00 AM
TOTAL WELL DEPTH (feet) (A): 28.28	WATER TABLE DEPTH (feet) (B): 26.90	LENGTH OF WATER COLUMN (feet) (A-B): 1.38
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.00 - 25.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.23
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27.6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.6	PURGING START TIME: 4/10/2025 9:20:00 AM
		PURGING END TIME: 4/10/2025 9:50:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:25 AM	27.10	90	0.45	0.45	17.59	42.99	8.43	5.21	208.9	345.21	Brown
9:30 AM	27.16	90	0.45	0.90	17.44	43.80	5.69	5.06	232.8	48.20	Clear
9:35 AM	27.19	90	0.45	1.35	17.63	43.91	5.46	5.03	240.2	0.63	Clear
9:40 AM	27.21	90	0.45	1.80	17.82	43.50	5.13	5.00	246.9	0.00	Clear
9:45 AM	27.22	90	0.45	2.25	17.86	43.33	5.04	5.00	254.4	0.00	Clear
9:50 AM	27.22	90	0.45	2.70	17.90	43.31	4.93	5.00	256.6	0.00	Clear

SAMPLING DATA			
WELL NO: W-91	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 27.6	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-92	SAMPLE ID: W-92-2025-Q2	DATE: 4/21/2025 10:15:00 AM
TOTAL WELL DEPTH (feet) (A): 36.90	WATER TABLE DEPTH (feet) (B): 14.77	LENGTH OF WATER COLUMN (feet) (A-B): 22.13
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 29.00 - 34.00 ft	CALCULATED SYSTEM VOLUME (gallons): 3.61
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 34.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 34.5	PURGING START TIME: 4/21/2025 9:40:00 AM
		PURGING END TIME: 4/21/2025 10:10:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:45 AM	14.78	100	0.50	0.50	18.08	250.88	0.23	6.00	-17.8	0.84	Clear
9:50 AM	14.79	100	0.50	1.00	18.12	256.53	0.15	6.02	-24.3	1.06	Clear
9:55 AM	14.79	100	0.50	1.50	18.17	257.68	0.12	6.03	-26.1	21.19	Clear
10:00 AM	14.79	100	0.50	2.00	18.20	259.88	0.10	6.04	-29.1	10.59	Clear
10:05 AM	14.79	100	0.50	2.50	18.24	259.36	0.09	6.04	-29.9	12.37	Clear
10:10 AM	14.79	100	0.50	3.00	18.26	260.25	0.08	6.03	-30.3	19.46	Clear

SAMPLING DATA			
WELL NO: W-92	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 34.5	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-93	SAMPLE ID: W-93-2025-Q2	DATE: 4/4/2025 10:55:00 AM
TOTAL WELL DEPTH (feet) (A): 34.92	WATER TABLE DEPTH (feet) (B): 10.26	LENGTH OF WATER COLUMN (feet) (A-B): 24.66
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 30.50 - 35.50 ft	CALCULATED SYSTEM VOLUME (gallons): 4.02
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.48	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.48	PURGING START TIME: 4/4/2025 10:25:00 AM
		PURGING END TIME: 4/4/2025 10:50:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:30 AM	10.45	100	0.50	0.50	22.07	147.76	1.73	5.51	178.2	0.00	Clear
10:35 AM	10.45	100	0.50	1.00	22.08	147.17	1.48	5.34	183.4	0.00	Clear
10:40 AM	10.45	100	0.50	1.50	22.06	146.26	1.21	5.30	186.8	0.00	Clear
10:45 AM	10.45	100	0.50	2.00	22.09	146.03	1.16	5.30	191.5	0.00	Clear
10:50 AM	10.45	100	0.50	2.50	22.08	145.06	1.11	5.29	193.7	0.00	Clear

SAMPLING DATA			
WELL NO: W-93	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 32.48	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly		Fluoride,Nitrate	ROG-CAL-C
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-94	SAMPLE ID: W-94-2025-Q2	DATE: 4/22/2025 10:55:00 AM
TOTAL WELL DEPTH (feet) (A): 31.90	WATER TABLE DEPTH (feet) (B): 9.07	LENGTH OF WATER COLUMN (feet) (A-B): 22.83
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 24.50 - 29.50 ft	CALCULATED SYSTEM VOLUME (gallons): 3.73
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 29.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 29.5	PURGING START TIME: 4/22/2025 10:26:00 AM
		PURGING END TIME: 4/22/2025 10:53:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:28 AM	9.11	120	0.00	0.00	27.28	43.35	0.00	5.74	88.1	112.48	Clear
10:33 AM	9.11	120	0.60	0.60	19.45	68.57	0.00	5.47	90.7	38.32	Clear
10:38 AM	9.11	120	0.60	1.20	19.06	69.01	0.00	5.41	99.3	21.34	Clear
10:43 AM	9.11	120	0.60	1.80	18.94	69.18	0.00	5.42	100.3	14.41	Clear
10:48 AM	9.11	120	0.60	2.40	19.03	69.42	0.00	5.46	95.5	3.68	Clear
10:53 AM	9.11	120	0.60	3.00	18.97	69.36	0.00	5.54	92.8	0.27	Clear

SAMPLING DATA			
WELL NO: W-94	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 29.5	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-95	SAMPLE ID: W-95-2025-Q2	DATE: 4/22/2025 11:50:00 AM
TOTAL WELL DEPTH (feet) (A): 36.21	WATER TABLE DEPTH (feet) (B): 7.59	LENGTH OF WATER COLUMN (feet) (A-B): 28.62
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 28.50 - 33.50 ft	CALCULATED SYSTEM VOLUME (gallons): 4.67
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 33.79	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33.79	PURGING START TIME: 4/22/2025 11:05:00 AM
		PURGING END TIME: 4/22/2025 11:45:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:10 AM	7.59	100	0.50	0.50	21.04	175.98	5.65	5.87	11.6	106.77	Light brown
11:15 AM	7.59	100	0.50	1.00	19.97	198.00	0.76	6.10	-47.3	44.85	Clear
11:20 AM	7.59	100	0.50	1.50	20.24	198.10	0.69	6.12	-51.2	33.55	Clear
11:25 AM	7.59	100	0.50	2.00	19.86	197.71	0.44	6.13	-52.7	29.97	Clear
11:30 AM	7.59	100	0.50	2.50	19.68	198.90	0.39	6.14	-53.9	21.63	Clear
11:35 AM	7.59	100	0.50	3.00	19.76	198.56	0.32	6.14	-54.5	16.53	Clear
11:40 AM	7.59	100	0.50	3.50	19.72	198.71	0.28	6.15	-56.4	11.36	Clear
11:45 AM	7.59	100	0.50	4.00	19.55	198.76	0.23	6.14	-56.7	9.25	Clear

SAMPLING DATA			
WELL NO: W-95	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 33.79	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-96	SAMPLE ID: W-96-2025-Q2	DATE: 4/18/2025 10:30:00 AM
TOTAL WELL DEPTH (feet) (A): 32.85	WATER TABLE DEPTH (feet) (B): 7.75	LENGTH OF WATER COLUMN (feet) (A-B): 25.10
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 25.00 - 30.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.10
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.27	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.27	PURGING START TIME: 4/18/2025 9:25:00 AM
		PURGING END TIME: 4/18/2025 10:25:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:30 AM	7.76	100	0.50	0.50	17.76	224.93	0.20	5.81	17.2	257.67	Light brown
9:35 AM	7.76	100	0.50	1.00	17.78	224.18	0.13	5.81	16.2	196.32	Light brown
9:40 AM	7.76	100	0.50	1.50	17.93	222.25	0.10	5.80	16.1	213.60	Light brown
9:45 AM	7.76	100	0.50	2.00	18.14	221.60	0.09	5.79	17.1	96.29	Clear
9:50 AM	7.76	100	0.50	2.50	18.23	222.11	0.08	5.79	17.4	76.35	Clear
9:55 AM	7.76	100	0.50	3.00	18.16	219.76	0.08	5.79	18.3	95.59	Clear
10:00 AM	7.76	100	0.50	3.50	18.47	219.75	0.10	5.78	18.9	96.43	Clear
10:05 AM	7.76	100	0.50	4.00	18.50	217.89	0.10	5.78	20.9	83.16	Clear
10:10 AM	7.76	100	0.50	4.50	18.58	218.13	0.09	5.79	21.5	48.63	Clear
10:15 AM	7.76	100	0.50	5.00	18.87	217.93	0.08	5.78	21.2	50.79	Clear
10:20 AM	7.76	100	0.50	5.50	18.64	217.60	0.09	5.78	21.8	36.86	Clear
10:25 AM	7.76	100	0.50	6.00	18.91	217.76	0.08	5.76	23.9	44.07	Clear

SAMPLING DATA			
WELL NO: W-96	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 30.27	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-97	SAMPLE ID: W-97-2025-Q2	DATE: 4/18/2025 11:42:00 AM
TOTAL WELL DEPTH (feet) (A): 21.93	WATER TABLE DEPTH (feet) (B): 4.10	LENGTH OF WATER COLUMN (feet) (A-B): 17.83
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 14.00 - 19.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.91
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19.43	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19.43	PURGING START TIME: 4/18/2025 11:09:00 AM
		PURGING END TIME: 4/18/2025 11:40:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:10 AM	4.10	140		0.00	22.31	191.23	5.09	5.86	78.5	3.66	Clear
11:15 AM	4.10	160	0.80	0.80	18.69	198.04	0.35	5.68	108.0	0.00	Clear
11:20 AM	4.10	160	0.80	1.60	18.71	195.57	0.18	5.66	114.1	8.07	Clear
11:25 AM	4.10	160	0.80	2.40	18.77	196.26	0.11	5.72	114.6	0.00	Clear
11:30 AM	4.10	160	0.80	3.20	18.82	204.08	0.08	5.78	113.7	2.37	Clear
11:35 AM	4.10	160	0.80	4.00	18.87	206.62	0.07	5.82	113.5	2.81	Clear
11:40 AM	4.10	160	0.80	4.80	19.19	205.00	0.10	5.83	112.8	8.98	Clear

SAMPLING DATA			
WELL NO: W-97	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 19.43	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-98	SAMPLE ID: W-98-2025-Q2	DATE: 4/15/2025 9:30:00 AM
TOTAL WELL DEPTH (feet) (A): 29.98	WATER TABLE DEPTH (feet) (B): 24.31	LENGTH OF WATER COLUMN (feet) (A-B): 5.67
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 17.00 - 27.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.93
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27.08	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.08	PURGING START TIME: 4/15/2025 8:40:00 AM
		PURGING END TIME: 4/15/2025 9:25:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:45 AM	24.40	100	0.50	0.50	17.86	111.99	1.11	5.14	178.9	36.01	Clear
8:50 AM	24.40	100	0.50	1.00	17.87	112.15	1.07	5.15	112.1	36.87	Clear
8:55 AM	24.40	100	0.50	1.50	17.85	112.96	1.00	5.15	116.0	31.75	Clear
9:00 AM	24.40	100	0.50	2.00	17.95	114.13	1.01	5.14	120.5	26.25	Clear
9:05 AM	24.40	100	0.50	2.50	17.93	114.27	0.96	5.14	124.7	25.52	Clear
9:10 AM	24.40	100	0.50	3.00	17.89	115.17	0.93	5.14	128.0	21.15	Clear
9:15 AM	24.40	100	0.50	3.50	17.98	115.68	0.94	5.14	131.1	16.84	Clear
9:20 AM	24.40	100	0.50	4.00	18.06	116.25	0.96	5.14	134.2	17.47	Clear
9:25 AM	24.40	100	0.50	4.50	17.99	116.20	0.91	5.14	135.6	16.45	Clear

SAMPLING DATA			
WELL NO: W-98	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 27.08	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL

Low Flow Groundwater Sample Collection Record

WELL NO: W-99	SAMPLE ID: W-99-2025-Q2	DATE: 4/15/2025 2:45:00 PM
TOTAL WELL DEPTH (feet) (A): 23.95	WATER TABLE DEPTH (feet) (B): 12.24	LENGTH OF WATER COLUMN (feet) (A-B): 11.71
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 16.00 - 21.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.91
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.33	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.33	PURGING START TIME: 4/15/2025 1:50:00 PM
		PURGING END TIME: 4/15/2025 2:40:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:55 PM	12.89	100	0.50	0.50	20.46	280.07	0.31	6.32	78.6	3.26	Clear
2:00 PM	13.03	100	0.50	1.00	20.33	332.52	0.20	6.41	-3.6	6.76	Clear
2:05 PM	13.07	100	0.50	1.50	20.34	369.67	0.17	6.48	-38.4	4.99	Clear
2:10 PM	13.08	100	0.50	2.00	20.36	403.61	0.15	6.52	-57.6	11.20	Clear
2:15 PM	13.08	100	0.50	2.50	20.48	421.25	0.13	6.55	-68.2	13.28	Clear
2:20 PM	13.08	100	0.50	3.00	20.50	423.34	0.13	6.54	-67.7	6.22	Clear
2:25 PM	13.08	100	0.50	3.50	20.41	448.94	0.12	6.58	-79.0	6.80	Clear
2:30 PM	13.08	100	0.50	4.00	20.40	483.48	0.11	6.61	-88.2	4.46	Clear
2:35 PM	13.08	100	0.50	4.50	20.59	487.72	0.11	6.61	-92.8	1.87	Clear
2:40 PM	13.08	100	0.50	5.00	20.59	492.21	0.10	6.63	-96.8	1.07	Clear

SAMPLING DATA			
WELL NO: W-99	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 21.33	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-100	SAMPLE ID: W-100-2025-Q2	DATE: 4/16/2025 8:55:00 AM
TOTAL WELL DEPTH (feet) (A): 15.14	WATER TABLE DEPTH (feet) (B): 10.87	LENGTH OF WATER COLUMN (feet) (A-B): 4.27
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 7.00 - 12.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.70
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.94	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.94	PURGING START TIME: 4/16/2025 8:05:00 AM
		PURGING END TIME: 4/16/2025 8:50:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:10 AM	10.96	100	0.50	0.50	15.04	597.08	0.54	6.64	-75.9	6.97	Clear
8:15 AM	10.97	100	0.50	1.00	15.64	603.18	0.35	6.64	-80.5	18.63	Clear
8:20 AM	10.97	100	0.50	1.50	16.42	599.58	0.26	6.64	-88.2	18.96	Clear
8:25 AM	10.97	100	0.50	2.00	16.65	595.35	0.25	6.63	-99.5	21.80	Clear
8:30 AM	10.97	100	0.50	2.50	16.89	569.68	0.22	6.58	-94.9	7.59	Clear
8:35 AM	10.97	100	0.50	3.00	16.95	526.45	0.26	6.51	-82.1	4.60	Clear
8:40 AM	10.97	100	0.50	3.50	16.97	505.61	0.41	6.48	-76.2	3.83	Clear
8:45 AM	10.97	100	0.50	4.00	17.23	510.51	0.42	6.48	-79.1	1.50	Clear
8:50 AM	10.97	100	0.50	4.50	17.19	505.97	0.45	6.48	-78.5	1.45	Clear

SAMPLING DATA			
WELL NO: W-100	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.94	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-102	SAMPLE ID: W-102-2025-Q2	DATE: 4/3/2025 3:25:00 PM
TOTAL WELL DEPTH (feet) (A): 33.40	WATER TABLE DEPTH (feet) (B): 11.18	LENGTH OF WATER COLUMN (feet) (A-B): 22.22
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 28.50 - 33.50 ft	CALCULATED SYSTEM VOLUME (gallons): 3.63
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.9	PURGING START TIME: 4/3/2025 2:39:00 PM
		PURGING END TIME: 4/3/2025 3:22:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:42 PM	11.35		0.00	0.00	37.05	0.04	4.31	6.08	137.5	0.00	Clear
2:47 PM	11.40	140	0.70	0.70	23.01	746.50	0.39	6.04	144.1	1.54	Clear
2:52 PM	11.40	140	0.70	1.40	22.89	708.86	0.26	6.01	145.9	2.07	Clear
2:57 PM	11.40	140	0.70	2.10	23.25	651.28	0.21	6.00	143.6	0.43	Clear
3:02 PM	11.40	140	0.70	2.80	23.13	671.03	0.29	6.03	143.3	0.03	Clear
3:07 PM	11.40	140	0.70	3.50	22.78	607.02	0.21	6.01	140.2	2.36	Clear
3:12 PM	11.40	140	0.70	4.20	23.18	578.59	0.17	6.01	138.3	0.00	Clear
3:17 PM	11.40	140	0.70	4.90	22.70	584.26	0.16	6.04	137.1	0.00	Clear
3:22 PM	11.40	140	0.70	5.60	22.89	589.45	0.16	6.03	136.4	0.00	Clear

SAMPLING DATA			
WELL NO: W-102	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 30.9		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly		Fluoride,Nitrate	ROG-CAL-C
3	40 ml	VOA vial	HCl	Select VOCs	GEL

Low Flow Groundwater Sample Collection Record

WELL NO: W-103	SAMPLE ID: W-103-2025-Q2	DATE: 4/17/2025 1:25:00 PM
TOTAL WELL DEPTH (feet) (A): 41.93	WATER TABLE DEPTH (feet) (B): 17.48	LENGTH OF WATER COLUMN (feet) (A-B): 24.45
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 34.50 - 39.50 ft	CALCULATED SYSTEM VOLUME (gallons): 3.99
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 39.23	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 39.23	PURGING START TIME: 4/17/2025 12:45:00 PM
		PURGING END TIME: 4/17/2025 1:20:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:50 PM	17.52	110	0.55	0.55	18.96	138.90	1.42	5.44	227.1	0.00	Clear
12:55 PM	17.52	110	0.55	1.10	19.14	137.44	1.73	5.43	226.3	0.00	Clear
1:00 PM	17.52	110	0.55	1.65	19.21	137.28	1.72	5.43	229.5	0.00	Clear
1:05 PM	17.52	110	0.55	2.20	19.19	138.35	1.54	5.43	231.2	0.00	Clear
1:10 PM	17.52	110	0.55	2.75	19.25	135.87	1.75	5.41	234.7	0.00	Clear
1:15 PM	17.52	110	0.55	3.30	19.24	136.11	1.67	5.41	238.1	0.00	Clear
1:20 PM	17.52	110	0.55	3.85	19.19	136.32	1.61	5.42	238.1	0.00	Clear

SAMPLING DATA			
WELL NO: W-103	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 39.23	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-104	SAMPLE ID: W-104-2025-Q2	DATE: 4/18/2025 10:04:00 AM
TOTAL WELL DEPTH (feet) (A): 20.37	WATER TABLE DEPTH (feet) (B): 5.70	LENGTH OF WATER COLUMN (feet) (A-B): 14.67
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 7.50 - 17.50 ft	CALCULATED SYSTEM VOLUME (gallons): 2.39
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15.37	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15.37	PURGING START TIME: 4/18/2025 9:40:00 AM
		PURGING END TIME: 4/18/2025 10:02:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:42 AM	5.70	160	0.00	0.00	18.26	210.91	4.54	5.51	70.9	20.07	Clear
9:47 AM	5.70	160	0.80	0.80	17.78	227.94	0.45	5.44	99.5	28.02	Clear
9:52 AM	5.70	120	0.60	1.40	18.15	223.85	0.28	5.43	107.2	17.23	Clear
9:57 AM	5.70	120	0.60	2.00	18.28	220.72	0.21	5.42	109.6	13.87	Clear
10:02 AM	5.70	120	0.60	2.60	18.41	220.84	0.16	5.42	109.4	3.37	Clear

SAMPLING DATA			
WELL NO: W-104	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 15.37	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-105	SAMPLE ID: W-105-2025-Q2	DATE: 4/18/2025 8:55:00 AM
TOTAL WELL DEPTH (feet) (A): 26.97	WATER TABLE DEPTH (feet) (B): 7.78	LENGTH OF WATER COLUMN (feet) (A-B): 19.19
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 14.00 - 24.00 ft	CALCULATED SYSTEM VOLUME (gallons): 3.13
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.9	PURGING START TIME: 4/18/2025 8:20:00 AM
		PURGING END TIME: 4/18/2025 8:50:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:25 AM	7.92	100	0.50	0.50	16.24	332.99	0.21	5.70	61.4	2252.32	Brown
8:30 AM	7.92	100	0.50	1.00	16.31	319.22	0.55	5.71	65.9	1854.96	Brown
8:35 AM	7.92	100	0.50	1.50	16.94	332.67	0.13	5.69	66.9	38.01	Clear
8:40 AM	7.92	100	0.50	2.00	17.07	332.79	0.10	5.69	66.5	21.46	Clear
8:45 AM	7.92	100	0.50	2.50	17.21	333.94	0.09	5.70	65.9	21.42	Clear
8:50 AM	7.92	100	0.50	3.00	17.19	334.92	0.10	5.70	67.0	23.34	Clear

SAMPLING DATA			
WELL NO: W-105	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 21.9	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL

Low Flow Groundwater Sample Collection Record

WELL NO: W-106	SAMPLE ID: W-106-2025-Q2	DATE: 4/16/2025 12:54:00 PM
TOTAL WELL DEPTH (feet) (A): 32.65	WATER TABLE DEPTH (feet) (B): 9.97	LENGTH OF WATER COLUMN (feet) (A-B): 22.68
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 24.50 - 29.50 ft	CALCULATED SYSTEM VOLUME (gallons): 3.70
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.15	PURGING START TIME: 4/16/2025 12:25:00 PM
		PURGING END TIME: 4/16/2025 12:52:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:27 PM	9.97	160	0.00	0.00	21.06	301.57	5.91	5.88	-15.4	32.93	Clear
12:32 PM	9.97	160	0.80	0.80	17.86	340.92	0.29	5.75	-28.5	13.80	Clear
12:37 PM	9.97	160	0.80	1.60	18.04	341.53	0.17	5.76	-31.6	24.19	Clear
12:42 PM	9.97	140	0.70	2.30	18.49	345.54	0.17	5.81	-34.3	13.08	Clear
12:47 PM	9.97	140	0.70	3.00	18.82	343.23	0.15	5.83	-35.7	8.79	Clear
12:52 PM	9.97	140	0.70	3.70	18.61	347.55	0.11	5.84	-39.0	15.90	Clear

SAMPLING DATA			
WELL NO: W-106	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 30.15	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-107	SAMPLE ID: W-107-2025-Q2	DATE: 4/22/2025 9:48:00 AM
TOTAL WELL DEPTH (feet) (A): 37.35	WATER TABLE DEPTH (feet) (B): 6.64	LENGTH OF WATER COLUMN (feet) (A-B): 30.71
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 29.00 - 34.00 ft	CALCULATED SYSTEM VOLUME (gallons): 5.01
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 34.85	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 34.85	PURGING START TIME: 4/22/2025 9:25:00 AM
		PURGING END TIME: 4/22/2025 9:46:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:26 AM	6.64			0.00	20.24	71.28	0.00	6.20	43.9	21.40	Clear
9:31 AM	6.64	120	0.60	0.60	17.86	70.85	0.00	5.83	73.3	10.02	Clear
9:36 AM	6.64	120	0.60	1.20	17.77	70.93	0.00	5.83	72.8	17.16	Clear
9:41 AM	6.64	120	0.60	1.80	17.85	70.95	0.00	5.83	66.6	7.35	Clear
9:46 AM	6.64	120	0.60	2.40	18.01	70.70	0.00	5.85	68.4	19.12	Clear

SAMPLING DATA			
WELL NO: W-107	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 34.85	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-108	SAMPLE ID: W-108-2025-Q2	DATE: 4/21/2025 9:09:00 AM
TOTAL WELL DEPTH (feet) (A): 35.87	WATER TABLE DEPTH (feet) (B): 6.92	LENGTH OF WATER COLUMN (feet) (A-B): 28.95
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 27.00 - 32.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.72
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 33.37	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33.37	PURGING START TIME: 4/21/2025 8:46:00 AM
		PURGING END TIME: 4/21/2025 9:07:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:47 AM	6.92	120	0.00	0.00	18.18	50.48	0.00	6.76	117.4	35.83	Clear
8:52 AM	6.92	120	0.60	0.60	17.11	42.39	0.00	5.81	111.1	10.83	Clear
8:57 AM	6.92	120	0.60	1.20	17.06	42.45	0.00	5.81	110.4	10.28	Clear
9:02 AM	6.92	120	0.60	1.80	17.09	42.54	0.00	5.81	108.5	10.30	Clear
9:07 AM	6.92	120	0.60	2.40	17.13	42.61	0.00	5.78	105.8	12.23	Clear

SAMPLING DATA			
WELL NO: W-108	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 33.37		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL

Low Flow Groundwater Sample Collection Record

WELL NO: W-109		SAMPLE ID: W-109-2025-Q2		DATE: 4/21/2025 11:10:00 AM	
TOTAL WELL DEPTH (feet) (A): 34.98		WATER TABLE DEPTH (feet) (B): 7.08		LENGTH OF WATER COLUMN (feet) (A-B): 27.90	
CASING DIAMETER / MATL: 2 in, PVC		WELL SCREEN INTERVAL DEPTH: 27.00 - 32.00 ft		CALCULATED SYSTEM VOLUME (gallons): 4.55	
PURGING DATA					
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.48		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.48		PURGING START TIME: 4/21/2025 10:31:00 AM	
				PURGING END TIME: 4/21/2025 11:08:00 AM	
				PUMP TYPE: Low flow (pump type: Peristaltic)	

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:33 AM	7.09	160	0.00	0.00	23.74	51.65	0.00	5.67	71.1	31.11	Clear
10:38 AM	7.10	160	0.80	0.80	18.90	70.47	0.00	5.39	26.3	25.78	Clear
10:43 AM	7.10	160	0.80	1.60	19.29	71.08	0.00	5.41	16.5	19.13	Clear
10:48 AM	7.01	160	0.80	2.40	19.26	71.23	0.00	5.40	0.9	14.50	Clear
10:53 AM	7.10	160	0.80	3.20	19.34	71.46	0.00	5.41	-0.9	10.08	Clear
10:58 AM	7.10	160	0.80	4.00	19.02	71.68	0.00	5.44	-12.7	3.70	Clear
11:03 AM	7.10	160	0.80	4.80	19.34	71.48	0.00	5.50	-19.4	3.34	Clear
11:08 AM	7.10	160	0.80	5.60	19.32	71.31	0.00	5.51	-21.4	2.33	Clear

SAMPLING DATA			
WELL NO: W-109	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 32.48		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-110	SAMPLE ID: W-110-2025-Q2	DATE: 4/21/2025 1:30:00 PM
TOTAL WELL DEPTH (feet) (A): 36.93	WATER TABLE DEPTH (feet) (B): 7.59	LENGTH OF WATER COLUMN (feet) (A-B): 29.34
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 29.00 - 34.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.79
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 34.4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 34.4	PURGING START TIME: 4/21/2025 1:00:00 PM
		PURGING END TIME: 4/21/2025 1:25:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:05 PM	7.60	100	0.50	0.50	20.67	21.38	0.20	4.89	187.8	10.51	Clear
1:10 PM	7.60	100	0.50	1.00	19.97	21.30	0.16	4.89	184.7	8.33	Clear
1:15 PM	7.60	100	0.50	1.50	20.09	21.31	0.14	4.90	183.4	5.87	Clear
1:20 PM	7.60	100	0.50	2.00	20.59	21.29	0.13	4.90	183.8	5.35	Clear
1:25 PM	7.60	100	0.50	2.50	20.30	21.32	0.11	4.91	182.2	2.29	Clear

SAMPLING DATA			
WELL NO: W-110	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 34.4	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL

Low Flow Groundwater Sample Collection Record

WELL NO: W-111	SAMPLE ID: W-111-2025-Q2	DATE: 4/22/2025 10:20:00 AM
TOTAL WELL DEPTH (feet) (A): 84.47	WATER TABLE DEPTH (feet) (B): 4.96	LENGTH OF WATER COLUMN (feet) (A-B): 79.51
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 76.00 - 81.00 ft	CALCULATED SYSTEM VOLUME (gallons): 12.98
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 81.9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 81.9	PURGING START TIME: 4/22/2025 9:25:00 AM
		PURGING END TIME: 4/22/2025 10:15:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:30 AM	4.97	100	0.50	0.50	18.24	20.57	3.89	5.36	205.7	0.00	Clear
9:35 AM	4.97	100	0.50	1.00	18.45	20.46	3.82	5.35	210.3	0.00	Clear
9:40 AM	4.97	100	0.50	1.50	18.34	20.42	3.77	5.34	215.6	0.00	Clear
9:45 AM	4.97	100	0.50	2.00	18.60	21.01	1.99	5.19	184.8	0.00	Clear
9:50 AM	4.97	100	0.50	2.50	18.58	21.07	1.44	5.17	168.5	0.00	Clear
9:55 AM	4.97	100	0.50	3.00	18.60	21.09	1.14	5.15	155.4	0.00	Clear
10:00 AM	4.97	100	0.50	3.50	18.63	21.06	1.20	5.16	150.4	0.00	Clear
10:05 AM	4.97	100	0.50	4.00	18.52	21.05	0.95	5.15	143.5	0.36	Clear
10:10 AM	4.97	100	0.50	4.50	18.46	21.05	0.90	5.15	139.8	0.00	Clear
10:15 AM	4.97	100	0.50	5.00	18.50	21.08	0.83	5.14	136.9	0.00	Clear

SAMPLING DATA			
WELL NO: W-111	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 81.9	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-112	SAMPLE ID: W-112-2025-Q2	DATE: 4/22/2025 8:55:00 AM
TOTAL WELL DEPTH (feet) (A): 36.93	WATER TABLE DEPTH (feet) (B): 7.24	LENGTH OF WATER COLUMN (feet) (A-B): 29.69
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 29.00 - 34.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.85
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 34.4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 34.4	PURGING START TIME: 4/22/2025 8:25:00 AM
		PURGING END TIME: 4/22/2025 8:50:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:30 AM	7.24	100	0.50	0.50	17.73	184.30	0.47	6.16	-54.3	64.80	Clear
8:35 AM	7.24	100	0.50	1.00	17.75	184.16	0.44	6.15	-53.4	27.73	Clear
8:40 AM	7.24	100	0.50	1.50	17.79	184.98	0.33	6.15	-54.4	6.81	Clear
8:45 AM	7.24	100	0.50	2.00	17.83	184.85	0.28	6.15	-56.1	2.21	Clear
8:50 AM	7.24	100	0.50	2.50	17.84	185.31	0.23	6.16	-57.2	6.15	Clear

SAMPLING DATA			
WELL NO: W-112	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 34.4	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL

Low Flow Groundwater Sample Collection Record

WELL NO: W-113		SAMPLE ID: W-113-2025-Q2		DATE: 4/2/2025 9:45:00 AM	
TOTAL WELL DEPTH (feet) (A): 39.55		WATER TABLE DEPTH (feet) (B): 10.20		LENGTH OF WATER COLUMN (feet) (A-B): 29.35	
CASING DIAMETER / MATL: 2 in, PVC		WELL SCREEN INTERVAL DEPTH: 31.00 - 36.00 ft		CALCULATED SYSTEM VOLUME (gallons): 4.79	
PURGING DATA					
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 36.55		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 36.55		PURGING START TIME: 4/2/2025 8:40:00 AM	
				PURGING END TIME: 4/2/2025 9:40:00 AM	
				PUMP TYPE: Low flow (pump type: Peristaltic)	

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:45 AM	10.53	100		0.00	17.19	101.93	1.88	5.77	21.5	7.17	Clear
8:50 AM	10.77	100	0.50	0.50	16.99	100.22	1.53	5.75	78.8	1.16	clear
8:55 AM	11.04	100	0.50	1.00	17.07	96.99	1.34	5.74	42.8	1.29	clear
9:00 AM	11.20	100	0.50	1.50	17.10	96.65	1.27	5.73	50.4	2.48	clear
9:05 AM	11.37	100	0.50	2.00	17.16	95.30	1.21	5.72	60.8	13.21	clear
9:10 AM	11.50	100	0.50	2.50	17.20	94.74	1.20	5.71	65.2	16.62	clear
9:15 AM	11.62	100	0.50	3.00	17.29	92.57	1.10	5.69	89.9	32.95	clear
9:20 AM	11.70	100	0.50	3.50	17.35	93.59	1.12	5.71	84.0	42.53	clear
9:25 AM	11.77	100	0.50	4.00	17.15	94.11	1.15	5.72	85.2	52.59	clear
9:30 AM	11.83	100	0.50	4.50	17.20	92.48	1.11	5.71	104.6	55.73	clear
9:35 AM	11.87	100	0.50	5.00	17.28	92.43	1.07	5.71	108.2	64.49	clear
9:40 AM	11.90	100	0.50	5.50	17.27	91.22	1.06	5.69	103.5	71.96	clear

SAMPLING DATA			
WELL NO: W-113	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 36.55	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly		Fluoride,Nitrate	ROG-CAL-C
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-114	SAMPLE ID: W-114-2025-Q2	DATE: 4/2/2025 10:55:00 AM
TOTAL WELL DEPTH (feet) (A): 23.68	WATER TABLE DEPTH (feet) (B): 9.62	LENGTH OF WATER COLUMN (feet) (A-B): 14.06
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 20.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.29
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 18.55	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 18.55	PURGING START TIME: 4/2/2025 10:00:00 AM
		PURGING END TIME: 4/2/2025 10:50:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:00 AM	9.78	100	0.50	0.50	17.08	95.66	2.69	5.55	116.2	2619.60	clear
10:05 AM	9.88	100	0.50	1.00	16.70	97.38	2.45	5.53	114.5	194.57	clear
10:10 AM	9.94	100	0.50	1.50	16.67	97.22	2.42	5.54	119.1	233.02	clear
10:15 AM	9.95	100	0.50	2.00	16.66	97.12	2.42	5.54	120.7	163.42	clear
10:20 AM	9.98	100	0.50	2.50	16.59	97.98	2.40	5.55	115.1	91.35	clear
10:25 AM	9.98	100	0.50	3.00	16.66	96.41	2.38	5.54	130.4	38.29	clear
10:30 AM	9.98	100	0.50	3.50	16.67	94.70	2.37	5.54	131.9	28.57	clear
10:35 AM	9.98	100	0.50	4.00	16.72	94.08	2.37	5.53	135.0	22.26	clear
10:40 AM	9.98	100	0.50	4.50	16.68	93.23	2.39	5.53	135.4	15.87	clear
10:45 AM	9.98	100	0.50	5.00	16.70	92.66	2.39	5.52	138.5	13.10	clear
10:50 AM	9.98	100	0.50	5.50	16.69	90.83	2.40	5.51	145.2	11.11	clear

SAMPLING DATA			
WELL NO: W-114	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 18.55	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly		Fluoride,Nitrate	ROG-CAL-C
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-115	SAMPLE ID: W-115-2025-Q2	DATE: 4/2/2025 11:50:00 AM
TOTAL WELL DEPTH (feet) (A): 48.00	WATER TABLE DEPTH (feet) (B): 18.76	LENGTH OF WATER COLUMN (feet) (A-B): 29.24
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 40.50 - 45.50 ft	CALCULATED SYSTEM VOLUME (gallons): 4.77
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 45.85	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 45.85	PURGING START TIME: 4/2/2025 11:15:00 AM
		PURGING END TIME: 4/2/2025 11:45:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:20 AM	18.84	100	0.50	0.50	18.32	90.15	4.77	5.21	161.8	3.84	clear
11:25 AM	18.85	100	0.50	1.00	18.22	89.06	4.00	5.34	155.6	0.00	clear
11:30 AM	18.86	100	0.50	1.50	18.29	88.53	3.93	5.34	156.2	0.00	clear
11:35 AM	18.86	100	0.50	2.00	18.34	87.96	3.48	5.40	158.3	0.00	clear
11:40 AM	18.86	100	0.50	2.50	18.44	87.38	3.53	5.39	159.2	0.00	clear
11:45 AM	18.86	100	0.50	3.00	18.56	88.04	3.46	5.37	158.9	0.00	clear

SAMPLING DATA			
WELL NO: W-115	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 45.85	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly		Fluoride,Nitrate	ROG-CAL-C
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-116	SAMPLE ID: W-116-2025-Q2	DATE: 4/2/2025 12:45:00 PM
TOTAL WELL DEPTH (feet) (A): 23.20	WATER TABLE DEPTH (feet) (B): 18.46	LENGTH OF WATER COLUMN (feet) (A-B): 4.74
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 20.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.77
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20.83	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20.83	PURGING START TIME: 4/2/2025 12:15:00 PM
		PURGING END TIME: 4/2/2025 12:40:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:20 PM	18.66	100	0.50	0.50	18.62	104.24	7.48	4.89	170.7	11.63	clear
12:25 PM	18.66	100	0.50	1.00	18.82	104.13	7.49	4.85	167.1	1.15	clear
12:30 PM	18.66	100	0.50	1.50	18.97	103.66	7.47	4.87	172.6	0.00	clear
12:35 PM	18.66	100	0.50	2.00	18.92	103.48	7.37	4.87	175.6	0.00	clear
12:40 PM	18.66	100	0.50	2.50	18.88	103.16	7.38	4.86	176.4	0.00	clear

SAMPLING DATA			
WELL NO: W-116	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 20.83	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly		Fluoride,Nitrate	ROG-CAL-C
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-117	SAMPLE ID: W-117-2025-Q2	DATE: 4/2/2025 1:40:00 PM
TOTAL WELL DEPTH (feet) (A): 47.35	WATER TABLE DEPTH (feet) (B): 22.68	LENGTH OF WATER COLUMN (feet) (A-B): 24.67
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 39.00 - 44.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.03
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 44.23	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 44.23	PURGING START TIME: 4/2/2025 1:05:00 PM
		PURGING END TIME: 4/2/2025 1:35:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:10 PM	22.70	100	0.50	0.50	19.63	76.70	3.48	5.40	164.9	1.98	clear
1:15 PM	22.70	100	0.50	1.00	19.87	76.69	3.43	5.41	165.9	0.00	clear
1:20 PM	22.70	100	0.50	1.50	19.81	76.62	3.45	5.41	163.5	0.00	clear
1:25 PM	22.70	100	0.50	2.00	20.58	77.12	3.79	5.39	167.1	0.00	clear
1:30 PM	22.70	100	0.50	2.50	20.89	77.27	3.79	5.39	167.1	0.00	clear
1:35 PM	22.70	100	0.50	3.00	21.18	76.24	3.81	5.39	163.4	0.00	clear

SAMPLING DATA			
WELL NO: W-117	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 44.23	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly		Fluoride,Nitrate	ROG-CAL-C
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-118	SAMPLE ID: W-118-2025-Q2	DATE: 4/2/2025 2:30:00 PM
TOTAL WELL DEPTH (feet) (A): 32.53	WATER TABLE DEPTH (feet) (B): 13.40	LENGTH OF WATER COLUMN (feet) (A-B): 19.13
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 19.50 - 29.50 ft	CALCULATED SYSTEM VOLUME (gallons): 3.12
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27.45	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.45	PURGING START TIME: 4/2/2025 2:00:00 PM
		PURGING END TIME: 4/2/2025 2:25:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:05 PM	20.89	100	0.50	0.50	22.08	80.12	5.19	5.12	176.4	3.69	clear
2:10 PM	20.89	100	0.50	1.00	20.64	81.19	1.36	5.09	167.6	0.00	clear
2:15 PM	20.89	100	0.50	1.50	20.91	82.38	1.32	5.10	167.7	0.00	clear
2:20 PM	20.89	100	0.50	2.00	21.28	82.17	1.30	5.09	167.1	0.00	clear
2:25 PM	20.89	100	0.50	2.50	21.54	82.18	1.29	5.10	168.3	0.00	clear

SAMPLING DATA			
WELL NO: W-118	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 27.45	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly		Fluoride,Nitrate	ROG-CAL-C
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-119	SAMPLE ID: W-119-2025-Q2	DATE: 4/14/2025 10:16:00 AM
TOTAL WELL DEPTH (feet) (A): 33.03	WATER TABLE DEPTH (feet) (B): 16.27	LENGTH OF WATER COLUMN (feet) (A-B): 16.76
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 25.00 - 30.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.74
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.53	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.53	PURGING START TIME: 4/14/2025 9:37:00 AM
		PURGING END TIME: 4/14/2025 10:15:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:40 AM	16.29	120	0.00	0.00	19.21	69.26	6.13	5.18	30.4	5.15	Clear
9:45 AM	16.29	120	0.60	0.60	18.80	71.24	0.77	5.09	52.5	0.00	Clear
9:50 AM	16.29	120	0.60	1.20	19.08	71.21	0.53	5.07	56.1	0.00	Clear
9:55 AM	16.29	120	0.60	1.80	19.15	70.83	0.39	5.07	69.8	0.00	Clear
10:00 AM	16.29	120	0.60	2.40	19.34	70.79	0.31	5.07	84.9	0.00	Clear
10:05 AM	16.29	120	0.60	3.00	19.53	70.58	0.30	5.06	80.2	0.00	Clear
10:10 AM	16.29	120	0.60	3.60	19.41	70.74	0.28	5.06	74.3	0.00	Clear
10:15 AM	16.29	120	0.60	4.20	19.53	70.53	0.25	5.06	71.1	0.00	Clear

SAMPLING DATA			
WELL NO: W-119	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 30.53		DUPLICATE: W-119-2025-Q2-DUP
FIELD EQUIPMENT USED: Field param meter: Aquatrol 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-120	SAMPLE ID: W-120-2025-Q2	DATE: 4/14/2025 1:20:00 PM
TOTAL WELL DEPTH (feet) (A): 37.36	WATER TABLE DEPTH (feet) (B): 14.65	LENGTH OF WATER COLUMN (feet) (A-B): 22.71
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 29.00 - 34.00 ft	CALCULATED SYSTEM VOLUME (gallons): 3.71
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 34.38	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 34.38	PURGING START TIME: 4/14/2025 12:50:00 PM
		PURGING END TIME: 4/14/2025 1:15:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:55 PM	14.81	100	0.50	0.50	23.00	130.53	0.35	5.45	212.5	0.00	Clear
1:00 PM	14.80	100	0.50	1.00	23.36	125.81	0.36	5.47	214.3	0.00	Clear
1:05 PM	14.80	100	0.50	1.50	23.26	121.94	0.22	5.45	217.3	0.00	Clear
1:10 PM	14.80	100	0.50	2.00	23.21	123.66	0.21	5.47	219.0	0.00	Clear
1:15 PM	14.80	100	0.50	2.50	23.13	123.08	0.18	5.46	221.4	0.00	Clear

SAMPLING DATA			
WELL NO: W-120	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 34.38	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-121	SAMPLE ID: W-121-2025-Q2	DATE: 4/14/2025 2:25:00 PM
TOTAL WELL DEPTH (feet) (A): 25.34	WATER TABLE DEPTH (feet) (B): 14.72	LENGTH OF WATER COLUMN (feet) (A-B): 10.62
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 12.00 - 22.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.73
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20.23	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20.23	PURGING START TIME: 4/14/2025 1:35:00 PM
		PURGING END TIME: 4/14/2025 2:20:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:40 PM	14.92	100	0.50	0.50	21.41	63.35	2.52	5.06	404.6	0.00	Clear
1:45 PM	14.92	100	0.50	1.00	22.16	64.33	2.35	5.06	441.3	0.00	Clear
1:50 PM	14.92	100	0.50	1.50	21.88	65.20	2.14	5.06	452.7	0.00	Clear
1:55 PM	14.92	100	0.50	2.00	21.85	66.12	2.03	5.06	470.0	0.00	Clear
2:00 PM	14.92	100	0.50	2.50	21.89	66.77	1.98	5.06	484.4	0.00	Clear
2:05 PM	14.92	100	0.50	3.00	21.62	66.66	1.84	5.06	494.0	0.00	Clear
2:10 PM	14.92	100	0.50	3.50	21.50	68.55	1.68	5.05	498.1	0.00	Clear
2:15 PM	14.92	100	0.50	4.00	21.61	70.42	1.51	5.05	493.5	0.00	Clear
2:20 PM	14.92	100	0.50	4.50	21.84	68.60	1.51	5.04	496.9	0.00	Clear

SAMPLING DATA			
WELL NO: W-121	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 20.23	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-122	SAMPLE ID: W-122-2025-Q2	DATE: 4/9/2025 2:06:00 PM
TOTAL WELL DEPTH (feet) (A): 33.07	WATER TABLE DEPTH (feet) (B): 8.98	LENGTH OF WATER COLUMN (feet) (A-B): 24.09
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 25.00 - 30.00 ft	CALCULATED SYSTEM VOLUME (gallons): 3.93
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.57	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.57	PURGING START TIME: 4/9/2025 1:37:00 PM
		PURGING END TIME: 4/9/2025 2:04:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:39 PM	9.30	120	0.00	0.00	25.54	9.65	7.68	5.97	43.5	50.81	Clear
1:44 PM	9.50	120	0.60	0.60	19.86	27.41	1.73	5.52	31.6	12.72	Clear
1:49 PM	9.50	120	0.60	1.20	19.74	27.23	1.47	5.54	35.1	5.11	Clear
1:54 PM	9.55	120	0.60	1.80	19.72	27.13	1.26	5.57	33.3	2.01	Clear
1:59 PM	9.55	120	0.60	2.40	19.70	26.98	1.13	5.57	32.1	5.14	Clear
2:04 PM	9.55	120	0.60	3.00	19.83	26.91	1.07	5.58	31.9	2.42	Clear

SAMPLING DATA			
WELL NO: W-122	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 30.57		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-123	SAMPLE ID: W-123-2025-Q2	DATE: 4/7/2025 9:57:00 AM
TOTAL WELL DEPTH (feet) (A): 34.58	WATER TABLE DEPTH (feet) (B): 13.85	LENGTH OF WATER COLUMN (feet) (A-B): 20.73
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 29.00 - 34.00 ft	CALCULATED SYSTEM VOLUME (gallons): 3.38
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.08	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.08	PURGING START TIME: 4/7/2025 9:28:00 AM
		PURGING END TIME: 4/7/2025 9:55:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:30 AM	14.03	100	0.50	0.50	23.63	163.51	8.00	6.35	102.0	0.00	Clear
9:35 AM	14.09	100	0.50	1.00	21.02	1076.45	0.68	7.55	83.7	0.78	Clear
9:40 AM	14.11	100	0.50	1.50	21.07	1076.28	0.43	7.58	82.6	1.50	Clear
9:45 AM	14.13	100	0.50	2.00	21.18	1076.91	0.30	7.59	80.5	2.74	Clear
9:50 AM	14.13	100	0.50	2.50	21.29	1074.04	0.23	7.60	78.1	6.10	Clear
9:55 AM	14.13	100	0.50	3.00	21.34	1076.18	0.20	7.61	75.3	10.10	Clear

SAMPLING DATA			
WELL NO: W-123	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 32.08		DUPLICATE: W-123-2025-Q2-DUP
FIELD EQUIPMENT USED: Field param meter: Aquatroll600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL



GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-124	SAMPLE ID: W-124-2025-Q2	DATE: 4/18/2025 10:46:00 AM
TOTAL WELL DEPTH (feet) (A): 33.55	WATER TABLE DEPTH (feet) (B): 8.87	LENGTH OF WATER COLUMN (feet) (A-B): 24.68
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 26.00 - 31.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.03
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31.05	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 31.05	PURGING START TIME: 4/18/2025 10:18:00 AM
		PURGING END TIME: 4/18/2025 10:44:00 AM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:19 AM	8.89	120	0.00	0.00	23.35	82.99	6.87	5.48	91.4	43.15	Clear
10:24 AM	8.90	140	0.70	0.70	19.05	105.16	0.44	5.14	102.2	11.31	Clear
10:29 AM	8.90	140	0.70	1.40	19.27	110.85	0.24	5.34	90.0	5.98	Clear
10:34 AM	8.90	140	0.70	2.10	19.18	110.92	0.18	5.38	79.0	1.69	Clear
10:39 AM	8.90	140	0.70	2.80	19.38	109.58	0.15	5.39	71.6	11.21	Clear
10:44 AM	8.90	140	0.70	3.50	19.37	108.34	0.12	5.37	70.7	5.39	Clear

SAMPLING DATA			
WELL NO: W-124	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 31.05		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL

Low Flow Groundwater Sample Collection Record

WELL NO: W-125	SAMPLE ID: W-125-2025-Q2	DATE: 4/17/2025 2:08:00 PM
TOTAL WELL DEPTH (feet) (A): 47.60	WATER TABLE DEPTH (feet) (B): 9.20	LENGTH OF WATER COLUMN (feet) (A-B): 38.40
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 40.00 - 45.00 ft	CALCULATED SYSTEM VOLUME (gallons): 6.27
PURGING DATA		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 45.1	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 45.1	PURGING START TIME: 4/17/2025 1:39:00 PM
		PURGING END TIME: 4/17/2025 2:06:00 PM
		PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:41 PM	9.20			0.00	25.19	211.80	6.54	6.08	56.7	14.52	Clear
1:46 PM	9.20	140	0.70	0.70	19.31	348.12	0.54	5.76	-29.1	27.17	Clear
1:51 PM	9.20	120	0.60	1.30	19.20	347.83	0.30	5.75	-41.9	28.59	Clear
1:56 PM	9.20	120	0.60	1.90	19.14	348.61	0.24	5.76	-47.9	12.17	Clear
2:01 PM	9.20	120	0.60	2.50	18.92	352.06	0.17	5.77	-53.9	13.86	Clear
2:06 PM	9.20	120	0.60	3.10	19.06	350.90	0.14	5.79	-57.8	19.70	Clear

SAMPLING DATA			
WELL NO: W-125	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 45.1	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 746922 WL/int meter: Solinst 101 # 322134		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL

Low Flow Groundwater Sample Collection Record

WELL NO: W-126		SAMPLE ID: W-126-2025-Q2		DATE: 4/18/2025 11:50:00 AM	
TOTAL WELL DEPTH (feet) (A): 46.60		WATER TABLE DEPTH (feet) (B): 7.26		LENGTH OF WATER COLUMN (feet) (A-B): 39.34	
CASING DIAMETER / MATL: 2 in, PVC		WELL SCREEN INTERVAL DEPTH: 37.50 - 42.50 ft		CALCULATED SYSTEM VOLUME (gallons): 6.42	
PURGING DATA					
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 42.34		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 42.34		PURGING START TIME: 4/18/2025 10:45:00 AM	
				PURGING END TIME: 4/18/2025 11:45:00 AM	
				PUMP TYPE: Low flow (pump type: Peristaltic)	

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:50 AM	7.27	100	0.50	0.50	18.93	44.94	1.18	6.13	112.6	3.35	Clear
10:55 AM	7.27	100	0.50	1.00	19.44	47.00	1.18	6.14	86.5	2.89	Clear
11:00 AM	7.27	100	0.50	1.50	19.48	71.72	0.33	6.35	-44.5	9.09	Clear
11:05 AM	7.27	100	0.50	2.00	19.49	75.16	0.21	6.38	-59.9	8.82	Clear
11:10 AM	7.27	100	0.50	2.50	19.80	76.75	0.21	6.37	-66.0	8.29	Clear
11:15 AM	7.27	100	0.50	3.00	19.75	80.39	0.19	6.33	-66.6	7.11	Clear
11:20 AM	7.27	100	0.50	3.50	19.86	91.66	0.16	6.25	-65.0	6.63	Clear
11:25 AM	7.27	100	0.50	4.00	19.85	106.74	0.14	6.15	-58.3	7.16	Clear
11:30 AM	7.27	100	0.50	4.50	19.92	152.49	0.12	5.95	-37.2	0.72	Clear
11:35 AM	7.27	100	0.50	5.00	20.08	176.97	0.10	5.93	-30.8	26.99	Clear
11:40 AM	7.27	100	0.50	5.50	20.12	179.37	0.10	5.93	-29.7	32.45	Clear
11:45 AM	7.27	100	0.50	6.00	20.21	182.60	0.10	5.93	-28.8	30.42	Clear

SAMPLING DATA			
WELL NO: W-126	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 42.34	DUPLICATE:	
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 870146 WL/int meter: Heron Dipper-T # 150		REMARKS:	
NOTES: STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: pH: + 1.0 units Temperature: + 3% Specific Conductance: + 3% Dissolved Oxygen: optionally, + 0.2 mg/L or + 10% (whichever is greater) ORP: + 10 mV Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)			

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride 300.0	GEL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Nitrate 353.2	GEL
3	40 ml	VOA vial	HCl	Select VOCs	GEL

April 18, 2025

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

Re: Ground Water Well Liquid Analysis
Work Order: 717521

Dear Diana Joyner:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on April 04, 2025. 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.

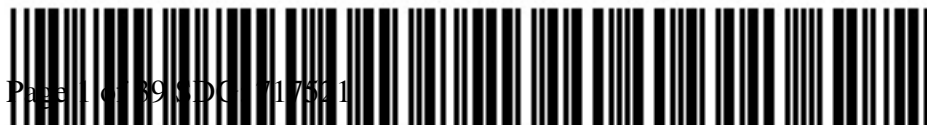
Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without 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,

Abigail Martin for
Delaney Stonesmith
Project Manager

Purchase Order: 4500901437
Enclosures



GEL LABORATORIES LLC

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

Certificate of Analysis Report for

WNUC012 Westinghouse Electric (4500901437)

Client SDG: 717521 GEL Work Order: 717521

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
- B Either presence of analyte detected in the associated blank, or MDL/IDL < sample value < PQL
- J Value is estimated
- Q SC certification for analyte-method was not held by lab.
- Q SCDES certification for analyte-method was not held by lab.
- 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: April 18, 2025

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-7A-2025-Q2
Sample ID: 717521001
Matrix: Ground Water
Collect Date: 03-APR-25 11:55
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		12.1	3.30	10.0	mg/L		100	TXT1	04/04/25	2121	2776680	1
Nitrate-N		196	3.30	10.0	mg/L		100					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	PRB	04/17/25	1853	2777070	2
Uranium-238		0.556	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	PRB	04/18/25	1130	2777070	3
Calculation for Total U "See Parent Products"												
Total Uranium		0.556	0.0670	0.200	ug/L			BAJ	04/18/25	1342	2784068	4
Semi-Volatile-GC/MS												
8270 BNA "As Received"												
Naphthalene	U	ND	0.300	1.00	ug/L	0.00100	1	LL2	04/11/25	1651	2778871	5
Tributylphosphate	U	ND	3.00	10.0	ug/L	0.00100	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	J	0.790	0.333	1.00	ug/L		1	AXH5	04/16/25	1204	2782554	6
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HS2	04/14/25	1510	2777069
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/10/25	1058	2778870

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: April 18, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-7A-2025-Q2
Sample ID: 717521001

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	SW846 3510C/8270E	
6	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	8270 BNA "As Received"	75.9 ug/L	100	76	(31%-126%)
Phenol-d5	8270 BNA "As Received"	20.8 ug/L	100	21	(15%-85%)
2-Fluorophenol	8270 BNA "As Received"	29.9 ug/L	100	30	(15%-72%)
Nitrobenzene-d5	8270 BNA "As Received"	28.9 ug/L	50.0	58	(34%-107%)
2-Fluorobiphenyl	8270 BNA "As Received"	33.4 ug/L	50.0	67	(35%-107%)
p-Terphenyl-d14	8270 BNA "As Received"	21.0 ug/L	50.0	42	(20%-118%)
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	46.9 ug/L	50.0	94	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	43.1 ug/L	50.0	86	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	51.6 ug/L	50.0	103	(77%-121%)

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: April 18, 2025

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-10-2025-Q2
Sample ID: 717521002
Matrix: Ground Water
Collect Date: 03-APR-25 12:55
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		2.45	0.0330	0.100	mg/L		1	TXT1	04/05/25	0550	2776680	1
Nitrate-N		13.0	0.165	0.500	mg/L		5	TXT1	04/05/25	1006	2776680	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	PRB	04/17/25	1900	2777070	3
Uranium-238	J	0.0743	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	PRB	04/18/25	1136	2777070	4
Calculation for Total U "See Parent Products"												
Total Uranium	J	0.0743	0.0670	0.200	ug/L			BAJ	04/18/25	1342	2784068	5
Semi-Volatile-GC/MS												
8270 BNA "As Received"												
Naphthalene	U	ND	0.300	1.00	ug/L	0.00100	1	LL2	04/11/25	1715	2778871	6
Tributylphosphate	U	ND	3.00	10.0	ug/L	0.00100	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	AXH5	04/16/25	1229	2782554	7
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HS2	04/14/25	1510	2777069
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/10/25	1058	2778870

GEL LABORATORIES LLC

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Certificate of Analysis

Report Date: April 18, 2025

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-10-2025-Q2
Sample ID: 717521002

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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The following Analytical Methods were performed:

Method	Description	Analyst	Comments
1	EPA 300.0		
2	EPA 300.0		
3	EPA 200.8		
4	EPA 200.8		
5	EPA 200.8		
6	SW846 3510C/8270E		
7	SW846 8260D SC_NPDES		

Surrogate/Tracer	Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol		8270 BNA "As Received"	55.4 ug/L	100	55	(31%-126%)
Phenol-d5		8270 BNA "As Received"	14.6 ug/L	100	15	(15%-85%)
2-Fluorophenol		8270 BNA "As Received"	20.5 ug/L	100	20	(15%-72%)
Nitrobenzene-d5		8270 BNA "As Received"	24.2 ug/L	50.0	48	(34%-107%)
2-Fluorobiphenyl		8270 BNA "As Received"	26.6 ug/L	50.0	53	(35%-107%)
p-Terphenyl-d14		8270 BNA "As Received"	17.4 ug/L	50.0	35	(20%-118%)
Bromofluorobenzene		SW846 8260 Volatiles "As Received"	46.5 ug/L	50.0	93	(74%-123%)
1,2-Dichloroethane-d4		SW846 8260 Volatiles "As Received"	44.1 ug/L	50.0	88	(76%-127%)
Toluene-d8		SW846 8260 Volatiles "As Received"	51.8 ug/L	50.0	104	(77%-121%)

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

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Certificate of Analysis

Report Date: April 18, 2025

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-11-2025-Q2
Sample ID: 717521003
Matrix: Ground Water
Collect Date: 03-APR-25 10:50
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Nitrate-N		15.8	1.65	5.00	mg/L		50	TXT1	04/04/25	1914	2776680	1
Fluoride	U	ND	0.0330	0.100	mg/L		1	TXT1	04/05/25	0654	2776680	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	PRB	04/17/25	1901	2777070	3
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	PRB	04/18/25	1137	2777070	4
Calculation for Total U "See Parent Products"												
Total Uranium	U	ND	0.0670	0.200	ug/L			BAJ	04/18/25	1342	2784068	5
Semi-Volatile-GC/MS												
8270 BNA "As Received"												
Naphthalene	U	ND	0.300	1.00	ug/L	0.00100	1	LL2	04/11/25	1738	2778871	6
Tributylphosphate	U	ND	3.00	10.0	ug/L	0.00100	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene		42.0	0.333	1.00	ug/L		1	AXH5	04/16/25	1254	2782554	7
Trichloroethylene		5.50	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene		4.19	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/10/25	1058	2778870
EPA 200.2	ICP-MS 200.2 PREP	HS2	04/14/25	1510	2777069

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

Certificate of Analysis

Report Date: April 18, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-11-2025-Q2
Sample ID: 717521003

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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The following Analytical Methods were performed:

Method	Description	Analyst	Comments
1	EPA 300.0		
2	EPA 300.0		
3	EPA 200.8		
4	EPA 200.8		
5	EPA 200.8		
6	SW846 3510C/8270E		
7	SW846 8260D SC_NPDES		

Surrogate/Tracer	Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol		8270 BNA "As Received"	64.4 ug/L	100	64	(31%-126%)
Phenol-d5		8270 BNA "As Received"	17.5 ug/L	100	18	(15%-85%)
2-Fluorophenol		8270 BNA "As Received"	26.4 ug/L	100	26	(15%-72%)
Nitrobenzene-d5		8270 BNA "As Received"	25.1 ug/L	50.0	50	(34%-107%)
2-Fluorobiphenyl		8270 BNA "As Received"	29.2 ug/L	50.0	58	(35%-107%)
p-Terphenyl-d14		8270 BNA "As Received"	21.6 ug/L	50.0	43	(20%-118%)
Bromofluorobenzene		SW846 8260 Volatiles "As Received"	48.0 ug/L	50.0	96	(74%-123%)
1,2-Dichloroethane-d4		SW846 8260 Volatiles "As Received"	43.5 ug/L	50.0	87	(76%-127%)
Toluene-d8		SW846 8260 Volatiles "As Received"	50.4 ug/L	50.0	101	(77%-121%)

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: April 18, 2025

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-18R-2025-Q2
Sample ID: 717521004
Matrix: Ground Water
Collect Date: 03-APR-25 14:55
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		7.08	1.65	5.00	mg/L		50	TXT1	04/04/25	2328	2776680	1
Nitrate-N		323	3.30	10.0	mg/L		100	TXT1	04/05/25	0903	2776680	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	J	0.0205	0.0100	0.0700	ug/L	1.00	1	PRB	04/17/25	1902	2777070	3
Uranium-238		1.94	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	PRB	04/18/25	1138	2777070	4
Calculation for Total U "See Parent Products"												
Total Uranium		1.96	0.0670	0.200	ug/L			BAJ	04/18/25	1342	2784068	5
Semi-Volatile-GC/MS												
8270 BNA "As Received"												
Naphthalene	U	ND	0.300	1.00	ug/L	0.00100	1	LL2	04/11/25	1802	2778871	6
Tributylphosphate	U	ND	3.00	10.0	ug/L	0.00100	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene		1.12	0.333	1.00	ug/L		1	AXH5	04/16/25	1320	2782554	7
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HS2	04/14/25	1510	2777069
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/10/25	1058	2778870

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: April 18, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-18R-2025-Q2
Sample ID: 717521004

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 300.0	
3	EPA 200.8	
4	EPA 200.8	
5	EPA 200.8	
6	SW846 3510C/8270E	
7	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	8270 BNA "As Received"	68.1 ug/L	100	68	(31%-126%)
Phenol-d5	8270 BNA "As Received"	18.3 ug/L	100	18	(15%-85%)
2-Fluorophenol	8270 BNA "As Received"	28.3 ug/L	100	28	(15%-72%)
Nitrobenzene-d5	8270 BNA "As Received"	25.9 ug/L	50.0	52	(34%-107%)
2-Fluorobiphenyl	8270 BNA "As Received"	29.9 ug/L	50.0	60	(35%-107%)
p-Terphenyl-d14	8270 BNA "As Received"	28.1 ug/L	50.0	56	(20%-118%)
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	46.7 ug/L	50.0	93	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	43.0 ug/L	50.0	86	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	50.7 ug/L	50.0	101	(77%-121%)

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

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Certificate of Analysis

Report Date: April 18, 2025

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-28-2025-Q2
Sample ID: 717521005
Matrix: Ground Water
Collect Date: 03-APR-25 09:19
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		7.25	1.65	5.00	mg/L		50	TXT1	04/04/25	1946	2776680	1
Nitrate-N		9.11	1.65	5.00	mg/L		50					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	J	0.0214	0.0100	0.0700	ug/L	1.00	1	PRB	04/17/25	1903	2777070	2
Uranium-238		1.03	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	PRB	04/18/25	1139	2777070	3
Calculation for Total U "See Parent Products"												
Total Uranium		1.05	0.0670	0.200	ug/L			BAJ	04/18/25	1342	2784068	4
Semi-Volatile-GC/MS												
8270 BNA "As Received"												
Naphthalene	U	ND	0.300	1.00	ug/L	0.00100	1	LL2	04/11/25	1825	2778871	5
Tributylphosphate	U	ND	3.00	10.0	ug/L	0.00100	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	AXH5	04/16/25	1345	2782554	6
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/10/25	1058	2778870
EPA 200.2	ICP-MS 200.2 PREP	HS2	04/14/25	1510	2777069

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Certificate of Analysis

Report Date: April 18, 2025

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-28-2025-Q2
Sample ID: 717521005

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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The following Analytical Methods were performed:

Method	Description	Analyst	Comments
1	EPA 300.0		
2	EPA 200.8		
3	EPA 200.8		
4	EPA 200.8		
5	SW846 3510C/8270E		
6	SW846 8260D SC_NPDES		

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	8270 BNA "As Received"	76.2 ug/L	100	76	(31%-126%)
Phenol-d5	8270 BNA "As Received"	18.6 ug/L	100	19	(15%-85%)
2-Fluorophenol	8270 BNA "As Received"	26.4 ug/L	100	26	(15%-72%)
Nitrobenzene-d5	8270 BNA "As Received"	28.4 ug/L	50.0	57	(34%-107%)
2-Fluorobiphenyl	8270 BNA "As Received"	33.2 ug/L	50.0	66	(35%-107%)
p-Terphenyl-d14	8270 BNA "As Received"	27.6 ug/L	50.0	55	(20%-118%)
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	45.7 ug/L	50.0	91	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	41.3 ug/L	50.0	83	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	49.3 ug/L	50.0	99	(77%-121%)

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: April 18, 2025

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-29-2025-Q2
Sample ID: 717521006
Matrix: Ground Water
Collect Date: 03-APR-25 12:47
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		4.25	0.660	2.00	mg/L		20	TXT1	04/05/25	0000	2776680	1
Nitrate-N		17.7	0.660	2.00	mg/L		20					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	PRB	04/17/25	1904	2777070	2
Uranium-238		0.532	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	PRB	04/18/25	1140	2777070	3
Calculation for Total U "See Parent Products"												
Total Uranium		0.532	0.0670	0.200	ug/L			BAJ	04/18/25	1342	2784068	4
Semi-Volatile-GC/MS												
8270 BNA "As Received"												
Naphthalene	U	ND	0.300	1.00	ug/L	0.00100	1	LL2	04/11/25	1848	2778871	5
Tributylphosphate	U	ND	3.00	10.0	ug/L	0.00100	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	J	0.530	0.333	1.00	ug/L		1	AXH5	04/16/25	1411	2782554	6
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HS2	04/14/25	1510	2777069
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/10/25	1058	2778870

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

Certificate of Analysis

Report Date: April 18, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-29-2025-Q2
Sample ID: 717521006

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	SW846 3510C/8270E	
6	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	8270 BNA "As Received"	75.8 ug/L	100	76	(31%-126%)
Phenol-d5	8270 BNA "As Received"	17.5 ug/L	100	17	(15%-85%)
2-Fluorophenol	8270 BNA "As Received"	24.6 ug/L	100	25	(15%-72%)
Nitrobenzene-d5	8270 BNA "As Received"	26.1 ug/L	50.0	52	(34%-107%)
2-Fluorobiphenyl	8270 BNA "As Received"	29.1 ug/L	50.0	58	(35%-107%)
p-Terphenyl-d14	8270 BNA "As Received"	27.8 ug/L	50.0	56	(20%-118%)
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	46.6 ug/L	50.0	93	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	43.0 ug/L	50.0	86	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	50.8 ug/L	50.0	102	(77%-121%)

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: April 18, 2025

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-7A-2025-Q2
Sample ID: 717521001
Matrix: Ground Water
Collect Date: 03-APR-25 11:55
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99		141	+/-6.28	4.55	5.00	pCi/L			MJ3	04/15/25	1649	2776758	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			94.3	(15%-125%)								

Notes:

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

Column headers are defined as follows:

DF: Dilution Factor	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

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Certificate of Analysis

Report Date: April 18, 2025

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-10-2025-Q2
Sample ID: 717521002
Matrix: Ground Water
Collect Date: 03-APR-25 12:55
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99		79.7	+/-4.96	4.47	5.00	pCi/L			MJ3	04/15/25	1716	2776758	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			96.3	(15%-125%)								

Notes:

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

Column headers are defined as follows:

DF: Dilution Factor	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

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Certificate of Analysis

Report Date: April 18, 2025

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-11-2025-Q2
Sample ID: 717521003
Matrix: Ground Water
Collect Date: 03-APR-25 10:50
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99		503	+/-11.0	4.47	5.00	pCi/L			MJ3	04/15/25	1742	2776758	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			95.8	(15%-125%)								

Notes:

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

Column headers are defined as follows:

DF: Dilution Factor	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: April 18, 2025

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-18R-2025-Q2
Sample ID: 717521004
Matrix: Ground Water
Collect Date: 03-APR-25 14:55
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99		151	+/-6.50	4.60	5.00	pCi/L			MJ3	04/15/25	1809	2776758	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			93.2	(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

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: April 18, 2025

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-28-2025-Q2
Sample ID: 717521005
Matrix: Ground Water
Collect Date: 03-APR-25 09:19
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	1.55	+/-2.65	4.51	5.00	pCi/L			MJ3	04/15/25	1836	2776758	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			94.8	(15%-125%)								

Notes:

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

Column headers are defined as follows:

DF: Dilution Factor	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: April 18, 2025

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-29-2025-Q2
Sample ID: 717521006
Matrix: Ground Water
Collect Date: 03-APR-25 12:47
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99		10.7	+/-3.02	4.51	5.00	pCi/L			MJ3	04/15/25	1903	2776758	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			94.6	(15%-125%)								

Notes:

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

Column headers are defined as follows:

DF: Dilution Factor	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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QC Summary

Report Date: April 18, 2025

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

Contact:

Workorder: 717521

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Ion Chromatography											
Batch	2776680										
QC1206060419	717521003	DUP									
Fluoride	U	ND	U	ND	mg/L	N/A			TXT1	04/05/25	07:26
Nitrate-N		15.8		16.1	mg/L	1.79	^	(+/-5.00)		04/05/25	02:39
QC1206060337	LCS										
Fluoride	2.50			2.42	mg/L			96.8 (90%-110%)		04/05/25	04:15
Nitrate-N	2.50			2.35	mg/L			94.1 (90%-110%)			
QC1206060336	MB										
Fluoride			U	ND	mg/L					04/05/25	03:43
Nitrate-N			U	ND	mg/L						
QC1206060420	717521003	PS									
Fluoride	2.50	U	ND	2.43	mg/L			97.4 (90%-110%)		04/05/25	07:58
Nitrate-N	2.50	0.316		2.57	mg/L			90.1 (90%-110%)		04/05/25	03:11
Metals Analysis - ICPMS											
Batch	2777070										
QC1206061076	717521001	DUP									
Uranium-234	U	ND	U	ND	ug/L	N/A			PRB	04/18/25	11:31
Uranium-235	U	ND	U	ND	ug/L	N/A				04/17/25	18:54
Uranium-238		0.556		0.519	ug/L	6.94	^	(+/-0.200)			

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QC Summary

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Metals Analysis - ICPMS											
Batch	2777070										
QC1206061075	LCS										
Uranium-238	49.6			49.3	ug/L		99.2	(85%-115%)	PRB	04/17/25	18:50
QC1206061079	LCS										
Uranium-234	0.550			0.569	ug/L		103	(85%-115%)		04/18/25	11:29
QC1206068164	LCS										
Uranium-235	0.350			0.363	ug/L		104	(85%-115%)		04/17/25	18:52
QC1206061074	MB										
Uranium-234			U	ND	ug/L					04/18/25	11:29
Uranium-235			U	ND	ug/L					04/17/25	18:49
Uranium-238			U	ND	ug/L						
QC1206061077	717521001	MS									
Uranium-238	49.6	0.556		48.0	ug/L		95.6	(75%-125%)		04/17/25	18:55
QC1206061080	717521001	MS									
Uranium-234	0.550	U	ND	0.533	ug/L		96.9	(75%-125%)		04/18/25	11:32
QC1206068165	717521001	MS									
Uranium-235	0.350	U	ND	0.347	ug/L		97.8	(75%-125%)		04/17/25	18:56
QC1206061078	717521001	SDILT									
Uranium-234	U	ND	U	ND	ug/L	N/A		(0%-10%)		04/18/25	11:33
Uranium-235	U	ND	U	ND	ug/L	N/A		(0%-10%)		04/17/25	18:57
Uranium-238		0.556		0.316	ug/L	184		(0%-10%)			

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QC Summary

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch	2778871										
QC1206064759 LCS											
Naphthalene	50.0			27.6	ug/L		55	(45%-106%)	LL2	04/11/25	14:52
Tributylphosphate	50.0			34.9	ug/L		70	(52%-133%)			
bis(2-Ethylhexyl)phthalate	50.0			31.6	ug/L		63	(43%-124%)			
**2,4,6-Tribromophenol	100			76.7	ug/L		77	(31%-126%)			
**2-Fluorobiphenyl	50.0			29.8	ug/L		60	(35%-107%)			
**2-Fluorophenol	100			31.3	ug/L		31	(15%-72%)			
**Nitrobenzene-d5	50.0			29.0	ug/L		58	(34%-107%)			
**Phenol-d5	100			21.3	ug/L		21	(15%-85%)			
**p-Terphenyl-d14	50.0			33.9	ug/L		68	(20%-118%)			
QC1206064758 MB											
Naphthalene			U	ND	ug/L					04/11/25	14:29
Tributylphosphate			U	ND	ug/L						
bis(2-Ethylhexyl)phthalate			U	ND	ug/L						
**2,4,6-Tribromophenol	100			88.7	ug/L		89	(31%-126%)			
**2-Fluorobiphenyl	50.0			41.0	ug/L		82	(35%-107%)			

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch	2778871										
**2-Fluorophenol	100			43.7	ug/L		44	(15%-72%)	LL2	04/11/25	14:29
**Nitrobenzene-d5	50.0			40.3	ug/L		81	(34%-107%)			
**Phenol-d5	100			29.3	ug/L		29	(15%-85%)			
**p-Terphenyl-d14	50.0			42.6	ug/L		85	(20%-118%)			
QC1206064762 717839001 MS Naphthalene	103	U	ND	82.4	ug/L		80	(31%-108%)		04/11/25	23:06
Tributylphosphate	103	U	ND	91.3	ug/L		89	(42%-142%)			
bis(2-Ethylhexyl)phthalate	103	J	0.610	81.4	ug/L		78	(32%-128%)			
**2,4,6-Tribromophenol	206		97.7	214	ug/L		104	(31%-126%)			
**2-Fluorobiphenyl	103		42.4	87.4	ug/L		85	(35%-107%)			
**2-Fluorophenol	206		38.0	102	ug/L		50	(15%-72%)			
**Nitrobenzene-d5	103		37.1	77.6	ug/L		75	(34%-107%)			
**Phenol-d5	206		26.1	78.0	ug/L		38	(15%-85%)			
**p-Terphenyl-d14	103		36.6	77.8	ug/L		75	(20%-118%)			
QC1206064763 717839001 MSD Naphthalene	103	U	ND	72.0	ug/L	13	70	(0%-30%)		04/11/25	23:29

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch	2778871										
Tributylphosphate	103	U	ND	84.1	ug/L	8	82	(0%-30%)	LL2	04/11/25	23:29
bis(2-Ethylhexyl)phthalate	103	J	0.610	76.9	ug/L	6	74	(0%-30%)			
**2,4,6-Tribromophenol	206		97.7	205	ug/L		99	(31%-126%)			
**2-Fluorobiphenyl	103		42.4	80.3	ug/L		78	(35%-107%)			
**2-Fluorophenol	206		38.0	90.9	ug/L		44	(15%-72%)			
**Nitrobenzene-d5	103		37.1	69.4	ug/L		67	(34%-107%)			
**Phenol-d5	206		26.1	69.2	ug/L		34	(15%-85%)			
**p-Terphenyl-d14	103		36.6	72.4	ug/L		70	(20%-118%)			
Volatile-GC/MS											
Batch	2782554										
QC1206072383	LCS										
Tetrachloroethylene	50.0			58.2	ug/L		116	(70%-130%)	AXH5	04/16/25	09:56
Trichloroethylene	50.0			53.4	ug/L		107	(76%-126%)			
Vinyl chloride	50.0			48.7	ug/L		97	(63%-144%)			
cis-1,2-Dichloroethylene	50.0			53.4	ug/L		107	(73%-122%)			
**1,2-Dichloroethane-d4	50.0			46.9	ug/L		94	(76%-127%)			

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch	2782554										
**Bromofluorobenzene	50.0			47.9	ug/L		96	(74%-123%)	AXH5	04/16/25	09:56
**Toluene-d8	50.0			53.0	ug/L		106	(77%-121%)			
QC1206072384 MB											
Tetrachloroethylene			U	ND	ug/L					04/16/25	11:11
Trichloroethylene			U	ND	ug/L						
Vinyl chloride			U	ND	ug/L						
cis-1,2-Dichloroethylene			U	ND	ug/L						
**1,2-Dichloroethane-d4	50.0			43.7	ug/L		87	(76%-127%)			
**Bromofluorobenzene	50.0			46.2	ug/L		92	(74%-123%)			
**Toluene-d8	50.0			51.6	ug/L		103	(77%-121%)			
QC1206072385 717521001 MS											
Tetrachloroethylene	50.0	J	0.790	53.3	ug/L		105	(56%-126%)		04/16/25	17:58
Trichloroethylene	50.0	U	ND	48.8	ug/L		98	(61%-130%)			
Vinyl chloride	50.0	U	ND	46.1	ug/L		92	(49%-153%)			
cis-1,2-Dichloroethylene	50.0	U	ND	47.5	ug/L		95	(65%-128%)			
**1,2-Dichloroethane-d4	50.0		43.1	43.2	ug/L		86	(76%-127%)			

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QC Summary

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch	2782554										
**Bromofluorobenzene	50.0	46.9		45.2	ug/L		90	(74%-123%)	AXH5	04/16/25	17:58
**Toluene-d8	50.0	51.6		49.9	ug/L		100	(77%-121%)			
QC1206072386 717521001 MSD											
Tetrachloroethylene	50.0	J	0.790	54.9	ug/L	3	108	(0%-20%)		04/16/25	18:23
Trichloroethylene	50.0	U	ND	49.9	ug/L	2	100	(0%-20%)			
Vinyl chloride	50.0	U	ND	43.3	ug/L	6	87	(0%-20%)			
cis-1,2-Dichloroethylene	50.0	U	ND	50.6	ug/L	6	101	(0%-20%)			
**1,2-Dichloroethane-d4	50.0	43.1		44.6	ug/L		89	(76%-127%)			
**Bromofluorobenzene	50.0	46.9		45.2	ug/L		90	(74%-123%)			
**Toluene-d8	50.0	51.6		50.6	ug/L		101	(77%-121%)			

Notes:

The Qualifiers in this report are defined as follows:

- U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J Value is estimated
- P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, the difference is >70%.
- C Analyte has been confirmed by GC/MS analysis
- B The target analyte was detected in the associated blank.
- E Concentration of the target analyte exceeds the instrument calibration range
- A The TIC is a suspected aldol-condensation product
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- N Metals--The Matrix spike sample recovery is not within specified control limits
- N Organics--Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
H											
**											
<											
>											
h											
R											
Z											
d											
^											
D											
N/A											
ND											
E											
NJ											
E											
JNX											
UJ											
Q											
FB											
N1											
Y											
Y											
R											
N											
e											
I											
FG											
XG											
G											
x											

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

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QC Summary

Report Date: April 18, 2025

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Westinghouse Electric Co. LLC

5801 Bluff Road

Hopkins, South Carolina

Contact: Diana Joyner

Workorder: 717521

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Rad Liquid Scintillation											
Batch	2776758										
QC1206060401	717521002	DUP									
Technetium-99		79.7		83.9	pCi/L	5.17		(0%-20%)	MJ3	04/15/25	21:43
	Uncertainty	+/-4.96		+/-5.02							
QC1206060402	LCS										
Technetium-99	123			118	pCi/L		95.8	(75%-125%)		04/15/25	22:10
	Uncertainty			+/-5.75							
QC1206060400	MB										
Technetium-99			U	1.28	pCi/L					04/15/25	21:16
	Uncertainty			+/-2.67							

Notes:

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

The Qualifiers in this report are defined as follows:

- U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J Value is estimated
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- H Analytical holding time was exceeded
- < Result is less than value reported
- > Result is greater than value reported
- UI Gamma Spectroscopy--Uncertain identification
- BD Results are either below the MDC or tracer recovery is low
- h Preparation or preservation holding time was exceeded
- R Sample results are rejected
- ^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
- N/A RPD or %Recovery limits do not apply.
- ND Analyte concentration is not detected above the detection limit
- M M if above MDC and less than LLD
- NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- FA Failed analysis.
- UJ Gamma Spectroscopy--Uncertain identification
- Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
- K Analyte present. Reported value may be biased high. Actual value is expected to be lower.

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QC Summary

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
UL	Not considered detected. The associated number is the reported concentration, which may be inaccurate due to a low bias.										
L	Analyte present. Reported value may be biased low. Actual value is expected to be higher.										
N1	See case narrative										
Y	Other specific qualifiers were required to properly define the results. Consult case narrative.										
**	Analyte is a Tracer compound										
M	REMP Result > MDC/CL and < RDL										
x	Subaliquot was taken. See Case Narrative for details.										

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.

**Technical Case Narrative
Westinghouse Electric
SDG #: 717521**

GC/MS Volatile

Product: Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer

Analytical Method: SW846 8260D SC_NPDES

Analytical Procedure: GL-OA-E-038 REV# 30

Analytical Batch: 2782554

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717521001	W-7A-2025-Q2
717521002	W-10-2025-Q2
717521003	W-11-2025-Q2
717521004	W-18R-2025-Q2
717521005	W-28-2025-Q2
717521006	W-29-2025-Q2
1206072383	Laboratory Control Sample (LCS)
1206072384	Method Blank (MB)
1206072385	717521001(W-7A-2025-Q2) Matrix Spike (MS)
1206072386	717521001(W-7A-2025-Q2) Matrix Spike Duplicate (MSD)

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.

GC/MS Semivolatile

Product: Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry

Analytical Method: SW846 3510C/8270E

Analytical Procedure: GL-OA-E-009 REV# 51

Analytical Batch: 2778871

Preparation Method: SW846 3510C

Preparation Procedure: GL-OA-E-013 REV# 36

Preparation Batch: 2778870

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717521001	W-7A-2025-Q2
717521002	W-10-2025-Q2
717521003	W-11-2025-Q2
717521004	W-18R-2025-Q2
717521005	W-28-2025-Q2

717521006	W-29-2025-Q2
1206064758	Method Blank (MB)
1206064759	Laboratory Control Sample (LCS)
1206064762	717839001(NonSDG) Matrix Spike (MS)
1206064763	717839001(NonSDG) Matrix Spike Duplicate (MSD)

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.

Miscellaneous Information

Additional Comments

The additional comments field is used to address special issues associated with each analysis, clarify method/contractual issues pertaining to the analysis, and to list any report documents generated as a result of sample analysis or review. The following additional comments were required:

Some target compounds were not included in the LCS/LCSD and/or MS/MSD in this batch. A representative list of compounds were spiked and monitored. The lab is in the process of acquiring additional standards in order to fortify the LCS/LCSD and/or MS/MSD with all requested target compounds.

Diphenylamine Statement

Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Metals

Product: Determination of Metals by ICP-MS

Analytical Method: EPA 200.8

Analytical Procedure: GL-MA-E-014 REV# 37

Analytical Batch: 2777070

Preparation Method: EPA 200.2

Preparation Procedure: GL-MA-E-016 REV# 19

Preparation Batch: 2777069

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717521001	W-7A-2025-Q2
717521002	W-10-2025-Q2
717521003	W-11-2025-Q2
717521004	W-18R-2025-Q2
717521005	W-28-2025-Q2
717521006	W-29-2025-Q2
1206061074	Method Blank (MB) ICP-MS
1206061075	Laboratory Control Sample (LCS)
1206061079	Laboratory Control Sample (LCS)

1206068164	Laboratory Control Sample (LCS)
1206061078	717521001(W-7A-2025-Q2L) Serial Dilution (SD)
1206061076	717521001(W-7A-2025-Q2D) Sample Duplicate (DUP)
1206061077	717521001(W-7A-2025-Q2S) Matrix Spike (MS)
1206061080	717521001(W-7A-2025-Q2S) Matrix Spike (MS)
1206068165	717521001(W-7A-2025-Q2S) Matrix Spike (MS)

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.

Calibration Information

ICSA/ICSAB Statement

For the ICP-MS analysis, the ICSA solution contains analyte concentrations which are verified trace impurities indigenous to the purchased standard.

Product: Inorganic Calculations

Analytical Method: EPA 200.8

Analytical Procedure: GL-GC-E-107 REV# 11

Analytical Batch: 2784068

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717521001	W-7A-2025-Q2
717521002	W-10-2025-Q2
717521003	W-11-2025-Q2
717521004	W-18R-2025-Q2
717521005	W-28-2025-Q2
717521006	W-29-2025-Q2

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.

General Chemistry

Product: Ion Chromatography

Analytical Method: EPA 300.0

Analytical Procedure: GL-GC-E-086 REV# 37

Analytical Batch: 2776680

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
------------------------------	--

717521001	W-7A-2025-Q2
717521002	W-10-2025-Q2
717521003	W-11-2025-Q2
717521004	W-18R-2025-Q2
717521005	W-28-2025-Q2
717521006	W-29-2025-Q2
1206060336	Method Blank (MB)
1206060337	Laboratory Control Sample (LCS)
1206060419	717521003(W-11-2025-Q2) Sample Duplicate (DUP)
1206060420	717521003(W-11-2025-Q2) Post Spike (PS)

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.

Technical Information

Sample Dilutions

The following samples 1206060419 (W-11-2025-Q2DUP), 1206060420 (W-11-2025-Q2PS), 717521002 (W-10-2025-Q2), 717521003 (W-11-2025-Q2) and 717521004 (W-18R-2025-Q2) were diluted because target analyte concentrations exceeded the calibration range. Samples 1206060419 (W-11-2025-Q2DUP), 1206060420 (W-11-2025-Q2PS), 717521001 (W-7A-2025-Q2), 717521002 (W-10-2025-Q2), 717521003 (W-11-2025-Q2), 717521004 (W-18R-2025-Q2), 717521005 (W-28-2025-Q2) and 717521006 (W-29-2025-Q2) were diluted based on historical data. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Analyte	717521					
	001	002	003	004	005	006
Fluoride	100X	1X	1X	50X	50X	20X
Nitrate-N	100X	5X	50X	100X	50X	20X

Radiochemistry

Product: Liquid Scint Tc99, Liquid

Analytical Method: DOE EML HASL-300, Tc-02-RC Modified

Analytical Procedure: GL-RAD-A-059 REV# 5

Analytical Batch: 2776758

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717521001	W-7A-2025-Q2
717521002	W-10-2025-Q2
717521003	W-11-2025-Q2
717521004	W-18R-2025-Q2
717521005	W-28-2025-Q2
717521006	W-29-2025-Q2
1206060400	Method Blank (MB)
1206060401	717521002(W-10-2025-Q2) Sample Duplicate (DUP)

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.

GEL Work Order Number: 717521

Client Name: Westinghouse

Phone # 803.647.1920

Fax # 803.695.3964

Project/Site Name: Groundwater Well Analysis

Address: 5801 Bluff Road, Hopkins, SC 29061

Collected By: Randy Crews

Send Results To: joynerdp@westinghouse.com

Sample ID	* For composites - indicate start and stop date/time	* Date Collected (mm-dd-yy)	* Time Collected (Military) (hhmm)	QC Code (1)	Field Filtered (2)	Sample Matrix (3)	Should this sample be considered:				Sample Analysis Requested (5) (Fill in the number of containers for each test)				Comments
							Radioactive (if yes, please supply isotopic info.)	(7) Known or possible hazards	Total number of containers	ISO & Total U ICPMS	TC-99	Select VOC	Nitrate 353.2	Fluoride 353.2	
W-7A-2025-Q2		4/3/2025	1155	G	N	GW			7	X	X	X	X	X	
W-10-2025-Q2		4/3/2025	1255	G	N	GW			7	X	X	X	X	X	
W-11-2025-Q2		4/3/2025	1050	G	N	GW			7	X	X	X	X	X	
W-18R-2025-Q2		4/3/2025	1455	G	N	GW			7	X	X	X	X	X	
W-28-2025-Q2		4/3/2025	0919	G	N	GW			7	X	X	X	X	X	
W-29-2025-Q2		4/3/2025	1247	G	N	GW			7	X	X	X	X	X	

Chain of Custody Signatures

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
Randy Crews	4/4/25	1320	Randy Crews	4/4/25	1440
Randy Crews (secure location)	4/4/25	1740	Randy Crews	4/4/25	1740

TAT Requested: Normal: X Rush: Specify:

Fax Results: Yes No

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

Additional Remarks:

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

Sample Collection Time Zone: Eastern Pacific 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

Characteristic Hazards	Listed Waste	Other
FL = Flammable/Ignitable CO = Corrosive RE = Reactive	LW = Listed Waste (F, K, P and U-listed wastes.) Waste code(s):	OT = Other / Unknown (i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.) Description:
RCRA Metals As = Arsenic Ba = Barium Cd = Cadmium Cr = Chromium Pb = Lead	TSCA Regulated PCB = Polychlorinated biphenyls	

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: <u>WNUC</u>		SDG/AR/COC/Work Order: <u>717521</u>	
Received By: <u>Thyasia Tatum</u>		Date Received at GEL: <u>4/4/25</u>	
Carrier (Circle Applicable) FedEx Express FedEx Ground UPS Field Services <u>Courier</u> Client Other:		IR Temp gun # <u>IR2-23</u> Daily Calibration Performed? <u>Y/N</u>	

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).
<u>Cooler 1</u>	<u>1°C</u>				
<u>Cooler 2</u>	<u>1°C</u>				
<u>Cooler 3</u>	<u>16°C</u>	☒			
<u>Cooler 4</u>	<u>16°C</u>	☒			

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): <u>0</u> CPM mR/Hr Classified as: <u>Rad 1</u> <u>Rad 2</u> <u>Rad 3</u> If yes, select Hazards below.
D) Are there any sample hazards to document?	☒	☐	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: <u>Wet Ice</u> 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 Am Date 4/8/25

☐ Continuation Form Required when selected

List of current GEL Certifications as of 18 April 2025

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	2023019
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approv	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	2023-152
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of L	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122024-45
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

May 02, 2025

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

Re: Ground Water Well Liquid Analysis
Work Order: 717528

Dear Diana Joyner:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on April 04, 2025. 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.

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,

Abigail Martin for
Delaney Stonesmith
Project Manager

Purchase Order: 4500901437
Enclosures



GEL LABORATORIES LLC

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

Certificate of Analysis Report for

WNUC012 Westinghouse Electric (4500901437)

Client SDG: 717528 GEL Work Order: 717528

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
- B Either presence of analyte detected in the associated blank, or MDL/IDL < sample value < PQL
- J Value is estimated
- Q SC certification for analyte-method was not held by lab.
- Q SCDES certification for analyte-method was not held by lab.
- 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

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Certificate of Analysis

Report Date: May 2, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-30-2025-Q2
Sample ID: 717528001
Matrix: Ground Water
Collect Date: 03-APR-25 14:08
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		8.91	1.65	5.00	mg/L		50	TXT1	04/05/25	0032	2776680	1
Nitrate-N		108	1.65	5.00	mg/L		50					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235		0.192	0.0100	0.0700	ug/L	1.00	1	BCD1	04/30/25	1322	2786805	2
Uranium-238		8.43	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1459	2786805	3
Calculation for Total U "See Parent Products"												
Total Uranium		8.63	0.0670	0.200	ug/L			EXF1	05/02/25	0809	2791320	4
Semi-Volatile-GC/MS												
8270 BNA "As Received"												
Naphthalene	U	ND	0.300	1.00	ug/L	0.00100	1	LL2	04/11/25	1912	2778871	5
Tributylphosphate	U	ND	3.00	10.0	ug/L	0.00100	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	AXH5	04/16/25	1436	2782554	6
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/10/25	1058	2778870
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/26/25	1445	2786804

GEL LABORATORIES LLC

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Certificate of Analysis

Report Date: May 2, 2025

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-30-2025-Q2
Sample ID: 717528001

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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The following Analytical Methods were performed:

Method	Description	Analyst	Comments
1	EPA 300.0		
2	EPA 200.8		
3	EPA 200.8		
4	EPA 200.8		
5	SW846 3510C/8270E		
6	SW846 8260D SC_NPDES		

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	8270 BNA "As Received"	61.4 ug/L	100	61	(31%-126%)
Phenol-d5	8270 BNA "As Received"	14.5 ug/L	100	15	(15%-85%)
2-Fluorophenol	8270 BNA "As Received"	20.7 ug/L	100	21	(15%-72%)
Nitrobenzene-d5	8270 BNA "As Received"	23.9 ug/L	50.0	48	(34%-107%)
2-Fluorobiphenyl	8270 BNA "As Received"	27.2 ug/L	50.0	54	(35%-107%)
p-Terphenyl-d14	8270 BNA "As Received"	21.4 ug/L	50.0	43	(20%-118%)
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	45.7 ug/L	50.0	91	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	41.7 ug/L	50.0	83	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	49.1 ug/L	50.0	98	(77%-121%)

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 2, 2025

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-32-2025-Q2
Sample ID: 717528002
Matrix: Ground Water
Collect Date: 03-APR-25 09:10
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Nitrate-N		123	3.30	10.0	mg/L		100	TXT1	04/04/25	2017	2776680	1
Fluoride		3.35	0.165	0.500	mg/L		5	TXT1	04/05/25	0830	2776680	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	04/30/25	1323	2786805	3
Uranium-238	J	0.107	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1500	2786805	4
Calculation for Total U "See Parent Products"												
Total Uranium	J	0.107	0.0670	0.200	ug/L			EXF1	05/02/25	0809	2791320	5
Semi-Volatile-GC/MS												
8270 BNA "As Received"												
Naphthalene	U	ND	0.300	1.00	ug/L	0.00100	1	LL2	04/11/25	1935	2778871	6
Tributylphosphate	U	ND	3.00	10.0	ug/L	0.00100	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	J	0.680	0.333	1.00	ug/L		1	AXH5	04/16/25	1501	2782554	7
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/26/25	1445	2786804
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/10/25	1058	2778870

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Certificate of Analysis

Report Date: May 2, 2025

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-32-2025-Q2
Sample ID: 717528002

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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The following Analytical Methods were performed:

Method	Description	Analyst	Comments
1	EPA 300.0		
2	EPA 300.0		
3	EPA 200.8		
4	EPA 200.8		
5	EPA 200.8		
6	SW846 3510C/8270E		
7	SW846 8260D SC_NPDES		

Surrogate/Tracer	Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol		8270 BNA "As Received"	63.7 ug/L	100	64	(31%-126%)
Phenol-d5		8270 BNA "As Received"	19.4 ug/L	100	19	(15%-85%)
2-Fluorophenol		8270 BNA "As Received"	25.9 ug/L	100	26	(15%-72%)
Nitrobenzene-d5		8270 BNA "As Received"	29.7 ug/L	50.0	59	(34%-107%)
2-Fluorobiphenyl		8270 BNA "As Received"	32.0 ug/L	50.0	64	(35%-107%)
p-Terphenyl-d14		8270 BNA "As Received"	19.0 ug/L	50.0	38	(20%-118%)
Bromofluorobenzene		SW846 8260 Volatiles "As Received"	45.8 ug/L	50.0	92	(74%-123%)
1,2-Dichloroethane-d4		SW846 8260 Volatiles "As Received"	41.7 ug/L	50.0	83	(76%-127%)
Toluene-d8		SW846 8260 Volatiles "As Received"	50.0 ug/L	50.0	100	(77%-121%)

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

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Certificate of Analysis

Report Date: May 2, 2025

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-38-2025-Q2
Sample ID: 717528003
Matrix: Ground Water
Collect Date: 03-APR-25 10:58
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		0.402	0.0330	0.100	mg/L		1	TXT1	04/05/25	0622	2776680	1
Nitrate-N		2.94	0.0330	0.100	mg/L		1					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	04/30/25	1329	2786805	2
Uranium-238	J	0.103	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1505	2786805	3
Calculation for Total U "See Parent Products"												
Total Uranium	J	0.103	0.0670	0.200	ug/L			EXF1	05/02/25	0809	2791320	4
Semi-Volatile-GC/MS												
8270 BNA "As Received"												
Naphthalene	U	ND	0.300	1.00	ug/L	0.00100	1	LL2	04/11/25	1958	2778871	5
Tributylphosphate	U	ND	3.00	10.0	ug/L	0.00100	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	J	0.660	0.333	1.00	ug/L		1	AXH5	04/16/25	1526	2782554	6
Trichloroethylene		7.11	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/26/25	1445	2786804
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/10/25	1058	2778870

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: May 2, 2025

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-38-2025-Q2
Sample ID: 717528003

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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The following Analytical Methods were performed:

Method	Description	Analyst	Comments
1	EPA 300.0		
2	EPA 200.8		
3	EPA 200.8		
4	EPA 200.8		
5	SW846 3510C/8270E		
6	SW846 8260D SC_NPDES		

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	8270 BNA "As Received"	71.3 ug/L	100	71	(31%-126%)
Phenol-d5	8270 BNA "As Received"	21.3 ug/L	100	21	(15%-85%)
2-Fluorophenol	8270 BNA "As Received"	32.3 ug/L	100	32	(15%-72%)
Nitrobenzene-d5	8270 BNA "As Received"	28.6 ug/L	50.0	57	(34%-107%)
2-Fluorobiphenyl	8270 BNA "As Received"	31.2 ug/L	50.0	62	(35%-107%)
p-Terphenyl-d14	8270 BNA "As Received"	25.0 ug/L	50.0	50	(20%-118%)
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	46.7 ug/L	50.0	93	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	42.7 ug/L	50.0	85	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	50.2 ug/L	50.0	100	(77%-121%)

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: May 2, 2025

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-102-2025-Q2
Sample ID: 717528004
Matrix: Ground Water
Collect Date: 03-APR-25 15:25
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Nitrate-N		50.0	1.65	5.00	mg/L		50	TXT1	04/05/25	0103	2776680	1
Fluoride		4.53	0.0660	0.200	mg/L		2	TXT1	04/05/25	0935	2776680	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	J	0.0210	0.0100	0.0700	ug/L	1.00	1	BCD1	04/30/25	1330	2786805	3
Uranium-238		1.15	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1506	2786805	4
Calculation for Total U "See Parent Products"												
Total Uranium		1.17	0.0670	0.200	ug/L			EXF1	05/02/25	0809	2791320	5
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene		24.9	0.333	1.00	ug/L		1	AXH5	04/16/25	1552	2782554	6
Trichloroethylene		3.55	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene		2.14	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/26/25	1445	2786804

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 300.0	
3	EPA 200.8	
4	EPA 200.8	
5	EPA 200.8	
6	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	47.0 ug/L	50.0	94	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	42.1 ug/L	50.0	84	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	48.9 ug/L	50.0	98	(77%-121%)

Notes:

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Certificate of Analysis

Report Date: May 2, 2025

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-102-2025-Q2
Sample ID: 717528004

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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 2, 2025

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-30-2025-Q2
Sample ID: 717528001
Matrix: Ground Water
Collect Date: 03-APR-25 14:08
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99		33.8	+/-3.18	3.96	5.00	pCi/L			GS3	04/27/25	1550	2780599	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			97.7	(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: May 2, 2025

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-32-2025-Q2
Sample ID: 717528002
Matrix: Ground Water
Collect Date: 03-APR-25 09:10
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99		324	+/-8.97	4.02	5.00	pCi/L			GS3	04/27/25	1734	2780599	1

The following Analytical Methods were performed:

Method		Description		Analyst Comments		
1		DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits	
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			96.1	(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 2, 2025

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-38-2025-Q2
Sample ID: 717528003
Matrix: Ground Water
Collect Date: 03-APR-25 10:58
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	-1.38	+/-2.20	4.00	5.00	pCi/L			GS3	04/27/25	1801	2780599	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments			
1	DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			96.7	(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

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: May 2, 2025

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-102-2025-Q2
Sample ID: 717528004
Matrix: Ground Water
Collect Date: 03-APR-25 15:25
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99		76.4	+/-4.74	3.94	5.00	pCi/L			GS3	04/27/25	1828	2780599	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments			
1	DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			98	(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

GEL LABORATORIES LLC

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

QC Summary

Report Date: May 2, 2025

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

Contact:

Workorder: 717528

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Ion Chromatography											
Batch	2776680										
QC1206060419	717521003	DUP									
Fluoride	U	ND	U	ND	mg/L	N/A			TXT1	04/05/25	07:26
Nitrate-N		15.8		16.1	mg/L	1.79	^	(+/-5.00)		04/05/25	02:39
QC1206060337	LCS										
Fluoride	2.50			2.42	mg/L			96.8 (90%-110%)		04/05/25	04:15
Nitrate-N	2.50			2.35	mg/L			94.1 (90%-110%)			
QC1206060336	MB										
Fluoride			U	ND	mg/L					04/05/25	03:43
Nitrate-N			U	ND	mg/L						
QC1206060420	717521003	PS									
Fluoride	2.50	U	ND	2.43	mg/L			97.4 (90%-110%)		04/05/25	07:58
Nitrate-N	2.50	0.316		2.57	mg/L			90.1 (90%-110%)		04/05/25	03:11
Metals Analysis - ICPMS											
Batch	2786805										
QC1206082158	717528002	DUP									
Uranium-234	U	ND	U	ND	ug/L	N/A			BCD1	04/30/25	15:01
Uranium-235	U	ND	U	ND	ug/L	N/A				04/30/25	13:24
Uranium-238	J	0.107	J	0.112	ug/L	5.21	^	(+/-0.200)			

GEL LABORATORIES LLC

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

QC Summary

Workorder: 717528

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Metals Analysis - ICPMS											
Batch	2786805										
QC1206082157	LCS										
Uranium-238	49.6			48.8	ug/L		98.3	(85%-115%)	BCD1	04/30/25	13:20
QC1206082164	LCS										
Uranium-234	0.550			0.597	ug/L		108	(85%-115%)		04/30/25	14:58
QC1206082165	LCS										
Uranium-235	0.350			0.348	ug/L		99.3	(85%-115%)		04/30/25	13:21
QC1206082156	MB										
Uranium-234			U	ND	ug/L					04/30/25	14:57
Uranium-235			U	ND	ug/L					04/30/25	13:19
Uranium-238			U	ND	ug/L						
QC1206082159	717528002 MS										
Uranium-238	49.6 J	0.107		47.5	ug/L		95.5	(75%-125%)		04/30/25	13:25
QC1206082166	717528002 MS										
Uranium-234	0.550 U	ND		0.557	ug/L		101	(75%-125%)		04/30/25	15:02
QC1206082167	717528002 MS										
Uranium-235	0.350 U	ND		0.344	ug/L		97.9	(75%-125%)		04/30/25	13:26
QC1206082160	717528002 SDILT										
Uranium-234	U	ND	U	ND	ug/L	N/A		(0%-10%)		04/30/25	15:02
Uranium-235	U	ND	U	ND	ug/L	N/A		(0%-10%)		04/30/25	13:27
Uranium-238	J	0.107	U	ND	ug/L	N/A		(0%-10%)			

GEL LABORATORIES LLC

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

QC Summary

Workorder: 717528

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch	2778871										
QC1206064759	LCS										
Naphthalene	50.0			27.6	ug/L		55	(45%-106%)	LL2	04/11/25	14:52
Tributylphosphate	50.0			34.9	ug/L		70	(52%-133%)			
bis(2-Ethylhexyl)phthalate	50.0			31.6	ug/L		63	(43%-124%)			
**2,4,6-Tribromophenol	100			76.7	ug/L		77	(31%-126%)			
**2-Fluorobiphenyl	50.0			29.8	ug/L		60	(35%-107%)			
**2-Fluorophenol	100			31.3	ug/L		31	(15%-72%)			
**Nitrobenzene-d5	50.0			29.0	ug/L		58	(34%-107%)			
**Phenol-d5	100			21.3	ug/L		21	(15%-85%)			
**p-Terphenyl-d14	50.0			33.9	ug/L		68	(20%-118%)			
QC1206064758	MB										
Naphthalene			U	ND	ug/L					04/11/25	14:29
Tributylphosphate			U	ND	ug/L						
bis(2-Ethylhexyl)phthalate			U	ND	ug/L						
**2,4,6-Tribromophenol	100			88.7	ug/L		89	(31%-126%)			
**2-Fluorobiphenyl	50.0			41.0	ug/L		82	(35%-107%)			

GEL LABORATORIES LLC

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QC Summary

Workorder: 717528

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch	2778871										
**2-Fluorophenol	100			43.7	ug/L		44	(15%-72%)	LL2	04/11/25	14:29
**Nitrobenzene-d5	50.0			40.3	ug/L		81	(34%-107%)			
**Phenol-d5	100			29.3	ug/L		29	(15%-85%)			
**p-Terphenyl-d14	50.0			42.6	ug/L		85	(20%-118%)			
QC1206064762 717839001 MS Naphthalene	103	U	ND	82.4	ug/L		80	(31%-108%)		04/11/25	23:06
Tributylphosphate	103	U	ND	91.3	ug/L		89	(42%-142%)			
bis(2-Ethylhexyl)phthalate	103	J	0.610	81.4	ug/L		78	(32%-128%)			
**2,4,6-Tribromophenol	206		97.7	214	ug/L		104	(31%-126%)			
**2-Fluorobiphenyl	103		42.4	87.4	ug/L		85	(35%-107%)			
**2-Fluorophenol	206		38.0	102	ug/L		50	(15%-72%)			
**Nitrobenzene-d5	103		37.1	77.6	ug/L		75	(34%-107%)			
**Phenol-d5	206		26.1	78.0	ug/L		38	(15%-85%)			
**p-Terphenyl-d14	103		36.6	77.8	ug/L		75	(20%-118%)			
QC1206064763 717839001 MSD Naphthalene	103	U	ND	72.0	ug/L	13	70	(0%-30%)		04/11/25	23:29

GEL LABORATORIES LLC

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

QC Summary

Workorder: 717528

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch	2778871										
Tributylphosphate	103	U	ND	84.1	ug/L	8	82	(0%-30%)	LL2	04/11/25	23:29
bis(2-Ethylhexyl)phthalate	103	J	0.610	76.9	ug/L	6	74	(0%-30%)			
**2,4,6-Tribromophenol	206		97.7	205	ug/L		99	(31%-126%)			
**2-Fluorobiphenyl	103		42.4	80.3	ug/L		78	(35%-107%)			
**2-Fluorophenol	206		38.0	90.9	ug/L		44	(15%-72%)			
**Nitrobenzene-d5	103		37.1	69.4	ug/L		67	(34%-107%)			
**Phenol-d5	206		26.1	69.2	ug/L		34	(15%-85%)			
**p-Terphenyl-d14	103		36.6	72.4	ug/L		70	(20%-118%)			
Volatile-GC/MS											
Batch	2782554										
QC1206072383	LCS										
Tetrachloroethylene	50.0			58.2	ug/L		116	(70%-130%)	AXH5	04/16/25	09:56
Trichloroethylene	50.0			53.4	ug/L		107	(76%-126%)			
Vinyl chloride	50.0			48.7	ug/L		97	(63%-144%)			
cis-1,2-Dichloroethylene	50.0			53.4	ug/L		107	(73%-122%)			
**1,2-Dichloroethane-d4	50.0			46.9	ug/L		94	(76%-127%)			

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QC Summary

Workorder: 717528

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch	2782554										
**Bromofluorobenzene	50.0			47.9	ug/L		96	(74%-123%)	AXH5	04/16/25	09:56
**Toluene-d8	50.0			53.0	ug/L		106	(77%-121%)			
QC1206072384 MB											
Tetrachloroethylene			U	ND	ug/L					04/16/25	11:11
Trichloroethylene			U	ND	ug/L						
Vinyl chloride			U	ND	ug/L						
cis-1,2-Dichloroethylene			U	ND	ug/L						
**1,2-Dichloroethane-d4	50.0			43.7	ug/L		87	(76%-127%)			
**Bromofluorobenzene	50.0			46.2	ug/L		92	(74%-123%)			
**Toluene-d8	50.0			51.6	ug/L		103	(77%-121%)			
QC1206072385 717521001 MS											
Tetrachloroethylene	50.0	J	0.790	53.3	ug/L		105	(56%-126%)		04/16/25	17:58
Trichloroethylene	50.0	U	ND	48.8	ug/L		98	(61%-130%)			
Vinyl chloride	50.0	U	ND	46.1	ug/L		92	(49%-153%)			
cis-1,2-Dichloroethylene	50.0	U	ND	47.5	ug/L		95	(65%-128%)			
**1,2-Dichloroethane-d4	50.0		43.1	43.2	ug/L		86	(76%-127%)			

GEL LABORATORIES LLC

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

QC Summary

Workorder: 717528

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch	2782554										
**Bromofluorobenzene	50.0	46.9		45.2	ug/L		90	(74%-123%)	AXH5	04/16/25	17:58
**Toluene-d8	50.0	51.6		49.9	ug/L		100	(77%-121%)			
QC1206072386 717521001 MSD											
Tetrachloroethylene	50.0	J	0.790	54.9	ug/L	3	108	(0%-20%)		04/16/25	18:23
Trichloroethylene	50.0	U	ND	49.9	ug/L	2	100	(0%-20%)			
Vinyl chloride	50.0	U	ND	43.3	ug/L	6	87	(0%-20%)			
cis-1,2-Dichloroethylene	50.0	U	ND	50.6	ug/L	6	101	(0%-20%)			
**1,2-Dichloroethane-d4	50.0	43.1		44.6	ug/L		89	(76%-127%)			
**Bromofluorobenzene	50.0	46.9		45.2	ug/L		90	(74%-123%)			
**Toluene-d8	50.0	51.6		50.6	ug/L		101	(77%-121%)			

Notes:

The Qualifiers in this report are defined as follows:

- U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J Value is estimated
- P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, the difference is >70%.
- C Analyte has been confirmed by GC/MS analysis
- B The target analyte was detected in the associated blank.
- E Concentration of the target analyte exceeds the instrument calibration range
- A The TIC is a suspected aldol-condensation product
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- N Metals--The Matrix spike sample recovery is not within specified control limits
- N Organics--Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based

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QC Summary

Workorder: 717528

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
		on nearest internal standard response factor									
H		Analytical holding time was exceeded									
**		Analyte is a surrogate compound									
<		Result is less than value reported									
>		Result is greater than value reported									
h		Preparation or preservation holding time was exceeded									
R		Sample results are rejected									
Z		Paint Filter Test--Particulates passed through the filter, however no free liquids were observed.									
d		5-day BOD--The 2:1 depletion requirement was not met for this sample									
^		RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.									
D		Results are reported from a diluted aliquot of the sample									
N/A		RPD or %Recovery limits do not apply.									
ND		Analyte concentration is not detected above the detection limit									
E		%difference of sample and SD is >10%. Sample concentration must meet flagging criteria									
NJ		Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier									
E		General Chemistry--Concentration of the target analyte exceeds the instrument calibration range									
JNX		Non Calibrated Compound									
UJ		Compound cannot be extracted									
Q		One or more quality control criteria have not been met. Refer to the applicable narrative or DER.									
FB		Mercury was found present at quantifiable concentrations in field blanks received with these samples. Data associated with the blank are deemed invalid for reporting to regulatory agencies									
N1		See case narrative									
Y		Other specific qualifiers were required to properly define the results. Consult case narrative.									
Y		QC Samples were not spiked with this compound									
R		Per section 9.3.4.1 of Method 1664 Revision B, due to matrix spike recovery issues, this result may not be reported or used for regulatory compliance purposes.									
N		Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor									
e		5-day BOD--Test replicates show more than 30% difference between high and low values. The data is qualified per the method and can be used for reporting purposes									
I		Analyte does not meet the Ion Abundance Ratio and should be considered an estimated concentration.									
FG		Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier									
XG		Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier									
G		Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier									
x		Subaliquot was taken. See Case Narrative for details.									

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QC Summary

Workorder: 717528

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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.

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QC Summary

Report Date: May 2, 2025

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Westinghouse Electric Co. LLC

5801 Bluff Road

Hopkins, South Carolina

Contact: Diana Joyner

Workorder: 717528

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Rad Liquid Scintillation											
Batch	2780599										
QC1206068392	717528001	DUP									
Technetium-99		33.8		34.6	pCi/L	2.37		(0%-20%)	GS3	04/27/25	16:42
	Uncertainty	+/-3.18		+/-3.19							
QC1206068393	LCS										
Technetium-99	124			120	pCi/L		96.6	(75%-125%)		04/28/25	00:43
	Uncertainty			+/-5.67							
QC1206068391	MB										
Technetium-99			U	-0.430	pCi/L					04/28/25	00:16
	Uncertainty			+/-2.20							

Notes:

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

The Qualifiers in this report are defined as follows:

- U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J Value is estimated
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- H Analytical holding time was exceeded
- < Result is less than value reported
- > Result is greater than value reported
- UI Gamma Spectroscopy--Uncertain identification
- BD Results are either below the MDC or tracer recovery is low
- h Preparation or preservation holding time was exceeded
- R Sample results are rejected
- ^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
- N/A RPD or %Recovery limits do not apply.
- ND Analyte concentration is not detected above the detection limit
- M M if above MDC and less than LLD
- NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- FA Failed analysis.
- UJ Gamma Spectroscopy--Uncertain identification
- Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
- K Analyte present. Reported value may be biased high. Actual value is expected to be lower.

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QC Summary

Workorder: 717528

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
UL	Not considered detected. The associated number is the reported concentration, which may be inaccurate due to a low bias.										
L	Analyte present. Reported value may be biased low. Actual value is expected to be higher.										
N1	See case narrative										
Y	Other specific qualifiers were required to properly define the results. Consult case narrative.										
**	Analyte is a Tracer compound										
M	REMP Result > MDC/CL and < RDL										
x	Subaliquot was taken. See Case Narrative for details.										

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.

**Technical Case Narrative
Westinghouse Electric
SDG #: 717528**

GC/MS Volatile

Product: Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer

Analytical Method: SW846 8260D SC_NPDES

Analytical Procedure: GL-OA-E-038 REV# 30

Analytical Batch: 2782554

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717528001	W-30-2025-Q2
717528002	W-32-2025-Q2
717528003	W-38-2025-Q2
717528004	W-102-2025-Q2
1206072383	Laboratory Control Sample (LCS)
1206072384	Method Blank (MB)
1206072385	717521001(W-7A-2025-Q2) Matrix Spike (MS)
1206072386	717521001(W-7A-2025-Q2) Matrix Spike Duplicate (MSD)

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.

GC/MS Semivolatile

Product: Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry

Analytical Method: SW846 3510C/8270E

Analytical Procedure: GL-OA-E-009 REV# 51

Analytical Batch: 2778871

Preparation Method: SW846 3510C

Preparation Procedure: GL-OA-E-013 REV# 36

Preparation Batch: 2778870

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717528001	W-30-2025-Q2
717528002	W-32-2025-Q2
717528003	W-38-2025-Q2
1206064758	Method Blank (MB)
1206064759	Laboratory Control Sample (LCS)
1206064762	717839001(NonSDG) Matrix Spike (MS)
1206064763	717839001(NonSDG) Matrix Spike Duplicate (MSD)

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.

Miscellaneous Information

Additional Comments

Diphenylamine Statement

Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Metals

Product: Determination of Metals by ICP-MS

Analytical Method: EPA 200.8

Analytical Procedure: GL-MA-E-014 REV# 37

Analytical Batch: 2786805

Preparation Method: EPA 200.2

Preparation Procedure: GL-MA-E-016 REV# 19

Preparation Batch: 2786804

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717528001	W-30-2025-Q2
717528002	W-32-2025-Q2
717528003	W-38-2025-Q2
717528004	W-102-2025-Q2
1206082156	Method Blank (MB) ICP-MS
1206082157	Laboratory Control Sample (LCS)
1206082164	Laboratory Control Sample (LCS)
1206082165	Laboratory Control Sample (LCS)
1206082160	717528002(W-32-2025-Q2L) Serial Dilution (SD)
1206082158	717528002(W-32-2025-Q2D) Sample Duplicate (DUP)
1206082159	717528002(W-32-2025-Q2S) Matrix Spike (MS)
1206082166	717528002(W-32-2025-Q2S) Matrix Spike (MS)
1206082167	717528002(W-32-2025-Q2S) Matrix Spike (MS)

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.

Calibration Information

ICSA/ICSAB Statement

For the ICP-MS analysis, the ICSA solution contains analyte concentrations which are verified trace impurities indigenous to the purchased standard.

Product: Inorganic Calculations

Analytical Method: EPA 200.8

Analytical Procedure: GL-GC-E-107 REV# 11

Analytical Batch: 2791320

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717528001	W-30-2025-Q2
717528002	W-32-2025-Q2
717528003	W-38-2025-Q2
717528004	W-102-2025-Q2

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.

General Chemistry

Product: Ion Chromatography

Analytical Method: EPA 300.0

Analytical Procedure: GL-GC-E-086 REV# 37

Analytical Batch: 2776680

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717528001	W-30-2025-Q2
717528002	W-32-2025-Q2
717528003	W-38-2025-Q2
717528004	W-102-2025-Q2
1206060336	Method Blank (MB)
1206060337	Laboratory Control Sample (LCS)
1206060419	717521003(W-11-2025-Q2) Sample Duplicate (DUP)
1206060420	717521003(W-11-2025-Q2) Post Spike (PS)

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.

Technical Information

Sample Dilutions

The following samples 1206060419 (W-11-2025-Q2DUP), 1206060420 (W-11-2025-Q2PS), 717528002 (W-32-2025-Q2) and 717528004 (W-102-2025-Q2) were diluted because target analyte concentrations exceeded the calibration range. Samples 1206060419 (W-11-2025-Q2DUP), 1206060420 (W-11-2025-Q2PS), 717528001 (W-30-2025-Q2), 717528002 (W-32-2025-Q2), 717528003 (W-38-2025-Q2) and 717528004 (W-102-2025-Q2) were diluted based on historical data. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Analyte	717528		
	001	002	004
Fluoride	50X	5X	2X
Nitrate-N	50X	100X	50X

Sample Re-analysis

717528003 originally run diluted based on historical results. Re-analyzed and reported undiluted. 717528003 (W-38-2025-Q2).

Radiochemistry

Product: Liquid Scint Tc99, Liquid

Analytical Method: DOE EML HASL-300, Tc-02-RC Modified

Analytical Procedure: GL-RAD-A-059 REV# 5

Analytical Batch: 2780599

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717528001	W-30-2025-Q2
717528002	W-32-2025-Q2
717528003	W-38-2025-Q2
717528004	W-102-2025-Q2
1206068391	Method Blank (MB)
1206068392	717528001(W-30-2025-Q2) Sample Duplicate (DUP)
1206068393	Laboratory Control Sample (LCS)

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.

Laboratories LLC		SAMPLE RECEIPT & REVIEW FORM	
Client: <u>WNUC</u>		SDG/AR/COC/Work Order: <u>717528</u>	
Received By: <u>Thyasia Tatum</u>		Date Received at GEL: <u>4/12/25</u>	
Carrier (Circle Applicable) FedEx Express FedEx Ground UPS Field Services <u>Courier</u> Client Other:		IR Temp gun # <u>IR2-23</u> Daily Calibration Performed? <u>Y</u>	

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).
Cooler 1	1°C				
Cooler 2	1°C				
Cooler 3	16°C	✓			
Cooler 4	16°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): <u>0</u> CPM mR/Hr Classified as: <u>Rad 1</u> <u>Rad 2</u> <u>Rad 3</u> If yes, select Hazards below.
D) Are there any sample hazards to document?	✓		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: <u>Wet Ice</u> 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 <u>✓</u> (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes <u>✓</u> No ___ NA ___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes <u>✓</u> 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 Am Date 4/8/25

☐ Continuation Form Required when selected

List of current GEL Certifications as of 02 May 2025

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	2023019
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approv	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	2023-152
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of L	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122024-45
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

April 18, 2025

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

Re: Ground Water Well Liquid Analysis
Work Order: 717532

Dear Diana Joyner:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on April 04, 2025. 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.

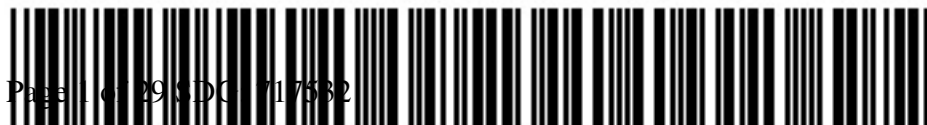
Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without 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,

Abigail Martin for
Delaney Stonesmith
Project Manager

Purchase Order: 4500901437
Enclosures



GEL LABORATORIES LLC

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

Certificate of Analysis Report for

WNUC012 Westinghouse Electric (4500901437)

Client SDG: 717532 GEL Work Order: 717532

The Qualifiers in this report are defined as follows:

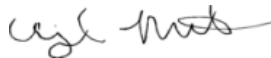
- * A quality control analyte recovery is outside of specified acceptance criteria
- ** Analyte is a Tracer compound
- ** Analyte is a surrogate compound
- B Either presence of analyte detected in the associated blank, or MDL/IDL < sample value < PQL
- J Value is estimated
- U Analyte was analyzed for, 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: April 18, 2025

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-55-2025-Q2
Sample ID: 717532001
Matrix: Ground Water
Collect Date: 04-APR-25 09:29
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride	J	0.0603	0.0330	0.100	mg/L		1	RXB5	04/04/25	2340	2776765	1
Nitrate-N		1.22	0.0330	0.100	mg/L		1					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-238		59.5	0.0670	0.200	ug/L	1.00	1	PRB	04/17/25	1905	2777070	2
Uranium-234	J	0.0170	0.0100	0.0500	ug/L	1.00	1	PRB	04/18/25	1141	2777070	3
Uranium-235		1.98	0.0500	0.350	ug/L	1.00	5	PRB	04/18/25	0808	2777070	4
Calculation for Total U "See Parent Products"												
Total Uranium		61.5	0.0670	0.350	ug/L			BAJ	04/18/25	1342	2784068	5
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	AXH5	04/16/25	1617	2782554	6
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HS2	04/14/25	1510	2777069

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	EPA 200.8	
6	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	46.1 ug/L	50.0	92	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	42.1 ug/L	50.0	84	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	48.9 ug/L	50.0	98	(77%-121%)

Notes:

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: April 18, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-55-2025-Q2
Sample ID: 717532001

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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

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Certificate of Analysis

Report Date: April 18, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-56-2025-Q2
Sample ID: 717532002
Matrix: Ground Water
Collect Date: 04-APR-25 08:33
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		0.283	0.0330	0.100	mg/L		1	RXB5	04/05/25	0010	2776765	1
Nitrate-N		1.81	0.0330	0.100	mg/L		1					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235		9.50	0.200	1.40	ug/L	1.00	20	PRB	04/18/25	0809	2777070	2
Uranium-238		287	1.34	4.00	ug/L	1.00	20					
Uranium-234		0.0840	0.0100	0.0500	ug/L	1.00	1	PRB	04/18/25	1142	2777070	3
Calculation for Total U "See Parent Products"												
Total Uranium		297	1.34	4.00	ug/L			BAJ	04/18/25	1342	2784068	4
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	AXH5	04/16/25	1643	2782554	5
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HS2	04/14/25	1510	2777069

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	45.9 ug/L	50.0	92	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	42.6 ug/L	50.0	85	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	49.8 ug/L	50.0	100	(77%-121%)

Notes:

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Certificate of Analysis

Report Date: April 18, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-56-2025-Q2
Sample ID: 717532002

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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

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Certificate of Analysis

Report Date: April 18, 2025

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-59-2025-Q2
Sample ID: 717532003
Matrix: Ground Water
Collect Date: 04-APR-25 08:35
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Nitrate-N		11.3	3.30	10.0	mg/L		100	RXB5	04/05/25	0041	2776765	1
Fluoride		1.52	0.0330	0.100	mg/L		1	RXB5	04/05/25	1213	2776765	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	J	0.0693	0.0100	0.0700	ug/L	1.00	1	PRB	04/17/25	1907	2777070	3
Uranium-238		2.24	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	PRB	04/18/25	1143	2777070	4
Calculation for Total U "See Parent Products"												
Total Uranium		2.31	0.0670	0.200	ug/L			BAJ	04/18/25	1342	2784068	5
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	J	0.440	0.333	1.00	ug/L		1	AXH5	04/16/25	1708	2782554	6
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HS2	04/14/25	1510	2777069

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 300.0	
3	EPA 200.8	
4	EPA 200.8	
5	EPA 200.8	
6	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	46.9 ug/L	50.0	94	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	42.3 ug/L	50.0	85	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	50.2 ug/L	50.0	100	(77%-121%)

Notes:

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Certificate of Analysis

Report Date: April 18, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-59-2025-Q2
Sample ID: 717532003

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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: April 18, 2025

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-77-2025-Q2
Sample ID: 717532004
Matrix: Ground Water
Collect Date: 04-APR-25 10:05
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		11.8	0.132	0.400	mg/L		4	RXB5	04/05/25	1244	2776765	1
Nitrate-N		6.11	0.132	0.400	mg/L		4					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-238		36.4	0.0670	0.200	ug/L	1.00	1	PRB	04/17/25	1908	2777070	2
Uranium-234	J	0.0140	0.0100	0.0500	ug/L	1.00	1	PRB	04/18/25	1144	2777070	3
Uranium-235		1.64	0.0500	0.350	ug/L	1.00	5	PRB	04/18/25	0810	2777070	4
Calculation for Total U "See Parent Products"												
Total Uranium		38.1	0.0670	0.350	ug/L			BAJ	04/18/25	1342	2784068	5
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	AXH5	04/16/25	1733	2782554	6
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HS2	04/14/25	1510	2777069

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	EPA 200.8	
6	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	46.6 ug/L	50.0	93	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	42.2 ug/L	50.0	84	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	49.9 ug/L	50.0	100	(77%-121%)

Notes:

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Certificate of Analysis

Report Date: April 18, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-77-2025-Q2
Sample ID: 717532004

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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: April 18, 2025

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-55-2025-Q2
Sample ID: 717532001
Matrix: Ground Water
Collect Date: 04-APR-25 09:29
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	1.67	+/-2.65	4.50	5.00	pCi/L			MJ3	04/15/25	1929	2776758	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			95.3	(15%-125%)								

Notes:

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

Column headers are defined as follows:

DF: Dilution Factor	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: April 18, 2025

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-56-2025-Q2
Sample ID: 717532002
Matrix: Ground Water
Collect Date: 04-APR-25 08:33
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	4.00	+/-2.69	4.40	5.00	pCi/L			MJ3	04/15/25	1956	2776758	1

The following Analytical Methods were performed:

Method		Description		Analyst Comments		
1		DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits	
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			97.3	(15%-125%)	

Notes:

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

Column headers are defined as follows:

DF: Dilution Factor	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: April 18, 2025

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-59-2025-Q2
Sample ID: 717532003
Matrix: Ground Water
Collect Date: 04-APR-25 08:35
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99		7.26	+/-2.87	4.48	5.00	pCi/L			MJ3	04/15/25	2023	2776758	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			95.8	(15%-125%)								

Notes:

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

Column headers are defined as follows:

DF: Dilution Factor	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: April 18, 2025

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-77-2025-Q2
Sample ID: 717532004
Matrix: Ground Water
Collect Date: 04-APR-25 10:05
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99		4.52	+/-2.73	4.44	5.00	pCi/L			MJ3	04/15/25	2049	2776758	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			96.7	(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

GEL LABORATORIES LLC

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

QC Summary

Report Date: April 18, 2025

Page 1 of 6

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

Contact:

Workorder: 717532

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Ion Chromatography											
Batch	2776765										
QC1206060417	717536004	DUP									
Fluoride		0.116		0.118	mg/L	1.62	^	(+/-0.100)	RXB5	04/05/25	04:48
Nitrate-N		9.71		9.72	mg/L	0.149		(0%-20%)		04/05/25	14:16
QC1206060416	LCS										
Fluoride	2.50			2.38	mg/L			95	(90%-110%)	04/04/25	23:09
Nitrate-N	2.50			2.38	mg/L			95.3	(90%-110%)		
QC1206060415	MB										
Fluoride			U	ND	mg/L					04/04/25	22:38
Nitrate-N			U	ND	mg/L						
QC1206060418	717536004	PS									
Fluoride	2.50	0.116		2.49	mg/L			95.1	(90%-110%)	04/05/25	05:19
Nitrate-N	2.50	1.94		4.49	mg/L			102	(90%-110%)	04/05/25	14:47
Metals Analysis - ICPMS											
Batch	2777070										
QC1206061076	717521001	DUP									
Uranium-234	U	ND	U	ND	ug/L	N/A			PRB	04/18/25	11:31
Uranium-235	U	ND	U	ND	ug/L	N/A				04/17/25	18:54
Uranium-238		0.556		0.519	ug/L	6.94	^	(+/-0.200)			

GEL LABORATORIES LLC

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

QC Summary

Workorder: 717532

Page 2 of 6

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Metals Analysis - ICPMS											
Batch	2777070										
QC1206061075	LCS										
Uranium-238	49.6			49.3	ug/L		99.2	(85%-115%)	PRB	04/17/25	18:50
QC1206061079	LCS										
Uranium-234	0.550			0.569	ug/L		103	(85%-115%)		04/18/25	11:29
QC1206068164	LCS										
Uranium-235	0.350			0.363	ug/L		104	(85%-115%)		04/17/25	18:52
QC1206061074	MB										
Uranium-234			U	ND	ug/L					04/18/25	11:29
Uranium-235			U	ND	ug/L					04/17/25	18:49
Uranium-238			U	ND	ug/L						
QC1206061077	717521001 MS										
Uranium-238	49.6	0.556		48.0	ug/L		95.6	(75%-125%)		04/17/25	18:55
QC1206061080	717521001 MS										
Uranium-234	0.550	U	ND	0.533	ug/L		96.9	(75%-125%)		04/18/25	11:32
QC1206068165	717521001 MS										
Uranium-235	0.350	U	ND	0.347	ug/L		97.8	(75%-125%)		04/17/25	18:56
QC1206061078	717521001 SDILT										
Uranium-234	U	ND	U	ND	ug/L	N/A		(0%-10%)		04/18/25	11:33
Uranium-235	U	ND	U	ND	ug/L	N/A		(0%-10%)		04/17/25	18:57
Uranium-238		0.556		0.316	ug/L	184		(0%-10%)			

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QC Summary

Workorder: 717532

Page 3 of 6

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch	2782554										
QC1206072383 LCS											
Tetrachloroethylene	50.0			58.2	ug/L		116	(70%-130%)	AXH5	04/16/25	09:56
Trichloroethylene	50.0			53.4	ug/L		107	(76%-126%)			
Vinyl chloride	50.0			48.7	ug/L		97	(63%-144%)			
cis-1,2-Dichloroethylene	50.0			53.4	ug/L		107	(73%-122%)			
**1,2-Dichloroethane-d4	50.0			46.9	ug/L		94	(76%-127%)			
**Bromofluorobenzene	50.0			47.9	ug/L		96	(74%-123%)			
**Toluene-d8	50.0			53.0	ug/L		106	(77%-121%)			
QC1206072384 MB											
Tetrachloroethylene			U	ND	ug/L					04/16/25	11:11
Trichloroethylene			U	ND	ug/L						
Vinyl chloride			U	ND	ug/L						
cis-1,2-Dichloroethylene			U	ND	ug/L						
**1,2-Dichloroethane-d4	50.0			43.7	ug/L		87	(76%-127%)			
**Bromofluorobenzene	50.0			46.2	ug/L		92	(74%-123%)			
**Toluene-d8	50.0			51.6	ug/L		103	(77%-121%)			

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QC Summary

Workorder: 717532

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch	2782554										
QC1206072385 717521001 MS											
Tetrachloroethylene	50.0	J	0.790	53.3	ug/L		105	(56%-126%)	AXH5	04/16/25	17:58
Trichloroethylene	50.0	U	ND	48.8	ug/L		98	(61%-130%)			
Vinyl chloride	50.0	U	ND	46.1	ug/L		92	(49%-153%)			
cis-1,2-Dichloroethylene	50.0	U	ND	47.5	ug/L		95	(65%-128%)			
**1,2-Dichloroethane-d4	50.0		43.1	43.2	ug/L		86	(76%-127%)			
**Bromofluorobenzene	50.0		46.9	45.2	ug/L		90	(74%-123%)			
**Toluene-d8	50.0		51.6	49.9	ug/L		100	(77%-121%)			
QC1206072386 717521001 MSD											
Tetrachloroethylene	50.0	J	0.790	54.9	ug/L	3	108	(0%-20%)		04/16/25	18:23
Trichloroethylene	50.0	U	ND	49.9	ug/L	2	100	(0%-20%)			
Vinyl chloride	50.0	U	ND	43.3	ug/L	6	87	(0%-20%)			
cis-1,2-Dichloroethylene	50.0	U	ND	50.6	ug/L	6	101	(0%-20%)			
**1,2-Dichloroethane-d4	50.0		43.1	44.6	ug/L		89	(76%-127%)			
**Bromofluorobenzene	50.0		46.9	45.2	ug/L		90	(74%-123%)			
**Toluene-d8	50.0		51.6	50.6	ug/L		101	(77%-121%)			

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QC Summary

Workorder: 717532

Page 5 of 6

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

Notes:

The Qualifiers in this report are defined as follows:

- U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J Value is estimated
- P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, the difference is >70%.
- C Analyte has been confirmed by GC/MS analysis
- B The target analyte was detected in the associated blank.
- E Concentration of the target analyte exceeds the instrument calibration range
- A The TIC is a suspected aldol-condensation product
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- N Metals--The Matrix spike sample recovery is not within specified control limits
- N Organics--Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor
- H Analytical holding time was exceeded
- ** Analyte is a surrogate compound
- < Result is less than value reported
- > Result is greater than value reported
- h Preparation or preservation holding time was exceeded
- R Sample results are rejected
- Z Paint Filter Test--Particulates passed through the filter, however no free liquids were observed.
- d 5-day BOD--The 2:1 depletion requirement was not met for this sample
- ^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
- D Results are reported from a diluted aliquot of the sample
- N/A RPD or %Recovery limits do not apply.
- ND Analyte concentration is not detected above the detection limit
- E %difference of sample and SD is >10%. Sample concentration must meet flagging criteria
- NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- E General Chemistry--Concentration of the target analyte exceeds the instrument calibration range
- JNX Non Calibrated Compound
- UJ Compound cannot be extracted
- Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
- FB Mercury was found present at quantifiable concentrations in field blanks received with these samples. Data associated with the blank are deemed invalid for reporting to regulatory agencies
- N1 See case narrative
- Y Other specific qualifiers were required to properly define the results. Consult case narrative.
- Y QC Samples were not spiked with this compound
- R Per section 9.3.4.1 of Method 1664 Revision B, due to matrix spike recovery issues, this result may not be reported or used for regulatory compliance purposes.

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QC Summary

Workorder: 717532

Page 6 of 6

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
N	Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor										
e	5-day BOD--Test replicates show more than 30% difference between high and low values. The data is qualified per the method and can be used for reporting purposes										
I	Analyte does not meet the Ion Abundance Ratio and should be considered an estimated concentration.										
FG	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
XG	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
G	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
x	Subaliquot was taken. See Case Narrative for details.										

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.

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QC Summary

Report Date: April 18, 2025

Page 1 of 2

Westinghouse Electric Co. LLC

5801 Bluff Road

Hopkins, South Carolina

Contact: Diana Joyner

Workorder: 717532

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Rad Liquid Scintillation											
Batch	2776758										
QC1206060401	717521002	DUP									
Technetium-99		79.7		83.9	pCi/L	5.17		(0%-20%)	MJ3	04/15/25	21:43
	Uncertainty	+/-4.96		+/-5.02							
QC1206060402	LCS										
Technetium-99	123			118	pCi/L		95.8	(75%-125%)		04/15/25	22:10
	Uncertainty			+/-5.75							
QC1206060400	MB										
Technetium-99			U	1.28	pCi/L					04/15/25	21:16
	Uncertainty			+/-2.67							

Notes:

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

The Qualifiers in this report are defined as follows:

- U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J Value is estimated
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- H Analytical holding time was exceeded
- < Result is less than value reported
- > Result is greater than value reported
- UI Gamma Spectroscopy--Uncertain identification
- BD Results are either below the MDC or tracer recovery is low
- h Preparation or preservation holding time was exceeded
- R Sample results are rejected
- ^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
- N/A RPD or %Recovery limits do not apply.
- ND Analyte concentration is not detected above the detection limit
- M M if above MDC and less than LLD
- NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- FA Failed analysis.
- UJ Gamma Spectroscopy--Uncertain identification
- Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
- K Analyte present. Reported value may be biased high. Actual value is expected to be lower.

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QC Summary

Workorder: 717532

Page 2 of 2

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
UL	Not considered detected. The associated number is the reported concentration, which may be inaccurate due to a low bias.										
L	Analyte present. Reported value may be biased low. Actual value is expected to be higher.										
N1	See case narrative										
Y	Other specific qualifiers were required to properly define the results. Consult case narrative.										
**	Analyte is a Tracer compound										
M	REMP Result > MDC/CL and < RDL										
x	Subaliquot was taken. See Case Narrative for details.										

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.

**Technical Case Narrative
Westinghouse Electric
SDG #: 717532**

GC/MS Volatile

Product: Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer

Analytical Method: SW846 8260D SC_NPDES

Analytical Procedure: GL-OA-E-038 REV# 30

Analytical Batch: 2782554

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717532001	W-55-2025-Q2
717532002	W-56-2025-Q2
717532003	W-59-2025-Q2
717532004	W-77-2025-Q2
1206072383	Laboratory Control Sample (LCS)
1206072384	Method Blank (MB)
1206072385	717521001(W-7A-2025-Q2) Matrix Spike (MS)
1206072386	717521001(W-7A-2025-Q2) Matrix Spike Duplicate (MSD)

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.

Metals

Product: Determination of Metals by ICP-MS

Analytical Method: EPA 200.8

Analytical Procedure: GL-MA-E-014 REV# 37

Analytical Batch: 2777070

Preparation Method: EPA 200.2

Preparation Procedure: GL-MA-E-016 REV# 19

Preparation Batch: 2777069

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717532001	W-55-2025-Q2
717532002	W-56-2025-Q2
717532003	W-59-2025-Q2
717532004	W-77-2025-Q2
1206061074	Method Blank (MB)ICP-MS
1206061075	Laboratory Control Sample (LCS)
1206061079	Laboratory Control Sample (LCS)

1206068164	Laboratory Control Sample (LCS)
1206061078	717521001(W-7A-2025-Q2L) Serial Dilution (SD)
1206061076	717521001(W-7A-2025-Q2D) Sample Duplicate (DUP)
1206061077	717521001(W-7A-2025-Q2S) Matrix Spike (MS)
1206061080	717521001(W-7A-2025-Q2S) Matrix Spike (MS)
1206068165	717521001(W-7A-2025-Q2S) Matrix Spike (MS)

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.

Calibration Information

ICSA/ICSAB Statement

For the ICP-MS analysis, the ICSA solution contains analyte concentrations which are verified trace impurities indigenous to the purchased standard.

Technical Information

Sample Dilutions

Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range. Samples 717532001 (W-55-2025-Q2), 717532002 (W-56-2025-Q2) and 717532004 (W-77-2025-Q2) were diluted to ensure that the analyte concentrations were within the linear calibration range of the instrument.

Analyte	717532		
	001	002	004
Uranium-235	5X	20X	5X
Uranium-238	1X	20X	1X

Product: Inorganic Calculations

Analytical Method: EPA 200.8

Analytical Procedure: GL-GC-E-107 REV# 11

Analytical Batch: 2784068

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717532001	W-55-2025-Q2
717532002	W-56-2025-Q2
717532003	W-59-2025-Q2
717532004	W-77-2025-Q2

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.

General Chemistry

Product: Ion Chromatography

Analytical Method: EPA 300.0

Analytical Procedure: GL-GC-E-086 REV# 37

Analytical Batch: 2776765

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717532001	W-55-2025-Q2
717532002	W-56-2025-Q2
717532003	W-59-2025-Q2
717532004	W-77-2025-Q2
1206060415	Method Blank (MB)
1206060416	Laboratory Control Sample (LCS)
1206060417	717536004(W-58-2025-Q2) Sample Duplicate (DUP)
1206060418	717536004(W-58-2025-Q2) Post Spike (PS)

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.

Technical Information

Sample Dilutions

The following samples 1206060417 (W-58-2025-Q2DUP), 1206060418 (W-58-2025-Q2PS) and 717532004 (W-77-2025-Q2) were diluted because target analyte concentrations exceeded the calibration range. Samples 717532003 (W-59-2025-Q2) and 717532004 (W-77-2025-Q2) were diluted based on historical data. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Analyte	717532	
	003	004
Fluoride	1X	4X
Nitrate-N	100X	4X

Miscellaneous Information

Manual Integrations

Samples 1206060417 (W-58-2025-Q2DUP), 1206060418 (W-58-2025-Q2PS), 717532001 (W-55-2025-Q2), 717532002 (W-56-2025-Q2), 717532003 (W-59-2025-Q2) and 717532004 (W-77-2025-Q2) were manually integrated to correctly position the baseline as set in the calibration standards.

Radiochemistry

Product: Liquid Scint Tc99, Liquid

Analytical Method: DOE EML HASL-300, Tc-02-RC Modified

Analytical Procedure: GL-RAD-A-059 REV# 5

Analytical Batch: 2776758

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717532001	W-55-2025-Q2
717532002	W-56-2025-Q2
717532003	W-59-2025-Q2
717532004	W-77-2025-Q2
1206060400	Method Blank (MB)
1206060401	717521002(W-10-2025-Q2) Sample Duplicate (DUP)
1206060402	Laboratory Control Sample (LCS)

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.

Laboratories LLC		SAMPLE RECEIPT & REVIEW FORM	
Client: <u>WNUC</u>		SDG/AR/COC/Work Order: <u>717532</u>	
Received By: <u>Thyasia Tatum</u>		Date Received at GEL: <u>4/4/25</u>	
Carrier (Circle Applicable) FedEx Express FedEx Ground UPS Field Services <u>Courier</u> Client Other:		IR Temp gun # <u>IR2-23</u> Daily Calibration Performed? <u>Y</u>	

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).
<u>Cooler 2</u>	<u>2°C</u>				
<u>Cooler 2</u>	<u>2°C</u>				
<u>Cooler 3</u>	<u>16°C</u>	✓			
<u>Cooler 4</u>	<u>16°C</u>	✓			

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): <u>0</u> CPM mR/Hr Classified as: <u>Rad 1</u> <u>Rad 2</u> <u>Rad 3</u> If yes, select Hazards below.
D) Are there any sample hazards to document?	✓		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: <u>Wet Ice</u> 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 <u>✓</u> (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes <u>✓</u> No ___ NA ___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes <u>✓</u> 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 Am Date 4/8/25

☐ Continuation Form Required when selected

List of current GEL Certifications as of 18 April 2025

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	2023019
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approv	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	2023-152
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of L	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122024-45
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

May 02, 2025

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

Re: Ground Water Well Liquid Analysis
Work Order: 717536

Dear Diana Joyner:

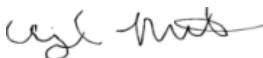
GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on April 04, 2025. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

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.

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,



Abigail Martin for
Delaney Stonesmith
Project Manager

Purchase Order: 4500901437
Enclosures



GEL LABORATORIES LLC

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

Certificate of Analysis Report for

WNUC012 Westinghouse Electric (4500901437)

Client SDG: 717536 GEL Work Order: 717536

The Qualifiers in this report are defined as follows:

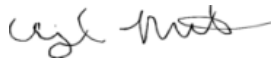
- * A quality control analyte recovery is outside of specified acceptance criteria
- ** Analyte is a Tracer compound
- ** Analyte is a surrogate compound
- B Either presence of analyte detected in the associated blank, or MDL/IDL < sample value < PQL
- J Value is estimated
- U Analyte was analyzed for, 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: May 2, 2025

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-79-2025-Q2
Sample ID: 717536001
Matrix: Ground Water
Collect Date: 04-APR-25 11:55
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		1.39	0.0330	0.100	mg/L		1	RXB5	04/05/25	0245	2776765	1
Nitrate-N		3.78	0.0330	0.100	mg/L		1					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	04/30/25	1331	2786805	2
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1507	2786805	3
Calculation for Total U "See Parent Products"												
Total Uranium	U	ND	0.0670	0.200	ug/L			EXF1	05/02/25	0809	2791320	4
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	PXY1	04/17/25	1330	2783276	5
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/26/25	1445	2786804

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	54.1 ug/L	50.0	108	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	52.1 ug/L	50.0	104	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	52.2 ug/L	50.0	104	(77%-121%)

Notes:

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: May 2, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-79-2025-Q2
Sample ID: 717536001

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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

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Certificate of Analysis

Report Date: May 2, 2025

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-93-2025-Q2
Sample ID: 717536002
Matrix: Ground Water
Collect Date: 04-APR-25 10:55
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride	U	ND	0.0330	0.100	mg/L		1	RXB5	04/05/25	0316	2776765	1
Nitrate-N		6.73	0.0660	0.200	mg/L		2	RXB5	04/05/25	1314	2776765	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	04/30/25	1332	2786805	3
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1508	2786805	4
Calculation for Total U "See Parent Products"												
Total Uranium	U	ND	0.0670	0.200	ug/L			EXF1	05/02/25	0809	2791320	5
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene		20.5	0.333	1.00	ug/L		1	PXY1	04/17/25	1356	2783276	6
Trichloroethylene		3.13	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/26/25	1445	2786804

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 300.0	
3	EPA 200.8	
4	EPA 200.8	
5	EPA 200.8	
6	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	53.7 ug/L	50.0	107	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	52.0 ug/L	50.0	104	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	52.1 ug/L	50.0	104	(77%-121%)

Notes:

GEL LABORATORIES LLC

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Certificate of Analysis

Report Date: May 2, 2025

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-93-2025-Q2
Sample ID: 717536002

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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

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Certificate of Analysis

Report Date: May 2, 2025

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-57-2025-Q2
Sample ID: 717536003
Matrix: Ground Water
Collect Date: 04-APR-25 10:42
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride	J	0.0963	0.0330	0.100	mg/L		1	RXB5	04/05/25	0346	2776765	1
Nitrate-N		1.14	0.0330	0.100	mg/L		1					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	J	0.0167	0.0100	0.0700	ug/L	1.00	1	BCD1	04/30/25	1333	2786805	2
Uranium-238		0.533	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1509	2786805	3
Calculation for Total U "See Parent Products"												
Total Uranium		0.550	0.0670	0.200	ug/L			EXF1	05/02/25	0809	2791320	4
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	PXY1	04/17/25	1422	2783276	5
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/26/25	1445	2786804

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	54.6 ug/L	50.0	109	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	52.7 ug/L	50.0	105	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	52.5 ug/L	50.0	105	(77%-121%)

Notes:

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Certificate of Analysis

Report Date: May 2, 2025

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-57-2025-Q2
Sample ID: 717536003

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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 2, 2025

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-58-2025-Q2
Sample ID: 717536004
Matrix: Ground Water
Collect Date: 04-APR-25 11:28
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		0.116	0.0330	0.100	mg/L		1	RXB5	04/05/25	0417	2776765	1
Nitrate-N		9.71	0.165	0.500	mg/L		5	RXB5	04/05/25	1345	2776765	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	J	0.0122	0.0100	0.0700	ug/L	1.00	1	BCD1	04/30/25	1334	2786805	3
Uranium-238		0.392	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1510	2786805	4
Calculation for Total U "See Parent Products"												
Total Uranium		0.405	0.0670	0.200	ug/L			EXF1	05/02/25	0809	2791320	5
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	PXY1	04/17/25	1448	2783276	6
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/26/25	1445	2786804

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 300.0	
3	EPA 200.8	
4	EPA 200.8	
5	EPA 200.8	
6	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	54.8 ug/L	50.0	110	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	53.3 ug/L	50.0	107	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	53.2 ug/L	50.0	106	(77%-121%)

Notes:

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Certificate of Analysis

Report Date: May 2, 2025

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-58-2025-Q2
Sample ID: 717536004

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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

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Certificate of Analysis

Report Date: May 2, 2025

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-79-2025-Q2
Sample ID: 717536001
Matrix: Ground Water
Collect Date: 04-APR-25 11:55
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	2.57	+/-2.35	3.90	5.00	pCi/L			GS3	04/27/25	1855	2780599	1

The following Analytical Methods were performed:

Method		Description		Analyst Comments		
1		DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits	
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			99.1	(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

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: May 2, 2025

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-93-2025-Q2
Sample ID: 717536002
Matrix: Ground Water
Collect Date: 04-APR-25 10:55
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	-1.96	+/-2.14	3.95	5.00	pCi/L			GS3	04/27/25	1921	2780599	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments			
1	DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			97.9	(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

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: May 2, 2025

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-57-2025-Q2
Sample ID: 717536003
Matrix: Ground Water
Collect Date: 04-APR-25 10:42
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	0.592	+/-2.29	3.97	5.00	pCi/L			GS3	04/27/25	1948	2780599	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments			
1	DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			97.3	(15%-125%)

Notes:

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

Column headers are defined as follows:

DF: Dilution Factor	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: May 2, 2025

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-58-2025-Q2
Sample ID: 717536004
Matrix: Ground Water
Collect Date: 04-APR-25 11:28
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	1.70	+/-2.27	3.85	5.00	pCi/L			GS3	04/27/25	2015	2780599	1

The following Analytical Methods were performed:

Method		Description		Analyst Comments		
1		DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits	
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			101	(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

GEL LABORATORIES LLC

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

QC Summary

Report Date: May 2, 2025

Page 1 of 6

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

Contact:
Workorder: 717536

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Ion Chromatography											
Batch	2776765										
QC1206060417	717536004	DUP									
Fluoride		0.116		0.118	mg/L	1.62	^	(+/-0.100)	RXB5	04/05/25	04:48
Nitrate-N		9.71		9.72	mg/L	0.149		(0%-20%)		04/05/25	14:16
QC1206060416	LCS										
Fluoride	2.50			2.38	mg/L			95	(90%-110%)	04/04/25	23:09
Nitrate-N	2.50			2.38	mg/L			95.3	(90%-110%)		
QC1206060415	MB										
Fluoride			U	ND	mg/L					04/04/25	22:38
Nitrate-N			U	ND	mg/L						
QC1206060418	717536004	PS									
Fluoride	2.50	0.116		2.49	mg/L			95.1	(90%-110%)	04/05/25	05:19
Nitrate-N	2.50	1.94		4.49	mg/L			102	(90%-110%)	04/05/25	14:47
Metals Analysis - ICPMS											
Batch	2786805										
QC1206082158	717528002	DUP									
Uranium-234	U	ND	U	ND	ug/L	N/A			BCD1	04/30/25	15:01
Uranium-235	U	ND	U	ND	ug/L	N/A				04/30/25	13:24
Uranium-238	J	0.107	J	0.112	ug/L	5.21	^	(+/-0.200)			

GEL LABORATORIES LLC

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

QC Summary

Workorder: 717536

Page 2 of 6

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Metals Analysis - ICPMS											
Batch	2786805										
QC1206082157	LCS										
Uranium-238	49.6			48.8	ug/L		98.3	(85%-115%)	BCD1	04/30/25	13:20
QC1206082164	LCS										
Uranium-234	0.550			0.597	ug/L		108	(85%-115%)		04/30/25	14:58
QC1206082165	LCS										
Uranium-235	0.350			0.348	ug/L		99.3	(85%-115%)		04/30/25	13:21
QC1206082156	MB										
Uranium-234			U	ND	ug/L					04/30/25	14:57
Uranium-235			U	ND	ug/L					04/30/25	13:19
Uranium-238			U	ND	ug/L						
QC1206082159	717528002 MS										
Uranium-238	49.6 J	0.107		47.5	ug/L		95.5	(75%-125%)		04/30/25	13:25
QC1206082166	717528002 MS										
Uranium-234	0.550 U	ND		0.557	ug/L		101	(75%-125%)		04/30/25	15:02
QC1206082167	717528002 MS										
Uranium-235	0.350 U	ND		0.344	ug/L		97.9	(75%-125%)		04/30/25	13:26
QC1206082160	717528002 SDILT										
Uranium-234	U	ND	U	ND	ug/L	N/A		(0%-10%)		04/30/25	15:02
Uranium-235	U	ND	U	ND	ug/L	N/A		(0%-10%)		04/30/25	13:27
Uranium-238	J	0.107	U	ND	ug/L	N/A		(0%-10%)			

GEL LABORATORIES LLC

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

QC Summary

Workorder: 717536

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch	2783276										
QC1206074037 LCS											
Tetrachloroethylene	50.0			52.1	ug/L		104	(70%-130%)	PXY1	04/17/25	10:30
Trichloroethylene	50.0			53.0	ug/L		106	(76%-126%)			
Vinyl chloride	50.0			58.8	ug/L		118	(63%-144%)			
cis-1,2-Dichloroethylene	50.0			53.8	ug/L		108	(73%-122%)			
**1,2-Dichloroethane-d4	50.0			50.1	ug/L		100	(76%-127%)			
**Bromofluorobenzene	50.0			48.8	ug/L		98	(74%-123%)			
**Toluene-d8	50.0			52.6	ug/L		105	(77%-121%)			
QC1206074038 MB											
Tetrachloroethylene			U	ND	ug/L					04/17/25	12:13
Trichloroethylene			U	ND	ug/L						
Vinyl chloride			U	ND	ug/L						
cis-1,2-Dichloroethylene			U	ND	ug/L						
**1,2-Dichloroethane-d4	50.0			51.4	ug/L		103	(76%-127%)			
**Bromofluorobenzene	50.0			54.4	ug/L		109	(74%-123%)			
**Toluene-d8	50.0			51.8	ug/L		104	(77%-121%)			

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

QC Summary

Workorder: 717536

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Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch	2783276											
QC1206074039	717985001	MS										
Tetrachloroethylene	50.0	U	ND		48.6	ug/L		97	(56%-126%)	PXY1	04/17/25	18:39
Trichloroethylene	50.0	U	ND		51.3	ug/L		103	(61%-130%)			
Vinyl chloride	50.0	U	ND		58.9	ug/L		118	(49%-153%)			
cis-1,2-Dichloroethylene	50.0	U	ND		54.1	ug/L		108	(65%-128%)			
**1,2-Dichloroethane-d4	50.0		52.1		51.7	ug/L		103	(76%-127%)			
**Bromofluorobenzene	50.0		54.1		50.4	ug/L		101	(74%-123%)			
**Toluene-d8	50.0		53.8		53.4	ug/L		107	(77%-121%)			
QC1206074040 717985001 MSD												
Tetrachloroethylene	50.0	U	ND		48.7	ug/L	0	97	(0%-20%)		04/17/25	19:05
Trichloroethylene	50.0	U	ND		51.0	ug/L	1	102	(0%-20%)			
Vinyl chloride	50.0	U	ND		57.5	ug/L	2	115	(0%-20%)			
cis-1,2-Dichloroethylene	50.0	U	ND		53.6	ug/L	1	107	(0%-20%)			
**1,2-Dichloroethane-d4	50.0		52.1		52.5	ug/L		105	(76%-127%)			
**Bromofluorobenzene	50.0		54.1		51.8	ug/L		104	(74%-123%)			
**Toluene-d8	50.0		53.8		53.9	ug/L		108	(77%-121%)			

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QC Summary

Workorder: 717536

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

The Qualifiers in this report are defined as follows:

- U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J Value is estimated
- P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, the difference is >70%.
- C Analyte has been confirmed by GC/MS analysis
- B The target analyte was detected in the associated blank.
- E Concentration of the target analyte exceeds the instrument calibration range
- A The TIC is a suspected aldol-condensation product
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- N Metals--The Matrix spike sample recovery is not within specified control limits
- N Organics--Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor
- H Analytical holding time was exceeded
- ** Analyte is a surrogate compound
- < Result is less than value reported
- > Result is greater than value reported
- h Preparation or preservation holding time was exceeded
- R Sample results are rejected
- Z Paint Filter Test--Particulates passed through the filter, however no free liquids were observed.
- d 5-day BOD--The 2:1 depletion requirement was not met for this sample
- ^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
- D Results are reported from a diluted aliquot of the sample
- N/A RPD or %Recovery limits do not apply.
- ND Analyte concentration is not detected above the detection limit
- E %difference of sample and SD is >10%. Sample concentration must meet flagging criteria
- NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- E General Chemistry--Concentration of the target analyte exceeds the instrument calibration range
- JNX Non Calibrated Compound
- UJ Compound cannot be extracted
- Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
- FB Mercury was found present at quantifiable concentrations in field blanks received with these samples. Data associated with the blank are deemed invalid for reporting to regulatory agencies
- N1 See case narrative
- Y Other specific qualifiers were required to properly define the results. Consult case narrative.
- Y QC Samples were not spiked with this compound
- R Per section 9.3.4.1 of Method 1664 Revision B, due to matrix spike recovery issues, this result may not be reported or used for regulatory compliance purposes.

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QC Summary

Workorder: 717536

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
N	Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor										
e	5-day BOD--Test replicates show more than 30% difference between high and low values. The data is qualified per the method and can be used for reporting purposes										
I	Analyte does not meet the Ion Abundance Ratio and should be considered an estimated concentration.										
FG	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
XG	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
G	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
x	Subaliquot was taken. See Case Narrative for details.										

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.

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QC Summary

Report Date: May 2, 2025

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Westinghouse Electric Co. LLC

5801 Bluff Road

Hopkins, South Carolina

Contact: Diana Joyner

Workorder: 717536

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Rad Liquid Scintillation											
Batch	2780599										
QC1206068392	717528001	DUP									
Technetium-99		33.8		34.6	pCi/L	2.37		(0%-20%)	GS3	04/27/25	16:42
	Uncertainty	+/-3.18		+/-3.19							
QC1206068393	LCS										
Technetium-99	124			120	pCi/L		96.6	(75%-125%)		04/28/25	00:43
	Uncertainty			+/-5.67							
QC1206068391	MB										
Technetium-99			U	-0.430	pCi/L					04/28/25	00:16
	Uncertainty			+/-2.20							

Notes:

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

The Qualifiers in this report are defined as follows:

- U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J Value is estimated
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- H Analytical holding time was exceeded
- < Result is less than value reported
- > Result is greater than value reported
- UI Gamma Spectroscopy--Uncertain identification
- BD Results are either below the MDC or tracer recovery is low
- h Preparation or preservation holding time was exceeded
- R Sample results are rejected
- ^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
- N/A RPD or %Recovery limits do not apply.
- ND Analyte concentration is not detected above the detection limit
- M M if above MDC and less than LLD
- NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- FA Failed analysis.
- UJ Gamma Spectroscopy--Uncertain identification
- Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
- K Analyte present. Reported value may be biased high. Actual value is expected to be lower.

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QC Summary

Workorder: 717536

Page 2 of 2

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
UL	Not considered detected. The associated number is the reported concentration, which may be inaccurate due to a low bias.										
L	Analyte present. Reported value may be biased low. Actual value is expected to be higher.										
N1	See case narrative										
Y	Other specific qualifiers were required to properly define the results. Consult case narrative.										
**	Analyte is a Tracer compound										
M	REMP Result > MDC/CL and < RDL										
x	Subaliquot was taken. See Case Narrative for details.										

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.

**Technical Case Narrative
Westinghouse Electric
SDG #: 717536**

GC/MS Volatile

Product: Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer

Analytical Method: SW846 8260D SC_NPDES

Analytical Procedure: GL-OA-E-038 REV# 30

Analytical Batch: 2783276

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717536001	W-79-2025-Q2
717536002	W-93-2025-Q2
717536003	W-57-2025-Q2
717536004	W-58-2025-Q2
1206074037	Laboratory Control Sample (LCS)
1206074038	Method Blank (MB)
1206074039	717985001(W-84-2025-Q2) Matrix Spike (MS)
1206074040	717985001(W-84-2025-Q2) Matrix Spike Duplicate (MSD)

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.

Metals

Product: Determination of Metals by ICP-MS

Analytical Method: EPA 200.8

Analytical Procedure: GL-MA-E-014 REV# 37

Analytical Batch: 2786805

Preparation Method: EPA 200.2

Preparation Procedure: GL-MA-E-016 REV# 19

Preparation Batch: 2786804

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717536001	W-79-2025-Q2
717536002	W-93-2025-Q2
717536003	W-57-2025-Q2
717536004	W-58-2025-Q2
1206082156	Method Blank (MB)ICP-MS
1206082157	Laboratory Control Sample (LCS)
1206082164	Laboratory Control Sample (LCS)

1206082165	Laboratory Control Sample (LCS)
1206082160	717528002(W-32-2025-Q2L) Serial Dilution (SD)
1206082158	717528002(W-32-2025-Q2D) Sample Duplicate (DUP)
1206082159	717528002(W-32-2025-Q2S) Matrix Spike (MS)
1206082166	717528002(W-32-2025-Q2S) Matrix Spike (MS)
1206082167	717528002(W-32-2025-Q2S) Matrix Spike (MS)

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.

Calibration Information

ICSA/ICSAB Statement

For the ICP-MS analysis, the ICSA solution contains analyte concentrations which are verified trace impurities indigenous to the purchased standard.

Product: Inorganic Calculations

Analytical Method: EPA 200.8

Analytical Procedure: GL-GC-E-107 REV# 11

Analytical Batch: 2791320

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717536001	W-79-2025-Q2
717536002	W-93-2025-Q2
717536003	W-57-2025-Q2
717536004	W-58-2025-Q2

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.

General Chemistry

Product: Ion Chromatography

Analytical Method: EPA 300.0

Analytical Procedure: GL-GC-E-086 REV# 37

Analytical Batch: 2776765

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717536001	W-79-2025-Q2
717536002	W-93-2025-Q2

717536003	W-57-2025-Q2
717536004	W-58-2025-Q2
1206060415	Method Blank (MB)
1206060416	Laboratory Control Sample (LCS)
1206060417	717536004(W-58-2025-Q2) Sample Duplicate (DUP)
1206060418	717536004(W-58-2025-Q2) Post Spike (PS)

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.

Technical Information

Sample Dilutions

The following samples 1206060417 (W-58-2025-Q2DUP), 1206060418 (W-58-2025-Q2PS), 717536002 (W-93-2025-Q2) and 717536004 (W-58-2025-Q2) were diluted because target analyte concentrations exceeded the calibration range. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Analyte	717536	
	002	004
Nitrate-N	2X	5X

Miscellaneous Information

Manual Integrations

Samples 1206060417 (W-58-2025-Q2DUP), 1206060418 (W-58-2025-Q2PS), 717536001 (W-79-2025-Q2), 717536003 (W-57-2025-Q2) and 717536004 (W-58-2025-Q2) were manually integrated to correctly position the baseline as set in the calibration standards.

Radiochemistry

Product: Liquid Scint Tc99, Liquid

Analytical Method: DOE EML HASL-300, Tc-02-RC Modified

Analytical Procedure: GL-RAD-A-059 REV# 5

Analytical Batch: 2780599

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

GEL Sample ID#

Client Sample Identification

717536001	W-79-2025-Q2
717536002	W-93-2025-Q2
717536003	W-57-2025-Q2
717536004	W-58-2025-Q2
1206068391	Method Blank (MB)
1206068392	717528001(W-30-2025-Q2) Sample Duplicate (DUP)
1206068393	Laboratory Control Sample (LCS)

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.

Laboratories LLC		SAMPLE RECEIPT & REVIEW FORM	
Client: <u>WNUC</u>		SDG/AR/COC/Work Order: <u>717536</u>	
Received By: <u>Thyasia Tatum</u>		Date Received at GEL: <u>4/4/25</u>	
Carrier (Circle Applicable) FedEx Express FedEx Ground UPS Field Services <u>Courier</u> Client Other:		IR Temp gun # <u>IR2-23</u> Daily Calibration Performed: <u>Y</u>	

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).
Cooler 1	1°C				
Cooler 2	1°C				
Cooler 3	16°C	✓			
Cooler 4	16°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 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): <u>0</u> CPM mR/Hr Classified as: Rad 1 _____ Rad 2 _____ Rad 3 _____ If yes, select Hazards below.
D) Are there any sample hazards to document?		✓	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: <u>Wet Ice</u> 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 <u>✓</u> (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes <u>✓</u> No ___ NA ___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes <u>✓</u> 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 AM Date 4/8/25

☐ Continuation Form Required when selected

List of current GEL Certifications as of 02 May 2025

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	2023019
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approv	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	2023-152
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of L	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122024-45
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

May 02, 2025

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

Re: Ground Water Well Liquid Analysis
Work Order: 717539

Dear Diana Joyner:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on April 04, 2025. 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.

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,

Abigail Martin for
Delaney Stonesmith
Project Manager

Purchase Order: 4500901437
Chain of Custody: 631-250402-152623
Enclosures



GEL LABORATORIES LLC

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

Certificate of Analysis Report for

WNUC012 Westinghouse Electric (4500901437)

Client SDG: 717539 GEL Work Order: 717539

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
- B The target analyte was detected in the associated blank.
- E Concentration of the target analyte exceeds the instrument calibration range
- 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: May 2, 2025

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-113-2025-Q2
Sample ID: 717539001
Matrix: Ground Water
Collect Date: 02-APR-25 09:45
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	04/30/25	1335	2786805	1
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1510	2786805	2
Calculation for Total U "See Parent Products"												
Total Uranium	U	ND	0.0670	0.200	ug/L			EXF1	05/02/25	0809	2791320	3
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	PXY1	04/15/25	1355	2781748	4
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/26/25	1445	2786804

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 200.8	
2	EPA 200.8	
3	EPA 200.8	
4	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	57.4 ug/L	50.0	115	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	55.5 ug/L	50.0	111	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	51.2 ug/L	50.0	102	(77%-121%)

Notes:

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: May 2, 2025

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-113-2025-Q2
Sample ID: 717539001

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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

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Certificate of Analysis

Report Date: May 2, 2025

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-114-2025-Q2
Sample ID: 717539002
Matrix: Ground Water
Collect Date: 02-APR-25 10:55
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	04/30/25	1336	2786805	1
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1511	2786805	2
Calculation for Total U "See Parent Products"												
Total Uranium	U	ND	0.0670	0.200	ug/L			EXF1	05/02/25	0809	2791320	3
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	PXY1	04/15/25	1423	2781748	4
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/26/25	1445	2786804

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 200.8	
2	EPA 200.8	
3	EPA 200.8	
4	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	51.7 ug/L	50.0	103	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	54.9 ug/L	50.0	110	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	49.9 ug/L	50.0	100	(77%-121%)

Notes:

GEL LABORATORIES LLC

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Certificate of Analysis

Report Date: May 2, 2025

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-114-2025-Q2
Sample ID: 717539002

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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 2, 2025

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-115-2025-Q2
Sample ID: 717539003
Matrix: Ground Water
Collect Date: 02-APR-25 11:50
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	04/30/25	1339	2786805	1
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1514	2786805	2
Calculation for Total U "See Parent Products"												
Total Uranium	U	ND	0.0670	0.200	ug/L			EXF1	05/02/25	0809	2791320	3
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	PXY1	04/15/25	1450	2781748	4
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/26/25	1445	2786804

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 200.8	
2	EPA 200.8	
3	EPA 200.8	
4	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	57.3 ug/L	50.0	115	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	55.4 ug/L	50.0	111	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	51.2 ug/L	50.0	102	(77%-121%)

Notes:

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: May 2, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-115-2025-Q2
Sample ID: 717539003

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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 2, 2025

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-116-2025-Q2
Sample ID: 717539004
Matrix: Ground Water
Collect Date: 02-APR-25 12:45
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	04/30/25	1345	2786805	1
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1519	2786805	2
Calculation for Total U "See Parent Products"												
Total Uranium	U	ND	0.0670	0.200	ug/L			EXF1	05/02/25	0809	2791320	3
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	PXY1	04/15/25	1541	2781748	4
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/26/25	1445	2786804

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 200.8	
2	EPA 200.8	
3	EPA 200.8	
4	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	54.8 ug/L	50.0	110	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	55.0 ug/L	50.0	110	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	50.1 ug/L	50.0	100	(77%-121%)

Notes:

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Certificate of Analysis

Report Date: May 2, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-116-2025-Q2
Sample ID: 717539004

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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 2, 2025

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-117-2025-Q2
Sample ID: 717539005
Matrix: Ground Water
Collect Date: 02-APR-25 13:40
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	04/30/25	1346	2786805	1
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1520	2786805	2
Calculation for Total U "See Parent Products"												
Total Uranium	U	ND	0.0670	0.200	ug/L			EXF1	05/02/25	0809	2791320	3
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene		4.29	0.333	1.00	ug/L		1	PXY1	04/15/25	1608	2781748	4
Trichloroethylene	J	0.490	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/26/25	1445	2786804

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 200.8	
2	EPA 200.8	
3	EPA 200.8	
4	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	56.4 ug/L	50.0	113	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	55.5 ug/L	50.0	111	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	50.0 ug/L	50.0	100	(77%-121%)

Notes:

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Certificate of Analysis

Report Date: May 2, 2025

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-117-2025-Q2
Sample ID: 717539005

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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: May 2, 2025

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-89-2025-Q2
Sample ID: 717539006
Matrix: Ground Water
Collect Date: 02-APR-25 13:59
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	04/30/25	1347	2786805	1
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1521	2786805	2
Calculation for Total U "See Parent Products"												
Total Uranium	U	ND	0.0670	0.200	ug/L			EXF1	05/02/25	0809	2791320	3
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	J	0.380	0.333	1.00	ug/L		1	PXY1	04/15/25	1635	2781748	4
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/26/25	1445	2786804

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 200.8	
2	EPA 200.8	
3	EPA 200.8	
4	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	55.7 ug/L	50.0	111	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	54.6 ug/L	50.0	109	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	49.6 ug/L	50.0	99	(77%-121%)

Notes:

GEL LABORATORIES LLC

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Certificate of Analysis

Report Date: May 2, 2025

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-89-2025-Q2
Sample ID: 717539006

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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 2, 2025

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-118-2025-Q2
Sample ID: 717539007
Matrix: Ground Water
Collect Date: 02-APR-25 14:30
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	04/30/25	1348	2786805	1
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1522	2786805	2
Calculation for Total U "See Parent Products"												
Total Uranium	U	ND	0.0670	0.200	ug/L			EXF1	05/02/25	0809	2791320	3
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene		39.4	0.333	1.00	ug/L		1	PXY1	04/15/25	1702	2781748	4
Trichloroethylene		1.82	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/26/25	1445	2786804

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 200.8	
2	EPA 200.8	
3	EPA 200.8	
4	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	55.4 ug/L	50.0	111	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	54.4 ug/L	50.0	109	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	50.2 ug/L	50.0	100	(77%-121%)

Notes:

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: May 2, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-118-2025-Q2
Sample ID: 717539007

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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: May 2, 2025

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-88-2025-Q2
Sample ID: 717539008
Matrix: Ground Water
Collect Date: 02-APR-25 14:49
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	04/30/25	1349	2786805	1
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1523	2786805	2
Calculation for Total U "See Parent Products"												
Total Uranium	U	ND	0.0670	0.200	ug/L			EXF1	05/02/25	0809	2791320	3
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	J	0.560	0.333	1.00	ug/L		1	PXY1	04/15/25	1729	2781748	4
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/26/25	1445	2786804

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 200.8	
2	EPA 200.8	
3	EPA 200.8	
4	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	52.1 ug/L	50.0	104	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	55.6 ug/L	50.0	111	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	50.8 ug/L	50.0	102	(77%-121%)

Notes:

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: May 2, 2025

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-88-2025-Q2
Sample ID: 717539008

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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: May 2, 2025

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: TB1-20250402
Sample ID: 717539009
Matrix: Water
Collect Date: 02-APR-25 15:20
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	PXY1	04/15/25	1756	2781748	1
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments										
1	SW846 8260D SC_NPDES											
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits							
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	52.2 ug/L	50.0	104	(74%-123%)							
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	56.2 ug/L	50.0	112	(76%-127%)							
Toluene-d8	SW846 8260 Volatiles "As Received"	49.8 ug/L	50.0	100	(77%-121%)							

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

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Certificate of Analysis

Report Date: May 2, 2025

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-113-2025-Q2
Sample ID: 717539001
Matrix: Ground Water
Collect Date: 02-APR-25 09:45
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	0.544	+/-2.25	3.91	5.00	pCi/L			GS3	04/27/25	2042	2780599	1

The following Analytical Methods were performed:

Method		Description		Analyst Comments		
1		DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits	
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			98.8	(15%-125%)	

Notes:

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

Column headers are defined as follows:

DF: Dilution Factor	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 2, 2025

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-114-2025-Q2
Sample ID: 717539002
Matrix: Ground Water
Collect Date: 02-APR-25 10:55
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	-0.339	+/-2.25	3.99	5.00	pCi/L			GS3	04/27/25	2109	2780599	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			97	(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 2, 2025

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-115-2025-Q2
Sample ID: 717539003
Matrix: Ground Water
Collect Date: 02-APR-25 11:50
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	-0.400	+/-2.23	3.96	5.00	pCi/L			GS3	04/27/25	2135	2780599	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			97.5	(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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Certificate of Analysis

Report Date: May 2, 2025

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-116-2025-Q2
Sample ID: 717539004
Matrix: Ground Water
Collect Date: 02-APR-25 12:45
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	-2.20	+/-2.21	4.08	5.00	pCi/L			GS3	04/27/25	2202	2780599	1

The following Analytical Methods were performed:

Method		Description		Analyst Comments		
1		DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits	
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			94.6	(15%-125%)	

Notes:

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

Column headers are defined as follows:

DF: Dilution Factor	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 2, 2025

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-117-2025-Q2
Sample ID: 717539005
Matrix: Ground Water
Collect Date: 02-APR-25 13:40
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	0.672	+/-2.31	4.00	5.00	pCi/L			GS3	04/27/25	2229	2780599	1

The following Analytical Methods were performed:

Method		Description		Analyst Comments		
1		DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits	
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			96.7	(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: May 2, 2025

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-89-2025-Q2
Sample ID: 717539006
Matrix: Ground Water
Collect Date: 02-APR-25 13:59
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	1.76	+/-2.35	3.97	5.00	pCi/L			GS3	04/27/25	2256	2780599	1

The following Analytical Methods were performed:

Method		Description		Analyst Comments		
1		DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits	
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			97.3	(15%-125%)	

Notes:

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

Column headers are defined as follows:

DF: Dilution Factor	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 2, 2025

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-118-2025-Q2
Sample ID: 717539007
Matrix: Ground Water
Collect Date: 02-APR-25 14:30
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	-0.222	+/-2.22	3.93	5.00	pCi/L			GS3	04/27/25	2323	2780599	1

The following Analytical Methods were performed:

Method		Description		Analyst Comments		
1		DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits	
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			98.3	(15%-125%)	

Notes:

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

Column headers are defined as follows:

DF: Dilution Factor	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 2, 2025

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-88-2025-Q2
Sample ID: 717539008
Matrix: Ground Water
Collect Date: 02-APR-25 14:49
Receive Date: 04-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	0.352	+/-2.21	3.86	5.00	pCi/L			GS3	04/27/25	2350	2780599	1

The following Analytical Methods were performed:

Method		Description		Analyst Comments		
1		DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits	
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			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	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 2, 2025

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:	TB1-20250402	Project:	WNUC0002
Sample ID:	717539009	Client ID:	WNUC012
Matrix:	Water		
Collect Date:	02-APR-25 15:20		
Receive Date:	04-APR-25		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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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QC Summary

Report Date: May 2, 2025

Page 1 of 5

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

Contact:
Workorder: 717539

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Metals Analysis - ICPMS											
Batch	2786805										
QC1206082161	717539003	DUP									
Uranium-234	U	ND	U	ND	ug/L	N/A			BCD1	04/30/25	15:15
Uranium-235	U	ND	U	ND	ug/L	N/A				04/30/25	13:40
Uranium-238	U	ND	U	ND	ug/L	N/A					
QC1206082157	LCS										
Uranium-238	49.6			48.8	ug/L		98.3	(85%-115%)		04/30/25	13:20
QC1206082164	LCS										
Uranium-234	0.550			0.597	ug/L		108	(85%-115%)		04/30/25	14:58
QC1206082165	LCS										
Uranium-235	0.350			0.348	ug/L		99.3	(85%-115%)		04/30/25	13:21
QC1206082156	MB										
Uranium-234			U	ND	ug/L					04/30/25	14:57
Uranium-235			U	ND	ug/L					04/30/25	13:19
Uranium-238			U	ND	ug/L						
QC1206082162	717539003	MS									
Uranium-238	49.6	U	ND	50.7	ug/L		102	(75%-125%)		04/30/25	13:41
QC1206082168	717539003	MS									
Uranium-234	0.550	U	ND	0.599	ug/L		109	(75%-125%)		04/30/25	15:16

GEL LABORATORIES LLC

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QC Summary

Workorder: 717539

Page 2 of 5

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Metals Analysis - ICPMS											
Batch	2786805										
QC1206082169	717539003	MS									
Uranium-235	0.350	U	ND	0.374	ug/L		107	(75%-125%)	BCD1	04/30/25	13:42
QC1206082163	717539003	SDILT									
Uranium-234		U	ND	ND	ug/L	N/A		(0%-10%)		04/30/25	15:16
Uranium-235		U	ND	ND	ug/L	N/A		(0%-10%)		04/30/25	13:43
Uranium-238		U	ND	ND	ug/L	N/A		(0%-10%)			
Volatile-GC/MS											
Batch	2781748										
QC1206070772	LCS										
Tetrachloroethylene	50.0			44.7	ug/L		89	(70%-130%)	PXY1	04/15/25	09:52
Trichloroethylene	50.0			47.7	ug/L		95	(76%-126%)			
Vinyl chloride	50.0			62.7	ug/L		125	(63%-144%)			
cis-1,2-Dichloroethylene	50.0			46.3	ug/L		93	(73%-122%)			
**1,2-Dichloroethane-d4	50.0			53.2	ug/L		106	(76%-127%)			
**Bromofluorobenzene	50.0			53.7	ug/L		107	(74%-123%)			
**Toluene-d8	50.0			50.9	ug/L		102	(77%-121%)			
QC1206070774	MB										
Tetrachloroethylene			U	ND	ug/L					04/15/25	12:06
Trichloroethylene			U	ND	ug/L						

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QC Summary

Workorder: 717539

Page 3 of 5

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch	2781748										
Vinyl chloride			U	ND	ug/L				PXY1	04/15/25	12:06
cis-1,2-Dichloroethylene			U	ND	ug/L						
**1,2-Dichloroethane-d4	50.0			56.0	ug/L		112	(76%-127%)			
**Bromofluorobenzene	50.0			51.5	ug/L		103	(74%-123%)			
**Toluene-d8	50.0			49.4	ug/L		99	(77%-121%)			
QC1206070775 718098001 MS											
Tetrachloroethylene	50.0	7310		14800	ug/L		75	(56%-126%)		04/15/25	19:44
Trichloroethylene	50.0	19700	E	27000	ug/L		73	(61%-130%)			
Vinyl chloride	50.0	994		13100	ug/L		121	(49%-153%)			
cis-1,2-Dichloroethylene	50.0	U	ND	11200	ug/L		112	(65%-128%)			
**1,2-Dichloroethane-d4	50.0	52.9		50.8	ug/L		102	(76%-127%)			
**Bromofluorobenzene	50.0	54.5		51.1	ug/L		102	(74%-123%)			
**Toluene-d8	50.0	49.8		50.0	ug/L		100	(77%-121%)			
QC1206070777 718098001 MSD											
Tetrachloroethylene	50.0	7310		17200	ug/L	15	99	(0%-20%)		04/15/25	20:11
Trichloroethylene	50.0	19700	E	28500	ug/L	5	88	(0%-20%)			

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QC Summary

Workorder: 717539

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch	2781748										
Vinyl chloride	50.0		994	11600	ug/L	12	106	(0%-20%)	PXY1	04/15/25	20:11
cis-1,2-Dichloroethylene	50.0	U	ND	11200	ug/L	0	112	(0%-20%)			
**1,2-Dichloroethane-d4	50.0		52.9	51.3	ug/L		103	(76%-127%)			
**Bromofluorobenzene	50.0		54.5	52.3	ug/L		105	(74%-123%)			
**Toluene-d8	50.0		49.8	49.8	ug/L		100	(77%-121%)			

Notes:

The Qualifiers in this report are defined as follows:

- U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J Value is estimated
- P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, the difference is >70%.
- C Analyte has been confirmed by GC/MS analysis
- B The target analyte was detected in the associated blank.
- E Concentration of the target analyte exceeds the instrument calibration range
- A The TIC is a suspected aldol-condensation product
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- N Metals--The Matrix spike sample recovery is not within specified control limits
- N Organics--Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor
- H Analytical holding time was exceeded
- ** Analyte is a surrogate compound
- < Result is less than value reported
- > Result is greater than value reported
- h Preparation or preservation holding time was exceeded
- R Sample results are rejected
- ^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
- D Results are reported from a diluted aliquot of the sample
- N/A RPD or %Recovery limits do not apply.
- ND Analyte concentration is not detected above the detection limit

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QC Summary

Workorder: 717539

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
E	%difference of sample and SD is >10%. Sample concentration must meet flagging criteria										
NJ	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
JNX	Non Calibrated Compound										
UJ	Compound cannot be extracted										
Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.										
FB	Mercury was found present at quantifiable concentrations in field blanks received with these samples. Data associated with the blank are deemed invalid for reporting to regulatory agencies										
N1	See case narrative										
Y	Other specific qualifiers were required to properly define the results. Consult case narrative.										
Y	QC Samples were not spiked with this compound										
N	Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor										
I	Analyte does not meet the Ion Abundance Ratio and should be considered an estimated concentration.										
FG	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
XG	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
G	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
x	Subaliquot was taken. See Case Narrative for details.										

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.

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

QC Summary

Report Date: May 2, 2025

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Westinghouse Electric Co. LLC

5801 Bluff Road

Hopkins, South Carolina

Contact: Diana Joyner

Workorder: 717539

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Rad Liquid Scintillation											
Batch	2780599										
QC1206068392	717528001	DUP									
Technetium-99		33.8		34.6	pCi/L	2.37		(0%-20%)	GS3	04/27/25	16:42
	Uncertainty	+/-3.18		+/-3.19							
QC1206068393	LCS										
Technetium-99	124			120	pCi/L		96.6	(75%-125%)		04/28/25	00:43
	Uncertainty			+/-5.67							
QC1206068391	MB										
Technetium-99			U	-0.430	pCi/L					04/28/25	00:16
	Uncertainty			+/-2.20							

Notes:

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

The Qualifiers in this report are defined as follows:

- U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J Value is estimated
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- H Analytical holding time was exceeded
- < Result is less than value reported
- > Result is greater than value reported
- UI Gamma Spectroscopy--Uncertain identification
- BD Results are either below the MDC or tracer recovery is low
- h Preparation or preservation holding time was exceeded
- R Sample results are rejected
- ^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
- N/A RPD or %Recovery limits do not apply.
- ND Analyte concentration is not detected above the detection limit
- M M if above MDC and less than LLD
- NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- FA Failed analysis.
- UJ Gamma Spectroscopy--Uncertain identification
- Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
- K Analyte present. Reported value may be biased high. Actual value is expected to be lower.

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QC Summary

Workorder: 717539

Page 2 of 2

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
UL	Not considered detected. The associated number is the reported concentration, which may be inaccurate due to a low bias.										
L	Analyte present. Reported value may be biased low. Actual value is expected to be higher.										
N1	See case narrative										
Y	Other specific qualifiers were required to properly define the results. Consult case narrative.										
**	Analyte is a Tracer compound										
M	REMP Result > MDC/CL and < RDL										
x	Subaliquot was taken. See Case Narrative for details.										

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.

**Technical Case Narrative
Westinghouse Electric
SDG #: 717539**

GC/MS Volatile

Product: Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer

Analytical Method: SW846 8260D SC_NPDES

Analytical Procedure: GL-OA-E-038 REV# 30

Analytical Batch: 2781748

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717539001	W-113-2025-Q2
717539002	W-114-2025-Q2
717539003	W-115-2025-Q2
717539004	W-116-2025-Q2
717539005	W-117-2025-Q2
717539006	W-89-2025-Q2
717539007	W-118-2025-Q2
717539008	W-88-2025-Q2
717539009	TB1-20250402
1206070772	Laboratory Control Sample (LCS)
1206070774	Method Blank (MB)
1206070775	718098001(NonSDG) Matrix Spike (MS)
1206070777	718098001(NonSDG) Matrix Spike Duplicate (MSD)

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.

Calibration Information

Continuing Calibration Verification Requirements

All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Metals

Product: Determination of Metals by ICP-MS

Analytical Method: EPA 200.8

Analytical Procedure: GL-MA-E-014 REV# 37

Analytical Batch: 2786805

Preparation Method: EPA 200.2

Preparation Procedure: GL-MA-E-016 REV# 19

Preparation Batch: 2786804

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717539001	W-113-2025-Q2
717539002	W-114-2025-Q2
717539003	W-115-2025-Q2
717539004	W-116-2025-Q2
717539005	W-117-2025-Q2
717539006	W-89-2025-Q2
717539007	W-118-2025-Q2
717539008	W-88-2025-Q2
1206082156	Method Blank (MB) ICP-MS
1206082157	Laboratory Control Sample (LCS)
1206082164	Laboratory Control Sample (LCS)
1206082165	Laboratory Control Sample (LCS)
1206082163	717539003(W-115-2025-Q2L) Serial Dilution (SD)
1206082161	717539003(W-115-2025-Q2D) Sample Duplicate (DUP)
1206082162	717539003(W-115-2025-Q2S) Matrix Spike (MS)
1206082168	717539003(W-115-2025-Q2S) Matrix Spike (MS)
1206082169	717539003(W-115-2025-Q2S) Matrix Spike (MS)

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.

Calibration Information

ICSA/ICSAB Statement

For the ICP-MS analysis, the ICSA solution contains analyte concentrations which are verified trace impurities indigenous to the purchased standard.

Product: Inorganic Calculations

Analytical Method: EPA 200.8

Analytical Procedure: GL-GC-E-107 REV# 11

Analytical Batch: 2791320

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717539001	W-113-2025-Q2
717539002	W-114-2025-Q2
717539003	W-115-2025-Q2
717539004	W-116-2025-Q2
717539005	W-117-2025-Q2
717539006	W-89-2025-Q2
717539007	W-118-2025-Q2
717539008	W-88-2025-Q2

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: Liquid Scint Tc99, Liquid

Analytical Method: DOE EML HASL-300, Tc-02-RC Modified

Analytical Procedure: GL-RAD-A-059 REV# 5

Analytical Batch: 2780599

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717539001	W-113-2025-Q2
717539002	W-114-2025-Q2
717539003	W-115-2025-Q2
717539004	W-116-2025-Q2
717539005	W-117-2025-Q2
717539006	W-89-2025-Q2
717539007	W-118-2025-Q2
717539008	W-88-2025-Q2
1206068391	Method Blank (MB)
1206068392	717528001(W-30-2025-Q2) Sample Duplicate (DUP)
1206068393	Laboratory Control Sample (LCS)

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.

Columbia Fuel Fabrication Facility 5801 Bluff Rd Hopkins, SC			Contact Name: Diana Joyner PO #: Report to: Invoice to:			Sampler(s): <i>R. Crews</i> <i>T. Brown</i>			Cooler Count: 1 Shipping Company: GEL TAT: Standard									
Sample ID	Date	Matrix	Grab or Composite	Total # of Containers	Remarks	Preservative	HNO3	HCl	HNO3									
						Filtered	N	N	N									
Matrix codes: WG=groundwater, WS=surface water, WW=wastewater, SO=soil, SE=sediment																		
W-113-2025-Q2	2025-04-02 09:45	WG	G	4			X	X	X	Tc-99								
W-114-2025-Q2	2025-04-02 10:55	WG	G	4			X	X	X	Select VOCs								
W-115-2025-Q2	2025-04-02 11:50	WG	G	4			X	X	X	ISO & TOTAL UICPMS								
W-116-2025-Q2	2025-04-02 12:45	WG	G	4			X	X	X									
W-117-2025-Q2	2025-04-02 13:40	WG	G	4			X	X	X									
W-89-2025-Q2	2025-04-02 13:59	WG	G	4			X	X	X									
W-118-2025-Q2	2025-04-02 14:30	WG	G	4			X	X	X									
W-88-2025-Q2	2025-04-02 14:49	WG	G	4			X	X	X	X*								
TB1-20250402	2025-04-02 15:20	WQ	G	32				X										

Relinquished by: <i>R. Crews</i>	Date/Time: 4/4/25 1320	Received by: <i>DP</i>	Date/Time: 4/4/25 1440	Comments: «»
<i>DP</i>	4/4/25 1700	<i>Thyosia Todor</i>	4/4/25 1700	

GEL Laboratories LLC		SAMPLE RECEIPT & REVIEW FORM	
Client: <u>UNUC</u>		SDG/AR/COC/Work Order: <u>717539</u>	GEL PM: <u>DS-</u>
Received By: <u>Thyasia Tatum</u>		Date Received at GEL: <u>4/8/25</u>	
Carrier (Circle Applicable) FedEx Express FedEx Ground UPS Field Services <u>Courier</u> Client Other:		IR Temp gun # <u>IR2-23</u> Daily Calibration Performed <u>Y</u> <u>N</u>	
Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number
<u>Cooler 2</u>	<u>10</u>		
<u>Cooler 2</u>	<u>10</u>		
<u>Cooler 3</u>	<u>16</u>	<u>✓</u>	
<u>Cooler 4</u>	<u>16</u>	<u>✓</u>	
Suspected Hazard Information			
Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.	
	<u>✓</u>	Hazard Class Shipped: _____ UN#: _____	
A) Shipped as a DOT Hazardous?	<u>✓</u>	If UN2910, Is the Radioactive Shipment Survey Compliant? Yes ___ No ___	
B) Did the client designate the samples are to be received as radioactive?	<u>✓</u>	COC notation or radioactive stickers on containers equal client designation.	
C) Did the RSO classify the samples as radioactive?	<u>✓</u>	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): <u>CPM</u> mR/Hr	
	<u>✓</u>	Classified as: <u>Rad 1</u> <u>Rad 2</u> <u>Rad 3</u>	
	<u>✓</u>	If yes, select Hazards below.	
D) Are there any sample hazards to document?	<u>✓</u>	PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:	
E) Was a SDS received and reviewed by Lab Safety?	<u>✓</u>	Circle Applicable: See additional Comments below. No additional comments needed after review.	
Sample Receipt Criteria	Yes	NA	No
1 Shipping containers received intact and sealed?	<u>✓</u>	<u>NA</u>	
2 Chain of custody documents included with shipment?	<u>✓</u>	<u>NA</u>	
3 If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	<u>✓</u>	<u>NA</u>	
4 Sample containers intact and sealed?	<u>✓</u>	<u>NA</u>	
5 Samples requiring chemical preservation at proper pH?	<u>✓</u>	<u>NA</u>	
6 Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	<u>✓</u>	<u>NA</u>	
7 Samples received within holding time?	<u>✓</u>	<u>NA</u>	
8 Sample IDs on COC match IDs on bottles?	<u>✓</u>	<u>NA</u>	
9 Date & time on COC match date & time on bottles?	<u>✓</u>	<u>NA</u>	
10 Number of containers received match number indicated on COC?	<u>✓</u>	<u>NA</u>	
11 Are sample containers identifiable as GEL provided by use of GEL labels?	<u>✓</u>	<u>NA</u>	
12 COC form is properly signed in relinquished/received sections?	<u>✓</u>	<u>NA</u>	
Comments:			
PM (or PMA) review: Initials <u>Am</u> Date <u>4/8/25</u>			
☐ Continuation Form Required when selected			

List of current GEL Certifications as of 02 May 2025

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	2023019
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approv	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	2023-152
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of L	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122024-45
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

May 05, 2025

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

Re: Ground Water Well Liquid Analysis
Work Order: 717985

Dear Diana Joyner:

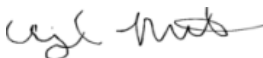
GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on April 08, 2025. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

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.

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,



Abigail Martin for
Delaney Stonesmith
Project Manager

Purchase Order: 4500901437
Chain of Custody: 631-250407-140130
Enclosures



GEL LABORATORIES LLC

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

Certificate of Analysis Report for

WNUC012 Westinghouse Electric (4500901437)

Client SDG: 717985 GEL Work Order: 717985

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
- B Either presence of analyte detected in the associated blank, or MDL/IDL < sample value < PQL
- H Analytical holding time was exceeded
- J Value is estimated
- Q Certification for analyte-method was not held by lab.
- Q SC certification for analyte-method was not held by lab.
- Q SCDES certification for analyte-method was not held by lab.
- 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 5, 2025

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-84-2025-Q2
Sample ID: 717985001
Matrix: Ground Water
Collect Date: 07-APR-25 09:00
Receive Date: 08-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride	J	0.0652	0.0330	0.100	mg/L		1	RXB5	04/08/25	1837	2778017	1
Nitrate-N	HU	ND	0.0660	0.200	mg/L		2	RXB5	04/09/25	1247	2778017	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/01/25	1118	2787427	3
Uranium-238	J	0.105	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1534	2787427	4
Calculation for Total U "See Parent Products"												
Total Uranium	J	0.105	0.0670	0.200	ug/L			BAJ	05/05/25	1012	2792086	5
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	PXY1	04/17/25	1605	2783276	6
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/29/25	1030	2787426

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 300.0	
3	EPA 200.8	
4	EPA 200.8	
5	EPA 200.8	
6	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	54.1 ug/L	50.0	108	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	52.1 ug/L	50.0	104	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	53.8 ug/L	50.0	108	(77%-121%)

Notes:

GEL LABORATORIES LLC

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Certificate of Analysis

Report Date: May 5, 2025

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-84-2025-Q2
Sample ID: 717985001

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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: May 5, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: EB1-040725 Project: WNUC0002
Sample ID: 717985002 Client ID: WNUC012
Matrix: Ground Water
Collect Date: 07-APR-25 09:15
Receive Date: 08-APR-25
Collector: Client

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride	U	ND	0.0330	0.100	mg/L		1	RXB5	04/08/25	1908	2778017	1
Nitrate-N	U	ND	0.0330	0.100	mg/L		1					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/01/25	1125	2787427	2
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1539	2787427	3
Calculation for Total U "See Parent Products"												
Total Uranium	U	ND	0.0670	0.200	ug/L			BAJ	05/05/25	1012	2792086	4
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	PXY1	04/17/25	1631	2783276	5
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/29/25	1030	2787426

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	54.2 ug/L	50.0	108	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	52.1 ug/L	50.0	104	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	52.8 ug/L	50.0	106	(77%-121%)

Notes:

GEL LABORATORIES LLC

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Certificate of Analysis

Report Date: May 5, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: EB1-040725

Sample ID: 717985002

Project: WNUC0002

Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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 5, 2025

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-123-2025-Q2
Sample ID: 717985003
Matrix: Ground Water
Collect Date: 07-APR-25 09:57
Receive Date: 08-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		9.80	0.825	2.50	mg/L		25	RXB5	04/09/25	0118	2778017	1
Nitrate-N		70.6	0.825	2.50	mg/L		25					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/01/25	1126	2787427	2
Uranium-238		0.983	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1540	2787427	3
Calculation for Total U "See Parent Products"												
Total Uranium		0.983	0.0670	0.200	ug/L			BAJ	05/05/25	1012	2792086	4
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene		13.5	0.333	1.00	ug/L		1	PXY1	04/17/25	1657	2783276	5
Trichloroethylene		9.58	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene		1.60	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/29/25	1030	2787426

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	54.2 ug/L	50.0	108	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	51.9 ug/L	50.0	104	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	52.6 ug/L	50.0	105	(77%-121%)

Notes:

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: May 5, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-123-2025-Q2
Sample ID: 717985003

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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

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Certificate of Analysis

Report Date: May 5, 2025

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-123-2025-Q2-DUP
Sample ID: 717985004
Matrix: Ground Water
Collect Date: 07-APR-25 09:57
Receive Date: 08-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		9.58	0.825	2.50	mg/L		25	RXB5	04/09/25	0149	2778017	1
Nitrate-N		70.8	0.825	2.50	mg/L		25					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/01/25	1127	2787427	2
Uranium-238		0.962	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1541	2787427	3
Calculation for Total U "See Parent Products"												
Total Uranium		0.962	0.0670	0.200	ug/L			BAJ	05/05/25	1012	2792086	4
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene		13.5	0.333	1.00	ug/L		1	PXY1	04/17/25	1722	2783276	5
Trichloroethylene		9.72	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene		1.60	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/29/25	1030	2787426

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	54.2 ug/L	50.0	108	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	52.7 ug/L	50.0	105	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	51.5 ug/L	50.0	103	(77%-121%)

Notes:

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Certificate of Analysis

Report Date: May 5, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-123-2025-Q2-DUP
Sample ID: 717985004

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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 5, 2025

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-83-2025-Q2
Sample ID: 717985005
Matrix: Ground Water
Collect Date: 07-APR-25 10:15
Receive Date: 08-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		0.143	0.0330	0.100	mg/L		1	RXB5	04/08/25	2040	2778017	1
Nitrate-N		0.884	0.132	0.400	mg/L		4	RXB5	04/09/25	0220	2778017	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/01/25	1127	2787427	3
Uranium-238	J	0.0809	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1542	2787427	4
Calculation for Total U "See Parent Products"												
Total Uranium	J	0.0809	0.0670	0.200	ug/L			BAJ	05/05/25	1012	2792086	5
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	PXY1	04/17/25	2349	2783276	6
Trichloroethylene	J	0.370	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/29/25	1030	2787426

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 300.0	
3	EPA 200.8	
4	EPA 200.8	
5	EPA 200.8	
6	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	55.1 ug/L	50.0	110	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	52.1 ug/L	50.0	104	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	52.7 ug/L	50.0	105	(77%-121%)

Notes:

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Certificate of Analysis

Report Date: May 5, 2025

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-83-2025-Q2
Sample ID: 717985005

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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 5, 2025

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-13R-2025-Q2
Sample ID: 717985006
Matrix: Ground Water
Collect Date: 07-APR-25 11:10
Receive Date: 08-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		8.84	0.165	0.500	mg/L		5	RXB5	04/09/25	0251	2778017	1
Nitrate-N		14.1	0.165	0.500	mg/L		5					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/01/25	1128	2787427	2
Uranium-238		0.258	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1543	2787427	3
Calculation for Total U "See Parent Products"												
Total Uranium		0.258	0.0670	0.200	ug/L			BAJ	05/05/25	1012	2792086	4
Semi-Volatile-GC/MS												
8270 BNA "As Received"												
Naphthalene	U	ND	0.300	1.00	ug/L	0.00100	1	NM1	04/11/25	1924	2779719	5
Tributylphosphate	U	ND	3.00	10.0	ug/L	0.00100	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene		10.3	0.333	1.00	ug/L		1	PXY1	04/18/25	0016	2783276	6
Trichloroethylene		1.24	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	J	0.390	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/11/25	1100	2779715
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/29/25	1030	2787426

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Certificate of Analysis

Report Date: May 5, 2025

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-13R-2025-Q2
Sample ID: 717985006

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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The following Analytical Methods were performed:

Method	Description	Analyst	Comments
1	EPA 300.0		
2	EPA 200.8		
3	EPA 200.8		
4	EPA 200.8		
5	SW846 3510C/8270E		
6	SW846 8260D SC_NPDES		

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	8270 BNA "As Received"	46.1 ug/L	100	46	(31%-126%)
Phenol-d5	8270 BNA "As Received"	18.1 ug/L	100	18	(15%-85%)
2-Fluorophenol	8270 BNA "As Received"	23.1 ug/L	100	23	(15%-72%)
Nitrobenzene-d5	8270 BNA "As Received"	24.7 ug/L	50.0	49	(34%-107%)
2-Fluorobiphenyl	8270 BNA "As Received"	24.0 ug/L	50.0	48	(35%-107%)
p-Terphenyl-d14	8270 BNA "As Received"	17.4 ug/L	50.0	35	(20%-118%)
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	53.7 ug/L	50.0	107	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	51.5 ug/L	50.0	103	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	52.6 ug/L	50.0	105	(77%-121%)

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

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Certificate of Analysis

Report Date: May 5, 2025

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-82-2025-Q2
Sample ID: 717985007
Matrix: Ground Water
Collect Date: 07-APR-25 11:45
Receive Date: 08-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride	J	0.0614	0.0330	0.100	mg/L		1	RXB5	04/08/25	2142	2778017	1
Nitrate-N		1.56	0.132	0.400	mg/L		4	RXB5	04/09/25	0322	2778017	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/01/25	1129	2787427	3
Uranium-238		0.445	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1544	2787427	4
Calculation for Total U "See Parent Products"												
Total Uranium		0.445	0.0670	0.200	ug/L			BAJ	05/05/25	1012	2792086	5
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	PXY1	04/18/25	0041	2783276	6
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/29/25	1030	2787426

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 300.0	
3	EPA 200.8	
4	EPA 200.8	
5	EPA 200.8	
6	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	53.8 ug/L	50.0	108	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	50.7 ug/L	50.0	101	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	51.8 ug/L	50.0	104	(77%-121%)

Notes:

GEL LABORATORIES LLC

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Certificate of Analysis

Report Date: May 5, 2025

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-82-2025-Q2
Sample ID: 717985007

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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 5, 2025

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-78-2025-Q2
Sample ID: 717985008
Matrix: Ground Water
Collect Date: 07-APR-25 12:45
Receive Date: 08-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		9.14	0.132	0.400	mg/L		4	RXB5	04/09/25	1145	2778017	1
Nitrate-N		4.48	0.132	0.400	mg/L		4					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/01/25	1130	2787427	2
Uranium-238	J	0.0722	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1544	2787427	3
Calculation for Total U "See Parent Products"												
Total Uranium	J	0.0722	0.0670	0.200	ug/L			BAJ	05/05/25	1012	2792086	4
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	PXY1	04/18/25	0107	2783276	5
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/29/25	1030	2787426

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	54.1 ug/L	50.0	108	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	51.2 ug/L	50.0	102	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	53.1 ug/L	50.0	106	(77%-121%)

Notes:

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: May 5, 2025

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-78-2025-Q2
Sample ID: 717985008

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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: May 5, 2025

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-80-2025-Q2
Sample ID: 717985009
Matrix: Ground Water
Collect Date: 07-APR-25 12:58
Receive Date: 08-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		0.195	0.0330	0.100	mg/L		1	RXB5	04/08/25	2244	2778017	1
Nitrate-N		8.76	0.330	1.00	mg/L		10	RXB5	04/09/25	1216	2778017	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/01/25	1131	2787427	3
Uranium-238	J	0.125	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	04/30/25	1545	2787427	4
Calculation for Total U "See Parent Products"												
Total Uranium	J	0.125	0.0670	0.200	ug/L			BAJ	05/05/25	1012	2792086	5
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	PXY1	04/18/25	0133	2783276	6
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BB2	04/29/25	1030	2787426

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 300.0	
3	EPA 200.8	
4	EPA 200.8	
5	EPA 200.8	
6	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	53.9 ug/L	50.0	108	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	51.9 ug/L	50.0	104	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	53.2 ug/L	50.0	106	(77%-121%)

Notes:

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Certificate of Analysis

Report Date: May 5, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-80-2025-Q2
Sample ID: 717985009

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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 5, 2025

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: TB1-20250407
Sample ID: 717985010
Matrix: Ground Water
Collect Date: 07-APR-25 13:05
Receive Date: 08-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	PXY1	04/18/25	0159	2783276	1
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments										
1	SW846 8260D SC_NPDES											
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits							
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	55.7 ug/L	50.0	111	(74%-123%)							
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	51.8 ug/L	50.0	104	(76%-127%)							
Toluene-d8	SW846 8260 Volatiles "As Received"	53.8 ug/L	50.0	108	(77%-121%)							

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 5, 2025

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-84-2025-Q2
Sample ID: 717985001
Matrix: Ground Water
Collect Date: 07-APR-25 09:00
Receive Date: 08-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	0.513	+/-2.52	4.36	5.00	pCi/L			MJ3	05/01/25	1539	2784185	1

The following Analytical Methods were performed:

Method		Description		Analyst Comments		
1		DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits	
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			98.9	(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 5, 2025

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: EB1-040725 Project: WNUC0002
Sample ID: 717985002 Client ID: WNUC012
Matrix: Ground Water
Collect Date: 07-APR-25 09:15
Receive Date: 08-APR-25
Collector: Client

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	-0.258	+/-2.51	4.42	5.00	pCi/L			MJ3	05/01/25	1606	2784185	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			97	(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 5, 2025

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-123-2025-Q2
Sample ID: 717985003
Matrix: Ground Water
Collect Date: 07-APR-25 09:57
Receive Date: 08-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99		326	+/-8.93	4.35	5.00	pCi/L			MJ3	05/01/25	1633	2784185	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			98.5	(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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Certificate of Analysis

Report Date: May 5, 2025

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-123-2025-Q2-DUP
Sample ID: 717985004
Matrix: Ground Water
Collect Date: 07-APR-25 09:57
Receive Date: 08-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99		308	+/-8.61	4.28	5.00	pCi/L			MJ3	05/01/25	1700	2784185	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			101	(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 5, 2025

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-83-2025-Q2
Sample ID: 717985005
Matrix: Ground Water
Collect Date: 07-APR-25 10:15
Receive Date: 08-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	-0.418	+/-2.51	4.43	5.00	pCi/L			MJ3	05/01/25	1726	2784185	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments			
1	DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			97.4	(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 5, 2025

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-13R-2025-Q2
Sample ID: 717985006
Matrix: Ground Water
Collect Date: 07-APR-25 11:10
Receive Date: 08-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99		70.8	+/-4.85	4.55	5.00	pCi/L			MJ3	05/01/25	1753	2784185	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			94.7	(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: May 5, 2025

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-82-2025-Q2
Sample ID: 717985007
Matrix: Ground Water
Collect Date: 07-APR-25 11:45
Receive Date: 08-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	1.77	+/-2.63	4.47	5.00	pCi/L			MJ3	05/01/25	1820	2784185	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments			
1	DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			96.6	(15%-125%)

Notes:

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

Column headers are defined as follows:

DF: Dilution Factor	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 5, 2025

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-78-2025-Q2
Sample ID: 717985008
Matrix: Ground Water
Collect Date: 07-APR-25 12:45
Receive Date: 08-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	1.00	+/-2.70	4.64	5.00	pCi/L			MJ3	05/01/25	1847	2784185	1

The following Analytical Methods were performed:

Method		Description		Analyst Comments		
1		DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits	
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			93	(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 5, 2025

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-80-2025-Q2
Sample ID: 717985009
Matrix: Ground Water
Collect Date: 07-APR-25 12:58
Receive Date: 08-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	2.20	+/-2.77	4.67	5.00	pCi/L			MJ3	05/01/25	1914	2784185	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			92.3	(15%-125%)								

Notes:

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

Column headers are defined as follows:

DF: Dilution Factor	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 5, 2025

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: TB1-20250407
Sample ID: 717985010
Matrix: Ground Water
Collect Date: 07-APR-25 13:05
Receive Date: 08-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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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QC Summary

Report Date: May 5, 2025

Page 1 of 10

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

Workorder: 717985

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Ion Chromatography											
Batch	2778017										
QC1206063105	717985001	DUP									
Fluoride	J	0.0652	J	0.0618	mg/L	5.35	^	(+/-0.100)	RXB5	04/08/25	23:15
Nitrate-N	HU	ND	HU	ND	mg/L	N/A				04/09/25	13:18
QC1206063066	LCS										
Fluoride	2.50			2.47	mg/L			98.9	(90%-110%)	04/08/25	14:53
Nitrate-N	2.50			2.42	mg/L			96.8	(90%-110%)		
QC1206063065	MB										
Fluoride			U	ND	mg/L					04/08/25	14:22
Nitrate-N			U	ND	mg/L						
QC1206063106	717985001	PS									
Fluoride	2.50	J	0.0652	2.57	mg/L			100	(90%-110%)	04/09/25	00:47
Nitrate-N	2.50	HU	ND	H	2.45	mg/L		97.8	(90%-110%)	04/09/25	13:48
Metals Analysis - ICPMS											
Batch	2787427										
QC1206083563	717985001	DUP									
Uranium-234	U	ND	U	ND	ug/L	N/A			BCD1	04/30/25	15:35
Uranium-235	U	ND	U	ND	ug/L	N/A				05/01/25	11:19
Uranium-238	J	0.105	J	0.102	ug/L	3.39	^	(+/-0.200)			

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QC Summary

Workorder: 717985

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Metals Analysis - ICPMS											
Batch	2787427										
QC1206083562	LCS										
Uranium-238	49.6			50.0	ug/L		101	(85%-115%)	BCD1	05/01/25	11:16
QC1206083566	LCS										
Uranium-234	0.550			0.583	ug/L		106	(85%-115%)		04/30/25	15:33
QC1206083567	LCS										
Uranium-235	0.350			0.363	ug/L		104	(85%-115%)		05/01/25	11:17
QC1206083561	MB										
Uranium-234			U	ND	ug/L					04/30/25	15:32
Uranium-235			U	ND	ug/L					05/01/25	11:15
Uranium-238			U	ND	ug/L						
QC1206083564	717985001	MS									
Uranium-238	49.6	J	0.105	50.0	ug/L		100	(75%-125%)		05/01/25	11:20
QC1206083568	717985001	MS									
Uranium-234	0.550	U	ND	0.581	ug/L		106	(75%-125%)		04/30/25	15:36
QC1206083569	717985001	MS									
Uranium-235	0.350	U	ND	0.369	ug/L		104	(75%-125%)		05/01/25	11:21
QC1206083565	717985001	SDILT									
Uranium-234		U	ND	U	ND	ug/L	N/A	(0%-10%)		04/30/25	15:37
Uranium-235		U	ND	U	ND	ug/L	N/A	(0%-10%)		05/01/25	11:22
Uranium-238		J	0.105	U	ND	ug/L	N/A	(0%-10%)			

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QC Summary

Workorder: 717985

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch	2779719										
QC1206066515	LCS										
Naphthalene	50.0			28.8	ug/L		58	(45%-106%)	NM1	04/11/25	17:19
Tributylphosphate	50.0			35.7	ug/L		71	(52%-133%)			
bis(2-Ethylhexyl)phthalate	50.0			34.2	ug/L		68	(43%-124%)			
**2,4,6-Tribromophenol	100			62.8	ug/L		63	(31%-126%)			
**2-Fluorobiphenyl	50.0			30.5	ug/L		61	(35%-107%)			
**2-Fluorophenol	100			33.0	ug/L		33	(15%-72%)			
**Nitrobenzene-d5	50.0			30.3	ug/L		61	(34%-107%)			
**Phenol-d5	100			27.5	ug/L		28	(15%-85%)			
**p-Terphenyl-d14	50.0			26.6	ug/L		53	(20%-118%)			
QC1206066514	MB										
Naphthalene			U	ND	ug/L					04/11/25	16:55
Tributylphosphate			U	ND	ug/L						
bis(2-Ethylhexyl)phthalate			U	ND	ug/L						
**2,4,6-Tribromophenol	100			67.3	ug/L		67	(31%-126%)			
**2-Fluorobiphenyl	50.0			34.6	ug/L		69	(35%-107%)			

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QC Summary

Workorder: 717985

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch	2779719										
**2-Fluorophenol	100			34.8	ug/L		35	(15%-72%)	NM1	04/11/25	16:55
**Nitrobenzene-d5	50.0			31.9	ug/L		64	(34%-107%)			
**Phenol-d5	100			24.9	ug/L		25	(15%-85%)			
**p-Terphenyl-d14	50.0			31.6	ug/L		63	(20%-118%)			
QC1206066518 718273004 MS Naphthalene	100	U	ND	57.5	ug/L		58	(31%-108%)		04/11/25	21:51
Tributylphosphate	100	U	ND	83.6	ug/L		84	(42%-142%)			
bis(2-Ethylhexyl)phthalate	100	U	ND	76.1	ug/L		76	(32%-128%)			
**2,4,6-Tribromophenol	200		53.1	146	ug/L		73	(31%-126%)			
**2-Fluorobiphenyl	100		27.3	65.1	ug/L		65	(35%-107%)			
**2-Fluorophenol	200		26.7	81.2	ug/L		41	(15%-72%)			
**Nitrobenzene-d5	100		26.7	62.4	ug/L		62	(34%-107%)			
**Phenol-d5	200		19.2	78.2	ug/L		39	(15%-85%)			
**p-Terphenyl-d14	100		17.3	61.6	ug/L		62	(20%-118%)			
QC1206066519 718273004 MSD Naphthalene	100	U	ND	59.8	ug/L	4	60	(0%-30%)		04/11/25	22:12

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QC Summary

Workorder: 717985

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch	2779719										
Tributylphosphate	100	U	ND	77.9	ug/L	7	78	(0%-30%)	NM1	04/11/25	22:12
bis(2-Ethylhexyl)phthalate	100	U	ND	78.0	ug/L	3	78	(0%-30%)			
**2,4,6-Tribromophenol	200		53.1	131	ug/L		65	(31%-126%)			
**2-Fluorobiphenyl	100		27.3	61.7	ug/L		62	(35%-107%)			
**2-Fluorophenol	200		26.7	86.8	ug/L		43	(15%-72%)			
**Nitrobenzene-d5	100		26.7	63.5	ug/L		63	(34%-107%)			
**Phenol-d5	200		19.2	77.7	ug/L		39	(15%-85%)			
**p-Terphenyl-d14	100		17.3	63.4	ug/L		63	(20%-118%)			
Volatile-GC/MS											
Batch	2783276										
QC1206074037	LCS										
Tetrachloroethylene	50.0			52.1	ug/L		104	(70%-130%)	PXY1	04/17/25	10:30
Trichloroethylene	50.0			53.0	ug/L		106	(76%-126%)			
Vinyl chloride	50.0			58.8	ug/L		118	(63%-144%)			
cis-1,2-Dichloroethylene	50.0			53.8	ug/L		108	(73%-122%)			
**1,2-Dichloroethane-d4	50.0			50.1	ug/L		100	(76%-127%)			

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QC Summary

Workorder: 717985

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch	2783276										
**Bromofluorobenzene	50.0			48.8	ug/L		98	(74%-123%)	PXY1	04/17/25	10:30
**Toluene-d8	50.0			52.6	ug/L		105	(77%-121%)			
QC1206075297 LCS											
Tetrachloroethylene	50.0			48.4	ug/L		97	(70%-130%)		04/17/25	21:38
Trichloroethylene	50.0			50.7	ug/L		101	(76%-126%)			
Vinyl chloride	50.0			57.9	ug/L		116	(63%-144%)			
cis-1,2-Dichloroethylene	50.0			53.0	ug/L		106	(73%-122%)			
**1,2-Dichloroethane-d4	50.0			49.9	ug/L		100	(76%-127%)			
**Bromofluorobenzene	50.0			51.4	ug/L		103	(74%-123%)			
**Toluene-d8	50.0			52.7	ug/L		105	(77%-121%)			
QC1206074038 MB											
Tetrachloroethylene			U	ND	ug/L					04/17/25	12:13
Trichloroethylene			U	ND	ug/L						
Vinyl chloride			U	ND	ug/L						
cis-1,2-Dichloroethylene			U	ND	ug/L						
**1,2-Dichloroethane-d4	50.0			51.4	ug/L		103	(76%-127%)			

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QC Summary

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch	2783276										
**Bromofluorobenzene	50.0			54.4	ug/L		109	(74%-123%)	PXY1	04/17/25	12:13
**Toluene-d8	50.0			51.8	ug/L		104	(77%-121%)			
QC1206075298 MB											
Tetrachloroethylene			U	ND	ug/L					04/17/25	23:23
Trichloroethylene			U	ND	ug/L						
Vinyl chloride			U	ND	ug/L						
cis-1,2-Dichloroethylene			U	ND	ug/L						
**1,2-Dichloroethane-d4	50.0			50.5	ug/L		101	(76%-127%)			
**Bromofluorobenzene	50.0			53.2	ug/L		106	(74%-123%)			
**Toluene-d8	50.0			52.1	ug/L		104	(77%-121%)			
QC1206074039 717985001 MS											
Tetrachloroethylene	50.0	U	ND	48.6	ug/L		97	(56%-126%)		04/17/25	18:39
Trichloroethylene	50.0	U	ND	51.3	ug/L		103	(61%-130%)			
Vinyl chloride	50.0	U	ND	58.9	ug/L		118	(49%-153%)			
cis-1,2-Dichloroethylene	50.0	U	ND	54.1	ug/L		108	(65%-128%)			
**1,2-Dichloroethane-d4	50.0		52.1	51.7	ug/L		103	(76%-127%)			

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QC Summary

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch	2783276										
**Bromofluorobenzene	50.0	54.1		50.4	ug/L		101	(74%-123%)	PXY1	04/17/25	18:39
**Toluene-d8	50.0	53.8		53.4	ug/L		107	(77%-121%)			
QC1206074040 717985001 MSD											
Tetrachloroethylene	50.0	U	ND	48.7	ug/L	0	97	(0%-20%)		04/17/25	19:05
Trichloroethylene	50.0	U	ND	51.0	ug/L	1	102	(0%-20%)			
Vinyl chloride	50.0	U	ND	57.5	ug/L	2	115	(0%-20%)			
cis-1,2-Dichloroethylene	50.0	U	ND	53.6	ug/L	1	107	(0%-20%)			
**1,2-Dichloroethane-d4	50.0	52.1		52.5	ug/L		105	(76%-127%)			
**Bromofluorobenzene	50.0	54.1		51.8	ug/L		104	(74%-123%)			
**Toluene-d8	50.0	53.8		53.9	ug/L		108	(77%-121%)			

Notes:

The Qualifiers in this report are defined as follows:

- U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J Value is estimated
- P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, the difference is >70%.
- C Analyte has been confirmed by GC/MS analysis
- B The target analyte was detected in the associated blank.
- E Concentration of the target analyte exceeds the instrument calibration range
- A The TIC is a suspected aldol-condensation product
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- N Metals--The Matrix spike sample recovery is not within specified control limits
- N Organics--Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based

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QC Summary

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
H											
**											
<											
>											
h											
R											
Z											
d											
^											
D											
N/A											
ND											
E											
NJ											
E											
JNX											
UJ											
Q											
FB											
N1											
Y											
Y											
R											
N											
e											
I											
FG											
XG											
G											
x											

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QC Summary

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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.

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QC Summary

Report Date: May 5, 2025

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Westinghouse Electric Co. LLC

5801 Bluff Road

Hopkins, South Carolina

Contact: Diana Joyner

Workorder: 717985

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Rad Liquid Scintillation											
Batch	2784185										
QC1206076142	717985001	DUP									
Technetium-99	U	0.513	U	1.76	pCi/L	N/A			N/A	MJ3	05/01/25 21:28
	Uncertainty	+/-2.52		+/-2.75							
QC1206076143	LCS										
Technetium-99	123			121	pCi/L		97.8	(75%-125%)			05/01/25 21:54
	Uncertainty			+/-5.91							
QC1206076141	MB										
Technetium-99			U	0.139	pCi/L						05/01/25 21:01
	Uncertainty			+/-2.65							

Notes:

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

The Qualifiers in this report are defined as follows:

- U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J Value is estimated
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- H Analytical holding time was exceeded
- < Result is less than value reported
- > Result is greater than value reported
- UI Gamma Spectroscopy--Uncertain identification
- BD Results are either below the MDC or tracer recovery is low
- h Preparation or preservation holding time was exceeded
- R Sample results are rejected
- ^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
- N/A RPD or %Recovery limits do not apply.
- ND Analyte concentration is not detected above the detection limit
- M M if above MDC and less than LLD
- NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- FA Failed analysis.
- UJ Gamma Spectroscopy--Uncertain identification
- Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
- K Analyte present. Reported value may be biased high. Actual value is expected to be lower.

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QC Summary

Workorder: 717985

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
UL	Not considered detected. The associated number is the reported concentration, which may be inaccurate due to a low bias.										
L	Analyte present. Reported value may be biased low. Actual value is expected to be higher.										
N1	See case narrative										
Y	Other specific qualifiers were required to properly define the results. Consult case narrative.										
**	Analyte is a Tracer compound										
M	REMP Result > MDC/CL and < RDL										
x	Subaliquot was taken. See Case Narrative for details.										

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.

**Technical Case Narrative
Westinghouse Electric
SDG #: 717985**

GC/MS Volatile

Product: Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer

Analytical Method: SW846 8260D SC_NPDES

Analytical Procedure: GL-OA-E-038 REV# 30

Analytical Batch: 2783276

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717985001	W-84-2025-Q2
717985002	EB1-040725
717985003	W-123-2025-Q2
717985004	W-123-2025-Q2-DUP
717985005	W-83-2025-Q2
717985006	W-13R-2025-Q2
717985007	W-82-2025-Q2
717985008	W-78-2025-Q2
717985009	W-80-2025-Q2
717985010	TB1-20250407
1206074037	Laboratory Control Sample (LCS)
1206074038	Method Blank (MB)
1206074039	717985001(W-84-2025-Q2) Matrix Spike (MS)
1206074040	717985001(W-84-2025-Q2) Matrix Spike Duplicate (MSD)
1206075297	Laboratory Control Sample (LCS)
1206075298	Method Blank (MB)

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.

GC/MS Semivolatile

Product: Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry

Analytical Method: SW846 3510C/8270E

Analytical Procedure: GL-OA-E-009 REV# 51

Analytical Batch: 2779719

Preparation Method: SW846 3510C

Preparation Procedure: GL-OA-E-013 REV# 36

Preparation Batch: 2779715

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717985006	W-13R-2025-Q2
1206066514	Method Blank (MB)
1206066515	Laboratory Control Sample (LCS)
1206066518	718273004(NonSDG) Matrix Spike (MS)
1206066519	718273004(NonSDG) Matrix Spike Duplicate (MSD)

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.

Miscellaneous Information

Additional Comments

Diphenylamine Statement

Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Metals

Product: Determination of Metals by ICP-MS

Analytical Method: EPA 200.8

Analytical Procedure: GL-MA-E-014 REV# 37

Analytical Batch: 2787427

Preparation Method: EPA 200.2

Preparation Procedure: GL-MA-E-016 REV# 19

Preparation Batch: 2787426

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717985001	W-84-2025-Q2
717985002	EB1-040725
717985003	W-123-2025-Q2
717985004	W-123-2025-Q2-DUP
717985005	W-83-2025-Q2
717985006	W-13R-2025-Q2
717985007	W-82-2025-Q2
717985008	W-78-2025-Q2
717985009	W-80-2025-Q2
1206083561	Method Blank (MB) ICP-MS
1206083562	Laboratory Control Sample (LCS)
1206083566	Laboratory Control Sample (LCS)
1206083567	Laboratory Control Sample (LCS)

1206083565	717985001(W-84-2025-Q2L) Serial Dilution (SD)
1206083563	717985001(W-84-2025-Q2D) Sample Duplicate (DUP)
1206083564	717985001(W-84-2025-Q2S) Matrix Spike (MS)
1206083568	717985001(W-84-2025-Q2S) Matrix Spike (MS)
1206083569	717985001(W-84-2025-Q2S) Matrix Spike (MS)

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.

Calibration Information

ICSA/ICSAB Statement

For the ICP-MS analysis, the ICSA solution contains analyte concentrations which are verified trace impurities indigenous to the purchased standard.

Product: Inorganic Calculations

Analytical Method: EPA 200.8

Analytical Procedure: GL-GC-E-107 REV# 11

Analytical Batch: 2792086

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717985001	W-84-2025-Q2
717985002	EB1-040725
717985003	W-123-2025-Q2
717985004	W-123-2025-Q2-DUP
717985005	W-83-2025-Q2
717985006	W-13R-2025-Q2
717985007	W-82-2025-Q2
717985008	W-78-2025-Q2
717985009	W-80-2025-Q2

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.

General Chemistry

Product: Ion Chromatography

Analytical Method: EPA 300.0

Analytical Procedure: GL-GC-E-086 REV# 37

Analytical Batch: 2778017

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717985001	W-84-2025-Q2
717985002	EB1-040725
717985003	W-123-2025-Q2
717985004	W-123-2025-Q2-DUP
717985005	W-83-2025-Q2
717985006	W-13R-2025-Q2
717985007	W-82-2025-Q2
717985008	W-78-2025-Q2
717985009	W-80-2025-Q2
1206063065	Method Blank (MB)
1206063066	Laboratory Control Sample (LCS)
1206063105	717985001(W-84-2025-Q2) Sample Duplicate (DUP)
1206063106	717985001(W-84-2025-Q2) Post Spike (PS)

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.

Technical Information

Holding Times

Samples (See Below) were initially analyzed within holding; however, the holding times had expired prior to reanalysis of diluted samples. The data is qualified.

Sample	Analyte	Value
1206063105 (W-84-2025-Q2DUP)	Nitrate-N	Received 08-APR-25, within holding, analyzed 09-APR-25, out of holding 09-APR-25
1206063106 (W-84-2025-Q2PS)	Nitrate-N	Received 08-APR-25, within holding, analyzed 09-APR-25, out of holding 09-APR-25
717985001 (W-84-2025-Q2)	Nitrate-N	Received 08-APR-25, within holding, analyzed 09-APR-25, out of holding 09-APR-25

Sample Dilutions

The following samples 717985003 (W-123-2025-Q2), 717985004 (W-123-2025-Q2-DUP), 717985006 (W-13R-2025-Q2), 717985008 (W-78-2025-Q2) and 717985009 (W-80-2025-Q2) were diluted because target analyte concentrations exceeded the calibration range. The following samples 1206063105 (W-84-2025-Q2DUP), 1206063106 (W-84-2025-Q2PS), 717985001 (W-84-2025-Q2), 717985005 (W-83-2025-Q2), 717985007 (W-82-2025-Q2) and 717985008 (W-78-2025-Q2) in this sample group were diluted due to matrix interference. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Analyte	717985							
	001	003	004	005	006	007	008	009
Fluoride	1X	25X	25X	1X	5X	1X	4X	1X
Nitrate-N	2X	25X	25X	4X	5X	4X	4X	10X

Miscellaneous Information

Manual Integrations

Samples 1206063105 (W-84-2025-Q2DUP), 1206063106 (W-84-2025-Q2PS), 717985001 (W-84-2025-Q2), 717985003 (W-123-2025-Q2), 717985004 (W-123-2025-Q2-DUP), 717985005 (W-83-2025-Q2), 717985006 (W-13R-2025-Q2), 717985007 (W-82-2025-Q2) and 717985009 (W-80-2025-Q2) were manually integrated to correctly position the baseline as set in the calibration standards.

Radiochemistry

Product: Liquid Scint Tc99, Liquid

Analytical Method: DOE EML HASL-300, Tc-02-RC Modified

Analytical Procedure: GL-RAD-A-059 REV# 5

Analytical Batch: 2784185

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
717985001	W-84-2025-Q2
717985002	EB1-040725
717985003	W-123-2025-Q2
717985004	W-123-2025-Q2-DUP
717985005	W-83-2025-Q2
717985006	W-13R-2025-Q2
717985007	W-82-2025-Q2
717985008	W-78-2025-Q2
717985009	W-80-2025-Q2
1206076141	Method Blank (MB)
1206076142	717985001(W-84-2025-Q2) Sample Duplicate (DUP)
1206076143	Laboratory Control Sample (LCS)

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.

GEL Laboratories
2040 Savage Road
Charleston, SC 29407
843-766-1178

Columbia Fuel Fabrication Facility

5901 Bluff Rd
Hopkins, SC

Contact Name:
PO #:
Report to:
Invoice to:

Sampler(s): *P. Brown*
Drewon Brown

Cooler Count: 2
Shipping Company: AECOM
TAT: Standard

717985

COC Number:
631-250407-140130

Matrix codes: WG=groundwater, WS=surface water, WW=wastewater, SO=soil, SE=sediment

Sample ID	Date	Matrix	Grab or Composite	Total # of Containers	Remarks	Preservative	None	HNO3	None	Select SVOCs	HCl	HNO3	Fluoride 300.0	ISO & TOTAL UICPMS	Nitrate 353.2	Select VOCs	Tc-99
W-84-2025-Q2	2025-04-07 09:00	WG	G	85				X	X	X	X	X	X	X	X	X	X
W-84-2025-Q2-MS	2025-04-07 09:00	WQ	G	85				X	X	X	X	X	X	X	X	X	X
W-84-2025-Q2-MSD	2025-04-07 09:00	WQ	G	85				X	X	X	X	X	X	X	X	X	X
EB1-040725	2025-04-07 09:15	WQ	G	85				X	X	X	X	X	X	X	X	X	X
W-123-2025-Q2	2025-04-07 09:57	WG	G	85				X	X	X	X	X	X	X	X	X	X
W-123-2025-Q2-DUP	2025-04-07 09:57	WG	G	85				X	X	X	X	X	X	X	X	X	X
W-83-2025-Q2	2025-04-07 10:15	WG	G	85				X	X	X	X	X	X	X	X	X	X
W-13R-2025-Q2	2025-04-07 11:10	WG	G	87				X	X	X	X	X	X	X	X	X	X
W-82-2025-Q2	2025-04-07 11:45	WG	G	85				X	X	X	X	X	X	X	X	X	X
W-78-2025-Q2	2025-04-07 12:45	WG	G	85				X	X	X	X	X	X	X	X	X	X

Relinquished by:

Drewon Brown

Date/Time:

4/7/25 1450

Received by:

Thyagarajan

Date/Time:

4/8/25 1000

Comments: <>

Columbia Fuel Fabrication Facility

5801 Bluff Rd

Hopkins, SC

Contact Name:

PO #:

Report to:

Invoice to:

Sampler(s):

Cooler Count: 2

Shipping Company: AECOM

TAT: Standard

D. Crews
Drews Brown

Matrix codes: WG=groundwater, WS=surface water, WW=wastewater, SO=soil, SE=sediment

Grab or Composite

Total # of Containers

Matrix

Date

Sample ID

Preservative

Filtered

Remarks

W-80-2025-Q2

2025-04-07 12:58

WG

G

6/5

X

X

X

X

X

TB1-20250407

2025-04-07 13:05

WQ

G

3/2

X

X

X

X

X

Relinquished by:

Drews Brown

Date/Time:

4/7/25 1450

Received by:

Thygesen Tuttle

Date/Time:

4/8/25 10:00

Comments: «»

GEL Laboratories LLC		SAMPLE RECEIPT & REVIEW FORM	
Client: <u>WNUC</u>		SDG/AR/COC/Work Order: <u>717985</u>	GEL PM: <u>DS</u>
Received By: <u>Thyasia Tatum</u>		Date Received at GEL: <u>4/8/25</u>	
Carrier (circle Applicable) ☒ FedEx Express ☐ FedEx Ground ☐ UPS ☐ Field Services ☐ Courier ☐ Client ☐ Other:		IR Temp gun # <u>IR2-23</u> 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
<u>2873 0205 2381</u>	<u>1°C</u>		<u>2873 0205 2392</u>
			<u>16°C</u> ✓
Suspected Hazard Information			
Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.	
	☒	Hazard Class Shipped: _____ UN#: _____	
	☒	If UN2910, Is the Radioactive Shipment Survey Compliant? Yes ___ No ___	
	☒	COC notation or radioactive stickers on containers equal client designation.	
	☒	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): <u>4</u> CPM mR/Hr	
	☒	Classified as: Rad 1 Rad 2 Rad 3	
	☒	If yes, select Hazards below.	
	☒	PCPs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:	
	☒	Circle Applicable: See additional Comments below. No additional comments needed after review.	
Sample Receipt Criteria		Yes	NA
1 Shipping containers received intact and sealed?		☒	☒
2 Chain of custody documents included with shipment?		☒	☒
3 If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?		☒	☒
4 Sample containers intact and sealed?		☒	☒
5 Samples requiring chemical preservation at proper pH?		☒	☒
6 Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)		☒	☒
7 Samples received within holding time?		☒	☒
8 Sample IDs on COC match IDs on bottles?		☒	☒
9 Date & time on COC match date & time on bottles?		☒	☒
10 Number of containers received match number indicated on COC?		☒	☒
11 Are sample containers identifiable as GEL provided by use of GEL labels?		☒	☒
12 COC form is properly signed in relinquished/received sections?		☒	☒
Comments:			
PM (or PMA) review: Initials <u>AM</u> Date <u>4/8/25</u>			
☐ Continuation Form Required when selected			

List of current GEL Certifications as of 05 May 2025

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	2023019
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approv	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	2023-152
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of L	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122024-45
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

May 08, 2025

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

Re: Ground Water Well Liquid Analysis
Work Order: 718356

Dear Diana Joyner:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on April 09, 2025. 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.

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,

Abigail Martin for
Delaney Stonesmith
Project Manager

Purchase Order: 4500901437
Chain of Custody: 631-250408-165237
Enclosures



GEL LABORATORIES LLC

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

Certificate of Analysis Report for

WNUC012 Westinghouse Electric (4500901437)

Client SDG: 718356 GEL Work Order: 718356

The Qualifiers in this report are defined as follows:

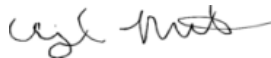
- * A quality control analyte recovery is outside of specified acceptance criteria
- ** Analyte is a Tracer compound
- ** Analyte is a surrogate compound
- B Either presence of analyte detected in the associated blank, or MDL/IDL < sample value < PQL
- J Value is estimated
- Q Certification for analyte-method was not held by lab.
- Q SC certification for analyte-method was not held by lab.
- Q SCDES certification for analyte-method was not held by lab.
- 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 8, 2025

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: TB1-20250408
Sample ID: 718356001
Matrix: Ground Water
Collect Date: 08-APR-25 09:10
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	AXH5	04/21/25	2138	2784694	1
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments										
1	SW846 8260D SC_NPDES											
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits							
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	50.1 ug/L	50.0	100	(74%-123%)							
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	45.1 ug/L	50.0	90	(76%-127%)							
Toluene-d8	SW846 8260 Volatiles "As Received"	52.3 ug/L	50.0	105	(77%-121%)							

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

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Certificate of Analysis

Report Date: May 8, 2025

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-81-2025-Q2
Sample ID: 718356002
Matrix: Ground Water
Collect Date: 08-APR-25 09:47
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Nitrate-N		4.05	0.132	0.400	mg/L		4	TXT1	04/09/25	1830	2779132	1
Fluoride	U	ND	0.0330	0.100	mg/L		1	TXT1	04/10/25	0818	2779132	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/08/25	1041	2788911	3
Uranium-238	J	0.143	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	05/08/25	1306	2788911	4
Calculation for Total U "See Parent Products"												
Total Uranium	J	0.143	0.0670	0.200	ug/L			BAJ	05/08/25	1543	2794832	5
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	AXH5	04/22/25	1237	2784694	6
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HS2	05/02/25	1425	2788908

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 300.0	
3	EPA 200.8	
4	EPA 200.8	
5	EPA 200.8	
6	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	48.9 ug/L	50.0	98	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	43.8 ug/L	50.0	88	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	51.1 ug/L	50.0	102	(77%-121%)

Notes:

GEL LABORATORIES LLC

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Certificate of Analysis

Report Date: May 8, 2025

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-81-2025-Q2
Sample ID: 718356002

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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

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Certificate of Analysis

Report Date: May 8, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-6-2025-Q2
Sample ID: 718356003
Matrix: Ground Water
Collect Date: 08-APR-25 09:55
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		0.846	0.132	0.400	mg/L		4	TXT1	04/09/25	1902	2779132	1
Nitrate-N		307	6.60	20.0	mg/L		200	TXT1	04/10/25	0300	2779132	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/08/25	1043	2788911	3
Uranium-238		0.456	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	05/08/25	1307	2788911	4
Calculation for Total U "See Parent Products"												
Total Uranium		0.456	0.0670	0.200	ug/L			BAJ	05/08/25	1543	2794832	5
Semi-Volatile-GC/MS												
8270 BNA "As Received"												
Naphthalene	U	ND	0.300	1.00	ug/L	0.00100	1	NM1	04/11/25	2254	2779719	6
Tributylphosphate	U	ND	3.00	10.0	ug/L	0.00100	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene		15.6	0.333	1.00	ug/L		1	AXH5	04/21/25	2228	2784694	7
Trichloroethylene		2.27	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene		2.25	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HS2	05/02/25	1425	2788908
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/11/25	1100	2779715

GEL LABORATORIES LLC

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Certificate of Analysis

Report Date: May 8, 2025

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-6-2025-Q2
Sample ID: 718356003

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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The following Analytical Methods were performed:

Method	Description	Analyst	Comments
1	EPA 300.0		
2	EPA 300.0		
3	EPA 200.8		
4	EPA 200.8		
5	EPA 200.8		
6	SW846 3510C/8270E		
7	SW846 8260D SC_NPDES		

Surrogate/Tracer	Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol		8270 BNA "As Received"	50.1 ug/L	100	50	(31%-126%)
Phenol-d5		8270 BNA "As Received"	19.1 ug/L	100	19	(15%-85%)
2-Fluorophenol		8270 BNA "As Received"	25.9 ug/L	100	26	(15%-72%)
Nitrobenzene-d5		8270 BNA "As Received"	24.2 ug/L	50.0	48	(34%-107%)
2-Fluorobiphenyl		8270 BNA "As Received"	25.2 ug/L	50.0	50	(35%-107%)
p-Terphenyl-d14		8270 BNA "As Received"	24.7 ug/L	50.0	49	(20%-118%)
Bromofluorobenzene		SW846 8260 Volatiles "As Received"	49.8 ug/L	50.0	100	(74%-123%)
1,2-Dichloroethane-d4		SW846 8260 Volatiles "As Received"	44.0 ug/L	50.0	88	(76%-127%)
Toluene-d8		SW846 8260 Volatiles "As Received"	52.4 ug/L	50.0	105	(77%-121%)

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: May 8, 2025

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-22-2025-Q2
Sample ID: 718356004
Matrix: Ground Water
Collect Date: 08-APR-25 10:55
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		4.64	0.132	0.400	mg/L		4	TXT1	04/09/25	1934	2779132	1
Nitrate-N		95.0	1.32	4.00	mg/L		40	TXT1	04/10/25	0332	2779132	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	J	0.0126	0.0100	0.0700	ug/L	1.00	1	BCD1	05/08/25	1044	2788911	3
Uranium-238		0.597	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	05/08/25	1309	2788911	4
Calculation for Total U "See Parent Products"												
Total Uranium		0.610	0.0670	0.200	ug/L			BAJ	05/08/25	1543	2794832	5
Semi-Volatile-GC/MS												
8270 BNA "As Received"												
Naphthalene	U	ND	0.300	1.00	ug/L	0.00100	1	NM1	04/11/25	2315	2779719	6
Tributylphosphate	U	ND	3.00	10.0	ug/L	0.00100	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	AXH5	04/21/25	2253	2784694	7
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HS2	05/02/25	1425	2788908
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/11/25	1100	2779715

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: May 8, 2025

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-22-2025-Q2
Sample ID: 718356004

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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The following Analytical Methods were performed:

Method	Description	Analyst	Comments
1	EPA 300.0		
2	EPA 300.0		
3	EPA 200.8		
4	EPA 200.8		
5	EPA 200.8		
6	SW846 3510C/8270E		
7	SW846 8260D SC_NPDES		

Surrogate/Tracer	Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol		8270 BNA "As Received"	47.7 ug/L	100	48	(31%-126%)
Phenol-d5		8270 BNA "As Received"	17.5 ug/L	100	17	(15%-85%)
2-Fluorophenol		8270 BNA "As Received"	22.3 ug/L	100	22	(15%-72%)
Nitrobenzene-d5		8270 BNA "As Received"	23.8 ug/L	50.0	48	(34%-107%)
2-Fluorobiphenyl		8270 BNA "As Received"	23.9 ug/L	50.0	48	(35%-107%)
p-Terphenyl-d14		8270 BNA "As Received"	18.1 ug/L	50.0	36	(20%-118%)
Bromofluorobenzene		SW846 8260 Volatiles "As Received"	48.8 ug/L	50.0	98	(74%-123%)
1,2-Dichloroethane-d4		SW846 8260 Volatiles "As Received"	44.6 ug/L	50.0	89	(76%-127%)
Toluene-d8		SW846 8260 Volatiles "As Received"	51.7 ug/L	50.0	103	(77%-121%)

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: May 8, 2025

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-76-2025-Q2
Sample ID: 718356005
Matrix: Ground Water
Collect Date: 08-APR-25 10:59
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		2.14	0.132	0.400	mg/L		4	TXT1	04/09/25	2006	2779132	1
Nitrate-N		12.8	0.132	0.400	mg/L		4					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235		0.129	0.0100	0.0700	ug/L	1.00	1	BCD1	05/08/25	1049	2788911	2
Uranium-238		3.79	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	05/08/25	1310	2788911	3
Calculation for Total U "See Parent Products"												
Total Uranium		3.92	0.0670	0.200	ug/L			BAJ	05/08/25	1543	2794832	4
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	J	0.630	0.333	1.00	ug/L		1	AXH5	04/21/25	2318	2784694	5
Trichloroethylene		10.5	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HS2	05/02/25	1425	2788908

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	47.4 ug/L	50.0	95	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	43.8 ug/L	50.0	88	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	51.4 ug/L	50.0	103	(77%-121%)

Notes:

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: May 8, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-76-2025-Q2
Sample ID: 718356005

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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

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Certificate of Analysis

Report Date: May 8, 2025

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-74-2025-Q2
Sample ID: 718356006
Matrix: Ground Water
Collect Date: 08-APR-25 12:10
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Nitrate-N		5.13	0.132	0.400	mg/L		4	TXT1	04/09/25	2037	2779132	1
Fluoride	U	ND	0.0330	0.100	mg/L		1	TXT1	04/10/25	0850	2779132	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/08/25	1101	2788911	3
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	05/08/25	1319	2788911	4
Calculation for Total U "See Parent Products"												
Total Uranium	U	ND	0.0670	0.200	ug/L			BAJ	05/08/25	1543	2794832	5
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene		5.08	0.333	1.00	ug/L		1	AXH5	04/21/25	2343	2784694	6
Trichloroethylene		1.33	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	J	0.480	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HS2	05/02/25	1425	2788908

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 300.0	
3	EPA 200.8	
4	EPA 200.8	
5	EPA 200.8	
6	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	47.7 ug/L	50.0	95	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	43.2 ug/L	50.0	86	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	51.4 ug/L	50.0	103	(77%-121%)

Notes:

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Certificate of Analysis

Report Date: May 8, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-74-2025-Q2
Sample ID: 718356006

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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 8, 2025

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-37-2025-Q2
Sample ID: 718356007
Matrix: Ground Water
Collect Date: 08-APR-25 12:24
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Nitrate-N		1.42	0.132	0.400	mg/L		4	TXT1	04/09/25	2109	2779132	1
Fluoride	J	0.0735	0.0330	0.100	mg/L		1	TXT1	04/10/25	0715	2779132	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/08/25	1103	2788911	3
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	05/08/25	1320	2788911	4
Calculation for Total U "See Parent Products"												
Total Uranium	U	ND	0.0670	0.200	ug/L			BAJ	05/08/25	1543	2794832	5
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	AXH5	04/22/25	0008	2784694	6
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HS2	05/02/25	1425	2788908
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/11/25	1100	2779715

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 300.0	
3	EPA 200.8	
4	EPA 200.8	
5	EPA 200.8	
6	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	48.3 ug/L	50.0	97	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	44.1 ug/L	50.0	88	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	51.7 ug/L	50.0	103	(77%-121%)

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Report Date: May 8, 2025

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Address : 5801 Bluff Road

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-37-2025-Q2
Sample ID: 718356007

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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 8, 2025

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-75-2025-Q2
Sample ID: 718356008
Matrix: Ground Water
Collect Date: 08-APR-25 13:05
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Nitrate-N		0.995	0.132	0.400	mg/L		4	TXT1	04/09/25	2141	2779132	1
Fluoride		0.102	0.0330	0.100	mg/L		1	TXT1	04/10/25	0747	2779132	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/08/25	1105	2788911	3
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	05/08/25	1322	2788911	4
Calculation for Total U "See Parent Products"												
Total Uranium	U	ND	0.0670	0.200	ug/L			BAJ	05/08/25	1543	2794832	5
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	J	0.500	0.333	1.00	ug/L		1	AXH5	04/22/25	0033	2784694	6
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HS2	05/02/25	1425	2788908

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 300.0	
3	EPA 200.8	
4	EPA 200.8	
5	EPA 200.8	
6	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	46.5 ug/L	50.0	93	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	43.7 ug/L	50.0	87	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	51.9 ug/L	50.0	104	(77%-121%)

Notes:

GEL LABORATORIES LLC

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Certificate of Analysis

Report Date: May 8, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-75-2025-Q2
Sample ID: 718356008

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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

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Certificate of Analysis

Report Date: May 8, 2025

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-54-2025-Q2
Sample ID: 718356009
Matrix: Ground Water
Collect Date: 08-APR-25 13:44
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Nitrate-N		1.17	0.132	0.400	mg/L		4	TXT1	04/09/25	2213	2779132	1
Fluoride		0.139	0.0330	0.100	mg/L		1	TXT1	04/10/25	2351	2779132	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/08/25	1106	2788911	3
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	05/08/25	1323	2788911	4
Calculation for Total U "See Parent Products"												
Total Uranium	U	ND	0.0670	0.200	ug/L			BAJ	05/08/25	1543	2794832	5
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	AXH5	04/22/25	0058	2784694	6
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HS2	05/02/25	1425	2788908

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 300.0	
3	EPA 200.8	
4	EPA 200.8	
5	EPA 200.8	
6	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	46.5 ug/L	50.0	93	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	43.1 ug/L	50.0	86	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	50.6 ug/L	50.0	101	(77%-121%)

Notes:

GEL LABORATORIES LLC

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Certificate of Analysis

Report Date: May 8, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-54-2025-Q2
Sample ID: 718356009

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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: May 8, 2025

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-73-2025-Q2
Sample ID: 718356010
Matrix: Ground Water
Collect Date: 08-APR-25 13:55
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Nitrate-N		0.985	0.132	0.400	mg/L		4	TXT1	04/09/25	2349	2779132	1
Fluoride	J	0.0679	0.0330	0.100	mg/L		1	TXT1	04/11/25	0023	2779132	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/08/25	1108	2788911	3
Uranium-238	J	0.117	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	05/08/25	1325	2788911	4
Calculation for Total U "See Parent Products"												
Total Uranium	J	0.117	0.0670	0.200	ug/L			BAJ	05/08/25	1543	2794832	5
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	J	0.420	0.333	1.00	ug/L		1	AXH5	04/22/25	0124	2784694	6
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HS2	05/02/25	1425	2788908

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 300.0	
3	EPA 200.8	
4	EPA 200.8	
5	EPA 200.8	
6	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	47.1 ug/L	50.0	94	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	43.6 ug/L	50.0	87	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	50.3 ug/L	50.0	101	(77%-121%)

Notes:

GEL LABORATORIES LLC

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Certificate of Analysis

Report Date: May 8, 2025

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-73-2025-Q2
Sample ID: 718356010

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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: May 8, 2025

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-73-2025-Q2-DUP
Sample ID: 718356011
Matrix: Ground Water
Collect Date: 08-APR-25 13:55
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Nitrate-N		0.977	0.132	0.400	mg/L		4	TXT1	04/10/25	0021	2779132	1
Fluoride	J	0.0706	0.0330	0.100	mg/L		1	TXT1	04/11/25	0055	2779132	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/08/25	1110	2788911	3
Uranium-238	J	0.125	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	05/08/25	1326	2788911	4
Calculation for Total U "See Parent Products"												
Total Uranium	J	0.125	0.0670	0.200	ug/L			BAJ	05/08/25	1543	2794832	5
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	J	0.390	0.333	1.00	ug/L		1	AXH5	04/22/25	0149	2784694	6
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HS2	05/02/25	1425	2788908

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 300.0	
3	EPA 200.8	
4	EPA 200.8	
5	EPA 200.8	
6	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	47.8 ug/L	50.0	96	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	43.9 ug/L	50.0	88	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	50.7 ug/L	50.0	101	(77%-121%)

Notes:

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

Certificate of Analysis

Report Date: May 8, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-73-2025-Q2-DUP
Sample ID: 718356011

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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

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Certificate of Analysis

Report Date: May 8, 2025

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-53-2025-Q2
Sample ID: 718356012
Matrix: Ground Water
Collect Date: 08-APR-25 14:50
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Nitrate-N		0.632	0.132	0.400	mg/L		4	TXT1	04/10/25	0052	2779132	1
Fluoride		0.120	0.0330	0.100	mg/L		1	TXT1	04/11/25	0127	2779132	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/08/25	1111	2788911	3
Uranium-238	J	0.100	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	05/08/25	1328	2788911	4
Calculation for Total U "See Parent Products"												
Total Uranium	J	0.100	0.0670	0.200	ug/L			BAJ	05/08/25	1543	2794832	5
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	AXH5	04/22/25	0214	2784694	6
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HS2	05/02/25	1425	2788908

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 300.0	
3	EPA 200.8	
4	EPA 200.8	
5	EPA 200.8	
6	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	45.1 ug/L	50.0	90	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	41.8 ug/L	50.0	84	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	49.7 ug/L	50.0	99	(77%-121%)

Notes:

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Certificate of Analysis

Report Date: May 8, 2025

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-53-2025-Q2
Sample ID: 718356012

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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

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Certificate of Analysis

Report Date: May 8, 2025

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-72-2025-Q2
Sample ID: 718356013
Matrix: Ground Water
Collect Date: 08-APR-25 14:55
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Nitrate-N		2.44	0.132	0.400	mg/L		4	TXT1	04/10/25	0124	2779132	1
Fluoride		0.323	0.0330	0.100	mg/L		1	TXT1	04/11/25	0159	2779132	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	J	0.0154	0.0100	0.0700	ug/L	1.00	1	BCD1	05/08/25	1226	2788911	3
Uranium-238		0.479	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	05/08/25	1332	2788911	4
Calculation for Total U "See Parent Products"												
Total Uranium		0.494	0.0670	0.200	ug/L			BAJ	05/08/25	1543	2794832	5
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	J	0.530	0.333	1.00	ug/L		1	AXH5	04/22/25	0239	2784694	6
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HS2	05/02/25	1425	2788908

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 300.0	
3	EPA 200.8	
4	EPA 200.8	
5	EPA 200.8	
6	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	47.3 ug/L	50.0	95	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	43.3 ug/L	50.0	87	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	50.7 ug/L	50.0	101	(77%-121%)

Notes:

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Certificate of Analysis

Report Date: May 8, 2025

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-72-2025-Q2
Sample ID: 718356013

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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 8, 2025

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: EB1-040825 Project: WNUC0002
Sample ID: 718356014 Client ID: WNUC012
Matrix: Ground Water
Collect Date: 08-APR-25 15:32
Receive Date: 09-APR-25
Collector: Client

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride	U	ND	0.0330	0.100	mg/L		1	TXT1	04/10/25	0156	2779132	1
Nitrate-N	J	0.0416	0.0330	0.100	mg/L		1					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/08/25	1125	2788911	2
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	05/08/25	1338	2788911	3
Calculation for Total U "See Parent Products"												
Total Uranium	U	ND	0.0670	0.200	ug/L			BAJ	05/08/25	1543	2794832	4
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	AXH5	04/22/25	0305	2784694	5
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HS2	05/02/25	1425	2788908

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	46.9 ug/L	50.0	94	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	43.7 ug/L	50.0	87	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	51.7 ug/L	50.0	103	(77%-121%)

Notes:

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Certificate of Analysis

Report Date: May 8, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: EB1-040825
Sample ID: 718356014

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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 8, 2025

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-52-2025-Q2
Sample ID: 718356015
Matrix: Ground Water
Collect Date: 08-APR-25 16:10
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		0.451	0.132	0.400	mg/L		4	TXT1	04/10/25	0228	2779132	1
Nitrate-N		1.17	0.132	0.400	mg/L		4					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	J	0.0486	0.0100	0.0700	ug/L	1.00	1	BCD1	05/08/25	1127	2788911	2
Uranium-238		1.75	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	05/08/25	1340	2788911	3
Calculation for Total U "See Parent Products"												
Total Uranium		1.80	0.0670	0.200	ug/L			BAJ	05/08/25	1543	2794832	4
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	AXH5	04/22/25	0330	2784694	5
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HS2	05/02/25	1425	2788908

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	46.7 ug/L	50.0	93	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	43.6 ug/L	50.0	87	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	51.0 ug/L	50.0	102	(77%-121%)

Notes:

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: May 8, 2025

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-52-2025-Q2
Sample ID: 718356015

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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

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Certificate of Analysis

Report Date: May 8, 2025

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: TB1-20250408
Sample ID: 718356001
Matrix: Ground Water
Collect Date: 08-APR-25 09:10
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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 8, 2025

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-81-2025-Q2
Sample ID: 718356002
Matrix: Ground Water
Collect Date: 08-APR-25 09:47
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	0.0347	+/-2.69	4.70	5.00	pCi/L			MJ3	05/01/25	1940	2784185	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			91.6	(15%-125%)								

Notes:

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

Column headers are defined as follows:

DF: Dilution Factor	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 8, 2025

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-6-2025-Q2
Sample ID: 718356003
Matrix: Ground Water
Collect Date: 08-APR-25 09:55
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99		1790	+/-20.7	4.55	5.00	pCi/L			MJ3	05/01/25	2007	2784185	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			94.7	(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: May 8, 2025

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-22-2025-Q2
Sample ID: 718356004
Matrix: Ground Water
Collect Date: 08-APR-25 10:55
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99		36.2	+/-3.91	4.54	5.00	pCi/L			MJ3	05/01/25	2034	2784185	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			94.9	(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 8, 2025

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-76-2025-Q2
Sample ID: 718356005
Matrix: Ground Water
Collect Date: 08-APR-25 10:59
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	0.174	+/-2.37	4.11	5.00	pCi/L			MJ3	05/04/25	1719	2784186	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			95.2	(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

GEL LABORATORIES LLC

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Certificate of Analysis

Report Date: May 8, 2025

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-74-2025-Q2
Sample ID: 718356006
Matrix: Ground Water
Collect Date: 08-APR-25 12:10
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	0.528	+/-2.36	4.08	5.00	pCi/L			MJ3	05/04/25	1751	2784186	1

The following Analytical Methods were performed:

Method		Description		Analyst Comments		
1		DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits	
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			95.9	(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

GEL LABORATORIES LLC

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Certificate of Analysis

Report Date: May 8, 2025

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-37-2025-Q2
Sample ID: 718356007
Matrix: Ground Water
Collect Date: 08-APR-25 12:24
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	0.760	+/-2.37	4.08	5.00	pCi/L			MJ3	05/04/25	1823	2784186	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments			
1	DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			95.9	(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 8, 2025

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-75-2025-Q2
Sample ID: 718356008
Matrix: Ground Water
Collect Date: 08-APR-25 13:05
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	-0.182	+/-2.34	4.09	5.00	pCi/L			MJ3	05/04/25	1855	2784186	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments			
1	DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			95.6	(15%-125%)

Notes:

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

Column headers are defined as follows:

DF: Dilution Factor	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 8, 2025

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-54-2025-Q2
Sample ID: 718356009
Matrix: Ground Water
Collect Date: 08-APR-25 13:44
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	1.03	+/-2.39	4.09	5.00	pCi/L			MJ3	05/04/25	1927	2784186	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			95.5	(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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Certificate of Analysis

Report Date: May 8, 2025

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-73-2025-Q2
Sample ID: 718356010
Matrix: Ground Water
Collect Date: 08-APR-25 13:55
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	0.135	+/-2.35	4.08	5.00	pCi/L			MJ3	05/04/25	1958	2784186	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			95.5	(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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Certificate of Analysis

Report Date: May 8, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-73-2025-Q2-DUP
Sample ID: 718356011
Matrix: Ground Water
Collect Date: 08-APR-25 13:55
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	0.111	+/-2.36	4.10	5.00	pCi/L			MJ3	05/04/25	2030	2784186	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			95.2	(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: May 8, 2025

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-53-2025-Q2
Sample ID: 718356012
Matrix: Ground Water
Collect Date: 08-APR-25 14:50
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	0.750	+/-2.33	4.01	5.00	pCi/L			MJ3	05/04/25	2102	2784186	1

The following Analytical Methods were performed:

Method		Description		Analyst Comments		
1		DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits	
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			97.2	(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: May 8, 2025

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-72-2025-Q2
Sample ID: 718356013
Matrix: Ground Water
Collect Date: 08-APR-25 14:55
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	0.770	+/-2.39	4.11	5.00	pCi/L			MJ3	05/04/25	2134	2784186	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			95.1	(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 8, 2025

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: EB1-040825
Sample ID: 718356014
Matrix: Ground Water
Collect Date: 08-APR-25 15:32
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	0.162	+/-2.34	4.07	5.00	pCi/L			MJ3	05/04/25	2206	2784186	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			95.5	(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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Certificate of Analysis

Report Date: May 8, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-52-2025-Q2
Sample ID: 718356015
Matrix: Ground Water
Collect Date: 08-APR-25 16:10
Receive Date: 09-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	0.426	+/-2.41	4.17	5.00	pCi/L			MJ3	05/04/25	2237	2784186	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments			
1	DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			93.9	(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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QC Summary

Report Date: May 8, 2025

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

Contact:
Workorder: 718356

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Ion Chromatography											
Batch	2779132										
QC1206065324	718356005	DUP									
Fluoride		2.14		2.28	mg/L	6.46		(0%-20%)	TXT1	04/10/25	04:04
Nitrate-N		12.8		13.0	mg/L	1.27		(0%-20%)			
QC1206065326	718356013	DUP									
Fluoride		0.323		0.321	mg/L	0.714	^	(+/-0.100)		04/11/25	02:31
Nitrate-N		2.44		2.45	mg/L	0.294		(0%-20%)		04/10/25	06:11
QC1206065323	LCS										
Fluoride	2.50			2.40	mg/L		96	(90%-110%)		04/09/25	17:59
Nitrate-N	2.50			2.40	mg/L		96.1	(90%-110%)			
QC1206065322	MB										
Fluoride			U	ND	mg/L					04/09/25	17:27
Nitrate-N			U	ND	mg/L						
QC1206065325	718356005	PS									
Fluoride	2.50	0.535		3.02	mg/L		99.3	(90%-110%)		04/10/25	04:35
Nitrate-N	2.50	3.20		5.91	mg/L		109	(90%-110%)			
QC1206065327	718356013	PS									
Fluoride	2.50	0.323		2.74	mg/L		96.8	(90%-110%)		04/11/25	03:02

GEL LABORATORIES LLC

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

QC Summary

Workorder: 718356

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Ion Chromatography											
Batch	2779132										
Nitrate-N	2.50	0.611		3.05	mg/L		97.6	(90%-110%)	TXT1	04/10/25	06:43
Metals Analysis - ICPMS											
Batch	2788911										
QC1206086996	718356005	DUP									
Uranium-234	U	ND	U	ND	ug/L	N/A			BCD1	05/08/25	13:11
Uranium-235		0.129		0.130	ug/L	1.47	^	(+/-0.0700)		05/08/25	10:51
Uranium-238		3.79		3.85	ug/L	1.7		(0%-20%)			
QC1206086999	718356013	DUP									
Uranium-234	U	ND	U	ND	ug/L	N/A				05/08/25	13:34
Uranium-235	J	0.0154	J	0.0151	ug/L	1.97	^	(+/-0.0700)		05/08/25	12:27
Uranium-238		0.479		0.475	ug/L	0.65	^	(+/-0.200)			
QC1206086995	LCS										
Uranium-238		49.6		51.5	ug/L		104	(85%-115%)		05/08/25	10:37
QC1206087025	LCS										
Uranium-234		0.550		0.683	ug/L		124*	(85%-115%)		05/08/25	13:04
QC1206087026	LCS										
Uranium-235		0.350		0.376	ug/L		107	(85%-115%)		05/08/25	10:39
QC1206086994	MB										
Uranium-234			U	ND	ug/L					05/08/25	13:03

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QC Summary

Workorder: 718356

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Metals Analysis - ICPMS											
Batch	2788911										
Uranium-235			U	ND	ug/L				BCD1	05/08/25	10:36
Uranium-238			U	ND	ug/L						
QC1206086997 718356005 MS											
Uranium-238	49.6	3.79		55.9	ug/L		105	(75%-125%)		05/08/25	10:53
QC1206087000 718356013 MS											
Uranium-238	49.6	0.479		53.8	ug/L		107	(75%-125%)		05/08/25	12:29
QC1206087027 718356005 MS											
Uranium-234	0.550 U	ND		0.567	ug/L		103	(75%-125%)		05/08/25	13:13
QC1206087028 718356005 MS											
Uranium-235	0.350	0.129		0.516	ug/L		111	(75%-125%)		05/08/25	10:54
QC1206087029 718356013 MS											
Uranium-234	0.550 U	ND		0.564	ug/L		102	(75%-125%)		05/08/25	13:35
QC1206087030 718356013 MS											
Uranium-235	0.350 J	0.0154		0.405	ug/L		111	(75%-125%)		05/08/25	12:31
QC1206086998 718356005 SDILT											
Uranium-234	U	ND	U	ND	ug/L	N/A		(0%-10%)		05/08/25	13:14
Uranium-235		0.129	J	0.0250	ug/L	2.72		(0%-10%)		05/08/25	10:56
Uranium-238		3.79		0.777	ug/L	2.59		(0%-10%)			
QC1206087001 718356013 SDILT											
Uranium-234	U	ND	U	ND	ug/L	N/A		(0%-10%)		05/08/25	13:37

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QC Summary

Workorder: 718356

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Metals Analysis - ICPMS											
Batch	2788911										
Uranium-235	J	0.0154	U	ND	ug/L	N/A		(0%-10%)	BCD1	05/08/25	12:40
Uranium-238		0.479	J	0.101	ug/L	5.22		(0%-10%)			
Semi-Volatile-GC/MS											
Batch	2779719										
QC1206066515	LCS										
Naphthalene	50.0			28.8	ug/L		58	(45%-106%)	NM1	04/11/25	17:19
Tributylphosphate	50.0			35.7	ug/L		71	(52%-133%)			
bis(2-Ethylhexyl)phthalate	50.0			34.2	ug/L		68	(43%-124%)			
**2,4,6-Tribromophenol	100			62.8	ug/L		63	(31%-126%)			
**2-Fluorobiphenyl	50.0			30.5	ug/L		61	(35%-107%)			
**2-Fluorophenol	100			33.0	ug/L		33	(15%-72%)			
**Nitrobenzene-d5	50.0			30.3	ug/L		61	(34%-107%)			
**Phenol-d5	100			27.5	ug/L		28	(15%-85%)			
**p-Terphenyl-d14	50.0			26.6	ug/L		53	(20%-118%)			
QC1206066514	MB										
Naphthalene			U	ND	ug/L					04/11/25	16:55
Tributylphosphate			U	ND	ug/L						

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QC Summary

Workorder: 718356

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch	2779719										
bis(2-Ethylhexyl)phthalate			U	ND	ug/L				NM1	04/11/25	16:55
**2,4,6-Tribromophenol	100			67.3	ug/L		67	(31%-126%)			
**2-Fluorobiphenyl	50.0			34.6	ug/L		69	(35%-107%)			
**2-Fluorophenol	100			34.8	ug/L		35	(15%-72%)			
**Nitrobenzene-d5	50.0			31.9	ug/L		64	(34%-107%)			
**Phenol-d5	100			24.9	ug/L		25	(15%-85%)			
**p-Terphenyl-d14	50.0			31.6	ug/L		63	(20%-118%)			
QC1206066518 718273004 MS											
Naphthalene	100	U	ND	57.5	ug/L		58	(31%-108%)		04/11/25	21:51
Tributylphosphate	100	U	ND	83.6	ug/L		84	(42%-142%)			
bis(2-Ethylhexyl)phthalate	100	U	ND	76.1	ug/L		76	(32%-128%)			
**2,4,6-Tribromophenol	200		53.1	146	ug/L		73	(31%-126%)			
**2-Fluorobiphenyl	100		27.3	65.1	ug/L		65	(35%-107%)			
**2-Fluorophenol	200		26.7	81.2	ug/L		41	(15%-72%)			
**Nitrobenzene-d5	100		26.7	62.4	ug/L		62	(34%-107%)			

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QC Summary

Workorder: 718356

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch	2779719										
QC1206066519	718273004	MSD									
**Phenol-d5	200		19.2		78.2	ug/L		39	(15%-85%)	NM1	04/11/25 21:51
**p-Terphenyl-d14	100		17.3		61.6	ug/L		62	(20%-118%)		
QC1206066519 718273004 MSD											
Naphthalene	100	U	ND		59.8	ug/L	4	60	(0%-30%)		04/11/25 22:12
Tributylphosphate	100	U	ND		77.9	ug/L	7	78	(0%-30%)		
bis(2-Ethylhexyl)phthalate	100	U	ND		78.0	ug/L	3	78	(0%-30%)		
**2,4,6-Tribromophenol	200		53.1		131	ug/L		65	(31%-126%)		
**2-Fluorobiphenyl	100		27.3		61.7	ug/L		62	(35%-107%)		
**2-Fluorophenol	200		26.7		86.8	ug/L		43	(15%-72%)		
**Nitrobenzene-d5	100		26.7		63.5	ug/L		63	(34%-107%)		
**Phenol-d5	200		19.2		77.7	ug/L		39	(15%-85%)		
**p-Terphenyl-d14	100		17.3		63.4	ug/L		63	(20%-118%)		
Volatile-GC/MS											
Batch	2784694										
QC1206077248	LCS										
Tetrachloroethylene	50.0				51.6	ug/L		103	(70%-130%)	AXH5	04/21/25 19:58
Trichloroethylene	50.0				47.4	ug/L		95	(76%-126%)		

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QC Summary

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch	2784694										
Vinyl chloride	50.0			38.7	ug/L		77	(63%-144%)	AXH5	04/21/25	19:58
cis-1,2-Dichloroethylene	50.0			47.3	ug/L		95	(73%-122%)			
**1,2-Dichloroethane-d4	50.0			46.1	ug/L		92	(76%-127%)			
**Bromofluorobenzene	50.0			49.2	ug/L		98	(74%-123%)			
**Toluene-d8	50.0			51.1	ug/L		102	(77%-121%)			
QC1206078586 LCS											
Tetrachloroethylene	50.0			56.0	ug/L		112	(70%-130%)		04/22/25	10:31
Trichloroethylene	50.0			49.2	ug/L		98	(76%-126%)			
Vinyl chloride	50.0			50.0	ug/L		100	(63%-144%)			
cis-1,2-Dichloroethylene	50.0			49.4	ug/L		99	(73%-122%)			
**1,2-Dichloroethane-d4	50.0			45.1	ug/L		90	(76%-127%)			
**Bromofluorobenzene	50.0			45.8	ug/L		92	(74%-123%)			
**Toluene-d8	50.0			51.5	ug/L		103	(77%-121%)			
QC1206077249 MB											
Tetrachloroethylene			U	ND	ug/L					04/21/25	21:13
Trichloroethylene			U	ND	ug/L						

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QC Summary

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch	2784694										
Vinyl chloride			U	ND	ug/L				AXH5	04/21/25	21:13
cis-1,2-Dichloroethylene			U	ND	ug/L						
**1,2-Dichloroethane-d4	50.0			44.3	ug/L		89	(76%-127%)			
**Bromofluorobenzene	50.0			48.9	ug/L		98	(74%-123%)			
**Toluene-d8	50.0			51.4	ug/L		103	(77%-121%)			
QC1206078587 MB											
Tetrachloroethylene			U	ND	ug/L					04/22/25	12:12
Trichloroethylene			U	ND	ug/L						
Vinyl chloride			U	ND	ug/L						
cis-1,2-Dichloroethylene			U	ND	ug/L						
**1,2-Dichloroethane-d4	50.0			44.8	ug/L		90	(76%-127%)			
**Bromofluorobenzene	50.0			47.7	ug/L		95	(74%-123%)			
**Toluene-d8	50.0			50.8	ug/L		102	(77%-121%)			
QC1206077250 718356005 MS											
Tetrachloroethylene	50.0	J	0.630	48.7	ug/L		96	(56%-126%)		04/22/25	03:55
Trichloroethylene	50.0		10.5	56.4	ug/L		92	(61%-130%)			

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QC Summary

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch	2784694										
Vinyl chloride	50.0	U	ND	42.3	ug/L		85	(49%-153%)	AXH5	04/22/25	03:55
cis-1,2-Dichloroethylene	50.0	U	ND	47.6	ug/L		95	(65%-128%)			
**1,2-Dichloroethane-d4	50.0		43.8	45.7	ug/L		91	(76%-127%)			
**Bromofluorobenzene	50.0		47.4	46.1	ug/L		92	(74%-123%)			
**Toluene-d8	50.0		51.4	51.3	ug/L		103	(77%-121%)			
QC1206077251 718356005 MSD											
Tetrachloroethylene	50.0	J	0.630	48.4	ug/L	1	96	(0%-20%)		04/22/25	04:21
Trichloroethylene	50.0		10.5	56.2	ug/L	0	91	(0%-20%)			
Vinyl chloride	50.0	U	ND	42.5	ug/L	0	85	(0%-20%)			
cis-1,2-Dichloroethylene	50.0	U	ND	48.8	ug/L	2	98	(0%-20%)			
**1,2-Dichloroethane-d4	50.0		43.8	45.8	ug/L		92	(76%-127%)			
**Bromofluorobenzene	50.0		47.4	46.1	ug/L		92	(74%-123%)			
**Toluene-d8	50.0		51.4	50.7	ug/L		101	(77%-121%)			

Notes:

The Qualifiers in this report are defined as follows:

- U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J Value is estimated
- P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, the difference is >70%.

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
C	Analyte has been confirmed by GC/MS analysis										
B	The target analyte was detected in the associated blank.										
E	Concentration of the target analyte exceeds the instrument calibration range										
A	The TIC is a suspected aldol-condensation product										
X	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
N	Metals--The Matrix spike sample recovery is not within specified control limits										
N	Organics--Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor										
H	Analytical holding time was exceeded										
**	Analyte is a surrogate compound										
<	Result is less than value reported										
>	Result is greater than value reported										
h	Preparation or preservation holding time was exceeded										
R	Sample results are rejected										
Z	Paint Filter Test--Particulates passed through the filter, however no free liquids were observed.										
d	5-day BOD--The 2:1 depletion requirement was not met for this sample										
^	RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.										
D	Results are reported from a diluted aliquot of the sample										
N/A	RPD or %Recovery limits do not apply.										
ND	Analyte concentration is not detected above the detection limit										
E	%difference of sample and SD is >10%. Sample concentration must meet flagging criteria										
NJ	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
E	General Chemistry--Concentration of the target analyte exceeds the instrument calibration range										
JNX	Non Calibrated Compound										
UJ	Compound cannot be extracted										
Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.										
FB	Mercury was found present at quantifiable concentrations in field blanks received with these samples. Data associated with the blank are deemed invalid for reporting to regulatory agencies										
N1	See case narrative										
Y	Other specific qualifiers were required to properly define the results. Consult case narrative.										
Y	QC Samples were not spiked with this compound										
R	Per section 9.3.4.1 of Method 1664 Revision B, due to matrix spike recovery issues, this result may not be reported or used for regulatory compliance purposes.										
N	Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor										
e	5-day BOD--Test replicates show more than 30% difference between high and low values. The data is qualified per the method and can be used for reporting purposes										
I	Analyte does not meet the Ion Abundance Ratio and should be considered an estimated concentration.										
FG	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
XG	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
G	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
x	Subaliquot was taken. See Case Narrative for details.										

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.

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QC Summary

Report Date: May 8, 2025

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Westinghouse Electric Co. LLC

5801 Bluff Road

Hopkins, South Carolina

Contact: Diana Joyner

Workorder: 718356

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Rad Liquid Scintillation											
Batch	2784185										
QC1206076142	717985001	DUP									
Technetium-99	U	0.513	U	1.76	pCi/L	N/A		N/A	MJ3	05/01/25	21:28
	Uncertainty	+/-2.52		+/-2.75							
QC1206076143	LCS										
Technetium-99	123			121	pCi/L		97.8	(75%-125%)		05/01/25	21:54
	Uncertainty			+/-5.91							
QC1206076141	MB										
Technetium-99			U	0.139	pCi/L					05/01/25	21:01
	Uncertainty			+/-2.65							
Batch	2784186										
QC1206076145	718356005	DUP									
Technetium-99	U	0.174	U	-0.614	pCi/L	N/A		N/A	MJ3	05/05/25	02:52
	Uncertainty	+/-2.37		+/-2.39							
QC1206076146	LCS										
Technetium-99	123			124	pCi/L		101	(75%-125%)		05/05/25	03:24
	Uncertainty			+/-5.57							
QC1206076144	MB										
Technetium-99			U	1.04	pCi/L					05/05/25	02:20
	Uncertainty			+/-2.61							

Notes:

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

The Qualifiers in this report are defined as follows:

- U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J Value is estimated
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- H Analytical holding time was exceeded
- < Result is less than value reported
- > Result is greater than value reported
- UI Gamma Spectroscopy--Uncertain identification
- BD Results are either below the MDC or tracer recovery is low
- h Preparation or preservation holding time was exceeded

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QC Summary

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
R	Sample results are rejected										
^	RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.										
N/A	RPD or %Recovery limits do not apply.										
ND	Analyte concentration is not detected above the detection limit										
M	M if above MDC and less than LLD										
NJ	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
FA	Failed analysis.										
UJ	Gamma Spectroscopy--Uncertain identification										
Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.										
K	Analyte present. Reported value may be biased high. Actual value is expected to be lower.										
UL	Not considered detected. The associated number is the reported concentration, which may be inaccurate due to a low bias.										
L	Analyte present. Reported value may be biased low. Actual value is expected to be higher.										
N1	See case narrative										
Y	Other specific qualifiers were required to properly define the results. Consult case narrative.										
**	Analyte is a Tracer compound										
M	REMP Result > MDC/CL and < RDL										
x	Subaliquot was taken. See Case Narrative for details.										

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.

**Technical Case Narrative
Westinghouse Electric
SDG #: 718356**

GC/MS Volatile

Product: Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer

Analytical Method: SW846 8260D SC_NPDES

Analytical Procedure: GL-OA-E-038 REV# 30

Analytical Batch: 2784694

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
718356001	TB1-20250408
718356002	W-81-2025-Q2
718356003	W-6-2025-Q2
718356004	W-22-2025-Q2
718356005	W-76-2025-Q2
718356006	W-74-2025-Q2
718356007	W-37-2025-Q2
718356008	W-75-2025-Q2
718356009	W-54-2025-Q2
718356010	W-73-2025-Q2
718356011	W-73-2025-Q2-DUP
718356012	W-53-2025-Q2
718356013	W-72-2025-Q2
718356014	EB1-040825
718356015	W-52-2025-Q2
1206077248	Laboratory Control Sample (LCS)
1206077249	Method Blank (MB)
1206077250	718356005(W-76-2025-Q2) Matrix Spike (MS)
1206077251	718356005(W-76-2025-Q2) Matrix Spike Duplicate (MSD)
1206078586	Laboratory Control Sample (LCS)
1206078587	Method Blank (MB)

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.

Calibration Information

Continuing Calibration Verification Requirements

All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Technical Information

Sample Re-extraction/Re-analysis

Sample 718356002 (W-81-2025-Q2) was re-analyzed due to unacceptable surrogate or internal standard recoveries

in the initial analysis. The re-analyses confirmed and/or passed and was reported.

GC/MS Semivolatile

Product: Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry

Analytical Method: SW846 3510C/8270E

Analytical Procedure: GL-OA-E-009 REV# 51

Analytical Batch: 2779719

Preparation Method: SW846 3510C

Preparation Procedure: GL-OA-E-013 REV# 36

Preparation Batch: 2779715

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
718356003	W-6-2025-Q2
718356004	W-22-2025-Q2
1206066514	Method Blank (MB)
1206066515	Laboratory Control Sample (LCS)
1206066518	718273004(NonSDG) Matrix Spike (MS)
1206066519	718273004(NonSDG) Matrix Spike Duplicate (MSD)

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.

Technical Information

Sample Re-extraction/Re-analysis

Sample 718356007 (W-37-2025-Q2) was re-extracted due to the initial extract containing water and being unable to be analyzed.

Miscellaneous Information

Additional Comments

Diphenylamine Statement

Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Metals

Product: Determination of Metals by ICP-MS

Analytical Method: EPA 200.8

Analytical Procedure: GL-MA-E-014 REV# 37

Analytical Batch: 2788911

Preparation Method: EPA 200.2

Preparation Procedure: GL-MA-E-016 REV# 19

Preparation Batch: 2788908

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
718356002	W-81-2025-Q2
718356003	W-6-2025-Q2
718356004	W-22-2025-Q2
718356005	W-76-2025-Q2
718356006	W-74-2025-Q2
718356007	W-37-2025-Q2
718356008	W-75-2025-Q2
718356009	W-54-2025-Q2
718356010	W-73-2025-Q2
718356011	W-73-2025-Q2-DUP
718356012	W-53-2025-Q2
718356013	W-72-2025-Q2
718356014	EB1-040825
718356015	W-52-2025-Q2
1206086994	Method Blank (MB) ICP-MS
1206086995	Laboratory Control Sample (LCS)
1206087025	Laboratory Control Sample (LCS)
1206087026	Laboratory Control Sample (LCS)
1206086998	718356005(W-76-2025-Q2L) Serial Dilution (SD)
1206087001	718356013(W-72-2025-Q2L) Serial Dilution (SD)
1206086996	718356005(W-76-2025-Q2D) Sample Duplicate (DUP)
1206086999	718356013(W-72-2025-Q2D) Sample Duplicate (DUP)
1206086997	718356005(W-76-2025-Q2S) Matrix Spike (MS)
1206087000	718356013(W-72-2025-Q2S) Matrix Spike (MS)
1206087027	718356005(W-76-2025-Q2S) Matrix Spike (MS)
1206087028	718356005(W-76-2025-Q2S) Matrix Spike (MS)
1206087029	718356013(W-72-2025-Q2S) Matrix Spike (MS)
1206087030	718356013(W-72-2025-Q2S) Matrix Spike (MS)

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.

Calibration Information

ICSA/ICSAB Statement

For the ICP-MS analysis, the ICSA solution contains analyte concentrations which are verified trace impurities indigenous to the purchased standard.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery

The analytes noted below recovered slightly high in the laboratory control sample (LCS), however, the sample in this SDG did not contain those analytes above the MDL, therefore the implied high bias did not adversely affect the results.

Sample	Analyte	Value
1206087025 (LCS)	Uranium-234	124* (85%-115%)

Product: Inorganic Calculations

Analytical Method: EPA 200.8

Analytical Procedure: GL-GC-E-107 REV# 11

Analytical Batch: 2794832

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
718356002	W-81-2025-Q2
718356003	W-6-2025-Q2
718356004	W-22-2025-Q2
718356005	W-76-2025-Q2
718356006	W-74-2025-Q2
718356007	W-37-2025-Q2
718356008	W-75-2025-Q2
718356009	W-54-2025-Q2
718356010	W-73-2025-Q2
718356011	W-73-2025-Q2-DUP
718356012	W-53-2025-Q2
718356013	W-72-2025-Q2
718356014	EB1-040825
718356015	W-52-2025-Q2

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.

General Chemistry

Product: Ion Chromatography

Analytical Method: EPA 300.0

Analytical Procedure: GL-GC-E-086 REV# 37

Analytical Batch: 2779132

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
718356002	W-81-2025-Q2
718356003	W-6-2025-Q2
718356004	W-22-2025-Q2

718356005	W-76-2025-Q2
718356006	W-74-2025-Q2
718356007	W-37-2025-Q2
718356008	W-75-2025-Q2
718356009	W-54-2025-Q2
718356010	W-73-2025-Q2
718356011	W-73-2025-Q2-DUP
718356012	W-53-2025-Q2
718356013	W-72-2025-Q2
718356014	EB1-040825
718356015	W-52-2025-Q2
1206065322	Method Blank (MB)
1206065323	Laboratory Control Sample (LCS)
1206065324	718356005(W-76-2025-Q2) Sample Duplicate (DUP)
1206065325	718356005(W-76-2025-Q2) Post Spike (PS)
1206065326	718356013(W-72-2025-Q2) Sample Duplicate (DUP)
1206065327	718356013(W-72-2025-Q2) Post Spike (PS)

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.

Technical Information

Sample Dilutions

The following samples 718356003 (W-6-2025-Q2) and 718356004 (W-22-2025-Q2) were diluted because target analyte concentrations exceeded the calibration range. The following samples 1206065324 (W-76-2025-Q2DUP), 1206065325 (W-76-2025-Q2PS), 1206065326 (W-72-2025-Q2DUP), 1206065327 (W-72-2025-Q2PS), 718356002 (W-81-2025-Q2), 718356003 (W-6-2025-Q2), 718356004 (W-22-2025-Q2), 718356005 (W-76-2025-Q2), 718356006 (W-74-2025-Q2), 718356007 (W-37-2025-Q2), 718356008 (W-75-2025-Q2), 718356009 (W-54-2025-Q2), 718356010 (W-73-2025-Q2), 718356011 (W-73-2025-Q2-DUP), 718356012 (W-53-2025-Q2), 718356013 (W-72-2025-Q2) and 718356015 (W-52-2025-Q2) in this sample group were diluted due to matrix interference. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Analyte	718356									
	002	003	004	005	006	007	008	009	010	011
Fluoride	1X	4X	4X	4X	1X	1X	1X	1X	1X	1X
Nitrate-N	4X	200X	40X	4X	4X	4X	4X	4X	4X	4X

Analyte	718356		
	012	013	015
Fluoride	1X	1X	4X
Nitrate-N	4X	4X	4X

Radiochemistry

Product: Liquid Scint Tc99, Liquid**Analytical Method:** DOE EML HASL-300, Tc-02-RC Modified**Analytical Procedure:** GL-RAD-A-059 REV# 5**Analytical Batch:** 2784185

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
718356002	W-81-2025-Q2
718356003	W-6-2025-Q2
718356004	W-22-2025-Q2
1206076141	Method Blank (MB)
1206076142	717985001(W-84-2025-Q2) Sample Duplicate (DUP)
1206076143	Laboratory Control Sample (LCS)

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: Liquid Scint Tc99, Liquid**Analytical Method:** DOE EML HASL-300, Tc-02-RC Modified**Analytical Procedure:** GL-RAD-A-059 REV# 5**Analytical Batch:** 2784186

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
718356005	W-76-2025-Q2
718356006	W-74-2025-Q2
718356007	W-37-2025-Q2
718356008	W-75-2025-Q2
718356009	W-54-2025-Q2
718356010	W-73-2025-Q2
718356011	W-73-2025-Q2-DUP
718356012	W-53-2025-Q2
718356013	W-72-2025-Q2
718356014	EB1-040825
718356015	W-52-2025-Q2
1206076144	Method Blank (MB)
1206076145	718356005(W-76-2025-Q2) Sample Duplicate (DUP)
1206076146	Laboratory Control Sample (LCS)

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.

Matrix codes: WG=groundwater, WS=surface water, WW=wastewater, SO=soil, SE=sediment

Sample ID	Date	Matrix	Grab or Composite	Total # of Containers	Preservative	Remarks	Fluoride 300.0	ISO & TOTAL UICPMS	Nitrate 353.2	Select SVOCs	Select VOCs	HCl	HNO3	Cooler Count: 2 Shipping Company: GEL TAT: Standard
TB1-20250408	2025-04-08 09:10	WQ	G	3-2										
W-81-2025-Q2	2025-04-08 09:47	WG	G	6-5										
W-6-2025-Q2	2025-04-08 09:55	WG	G	8-1										
W-22-2025-Q2	2025-04-08 10:55	WG	G	8-1										
W-76-2025-Q2	2025-04-08 10:59	WG	G	6-5										
W-76-2025-Q2-MS	2025-04-08 10:59	WQ	G	6-5										
W-76-2025-Q2-MSD	2025-04-08 10:59	WQ	G	6-5										
W-74-2025-Q2	2025-04-08 12:10	WG	G	6-5										
W-37-2025-Q2	2025-04-08 12:24	WG	G	8-1										
W-75-2025-Q2	2025-04-08 13:05	WG	G	6-5										

Relinquished by:

Rhodes

Date/Time:

4/9/25 09:38

Received by:

DJP

Date/Time:

4-9-25 12:40

Comments: «»

4/9/25 12:40

Columbia Fuel Fabrication Facility

5001 Bluff Rd
Hopkins, SC

Contact Name: Diana Joyner

PO #:

Report to:

Invoice to:

Cooler Count: 2

Shipping Company: GEL

TAT: Standard

Sampler(s):

Diana Joyner
Diana Joyner

Sample ID	Date	Matrix	Grab or Composite	Total # of Containers	Preservative	None	HNO3	None	Select SVOCs	HCl	Tc-99						
W-54-2025-Q2	2025-04-08 13:44	WG	G	65	Filtered	N	N	N	N	N	X	X	X	X	X	X	X
W-73-2025-Q2	2025-04-08 13:55	WG	G	65		X	X	X	X	X	X	X	X	X	X	X	X
W-73-2025-Q2-DUP	2025-04-08 13:55	WG	G	65		X	X	X	X	X	X	X	X	X	X	X	X
W-53-2025-Q2	2025-04-08 14:50	WG	G	65		X	X	X	X	X	X	X	X	X	X	X	X
W-72-2025-Q2	2025-04-08 14:55	WG	G	65		X	X	X	X	X	X	X	X	X	X	X	X
EB1-040825	2025-04-08 15:32	WQ	G	65		X	X	X	X	X	X	X	X	X	X	X	X
W-52-2025-Q2	2025-04-08 16:10	WG	G	65		X	X	X	X	X	X	X	X	X	X	X	X

Relinquished by:

Diana Joyner

Received by:

DJP
JH Seal

Date/Time:

4/9/25 12:40
4/9/25 17:20

Date/Time:

4/9/25 12:40
4/9/25 17:20

Comments: «»

GEL Laboratories LLC		SAMPLE RECEIPT & REVIEW FORM	
Client: <u>WNUC</u>		SDG/AR/COC/Work Order: <u>718354</u>	
Received By: <u>JAW</u>		Date Received at GEL: <u>4/9/25</u>	
Carrier (Circle Applicable) FedEx Express FedEx Ground UPS Field Services <u>Courier</u> Client Other:		IR Temp gun # <u>J424</u> Daily Calibration Performed <u>Y/N</u>	
Tracking Number N/A	Temp (C) 19	Tracking Number RCHEM	Temp (C)
Suspected Hazard Information		*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 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): <u>106</u> CPM/mR/Hr Classified as: <u>Rad 1</u> 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		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 <u>None</u> 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:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	☒	If Preservation added, Lot#: _____ 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 <u>Am</u> Date <u>4/15/25</u>			
☐ Continuation Form Required when selected			

List of current GEL Certifications as of 08 May 2025

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	2023019
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approv	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	2023-152
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of L	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122024-45
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

May 07, 2025

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

Re: Ground Water Well Liquid Analysis
Work Order: 718425

Dear Diana Joyner:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on April 10, 2025. 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.

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,

Abigail Martin for
Delaney Stonesmith
Project Manager

Purchase Order: 4500901437
Chain of Custody: 631-250409-151251
Enclosures



GEL LABORATORIES LLC

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

Certificate of Analysis Report for

WNUC012 Westinghouse Electric (4500901437)

Client SDG: 718425 GEL Work Order: 718425

The Qualifiers in this report are defined as follows:

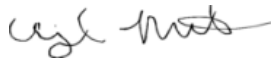
- * A quality control analyte recovery is outside of specified acceptance criteria
- ** Analyte is a Tracer compound
- ** Analyte is a surrogate compound
- B Either presence of analyte detected in the associated blank, or MDL/IDL < sample value < PQL
- H Analytical holding time was exceeded
- J Value is estimated
- Q SC certification for analyte-method was not held by lab.
- 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 7, 2025

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-51-2025-Q2
Sample ID: 718425001
Matrix: Ground Water
Collect Date: 09-APR-25 09:10
Receive Date: 10-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		0.176	0.0330	0.100	mg/L		1	RXB5	04/10/25	1422	2779585	1
Nitrate-N	U	ND	0.0330	0.100	mg/L		1					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/07/25	1221	2789050	2
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	05/07/25	1307	2789050	3
Calculation for Total U "See Parent Products"												
Total Uranium	U	ND	0.0670	0.200	ug/L			BAJ	05/07/25	1428	2794001	4
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	AXH5	04/23/25	1344	2786371	5
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HC1	05/05/25	1020	2789049

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	45.7 ug/L	50.0	91	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	42.2 ug/L	50.0	84	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	49.6 ug/L	50.0	99	(77%-121%)

Notes:

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: May 7, 2025

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-51-2025-Q2
Sample ID: 718425001

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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: May 7, 2025

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-45-2025-Q2
Sample ID: 718425002
Matrix: Ground Water
Collect Date: 09-APR-25 10:40
Receive Date: 10-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		0.542	0.0330	0.100	mg/L		1	RXB5	04/10/25	1453	2779585	1
Nitrate-N	J	0.188	0.0660	0.200	mg/L		2	RXB5	04/10/25	2034	2779585	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	J	0.0117	0.0100	0.0700	ug/L	1.00	1	BCD1	05/07/25	1232	2789050	3
Uranium-238		0.471	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	05/07/25	1316	2789050	4
Calculation for Total U "See Parent Products"												
Total Uranium		0.483	0.0670	0.200	ug/L			BAJ	05/07/25	1428	2794001	5
Semi-Volatile-GC/MS												
8270 BNA "As Received"												
Naphthalene		24.3	0.300	1.00	ug/L	0.00100	1	NM1	04/16/25	0055	2781319	6
Tributylphosphate	U	ND	3.00	10.0	ug/L	0.00100	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	AXH5	04/23/25	1409	2786371	7
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/25	1122	2781316
EPA 200.2	ICP-MS 200.2 PREP	HC1	05/05/25	1020	2789049

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: May 7, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-45-2025-Q2
Sample ID: 718425002

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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The following Analytical Methods were performed:

Method	Description	Analyst	Comments
1	EPA 300.0		
2	EPA 300.0		
3	EPA 200.8		
4	EPA 200.8		
5	EPA 200.8		
6	SW846 3510C/8270E		
7	SW846 8260D SC_NPDES		

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	8270 BNA "As Received"	51.3 ug/L	100	51	(31%-126%)
Phenol-d5	8270 BNA "As Received"	17.1 ug/L	100	17	(15%-85%)
2-Fluorophenol	8270 BNA "As Received"	22.4 ug/L	100	22	(15%-72%)
Nitrobenzene-d5	8270 BNA "As Received"	22.7 ug/L	50.0	45	(34%-107%)
2-Fluorobiphenyl	8270 BNA "As Received"	23.8 ug/L	50.0	48	(35%-107%)
p-Terphenyl-d14	8270 BNA "As Received"	19.0 ug/L	50.0	38	(20%-118%)
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	46.5 ug/L	50.0	93	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	43.5 ug/L	50.0	87	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	49.7 ug/L	50.0	99	(77%-121%)

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: May 7, 2025

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-RW1-2025-Q2
Sample ID: 718425003
Matrix: Ground Water
Collect Date: 09-APR-25 11:45
Receive Date: 10-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride	J	0.0611	0.0330	0.100	mg/L		1	RXB5	04/10/25	1524	2779585	1
Nitrate-N		1.22	0.0330	0.100	mg/L		1					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/07/25	1233	2789050	2
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	05/07/25	1318	2789050	3
Calculation for Total U "See Parent Products"												
Total Uranium	U	ND	0.0670	0.200	ug/L			BAJ	05/07/25	1428	2794001	4
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene		1.38	0.333	1.00	ug/L		1	AXH5	04/23/25	1434	2786371	5
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HC1	05/05/25	1020	2789049

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	48.6 ug/L	50.0	97	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	45.4 ug/L	50.0	91	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	51.2 ug/L	50.0	102	(77%-121%)

Notes:

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: May 7, 2025

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-RW1-2025-Q2
Sample ID: 718425003

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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: May 7, 2025

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-35-2025-Q2
Sample ID: 718425004
Matrix: Ground Water
Collect Date: 09-APR-25 13:05
Receive Date: 10-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride	J	0.0471	0.0330	0.100	mg/L		1	RXB5	04/10/25	1555	2779585	1
Nitrate-N		2.44	0.0330	0.100	mg/L		1					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/07/25	1235	2789050	2
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	05/07/25	1319	2789050	3
Calculation for Total U "See Parent Products"												
Total Uranium	U	ND	0.0670	0.200	ug/L			BAJ	05/07/25	1428	2794001	4
Semi-Volatile-GC/MS												
8270 BNA "As Received"												
Naphthalene	U	ND	0.300	1.00	ug/L	0.00100	1	NM1	04/16/25	0116	2781319	5
Tributylphosphate	U	ND	3.00	10.0	ug/L	0.00100	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	J	0.920	0.333	1.00	ug/L		1	AXH5	04/23/25	1459	2786371	6
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HC1	05/05/25	1020	2789049
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/25	1122	2781316

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Certificate of Analysis

Report Date: May 7, 2025

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-35-2025-Q2
Sample ID: 718425004

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
The following Analytical Methods were performed:												
Method	Description						Analyst Comments					
1	EPA 300.0											
2	EPA 200.8											
3	EPA 200.8											
4	EPA 200.8											
5	SW846 3510C/8270E											
6	SW846 8260D SC_NPDES											
Surrogate/Tracer Recovery	Test				Result	Nominal	Recovery%	Acceptable Limits				
2,4,6-Tribromophenol	8270 BNA "As Received"				63.4 ug/L	100	63	(31%-126%)				
Phenol-d5	8270 BNA "As Received"				23.9 ug/L	100	24	(15%-85%)				
2-Fluorophenol	8270 BNA "As Received"				33.1 ug/L	100	33	(15%-72%)				
Nitrobenzene-d5	8270 BNA "As Received"				32.1 ug/L	50.0	64	(34%-107%)				
2-Fluorobiphenyl	8270 BNA "As Received"				31.0 ug/L	50.0	62	(35%-107%)				
p-Terphenyl-d14	8270 BNA "As Received"				26.4 ug/L	50.0	53	(20%-118%)				
Bromofluorobenzene	SW846 8260 Volatiles "As Received"				47.7 ug/L	50.0	95	(74%-123%)				
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"				43.8 ug/L	50.0	88	(76%-127%)				
Toluene-d8	SW846 8260 Volatiles "As Received"				50.5 ug/L	50.0	101	(77%-121%)				

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 7, 2025

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-122-2025-Q2
Sample ID: 718425005
Matrix: Ground Water
Collect Date: 09-APR-25 14:06
Receive Date: 10-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride	J	0.0393	0.0330	0.100	mg/L		1	RXB5	04/10/25	1626	2779585	1
Nitrate-N	J	0.0396	0.0330	0.100	mg/L		1					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/07/25	1236	2789050	2
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	05/07/25	1321	2789050	3
Calculation for Total U "See Parent Products"												
Total Uranium	U	ND	0.0670	0.200	ug/L			BAJ	05/07/25	1428	2794001	4
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	AXH5	04/23/25	1524	2786371	5
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HC1	05/05/25	1020	2789049

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	48.5 ug/L	50.0	97	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	44.7 ug/L	50.0	89	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	51.1 ug/L	50.0	102	(77%-121%)

Notes:

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Certificate of Analysis

Report Date: May 7, 2025

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-122-2025-Q2
Sample ID: 718425005

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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 7, 2025

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-87-2025-Q2
Sample ID: 718425006
Matrix: Ground Water
Collect Date: 09-APR-25 14:25
Receive Date: 10-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride	J	0.0835	0.0330	0.100	mg/L		1	RXB5	04/10/25	1656	2779585	1
Nitrate-N		0.759	0.0330	0.100	mg/L		1					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	BCD1	05/07/25	1238	2789050	2
Uranium-238		0.245	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	BCD1	05/07/25	1322	2789050	3
Calculation for Total U "See Parent Products"												
Total Uranium		0.245	0.0670	0.200	ug/L			BAJ	05/07/25	1428	2794001	4
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene		13.8	0.333	1.00	ug/L		1	AXH5	04/23/25	1549	2786371	5
Trichloroethylene		3.46	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HC1	05/05/25	1020	2789049

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	47.8 ug/L	50.0	96	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	45.3 ug/L	50.0	91	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	52.0 ug/L	50.0	104	(77%-121%)

Notes:

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Certificate of Analysis

Report Date: May 7, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-87-2025-Q2
Sample ID: 718425006

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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 7, 2025

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: TB1-20250409
Sample ID: 718425007
Matrix: Ground Water
Collect Date: 09-APR-25 14:40
Receive Date: 10-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	AXH5	04/23/25	1615	2786371	1
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments										
1	SW846 8260D SC_NPDES											
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits							
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	45.9 ug/L	50.0	92	(74%-123%)							
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	42.6 ug/L	50.0	85	(76%-127%)							
Toluene-d8	SW846 8260 Volatiles "As Received"	49.1 ug/L	50.0	98	(77%-121%)							

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 7, 2025

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-51-2025-Q2
Sample ID: 718425001
Matrix: Ground Water
Collect Date: 09-APR-25 09:10
Receive Date: 10-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	1.78	+/-2.46	4.16	5.00	pCi/L			MJ3	05/04/25	2309	2784186	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments			
1	DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			93.9	(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 7, 2025

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-45-2025-Q2
Sample ID: 718425002
Matrix: Ground Water
Collect Date: 09-APR-25 10:40
Receive Date: 10-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	0.861	+/-2.42	4.16	5.00	pCi/L			MJ3	05/04/25	2341	2784186	1

The following Analytical Methods were performed:

Method		Description		Analyst Comments		
1		DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits	
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			93.9	(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

GEL LABORATORIES LLC

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Certificate of Analysis

Report Date: May 7, 2025

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-RW1-2025-Q2
Sample ID: 718425003
Matrix: Ground Water
Collect Date: 09-APR-25 11:45
Receive Date: 10-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	-0.663	+/-2.36	4.16	5.00	pCi/L			MJ3	05/05/25	0013	2784186	1

The following Analytical Methods were performed:

Method		Description		Analyst Comments		
1		DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits	
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			93.5	(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

GEL LABORATORIES LLC

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Certificate of Analysis

Report Date: May 7, 2025

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-35-2025-Q2
Sample ID: 718425004
Matrix: Ground Water
Collect Date: 09-APR-25 13:05
Receive Date: 10-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	-0.399	+/-2.42	4.24	5.00	pCi/L			MJ3	05/05/25	0045	2784186	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			92	(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 7, 2025

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-122-2025-Q2
Sample ID: 718425005
Matrix: Ground Water
Collect Date: 09-APR-25 14:06
Receive Date: 10-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	-1.92	+/-2.41	4.33	5.00	pCi/L			MJ3	05/05/25	0116	2784186	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			90.5	(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

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: May 7, 2025

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-87-2025-Q2
Sample ID: 718425006
Matrix: Ground Water
Collect Date: 09-APR-25 14:25
Receive Date: 10-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	0.548	+/-2.53	4.37	5.00	pCi/L			MJ3	05/05/25	0148	2784186	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			89.1	(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 7, 2025

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: TB1-20250409
Sample ID: 718425007
Matrix: Ground Water
Collect Date: 09-APR-25 14:40
Receive Date: 10-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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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QC Summary

Report Date: May 7, 2025

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

Contact:

Workorder: 718425

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Ion Chromatography											
Batch	2779585										
QC1206066268	718442005	DUP									
Fluoride		0.246		0.252	mg/L	2.21	^	(+/-0.100)	RXB5	04/10/25	19:31
Nitrate-N		1.32	H	1.30	mg/L	1.44		(0%-20%)			
QC1206066267	LCS										
Fluoride	2.50			2.48	mg/L			99.4	(90%-110%)	04/10/25	19:00
Nitrate-N	2.50			2.41	mg/L			96.4	(90%-110%)		
QC1206066266	MB										
Fluoride			U	ND	mg/L					04/10/25	18:29
Nitrate-N			U	ND	mg/L						
QC1206066269	718442005	PS									
Fluoride	2.50	0.246		2.84	mg/L			104	(90%-110%)	04/10/25	20:02
Nitrate-N	2.50	1.32	H	3.90	mg/L			103	(90%-110%)		
Metals Analysis - ICPMS											
Batch	2789050										
QC1206087390	718425001	DUP									
Uranium-234	U	ND	U	ND	ug/L	N/A			BCD1	05/07/25	13:09
Uranium-235	U	ND	U	ND	ug/L	N/A				05/07/25	12:23
Uranium-238	U	ND	U	ND	ug/L	N/A					

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QC Summary

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Metals Analysis - ICPMS											
Batch	2789050										
QC1206087389	LCS										
Uranium-238	49.6			51.0	ug/L		103	(85%-115%)	BCD1	05/07/25	12:18
QC1206087395	LCS										
Uranium-234	0.550			0.608	ug/L		111	(85%-115%)		05/07/25	13:06
QC1206087396	LCS										
Uranium-235	0.350			0.359	ug/L		103	(85%-115%)		05/07/25	12:20
QC1206087388	MB										
Uranium-234			U	ND	ug/L					05/07/25	13:04
Uranium-235			U	ND	ug/L					05/07/25	12:17
Uranium-238			U	ND	ug/L						
QC1206087391	718425001	MS									
Uranium-238	49.6	U	ND	52.3	ug/L		105	(75%-125%)		05/07/25	12:24
QC1206087393	718425001	MS									
Uranium-234	0.550	U	ND	0.591	ug/L		107	(75%-125%)		05/07/25	13:10
QC1206087394	718425001	MS									
Uranium-235	0.350	U	ND	0.367	ug/L		105	(75%-125%)		05/07/25	12:26
QC1206087392	718425001	SDILT									
Uranium-234		U	ND	U	ND	ug/L	N/A	(0%-10%)		05/07/25	13:12
Uranium-235		U	ND	U	ND	ug/L	N/A	(0%-10%)		05/07/25	12:27
Uranium-238		U	ND	U	ND	ug/L	N/A	(0%-10%)			

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QC Summary

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch	2781319										
QC1206069957 LCS											
Naphthalene	50.0			34.7	ug/L		69	(45%-106%)	NM1	04/15/25	19:21
Tributylphosphate	50.0			43.9	ug/L		88	(52%-133%)			
bis(2-Ethylhexyl)phthalate	50.0			39.2	ug/L		78	(43%-124%)			
**2,4,6-Tribromophenol	100			70.3	ug/L		70	(31%-126%)			
**2-Fluorobiphenyl	50.0			35.3	ug/L		71	(35%-107%)			
**2-Fluorophenol	100			32.7	ug/L		33	(15%-72%)			
**Nitrobenzene-d5	50.0			36.8	ug/L		74	(34%-107%)			
**Phenol-d5	100			26.6	ug/L		27	(15%-85%)			
**p-Terphenyl-d14	50.0			28.3	ug/L		57	(20%-118%)			
QC1206069956 MB											
Naphthalene			U	ND	ug/L					04/15/25	19:00
Tributylphosphate			U	ND	ug/L						
bis(2-Ethylhexyl)phthalate			U	ND	ug/L						
**2,4,6-Tribromophenol	100			78.5	ug/L		79	(31%-126%)			
**2-Fluorobiphenyl	50.0			39.2	ug/L		78	(35%-107%)			

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QC Summary

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch	2781319										
**2-Fluorophenol	100			43.4	ug/L		43	(15%-72%)	NM1	04/15/25	19:00
**Nitrobenzene-d5	50.0			39.1	ug/L		78	(34%-107%)			
**Phenol-d5	100			30.7	ug/L		31	(15%-85%)			
**p-Terphenyl-d14	50.0			35.6	ug/L		71	(20%-118%)			
QC1206069958 718407010 MS Naphthalene	100	U	ND	63.1	ug/L		63	(31%-108%)		04/15/25	20:23
Tributylphosphate	100	U	ND	84.5	ug/L		84	(42%-142%)			
bis(2-Ethylhexyl)phthalate	100	U	ND	79.7	ug/L		80	(32%-128%)			
**2,4,6-Tribromophenol	200		63.2	145	ug/L		72	(31%-126%)			
**2-Fluorobiphenyl	100		34.2	65.5	ug/L		66	(35%-107%)			
**2-Fluorophenol	200		35.2	91.8	ug/L		46	(15%-72%)			
**Nitrobenzene-d5	100		33.4	67.0	ug/L		67	(34%-107%)			
**Phenol-d5	200		24.1	80.7	ug/L		40	(15%-85%)			
**p-Terphenyl-d14	100		23.5	63.5	ug/L		64	(20%-118%)			
QC1206069959 718407010 MSD Naphthalene	100	U	ND	64.3	ug/L	2	64	(0%-30%)		04/15/25	20:44

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch	2781319										
Tributylphosphate	100	U	ND	84.9	ug/L	0	85	(0%-30%)	NM1	04/15/25	20:44
bis(2-Ethylhexyl)phthalate	100	U	ND	80.1	ug/L	1	80	(0%-30%)			
**2,4,6-Tribromophenol	200		63.2	144	ug/L		72	(31%-126%)			
**2-Fluorobiphenyl	100		34.2	67.6	ug/L		68	(35%-107%)			
**2-Fluorophenol	200		35.2	95.6	ug/L		48	(15%-72%)			
**Nitrobenzene-d5	100		33.4	68.6	ug/L		69	(34%-107%)			
**Phenol-d5	200		24.1	83.8	ug/L		42	(15%-85%)			
**p-Terphenyl-d14	100		23.5	66.0	ug/L		66	(20%-118%)			
Volatile-GC/MS											
Batch	2786371										
QC1206081371	LCS										
Tetrachloroethylene	50.0			46.8	ug/L		94	(70%-130%)	AXH5	04/23/25	09:08
Trichloroethylene	50.0			42.6	ug/L		85	(76%-126%)			
Vinyl chloride	50.0			51.3	ug/L		103	(63%-144%)			
cis-1,2-Dichloroethylene	50.0			42.2	ug/L		84	(73%-122%)			
**1,2-Dichloroethane-d4	50.0			43.4	ug/L		87	(76%-127%)			

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch	2786371										
**Bromofluorobenzene	50.0			47.0	ug/L		94	(74%-123%)	AXH5	04/23/25	09:08
**Toluene-d8	50.0			49.9	ug/L		100	(77%-121%)			
QC1206081372 MB											
Tetrachloroethylene			U	ND	ug/L					04/23/25	10:24
Trichloroethylene			U	ND	ug/L						
Vinyl chloride			U	ND	ug/L						
cis-1,2-Dichloroethylene			U	ND	ug/L						
**1,2-Dichloroethane-d4	50.0			43.6	ug/L		87	(76%-127%)			
**Bromofluorobenzene	50.0			47.6	ug/L		95	(74%-123%)			
**Toluene-d8	50.0			50.7	ug/L		101	(77%-121%)			
QC1206081373 719040001 MS											
Tetrachloroethylene	50.0	U	ND	41.5	ug/L		83	(56%-126%)		04/23/25	18:45
Trichloroethylene	50.0	U	ND	37.5	ug/L		75	(61%-130%)			
Vinyl chloride	50.0	U	ND	47.9	ug/L		96	(49%-153%)			
cis-1,2-Dichloroethylene	50.0	U	ND	37.6	ug/L		75	(65%-128%)			
**1,2-Dichloroethane-d4	50.0		43.0	44.4	ug/L		89	(76%-127%)			

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch	2786371										
**Bromofluorobenzene	50.0	46.5		46.6	ug/L		93	(74%-123%)	AXH5	04/23/25	18:45
**Toluene-d8	50.0	50.5		50.6	ug/L		101	(77%-121%)			
QC1206081374 719040001 MSD											
Tetrachloroethylene	50.0	U	ND	35.1	ug/L	17	70	(0%-20%)		04/23/25	19:10
Trichloroethylene	50.0	U	ND	38.4	ug/L	2	77	(0%-20%)			
Vinyl chloride	50.0	U	ND	49.7	ug/L	4	99	(0%-20%)			
cis-1,2-Dichloroethylene	50.0	U	ND	39.3	ug/L	4	79	(0%-20%)			
**1,2-Dichloroethane-d4	50.0	43.0		44.3	ug/L		89	(76%-127%)			
**Bromofluorobenzene	50.0	46.5		45.5	ug/L		91	(74%-123%)			
**Toluene-d8	50.0	50.5		42.6	ug/L		85	(77%-121%)			

Notes:

The Qualifiers in this report are defined as follows:

- U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J Value is estimated
- P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, the difference is >70%.
- C Analyte has been confirmed by GC/MS analysis
- B The target analyte was detected in the associated blank.
- E Concentration of the target analyte exceeds the instrument calibration range
- A The TIC is a suspected aldol-condensation product
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- N Metals--The Matrix spike sample recovery is not within specified control limits
- N Organics--Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
H											
**											
<											
>											
h											
R											
Z											
d											
^											
D											
N/A											
ND											
E											
NJ											
E											
JNX											
UJ											
Q											
FB											
N1											
Y											
Y											
R											
N											
e											
I											
FG											
XG											
G											
x											

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

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QC Summary

Report Date: May 7, 2025

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Westinghouse Electric Co. LLC

5801 Bluff Road

Hopkins, South Carolina

Contact: Diana Joyner

Workorder: 718425

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Rad Liquid Scintillation											
Batch	2784186										
QC1206076145	718356005	DUP									
Technetium-99	U	0.174	U	-0.614	pCi/L	N/A		N/A	MJ3	05/05/25	02:52
	Uncertainty	+/-2.37		+/-2.39							
QC1206076146	LCS										
Technetium-99	123			124	pCi/L		101	(75%-125%)		05/05/25	03:24
	Uncertainty			+/-5.57							
QC1206076144	MB										
Technetium-99			U	1.04	pCi/L					05/05/25	02:20
	Uncertainty			+/-2.61							

Notes:

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

The Qualifiers in this report are defined as follows:

- U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J Value is estimated
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- H Analytical holding time was exceeded
- < Result is less than value reported
- > Result is greater than value reported
- UI Gamma Spectroscopy--Uncertain identification
- BD Results are either below the MDC or tracer recovery is low
- h Preparation or preservation holding time was exceeded
- R Sample results are rejected
- ^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
- N/A RPD or %Recovery limits do not apply.
- ND Analyte concentration is not detected above the detection limit
- M M if above MDC and less than LLD
- NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- FA Failed analysis.
- UJ Gamma Spectroscopy--Uncertain identification
- Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
- K Analyte present. Reported value may be biased high. Actual value is expected to be lower.

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QC Summary

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
UL	Not considered detected. The associated number is the reported concentration, which may be inaccurate due to a low bias.										
L	Analyte present. Reported value may be biased low. Actual value is expected to be higher.										
N1	See case narrative										
Y	Other specific qualifiers were required to properly define the results. Consult case narrative.										
**	Analyte is a Tracer compound										
M	REMP Result > MDC/CL and < RDL										
x	Subaliquot was taken. See Case Narrative for details.										

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.

**Technical Case Narrative
Westinghouse Electric
SDG #: 718425**

GC/MS Volatile

Product: Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer

Analytical Method: SW846 8260D SC_NPDES

Analytical Procedure: GL-OA-E-038 REV# 30

Analytical Batch: 2786371

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
718425001	W-51-2025-Q2
718425002	W-45-2025-Q2
718425003	W-RW1-2025-Q2
718425004	W-35-2025-Q2
718425005	W-122-2025-Q2
718425006	W-87-2025-Q2
718425007	TB1-20250409
1206081371	Laboratory Control Sample (LCS)
1206081372	Method Blank (MB)
1206081373	719040001(W-71-2025-Q2) Matrix Spike (MS)
1206081374	719040001(W-71-2025-Q2) Matrix Spike Duplicate (MSD)

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.

GC/MS Semivolatile

Product: Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry

Analytical Method: SW846 3510C/8270E

Analytical Procedure: GL-OA-E-009 REV# 51

Analytical Batch: 2781319

Preparation Method: SW846 3510C

Preparation Procedure: GL-OA-E-013 REV# 36

Preparation Batch: 2781316

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
718425002	W-45-2025-Q2
718425004	W-35-2025-Q2
1206069956	Method Blank (MB)
1206069957	Laboratory Control Sample (LCS)

1206069958	718407010(NonSDG) Matrix Spike (MS)
1206069959	718407010(NonSDG) Matrix Spike Duplicate (MSD)

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.

Calibration Information

CCV Requirements

All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8270 for samples and the associated QC. One or more target analytes failed acceptance criteria with a positive bias. As there were no target analytes detected in the associated samples above the reporting limits, the data were reported.

Miscellaneous Information

Additional Comments

The additional comments field is used to address special issues associated with each analysis, clarify method/contractual issues pertaining to the analysis, and to list any report documents generated as a result of sample analysis or review. The following additional comments were required:

Some target compounds were not included in the LCS/LCSD and/or MS/MSD in this batch. A representative list of compounds were spiked and monitored. The lab is in the process of acquiring additional standards in order to fortify the LCS/LCSD and/or MS/MSD with all requested target compounds.

Diphenylamine Statement

Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Metals

Product: Determination of Metals by ICP-MS

Analytical Method: EPA 200.8

Analytical Procedure: GL-MA-E-014 REV# 37

Analytical Batch: 2789050

Preparation Method: EPA 200.2

Preparation Procedure: GL-MA-E-016 REV# 19

Preparation Batch: 2789049

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
718425001	W-51-2025-Q2
718425002	W-45-2025-Q2
718425003	W-RW1-2025-Q2
718425004	W-35-2025-Q2
718425005	W-122-2025-Q2

718425006	W-87-2025-Q2
1206087388	Method Blank (MB)ICP-MS
1206087389	Laboratory Control Sample (LCS)
1206087395	Laboratory Control Sample (LCS)
1206087396	Laboratory Control Sample (LCS)
1206087392	718425001(W-51-2025-Q2L) Serial Dilution (SD)
1206087390	718425001(W-51-2025-Q2D) Sample Duplicate (DUP)
1206087391	718425001(W-51-2025-Q2S) Matrix Spike (MS)
1206087393	718425001(W-51-2025-Q2S) Matrix Spike (MS)
1206087394	718425001(W-51-2025-Q2S) Matrix Spike (MS)

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.

Calibration Information

ICSA/ICSAB Statement

For the ICP-MS analysis, the ICSA solution contains analyte concentrations which are verified trace impurities indigenous to the purchased standard.

Product: Inorganic Calculations

Analytical Method: EPA 200.8

Analytical Procedure: GL-GC-E-107 REV# 11

Analytical Batch: 2794001

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
718425001	W-51-2025-Q2
718425002	W-45-2025-Q2
718425003	W-RW1-2025-Q2
718425004	W-35-2025-Q2
718425005	W-122-2025-Q2
718425006	W-87-2025-Q2

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.

General Chemistry

Product: Ion Chromatography

Analytical Method: EPA 300.0

Analytical Procedure: GL-GC-E-086 REV# 37

Analytical Batch: 2779585

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
718425001	W-51-2025-Q2
718425002	W-45-2025-Q2
718425003	W-RW1-2025-Q2
718425004	W-35-2025-Q2
718425005	W-122-2025-Q2
718425006	W-87-2025-Q2
1206066266	Method Blank (MB)
1206066267	Laboratory Control Sample (LCS)
1206066268	718442005(NonSDG) Sample Duplicate (DUP)
1206066269	718442005(NonSDG) Post Spike (PS)

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.

Technical Information

Holding Times

Samples (See Below) were analyzed outside of the method specified holding time. The analysis was performed as soon as possible by the analyst. The data is qualified.

Sample	Analyte	Value
1206066268 (Non SDG 718442005DUP)	Nitrate-N	Received 10-APR-25, within holding, analyzed 10-APR-25, out of holding 10-APR-25
1206066269 (Non SDG 718442005PS)	Nitrate-N	Received 10-APR-25, within holding, analyzed 10-APR-25, out of holding 10-APR-25

Sample Dilutions

The following samples 1206066268 (Non SDG 718442005DUP) and 1206066269 (Non SDG 718442005PS) were diluted because target analyte concentrations exceeded the calibration range. The following sample 718425002 (W-45-2025-Q2) in this sample group was diluted due to matrix interference. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Analyte	718425
	002
Nitrate-N	2X

Miscellaneous Information

Manual Integrations

Samples 1206066268 (Non SDG 718442005DUP), 1206066269 (Non SDG 718442005PS), 718425001 (W-51-2025-Q2), 718425002 (W-45-2025-Q2), 718425003 (W-RW1-2025-Q2), 718425004 (W-35-2025-Q2), 718425005 (W-122-2025-Q2) and 718425006 (W-87-2025-Q2) were manually integrated to correctly position the baseline as set in the calibration standards.

Radiochemistry

Product: Liquid Scint Tc99, Liquid

Analytical Method: DOE EML HASL-300, Tc-02-RC Modified

Analytical Procedure: GL-RAD-A-059 REV# 5

Analytical Batch: 2784186

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
718425001	W-51-2025-Q2
718425002	W-45-2025-Q2
718425003	W-RW1-2025-Q2
718425004	W-35-2025-Q2
718425005	W-122-2025-Q2
718425006	W-87-2025-Q2
1206076144	Method Blank (MB)
1206076145	718356005(W-76-2025-Q2) Sample Duplicate (DUP)
1206076146	Laboratory Control Sample (LCS)

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.

718425
COC Number:
631-250409-151251

GEL Laboratories
2040 Savage Road
Charleston, SC 29407
843-766-1178

AECOM
Chain of Custody

Columbia Fuel Fabrication Facility 5011 Bluff Rd Hopkins, SC	Contact Name: Diana Joyner PO #: Report to: Invoice to:	Sampler(s): <i>Trevor Brown</i>	Cooler Count: 1 Shipping Company: AECOM TAT: Standard
--	--	------------------------------------	---

Sample ID	Date	Matrix	Grab or Composite	Total # of Containers	Remarks	Preservative	None	HNO3	None	Select SVOCs	HCl	HNO3
							Fluoride 300.0	ISO & TOTAL UICPMS	Nitrate 353.2	Select SVOCs	Select VOCs	Tc-99
W-51-2025-Q2	2025-04-09 09:10	WG	G	6'S			X	X	X		X	X
W-45-2025-Q2	2025-04-09 10:40	WG	G	8'1			X	X	X	X	X	X
W-RW1-2025-Q2	2025-04-09 11:45	WG	G	6'S			X	X	X		X	X
W-35-2025-Q2	2025-04-09 13:05	WG	G	8'1			X	X	X	X	X	X
W-122-2025-Q2	2025-04-09 14:06	WG	G	6'S			X	X	X		X	X
W-87-2025-Q2	2025-04-09 14:25	WG	G	6'S			X	X	X		X	X
TB1-20250409	2025-04-09 14:40	WQ	G	3'2							X	

Relinquished by: <i>Trevor Brown</i>	Date/Time: 4/9/25 1540	Received by: <i>Thygesen Tatum</i>	Date/Time: 4/10/25 0930	Comments: «»
---	---------------------------	---------------------------------------	----------------------------	--------------

GEL Laboratories LLC		SAMPLE RECEIPT & REVIEW FORM	
Client: <u>WNUC</u>		SDG/AR/COC/Work Order: <u>718425</u>	
Received By: <u>Thyasia Tatum</u>		Date Received at GEL: <u>4/10/25</u>	
Carrier (Circle Applicable) ☒ FedEx Express ☐ FedEx Ground ☐ UPS ☐ Field Services ☐ Courier ☐ Client ☐ Other:		IR Temp gun # <u>IR2-23</u> 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
<u>2873 9241 6279</u>	<u>10</u>		
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): _____ <u>CPM</u> 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
			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: <u>Wet Ice</u> 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 <u>AM</u> Date <u>4/15/25</u>			
☐ Continuation Form Required when selected			

List of current GEL Certifications as of 07 May 2025

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	2023019
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approv	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	2023-152
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of L	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122024-45
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

May 09, 2025

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

Re: Ground Water Well Liquid Analysis
Work Order: 719039

Dear Diana Joyner:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on April 11, 2025. 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.

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,

Abigail Martin for
Delaney Stonesmith
Project Manager

Purchase Order: 4500901437
Chain of Custody: 631-250410-152528
Enclosures



GEL LABORATORIES LLC

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

Certificate of Analysis Report for

WNUC012 Westinghouse Electric (4500901437)

Client SDG: 719039 GEL Work Order: 719039

The Qualifiers in this report are defined as follows:

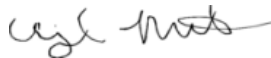
- * A quality control analyte recovery is outside of specified acceptance criteria
- ** Analyte is a Tracer compound
- ** Analyte is a surrogate compound
- B Either presence of analyte detected in the associated blank, or MDL/IDL < sample value < PQL
- E Concentration of the target analyte exceeds the instrument calibration range
- J Value is estimated
- Q SC certification for analyte-method was not held by lab.
- Q SCDES certification for analyte-method was not held by lab.
- 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 9, 2025

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-36-2025-Q2
Sample ID: 719039001
Matrix: Ground Water
Collect Date: 10-APR-25 08:40
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride	U	ND	0.0330	0.100	mg/L		1	CWW	04/11/25	1754	2780559	1
Nitrate-N		0.260	0.0330	0.100	mg/L		1					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	PRB	05/08/25	1919	2790375	2
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	PRB	05/09/25	0740	2790375	3
Calculation for Total U "See Parent Products"												
Total Uranium		ND	0.0670	0.200	ug/L			PRB	05/09/25	1401	2795459	4
Semi-Volatile-GC/MS												
8270 BNA "As Received"												
Naphthalene	U	ND	0.300	1.00	ug/L	0.00100	1	NM1	04/17/25	2333	2782690	5
Tributylphosphate	U	ND	3.00	10.0	ug/L	0.00100	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	KA1	04/23/25	2147	2786480	6
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HC1	05/07/25	0910	2790374
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/17/25	1134	2782685

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: May 9, 2025

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-36-2025-Q2
Sample ID: 719039001

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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The following Analytical Methods were performed:

Method	Description	Analyst	Comments
1	EPA 300.0		
2	EPA 200.8		
3	EPA 200.8		
4	EPA 200.8		
5	SW846 3510C/8270E		
6	SW846 8260D SC_NPDES		

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	8270 BNA "As Received"	59.1 ug/L	100	59	(31%-126%)
Phenol-d5	8270 BNA "As Received"	22.9 ug/L	100	23	(15%-85%)
2-Fluorophenol	8270 BNA "As Received"	31.2 ug/L	100	31	(15%-72%)
Nitrobenzene-d5	8270 BNA "As Received"	31.9 ug/L	50.0	64	(34%-107%)
2-Fluorobiphenyl	8270 BNA "As Received"	31.9 ug/L	50.0	64	(35%-107%)
p-Terphenyl-d14	8270 BNA "As Received"	32.5 ug/L	50.0	65	(20%-118%)
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	50.3 ug/L	50.0	101	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	50.9 ug/L	50.0	102	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	52.6 ug/L	50.0	105	(77%-121%)

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: May 9, 2025

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-50-2025-Q2
Sample ID: 719039002
Matrix: Ground Water
Collect Date: 10-APR-25 09:01
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride	J	0.0622	0.0330	0.100	mg/L		1	CWW	04/11/25	1826	2780559	1
Nitrate-N	U	ND	0.0330	0.100	mg/L		1					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	PRB	05/08/25	1920	2790375	2
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	PRB	05/09/25	0741	2790375	3
Calculation for Total U "See Parent Products"												
Total Uranium		ND	0.0670	0.200	ug/L			PRB	05/09/25	1401	2795459	4
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	KA1	04/23/25	2212	2786480	5
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HC1	05/07/25	0910	2790374

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	47.5 ug/L	50.0	95	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	51.1 ug/L	50.0	102	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	51.9 ug/L	50.0	104	(77%-121%)

Notes:

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: May 9, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-50-2025-Q2
Sample ID: 719039002

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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 9, 2025

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-50-2025-Q2-DUP
Sample ID: 719039003
Matrix: Ground Water
Collect Date: 10-APR-25 09:01
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride	J	0.0619	0.0330	0.100	mg/L		1	CWW	04/11/25	1858	2780559	1
Nitrate-N		0.239	0.0330	0.100	mg/L		1					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	PRB	05/08/25	1921	2790375	2
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	PRB	05/09/25	0742	2790375	3
Calculation for Total U "See Parent Products"												
Total Uranium		ND	0.0670	0.200	ug/L			PRB	05/09/25	1401	2795459	4
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	KA1	04/23/25	2237	2786480	5
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HC1	05/07/25	0910	2790374

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	48.9 ug/L	50.0	98	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	50.5 ug/L	50.0	101	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	52.0 ug/L	50.0	104	(77%-121%)

Notes:

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: May 9, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-50-2025-Q2-DUP
Sample ID: 719039003

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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: May 9, 2025

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-91-2025-Q2
Sample ID: 719039004
Matrix: Ground Water
Collect Date: 10-APR-25 09:55
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride	U	ND	0.0330	0.100	mg/L		1	CWW	04/11/25	1930	2780559	1
Nitrate-N		0.850	0.0330	0.100	mg/L		1					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	PRB	05/08/25	1923	2790375	2
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	PRB	05/09/25	0743	2790375	3
Calculation for Total U "See Parent Products"												
Total Uranium		ND	0.0670	0.200	ug/L			PRB	05/09/25	1401	2795459	4
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	KA1	04/23/25	2302	2786480	5
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HC1	05/07/25	0910	2790374

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	48.9 ug/L	50.0	98	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	51.3 ug/L	50.0	103	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	52.6 ug/L	50.0	105	(77%-121%)

Notes:

GEL LABORATORIES LLC

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Certificate of Analysis

Report Date: May 9, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-91-2025-Q2
Sample ID: 719039004

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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

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Certificate of Analysis

Report Date: May 9, 2025

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-40-2025-Q2
Sample ID: 719039005
Matrix: Ground Water
Collect Date: 10-APR-25 10:30
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		0.261	0.0330	0.100	mg/L		1	CWW	04/11/25	2001	2780559	1
Nitrate-N		1.49	0.0330	0.100	mg/L		1					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	PRB	05/08/25	1924	2790375	2
Uranium-238		0.234	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	PRB	05/09/25	0744	2790375	3
Calculation for Total U "See Parent Products"												
Total Uranium		0.234	0.0670	0.200	ug/L			PRB	05/09/25	1401	2795459	4
Semi-Volatile-GC/MS												
8270 BNA "As Received"												
Naphthalene	U	ND	0.300	1.00	ug/L	0.00100	1	NM1	04/17/25	2353	2782690	5
Tributylphosphate	U	ND	3.00	10.0	ug/L	0.00100	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	KA1	04/23/25	2327	2786480	6
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/17/25	1134	2782685
EPA 200.2	ICP-MS 200.2 PREP	HC1	05/07/25	0910	2790374

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Certificate of Analysis

Report Date: May 9, 2025

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-40-2025-Q2
Sample ID: 719039005

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
The following Analytical Methods were performed:												
Method	Description						Analyst Comments					
1	EPA 300.0											
2	EPA 200.8											
3	EPA 200.8											
4	EPA 200.8											
5	SW846 3510C/8270E											
6	SW846 8260D SC_NPDES											
Surrogate/Tracer Recovery	Test				Result	Nominal	Recovery%	Acceptable Limits				
2,4,6-Tribromophenol	8270 BNA "As Received"				42.8 ug/L	100	43	(31%-126%)				
Phenol-d5	8270 BNA "As Received"				19.1 ug/L	100	19	(15%-85%)				
2-Fluorophenol	8270 BNA "As Received"				24.7 ug/L	100	25	(15%-72%)				
Nitrobenzene-d5	8270 BNA "As Received"				25.5 ug/L	50.0	51	(34%-107%)				
2-Fluorobiphenyl	8270 BNA "As Received"				25.8 ug/L	50.0	52	(35%-107%)				
p-Terphenyl-d14	8270 BNA "As Received"				23.3 ug/L	50.0	47	(20%-118%)				
Bromofluorobenzene	SW846 8260 Volatiles "As Received"				49.1 ug/L	50.0	98	(74%-123%)				
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"				50.8 ug/L	50.0	102	(76%-127%)				
Toluene-d8	SW846 8260 Volatiles "As Received"				52.5 ug/L	50.0	105	(77%-121%)				

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 9, 2025

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-90-2025-Q2
Sample ID: 719039006
Matrix: Ground Water
Collect Date: 10-APR-25 10:50
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride	U	ND	0.0330	0.100	mg/L		1	CWW	04/11/25	2033	2780559	1
Nitrate-N		1.63	0.0330	0.100	mg/L		1					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	PRB	05/08/25	1925	2790375	2
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	PRB	05/09/25	0745	2790375	3
Calculation for Total U "See Parent Products"												
Total Uranium		ND	0.0670	0.200	ug/L			PRB	05/09/25	1401	2795459	4
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	KA1	04/23/25	2352	2786480	5
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HC1	05/07/25	0910	2790374

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	46.2 ug/L	50.0	92	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	49.6 ug/L	50.0	99	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	52.1 ug/L	50.0	104	(77%-121%)

Notes:

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Certificate of Analysis

Report Date: May 9, 2025

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-90-2025-Q2
Sample ID: 719039006

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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

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Certificate of Analysis

Report Date: May 9, 2025

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-17-2025-Q2
Sample ID: 719039007
Matrix: Ground Water
Collect Date: 10-APR-25 12:24
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		3.18	0.0330	0.100	mg/L		1	CWW	04/11/25	2105	2780559	1
Nitrate-N		13.3	0.165	0.500	mg/L		5	CWW	04/11/25	2313	2780559	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	PRB	05/08/25	1928	2790375	3
Uranium-238	J	0.176	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	PRB	05/09/25	0803	2790375	4
Calculation for Total U "See Parent Products"												
Total Uranium		0.176	0.0670	0.200	ug/L			PRB	05/09/25	1401	2795459	5
Semi-Volatile-GC/MS												
8270 BNA "As Received"												
Naphthalene	U	ND	0.300	1.00	ug/L	0.00100	1	NM1	04/18/25	0014	2782690	6
Tributylphosphate	U	ND	3.00	10.0	ug/L	0.00100	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene		3.76	0.333	1.00	ug/L		1	KA1	04/24/25	0018	2786480	7
Trichloroethylene	J	0.920	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	J	0.810	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HC1	05/07/25	0910	2790374
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/17/25	1134	2782685

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Certificate of Analysis

Report Date: May 9, 2025

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-17-2025-Q2
Sample ID: 719039007

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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The following Analytical Methods were performed:

Method	Description	Analyst	Comments
1	EPA 300.0		
2	EPA 300.0		
3	EPA 200.8		
4	EPA 200.8		
5	EPA 200.8		
6	SW846 3510C/8270E		
7	SW846 8260D SC_NPDES		

Surrogate/Tracer	Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol		8270 BNA "As Received"	57.4 ug/L	100	57	(31%-126%)
Phenol-d5		8270 BNA "As Received"	21.5 ug/L	100	21	(15%-85%)
2-Fluorophenol		8270 BNA "As Received"	28.8 ug/L	100	29	(15%-72%)
Nitrobenzene-d5		8270 BNA "As Received"	29.8 ug/L	50.0	60	(34%-107%)
2-Fluorobiphenyl		8270 BNA "As Received"	30.2 ug/L	50.0	60	(35%-107%)
p-Terphenyl-d14		8270 BNA "As Received"	25.4 ug/L	50.0	51	(20%-118%)
Bromofluorobenzene		SW846 8260 Volatiles "As Received"	48.4 ug/L	50.0	97	(74%-123%)
1,2-Dichloroethane-d4		SW846 8260 Volatiles "As Received"	50.6 ug/L	50.0	101	(76%-127%)
Toluene-d8		SW846 8260 Volatiles "As Received"	52.4 ug/L	50.0	105	(77%-121%)

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: May 9, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-19B-2025-Q2
Sample ID: 719039008
Matrix: Ground Water
Collect Date: 10-APR-25 12:25
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride	J	0.0407	0.0330	0.100	mg/L		1	CWW	04/11/25	2137	2780559	1
Nitrate-N		3.49	0.0330	0.100	mg/L		1					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	PRB	05/08/25	1930	2790375	2
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	PRB	05/09/25	0804	2790375	3
Calculation for Total U "See Parent Products"												
Total Uranium		ND	0.0670	0.200	ug/L			PRB	05/09/25	1401	2795459	4
Semi-Volatile-GC/MS												
8270 BNA "As Received"												
Naphthalene	U	ND	0.300	1.00	ug/L	0.00100	1	NM1	04/18/25	0035	2782690	5
Tributylphosphate	U	ND	3.00	10.0	ug/L	0.00100	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene		14.7	0.333	1.00	ug/L		1	KA1	04/24/25	0043	2786480	6
Trichloroethylene	J	0.370	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/17/25	1134	2782685
EPA 200.2	ICP-MS 200.2 PREP	HC1	05/07/25	0910	2790374

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Certificate of Analysis

Report Date: May 9, 2025

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-19B-2025-Q2
Sample ID: 719039008

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
The following Analytical Methods were performed:												
Method	Description						Analyst Comments					
1	EPA 300.0											
2	EPA 200.8											
3	EPA 200.8											
4	EPA 200.8											
5	SW846 3510C/8270E											
6	SW846 8260D SC_NPDES											
Surrogate/Tracer Recovery	Test				Result	Nominal	Recovery%	Acceptable Limits				
2,4,6-Tribromophenol	8270 BNA "As Received"				49.4 ug/L	100	49	(31%-126%)				
Phenol-d5	8270 BNA "As Received"				19.4 ug/L	100	19	(15%-85%)				
2-Fluorophenol	8270 BNA "As Received"				26.2 ug/L	100	26	(15%-72%)				
Nitrobenzene-d5	8270 BNA "As Received"				28.9 ug/L	50.0	58	(34%-107%)				
2-Fluorobiphenyl	8270 BNA "As Received"				28.7 ug/L	50.0	57	(35%-107%)				
p-Terphenyl-d14	8270 BNA "As Received"				27.9 ug/L	50.0	56	(20%-118%)				
Bromofluorobenzene	SW846 8260 Volatiles "As Received"				46.3 ug/L	50.0	93	(74%-123%)				
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"				49.3 ug/L	50.0	99	(76%-127%)				
Toluene-d8	SW846 8260 Volatiles "As Received"				50.5 ug/L	50.0	101	(77%-121%)				

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: May 9, 2025

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-68-2025-Q2
Sample ID: 719039009
Matrix: Ground Water
Collect Date: 10-APR-25 13:50
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride	J	0.0389	0.0330	0.100	mg/L		1	CWW	04/11/25	2344	2780559	1
Nitrate-N		2.31	0.0330	0.100	mg/L		1					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	PRB	05/08/25	1931	2790375	2
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	PRB	05/09/25	0805	2790375	3
Calculation for Total U "See Parent Products"												
Total Uranium		ND	0.0670	0.200	ug/L			PRB	05/09/25	1401	2795459	4
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene		29.5	0.333	1.00	ug/L		1	KA1	04/24/25	0108	2786480	5
Trichloroethylene	J	0.640	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HC1	05/07/25	0910	2790374

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	47.6 ug/L	50.0	95	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	50.6 ug/L	50.0	101	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	51.6 ug/L	50.0	103	(77%-121%)

Notes:

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: May 9, 2025

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-68-2025-Q2
Sample ID: 719039009

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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: May 9, 2025

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-33-2025-Q2
Sample ID: 719039010
Matrix: Ground Water
Collect Date: 10-APR-25 14:23
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride		0.180	0.0330	0.100	mg/L		1	CWW	04/12/25	0016	2780559	1
Nitrate-N		8.01	0.0660	0.200	mg/L		2	CWW	04/12/25	1127	2780559	2
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	PRB	05/08/25	1932	2790375	3
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	PRB	05/09/25	0806	2790375	4
Calculation for Total U "See Parent Products"												
Total Uranium		ND	0.0670	0.200	ug/L			PRB	05/09/25	1401	2795459	5
Semi-Volatile-GC/MS												
8270 BNA "As Received"												
Naphthalene	U	ND	0.300	1.00	ug/L	0.00100	1	NM1	04/18/25	0056	2782690	6
Tributylphosphate	U	ND	3.00	10.0	ug/L	0.00100	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Trichloroethylene		21.7	0.333	1.00	ug/L		1	KA1	04/24/25	0134	2786480	7
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene		1.32	0.333	1.00	ug/L		1					
Tetrachloroethylene		254	1.33	4.00	ug/L		4	KA1	04/24/25	1030	2786480	8

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HC1	05/07/25	0910	2790374
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/17/25	1134	2782685

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Certificate of Analysis

Report Date: May 9, 2025

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-33-2025-Q2
Sample ID: 719039010

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
The following Analytical Methods were performed:												
Method	Description					Analyst Comments						
1	EPA 300.0											
2	EPA 300.0											
3	EPA 200.8											
4	EPA 200.8											
5	EPA 200.8											
6	SW846 3510C/8270E											
7	SW846 8260D SC_NPDES											
8	SW846 8260D SC_NPDES											
Surrogate/Tracer Recovery	Test				Result	Nominal	Recovery%	Acceptable Limits				
2,4,6-Tribromophenol	8270 BNA "As Received"				51.4 ug/L	100	51	(31%-126%)				
Phenol-d5	8270 BNA "As Received"				19.9 ug/L	100	20	(15%-85%)				
2-Fluorophenol	8270 BNA "As Received"				27.9 ug/L	100	28	(15%-72%)				
Nitrobenzene-d5	8270 BNA "As Received"				28.2 ug/L	50.0	56	(34%-107%)				
2-Fluorobiphenyl	8270 BNA "As Received"				29.0 ug/L	50.0	58	(35%-107%)				
p-Terphenyl-d14	8270 BNA "As Received"				21.1 ug/L	50.0	42	(20%-118%)				
Bromofluorobenzene	SW846 8260 Volatiles "As Received"				47.0 ug/L	50.0	94	(74%-123%)				
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"				49.3 ug/L	50.0	99	(76%-127%)				
Toluene-d8	SW846 8260 Volatiles "As Received"				52.7 ug/L	50.0	105	(77%-121%)				
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"				213 ug/L	50.0	107	(76%-127%)				
Bromofluorobenzene	SW846 8260 Volatiles "As Received"				190 ug/L	50.0	95	(74%-123%)				
Toluene-d8	SW846 8260 Volatiles "As Received"				205 ug/L	50.0	102	(77%-121%)				

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 9, 2025

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: TB1-20250410
Sample ID: 719039011
Matrix: Ground Water
Collect Date: 10-APR-25 14:30
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1	KA1	04/24/25	0159	2786480	1
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments										
1	SW846 8260D SC_NPDES											
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits							
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	47.3 ug/L	50.0	95	(74%-123%)							
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	49.6 ug/L	50.0	99	(76%-127%)							
Toluene-d8	SW846 8260 Volatiles "As Received"	52.2 ug/L	50.0	104	(77%-121%)							

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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Report Date: May 9, 2025

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-62-2025-Q2
Sample ID: 719039012
Matrix: Ground Water
Collect Date: 10-APR-25 14:45
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Ion Chromatography												
EPA 300.0 Anions Liquid "As Received"												
Fluoride	U	ND	0.0330	0.100	mg/L		1	CWW	04/12/25	0048	2780559	1
Nitrate-N		3.38	0.0330	0.100	mg/L		1					
Metals Analysis-ICP-MS												
200.8/200.2 Isotopic Uranium "As Received"												
Uranium-235	U	ND	0.0100	0.0700	ug/L	1.00	1	PRB	05/08/25	1933	2790375	2
Uranium-238	U	ND	0.0670	0.200	ug/L	1.00	1					
Uranium-234	U	ND	0.0100	0.0500	ug/L	1.00	1	PRB	05/09/25	0807	2790375	3
Calculation for Total U "See Parent Products"												
Total Uranium		ND	0.0670	0.200	ug/L			PRB	05/09/25	1401	2795459	4
Volatile Organics												
SW846 8260 Volatiles "As Received"												
Tetrachloroethylene		28.8	0.333	1.00	ug/L		1	KA1	04/24/25	0224	2786480	5
Trichloroethylene	J	0.470	0.333	1.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HC1	05/07/25	0910	2790374

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 300.0	
2	EPA 200.8	
3	EPA 200.8	
4	EPA 200.8	
5	SW846 8260D SC_NPDES	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 Volatiles "As Received"	45.9 ug/L	50.0	92	(74%-123%)
1,2-Dichloroethane-d4	SW846 8260 Volatiles "As Received"	50.1 ug/L	50.0	100	(76%-127%)
Toluene-d8	SW846 8260 Volatiles "As Received"	51.8 ug/L	50.0	104	(77%-121%)

Notes:

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Certificate of Analysis

Report Date: May 9, 2025

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

Contact: Hopkins, South Carolina 29061
Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-62-2025-Q2
Sample ID: 719039012

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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 9, 2025

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-36-2025-Q2
Sample ID: 719039001
Matrix: Ground Water
Collect Date: 10-APR-25 08:40
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	-0.360	+/-2.62	4.58	5.00	pCi/L			MJ3	05/06/25	1749	2786733	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			88.3	(15%-125%)								

Notes:

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

Column headers are defined as follows:

DF: Dilution Factor	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: May 9, 2025

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-50-2025-Q2
Sample ID: 719039002
Matrix: Ground Water
Collect Date: 10-APR-25 09:01
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	-2.30	+/-2.31	4.18	5.00	pCi/L			MJ3	05/06/25	1821	2786733	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			97	(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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Company : Westinghouse Electric Co. LLC
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Hopkins, South Carolina 29061
Contact: Diana Joyner
Project: Ground Water Well Liquid Analysis

Client Sample ID: W-50-2025-Q2-DUP
Sample ID: 719039003
Matrix: Ground Water
Collect Date: 10-APR-25 09:01
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	0.936	+/-2.43	4.16	5.00	pCi/L			MJ3	05/06/25	1852	2786733	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			97.7	(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: May 9, 2025

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-91-2025-Q2
Sample ID: 719039004
Matrix: Ground Water
Collect Date: 10-APR-25 09:55
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	-1.39	+/-2.35	4.18	5.00	pCi/L			MJ3	05/06/25	1924	2786733	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			96.6	(15%-125%)								

Notes:

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

Column headers are defined as follows:

DF: Dilution Factor	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 9, 2025

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-40-2025-Q2
Sample ID: 719039005
Matrix: Ground Water
Collect Date: 10-APR-25 10:30
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	-0.0335	+/-2.41	4.19	5.00	pCi/L			MJ3	05/06/25	1956	2786733	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			96.9	(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 9, 2025

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-90-2025-Q2
Sample ID: 719039006
Matrix: Ground Water
Collect Date: 10-APR-25 10:50
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	-0.626	+/-2.40	4.22	5.00	pCi/L			MJ3	05/06/25	2028	2786733	1

The following Analytical Methods were performed:

Method		Description		Analyst Comments		
1		DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits	
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			96.1	(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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Report Date: May 9, 2025

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-17-2025-Q2
Sample ID: 719039007
Matrix: Ground Water
Collect Date: 10-APR-25 12:24
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99		497	+/-10.0	4.18	5.00	pCi/L			MJ3	05/06/25	2100	2786733	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			96.9	(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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Report Date: May 9, 2025

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-19B-2025-Q2
Sample ID: 719039008
Matrix: Ground Water
Collect Date: 10-APR-25 12:25
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	-1.65	+/-2.33	4.16	5.00	pCi/L			MJ3	05/06/25	2132	2786733	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			97.6	(15%-125%)								

Notes:

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

Column headers are defined as follows:

DF: Dilution Factor	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 9, 2025

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-68-2025-Q2
Sample ID: 719039009
Matrix: Ground Water
Collect Date: 10-APR-25 13:50
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	1.99	+/-2.46	4.16	5.00	pCi/L			MJ3	05/06/25	2204	2786733	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			97.9	(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 9, 2025

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-33-2025-Q2
Sample ID: 719039010
Matrix: Ground Water
Collect Date: 10-APR-25 14:23
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	2.43	+/-2.50	4.19	5.00	pCi/L			MJ3	05/06/25	2236	2786733	1

The following Analytical Methods were performed:

Method		Description		Analyst Comments		
1		DOE EML HASL-300, Tc-02-RC Modified				
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits	
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			96.5	(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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Certificate of Analysis

Report Date: May 9, 2025

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: TB1-20250410
Sample ID: 719039011
Matrix: Ground Water
Collect Date: 10-APR-25 14:30
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
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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 9, 2025

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-62-2025-Q2
Sample ID: 719039012
Matrix: Ground Water
Collect Date: 10-APR-25 14:45
Receive Date: 11-APR-25
Collector: Client

Project: WNUC0002
Client ID: WNUC012

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Liquid Scintillation Analysis													
Liquid Scint Tc99, Liquid "As Received"													
Technetium-99	U	-1.50	+/-2.37	4.22	5.00	pCi/L			MJ3	05/06/25	2307	2786733	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments											
1	DOE EML HASL-300, Tc-02-RC Modified												
Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits								
Technetium-99m Tracer	Liquid Scint Tc99, Liquid "As Received"			95.7	(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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QC Summary

Report Date: May 9, 2025

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

Workorder: 719039

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Ion Chromatography											
Batch	2780559										
QC1206068269	719039002	DUP									
Fluoride	J	0.0622	J	0.0659	mg/L	5.78	^	(+/-0.100)	CWW	04/12/25	01:20
Nitrate-N	U	ND	U	ND	mg/L	N/A					
QC1206068271	719039012	DUP									
Fluoride	U	ND	U	ND	mg/L	N/A				04/12/25	02:23
Nitrate-N		3.38		3.37	mg/L	0.189		(0%-20%)			
QC1206068268	LCS										
Fluoride	2.50			2.35	mg/L		94	(90%-110%)		04/11/25	17:22
Nitrate-N	2.50			2.41	mg/L		96.3	(90%-110%)			
QC1206068267	MB										
Fluoride			U	ND	mg/L					04/11/25	16:51
Nitrate-N			U	ND	mg/L						
QC1206068270	719039002	PS									
Fluoride	2.50	J	0.0622	2.28	mg/L		88.6*	(90%-110%)		04/12/25	01:51
Nitrate-N	2.50	U	ND	2.19	mg/L		87.8*	(90%-110%)			
QC1206068272	719039012	PS									
Fluoride	2.50	U	ND	2.33	mg/L		93.3	(90%-110%)		04/12/25	02:55

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QC Summary

Workorder: 719039

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Ion Chromatography											
Batch	2780559										
Nitrate-N	2.50	3.38		5.86	mg/L		99.1	(90%-110%)	CWW	04/12/25	02:55

Metals Analysis - ICPMS

Batch	2790375										
QC1206090245	719039012	DUP									
Uranium-234			U	ND	U	ND	ug/L	N/A		PRB	05/09/25 08:08
Uranium-235			U	ND	U	ND	ug/L	N/A			05/08/25 19:34
Uranium-238			U	ND	U	ND	ug/L	N/A			
QC1206090244	LCS										
Uranium-238			49.6			51.7	ug/L	104	(85%-115%)		05/08/25 19:17
QC1206090251	LCS										
Uranium-234			0.550			0.481	ug/L	87.5	(85%-115%)		05/09/25 07:39
QC1206090252	LCS										
Uranium-235			0.350			0.359	ug/L	102	(85%-115%)		05/08/25 19:18
QC1206090243	MB										
Uranium-234				U		ND	ug/L				05/09/25 07:38
Uranium-235				U		ND	ug/L				05/08/25 19:16
Uranium-238				U		ND	ug/L				
QC1206090246	719039012	MS									
Uranium-238			49.6	U	ND	48.5	ug/L	97.7	(75%-125%)		05/08/25 19:35

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QC Summary

Workorder: 719039

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Metals Analysis - ICPMS											
Batch	2790375										
QC1206090253	719039012	MS									
Uranium-234	0.550	U		ND	0.532	ug/L	96.7	(75%-125%)	PRB	05/09/25	08:09
QC1206090254	719039012	MS									
Uranium-235	0.350	U		ND	0.357	ug/L	102	(75%-125%)		05/08/25	19:36
QC1206090247	719039012	SDILT									
Uranium-234		U		ND	U	ND	ug/L	N/A		(0%-10%)	05/09/25 08:09
Uranium-235		U		ND	U	ND	ug/L	N/A		(0%-10%)	05/08/25 19:38
Uranium-238		U		ND	U	ND	ug/L	N/A		(0%-10%)	
Semi-Volatile-GC/MS											
Batch	2782690										
QC1206072683	LCS										
Naphthalene	50.0				30.0	ug/L	60	(45%-106%)	NM1	04/17/25	18:57
Tributylphosphate	50.0				35.8	ug/L	72	(52%-133%)			
bis(2-Ethylhexyl)phthalate	50.0				31.8	ug/L	64	(43%-124%)			
**2,4,6-Tribromophenol	100				65.1	ug/L	65	(31%-126%)			
**2-Fluorobiphenyl	50.0				31.5	ug/L	63	(35%-107%)			
**2-Fluorophenol	100				29.8	ug/L	30	(15%-72%)			
**Nitrobenzene-d5	50.0				33.2	ug/L	66	(34%-107%)			

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QC Summary

Workorder: 719039

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch	2782690										
**Phenol-d5	100			23.4	ug/L		23	(15%-85%)	NM1	04/17/25	18:57
**p-Terphenyl-d14	50.0			24.9	ug/L		50	(20%-118%)			
QC1206072682 MB Naphthalene			U	ND	ug/L					04/17/25	18:36
Tributylphosphate			U	ND	ug/L						
bis(2-Ethylhexyl)phthalate			U	ND	ug/L						
**2,4,6-Tribromophenol	100			53.3	ug/L		53	(31%-126%)			
**2-Fluorobiphenyl	50.0			28.6	ug/L		57	(35%-107%)			
**2-Fluorophenol	100			30.1	ug/L		30	(15%-72%)			
**Nitrobenzene-d5	50.0			28.2	ug/L		56	(34%-107%)			
**Phenol-d5	100			21.3	ug/L		21	(15%-85%)			
**p-Terphenyl-d14	50.0			27.2	ug/L		54	(20%-118%)			
QC1206072684 718659001 MS Naphthalene	100	U	ND	46.9	ug/L		47	(31%-108%)		04/17/25	19:39
Tributylphosphate	100	U	ND	58.8	ug/L		59	(42%-142%)			
bis(2-Ethylhexyl)phthalate	100	U	ND	53.8	ug/L		54	(32%-128%)			

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QC Summary

Workorder: 719039

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch	2782690										
**2,4,6-Tribromophenol	200	58.3		113	ug/L		56	(31%-126%)	NM1	04/17/25	19:39
**2-Fluorobiphenyl	100	30.3		50.7	ug/L		51	(35%-107%)			
**2-Fluorophenol	200	28.7		71.9	ug/L		36	(15%-72%)			
**Nitrobenzene-d5	100	30.0		50.4	ug/L		50	(34%-107%)			
**Phenol-d5	200	20.3		61.7	ug/L		31	(15%-85%)			
**p-Terphenyl-d14	100	22.9		46.0	ug/L		46	(20%-118%)			
QC1206072685 718659001 MSD Naphthalene	100	U	ND	56.9	ug/L	19	57	(0%-30%)		04/17/25	20:00
Tributylphosphate	100	U	ND	72.9	ug/L	21	73	(0%-30%)			
bis(2-Ethylhexyl)phthalate	100	U	ND	66.6	ug/L	21	67	(0%-30%)			
**2,4,6-Tribromophenol	200	58.3		137	ug/L		69	(31%-126%)			
**2-Fluorobiphenyl	100	30.3		61.8	ug/L		62	(35%-107%)			
**2-Fluorophenol	200	28.7		84.1	ug/L		42	(15%-72%)			
**Nitrobenzene-d5	100	30.0		62.9	ug/L		63	(34%-107%)			
**Phenol-d5	200	20.3		71.6	ug/L		36	(15%-85%)			

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QC Summary

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch	2782690										
**p-Terphenyl-d14	100	22.9		62.5	ug/L		63	(20%-118%)	NM1	04/17/25	20:00
Volatile-GC/MS											
Batch	2786480										
QC1206081567	LCS										
Tetrachloroethylene	50.0			38.2	ug/L		76	(70%-130%)	KA1	04/23/25	20:05
Trichloroethylene	50.0			41.4	ug/L		83	(76%-126%)			
Vinyl chloride	50.0			53.0	ug/L		106	(63%-144%)			
cis-1,2-Dichloroethylene	50.0			43.2	ug/L		86	(73%-122%)			
**1,2-Dichloroethane-d4	50.0			52.4	ug/L		105	(76%-127%)			
**Bromofluorobenzene	50.0			49.6	ug/L		99	(74%-123%)			
**Toluene-d8	50.0			52.7	ug/L		105	(77%-121%)			
QC1206082332	LCS										
Tetrachloroethylene	50.0			53.1	ug/L		106	(70%-130%)		04/24/25	08:23
Trichloroethylene	50.0			54.7	ug/L		109	(76%-126%)			
Vinyl chloride	50.0			55.8	ug/L		112	(63%-144%)			
cis-1,2-Dichloroethylene	50.0			56.6	ug/L		113	(73%-122%)			
**1,2-Dichloroethane-d4	50.0			51.4	ug/L		103	(76%-127%)			

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QC Summary

Workorder: 719039

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch	2786480										
**Bromofluorobenzene	50.0			50.3	ug/L		101	(74%-123%)	KA1	04/24/25	08:23
**Toluene-d8	50.0			52.9	ug/L		106	(77%-121%)			
QC1206081568 MB											
Tetrachloroethylene			U	ND	ug/L					04/23/25	21:21
Trichloroethylene			U	ND	ug/L						
Vinyl chloride			U	ND	ug/L						
cis-1,2-Dichloroethylene			U	ND	ug/L						
**1,2-Dichloroethane-d4	50.0			51.3	ug/L		103	(76%-127%)			
**Bromofluorobenzene	50.0			46.9	ug/L		94	(74%-123%)			
**Toluene-d8	50.0			50.6	ug/L		101	(77%-121%)			
QC1206082333 MB											
Tetrachloroethylene			U	ND	ug/L					04/24/25	10:04
Trichloroethylene			U	ND	ug/L						
Vinyl chloride			U	ND	ug/L						
cis-1,2-Dichloroethylene			U	ND	ug/L						
**1,2-Dichloroethane-d4	50.0			52.4	ug/L		105	(76%-127%)			

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QC Summary

Workorder: 719039

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch	2786480										
**Bromofluorobenzene	50.0			47.6	ug/L		95	(74%-123%)	KA1	04/24/25	10:04
**Toluene-d8	50.0			51.3	ug/L		103	(77%-121%)			
QC1206081569 719039001 MS											
Tetrachloroethylene	50.0	U	ND	37.3	ug/L		75	(56%-126%)		04/24/25	02:49
Trichloroethylene	50.0	U	ND	39.3	ug/L		79	(61%-130%)			
Vinyl chloride	50.0	U	ND	51.5	ug/L		103	(49%-153%)			
cis-1,2-Dichloroethylene	50.0	U	ND	41.9	ug/L		84	(65%-128%)			
**1,2-Dichloroethane-d4	50.0		50.9	50.2	ug/L		100	(76%-127%)			
**Bromofluorobenzene	50.0		50.3	47.6	ug/L		95	(74%-123%)			
**Toluene-d8	50.0		52.6	51.0	ug/L		102	(77%-121%)			
QC1206081570 719039001 MSD											
Tetrachloroethylene	50.0	U	ND	39.1	ug/L	5	78	(0%-20%)		04/24/25	03:15
Trichloroethylene	50.0	U	ND	40.8	ug/L	4	82	(0%-20%)			
Vinyl chloride	50.0	U	ND	54.4	ug/L	5	109	(0%-20%)			
cis-1,2-Dichloroethylene	50.0	U	ND	43.4	ug/L	3	87	(0%-20%)			
**1,2-Dichloroethane-d4	50.0		50.9	52.2	ug/L		104	(76%-127%)			

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

QC Summary

Workorder: 719039

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch	2786480										
**Bromofluorobenzene	50.0	50.3		49.1	ug/L		98	(74%-123%)	KA1	04/24/25	03:15
**Toluene-d8	50.0	52.6		54.3	ug/L		109	(77%-121%)			

Notes:

The Qualifiers in this report are defined as follows:

- U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J Value is estimated
- P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, the difference is >70%.
- C Analyte has been confirmed by GC/MS analysis
- B The target analyte was detected in the associated blank.
- E Concentration of the target analyte exceeds the instrument calibration range
- A The TIC is a suspected aldol-condensation product
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- N Metals--The Matrix spike sample recovery is not within specified control limits
- N Organics--Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor
- H Analytical holding time was exceeded
- ** Analyte is a surrogate compound
- < Result is less than value reported
- > Result is greater than value reported
- h Preparation or preservation holding time was exceeded
- R Sample results are rejected
- Z Paint Filter Test--Particulates passed through the filter, however no free liquids were observed.
- d 5-day BOD--The 2:1 depletion requirement was not met for this sample
- ^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
- D Results are reported from a diluted aliquot of the sample
- N/A RPD or %Recovery limits do not apply.
- ND Analyte concentration is not detected above the detection limit
- E %difference of sample and SD is >10%. Sample concentration must meet flagging criteria
- NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- E General Chemistry--Concentration of the target analyte exceeds the instrument calibration range
- JNX Non Calibrated Compound
- UJ Compound cannot be extracted

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QC Summary

Workorder: 719039

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.										
FB	Mercury was found present at quantifiable concentrations in field blanks received with these samples. Data associated with the blank are deemed invalid for reporting to regulatory agencies										
N1	See case narrative										
Y	Other specific qualifiers were required to properly define the results. Consult case narrative.										
Y	QC Samples were not spiked with this compound										
R	Per section 9.3.4.1 of Method 1664 Revision B, due to matrix spike recovery issues, this result may not be reported or used for regulatory compliance purposes.										
N	Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor										
e	5-day BOD--Test replicates show more than 30% difference between high and low values. The data is qualified per the method and can be used for reporting purposes										
I	Analyte does not meet the Ion Abundance Ratio and should be considered an estimated concentration.										
FG	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
XG	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
G	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
x	Subaliquot was taken. See Case Narrative for details.										

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 9, 2025

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

Workorder: 719039

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Rad Liquid Scintillation											
Batch	2786733										
QC1206082038	719040001	DUP									
Technetium-99		U	-2.31	U	-0.199	pCi/L	N/A		N/A	MJ3	05/07/25 02:19
		Uncertainty	+/-2.26		+/-2.38						
QC1206082039	LCS										
Technetium-99		123			126	pCi/L	102	(75%-125%)			05/07/25 02:51
		Uncertainty			+/-5.44						
QC1206082037	MB										
Technetium-99			U	0.497	pCi/L						05/07/25 01:47
		Uncertainty		+/-2.40							

Notes:

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

The Qualifiers in this report are defined as follows:

- U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J Value is estimated
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- H Analytical holding time was exceeded
- < Result is less than value reported
- > Result is greater than value reported
- UI Gamma Spectroscopy--Uncertain identification
- BD Results are either below the MDC or tracer recovery is low
- h Preparation or preservation holding time was exceeded
- R Sample results are rejected
- ^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
- N/A RPD or %Recovery limits do not apply.
- ND Analyte concentration is not detected above the detection limit
- M M if above MDC and less than LLD
- NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- FA Failed analysis.
- UJ Gamma Spectroscopy--Uncertain identification
- Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
- K Analyte present. Reported value may be biased high. Actual value is expected to be lower.

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QC Summary

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
UL	Not considered detected. The associated number is the reported concentration, which may be inaccurate due to a low bias.										
L	Analyte present. Reported value may be biased low. Actual value is expected to be higher.										
N1	See case narrative										
Y	Other specific qualifiers were required to properly define the results. Consult case narrative.										
**	Analyte is a Tracer compound										
M	REMP Result > MDC/CL and < RDL										
x	Subaliquot was taken. See Case Narrative for details.										

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.

**Technical Case Narrative
Westinghouse Electric
SDG #: 719039**

GC/MS Volatile

Product: Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer

Analytical Method: SW846 8260D SC_NPDES

Analytical Procedure: GL-OA-E-038 REV# 30

Analytical Batch: 2786480

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
719039001	W-36-2025-Q2
719039002	W-50-2025-Q2
719039003	W-50-2025-Q2-DUP
719039004	W-91-2025-Q2
719039005	W-40-2025-Q2
719039006	W-90-2025-Q2
719039007	W-17-2025-Q2
719039008	W-19B-2025-Q2
719039009	W-68-2025-Q2
719039010	W-33-2025-Q2
719039011	TB1-20250410
719039012	W-62-2025-Q2
1206081567	Laboratory Control Sample (LCS)
1206081568	Method Blank (MB)
1206081569	719039001(W-36-2025-Q2) Matrix Spike (MS)
1206081570	719039001(W-36-2025-Q2) Matrix Spike Duplicate (MSD)
1206082332	Laboratory Control Sample (LCS)
1206082333	Method Blank (MB)

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.

Calibration Information

Continuing Calibration Verification Requirements

All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Technical Information

Sample Dilutions/Methanol Dilutions

Sample 719039010 (W-33-2025-Q2) was diluted because target analyte concentrations exceeded the calibration range.

Analyte	719039
	010
Tetrachloroethylene	4X

GC/MS Semivolatile

Product: Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry

Analytical Method: SW846 3510C/8270E

Analytical Procedure: GL-OA-E-009 REV# 51

Analytical Batch: 2782690

Preparation Method: SW846 3510C

Preparation Procedure: GL-OA-E-013 REV# 36

Preparation Batch: 2782685

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
719039001	W-36-2025-Q2
719039005	W-40-2025-Q2
719039007	W-17-2025-Q2
719039008	W-19B-2025-Q2
719039010	W-33-2025-Q2
1206072682	Method Blank (MB)
1206072683	Laboratory Control Sample (LCS)
1206072684	718659001(NonSDG) Matrix Spike (MS)
1206072685	718659001(NonSDG) Matrix Spike Duplicate (MSD)

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.

Miscellaneous Information

Additional Comments

Diphenylamine Statement

Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Metals

Product: Determination of Metals by ICP-MS

Analytical Method: EPA 200.8

Analytical Procedure: GL-MA-E-014 REV# 37

Analytical Batch: 2790375

Preparation Method: EPA 200.2

Preparation Procedure: GL-MA-E-016 REV# 19

Preparation Batch: 2790374

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
719039001	W-36-2025-Q2
719039002	W-50-2025-Q2
719039003	W-50-2025-Q2-DUP
719039004	W-91-2025-Q2
719039005	W-40-2025-Q2
719039006	W-90-2025-Q2
719039007	W-17-2025-Q2
719039008	W-19B-2025-Q2
719039009	W-68-2025-Q2
719039010	W-33-2025-Q2
719039012	W-62-2025-Q2
1206090243	Method Blank (MB) ICP-MS
1206090244	Laboratory Control Sample (LCS)
1206090251	Laboratory Control Sample (LCS)
1206090252	Laboratory Control Sample (LCS)
1206090247	719039012(W-62-2025-Q2L) Serial Dilution (SD)
1206090245	719039012(W-62-2025-Q2D) Sample Duplicate (DUP)
1206090246	719039012(W-62-2025-Q2S) Matrix Spike (MS)
1206090253	719039012(W-62-2025-Q2S) Matrix Spike (MS)
1206090254	719039012(W-62-2025-Q2S) Matrix Spike (MS)

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.

Calibration Information

ICSA/ICSAB Statement

For the ICP-MS analysis, the ICSA solution contains analyte concentrations which are verified trace impurities indigenous to the purchased standard.

General Chemistry

Product: Ion Chromatography

Analytical Method: EPA 300.0

Analytical Procedure: GL-GC-E-086 REV# 37

Analytical Batch: 2780559

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
719039001	W-36-2025-Q2
719039002	W-50-2025-Q2
719039003	W-50-2025-Q2-DUP
719039004	W-91-2025-Q2
719039005	W-40-2025-Q2
719039006	W-90-2025-Q2
719039007	W-17-2025-Q2
719039008	W-19B-2025-Q2
719039009	W-68-2025-Q2
719039010	W-33-2025-Q2
719039012	W-62-2025-Q2
1206068267	Method Blank (MB)
1206068268	Laboratory Control Sample (LCS)
1206068269	719039002(W-50-2025-Q2) Sample Duplicate (DUP)
1206068270	719039002(W-50-2025-Q2) Post Spike (PS)
1206068271	719039012(W-62-2025-Q2) Sample Duplicate (DUP)
1206068272	719039012(W-62-2025-Q2) Post Spike (PS)

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

Matrix Spike (MS)/Post Spike (PS) Recovery Statement

The percent recoveries (%R) obtained from the spike analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The matrix spike recovered outside of the established acceptance limits due to matrix interference and/or non-homogeneity.

Analyte	Sample	Value
Fluoride	1206068270 (W-50-2025-Q2PS)	88.6* (90%-110%)
Nitrate-N	1206068270 (W-50-2025-Q2PS)	87.8* (90%-110%)

Technical Information

Sample Dilutions

The following samples 719039007 (W-17-2025-Q2) and 719039010 (W-33-2025-Q2) were diluted because target analyte concentrations exceeded the calibration range. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Analyte	719039	
	007	010
Nitrate-N	5X	2X

Miscellaneous Information

Manual Integrations

Samples 1206068269 (W-50-2025-Q2DUP), 1206068270 (W-50-2025-Q2PS), 1206068271 (W-62-2025-Q2DUP), 1206068272 (W-62-2025-Q2PS), 719039002 (W-50-2025-Q2), 719039003 (W-50-2025-Q2-DUP), 719039004 (W-91-2025-Q2), 719039005 (W-40-2025-Q2), 719039006 (W-90-2025-Q2), 719039007 (W-17-2025-Q2), 719039008 (W-19B-2025-Q2), 719039009 (W-68-2025-Q2), 719039010 (W-33-2025-Q2) and 719039012 (W-62-2025-Q2) were manually integrated to correctly position the baseline as set in the calibration standards.

Radiochemistry

Product: Liquid Scint Tc99, Liquid

Analytical Method: DOE EML HASL-300, Tc-02-RC Modified

Analytical Procedure: GL-RAD-A-059 REV# 5

Analytical Batch: 2786733

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
719039001	W-36-2025-Q2
719039002	W-50-2025-Q2
719039003	W-50-2025-Q2-DUP
719039004	W-91-2025-Q2
719039005	W-40-2025-Q2
719039006	W-90-2025-Q2
719039007	W-17-2025-Q2
719039008	W-19B-2025-Q2
719039009	W-68-2025-Q2
719039010	W-33-2025-Q2
719039012	W-62-2025-Q2
1206082037	Method Blank (MB)
1206082038	719040001(W-71-2025-Q2) Sample Duplicate (DUP)
1206082039	Laboratory Control Sample (LCS)

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.

719039



Chain of Custody
2040 Savage Road
Charleston, SC 29407
843-766-1178

COC Number:
631-250410-152528

Columbia Fuel Fabrication Facility
5801 Bluff Rd
Hopkins, SC 29929
719039

Contact Name: Diana Joyner
PO #:
Report to:
Invoice to:

Sampler(s): *R. Czerwinski*
Trevor Brown

Cooler Count: 3
Shipping Company: GEL
TAT: Standard

0039	Matrix codes: WG=groundwater, WS=surface water, WW=wastewater, SO=soil, SE=sediment					Preservative		None	HNO3	None	None	HCl	HNO3				
						Filtered		N	N	N	N	N	N				
	Sample ID	Date	Matrix	Grab or Composite	Total # of Containers	Remarks		Fluoride 300.0	ISO & TOTAL U ICPMS	Nitrate 353.2	Select SVOCs	Select VOCs	Tc-99				
	W-36-2025-Q2	2025-04-10 08:40	WG	G	87			X	X	X	X	X	X	X			
	W-50-2025-Q2	2025-04-10 09:01	WG	G	65			X	X	X		X	X	X			
	W-50-2025-Q2-DUP	2025-04-10 09:01	WG	G	65			X	X	X			X	X			
	W-91-2025-Q2	2025-04-10 09:55	WG	G	65			X	X	X			X	X			
	W-40-2025-Q2	2025-04-10 10:30	WG	G	87			X	X	X	X	X	X	X			
	W-90-2025-Q2	2025-04-10 10:50	WG	G	65			X	X	X			X	X			
	W-17-2025-Q2	2025-04-10 12:24	WG	G	87			X	X	X	X	X	X	X			
W-19B-2025-Q2	2025-04-10 12:25	WG	G	87			X	X	X	X	X	X	X				
W-68-2025-Q2	2025-04-10 13:50	WG	G	65			X	X	X			X	X				
W-33-2025-Q2	2025-04-10 14:23	WG	G	87			X	X	X	X	X	X	X				

Comments: «»

Relinquished by: <i>DC</i>	Date/Time: 4/11/25 12:15	Received by: <i>DC</i>	Date/Time: 4/11/25 13:25	Comments: «»
<i>DC</i>	4/11/25 13:40	<i>DC</i>	4/11/25 15:30	

Columbia Fuel Fabrication Facility

5800 Bluff Rd
Hopkins, SC

Contact Name: Diana Joyner

PO #:

Report to:

Invoice to:

Sampler(s):

Cooler Count: 3

Shipping Company: GEL

TAT: Standard

Preservative

Filtered

Matrix

Date

Sample ID

Grab or Composite

Total # of Containers

Remarks

Fluoride 300.0

ISO & TOTAL U

ICPMS

Nitrate 353.2

Select SVOCs

Select VOCs

HCl

HNO₃

None

None

None

None

None

None

None

None

None

None

None

None

None

None

None

None

None

None

None

None

None

None

None

None

None

None

None

None

None

None

Relinquished by:

Date/Time:

Received by:

Date/Time:

Comments: «»



Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: <u>WNUC</u>		SDG/AR/COC/Work Order: <u>719039</u>		GEL PM:	
Received By: <u>EG</u>		Date Received at GEL: <u>4/14/25</u>			
Carrier (Circle Applicable) FedEx Express FedEx Ground UPS Field Services		Courier Client Other: _____		IR Temp gun # <u>IR1-24</u> Daily Calibration Performed? <u>Y</u> / <u>N</u>	

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).
<u>code 1</u>	<u>2</u>				
<u>code 2</u>	<u>1</u>				
<u>Box</u>	<u>19</u>	<u>✓</u>			

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?	<u>✓</u>		Hazard Class Shipped: _____ UN#: _____ If UN2910, Is the Radioactive Shipment Survey Compliant? Yes ___ No ___
B) Did the client designate the samples to be received as radioactive?	<u>✓</u>		COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?	<u>✓</u>		Maximum Net Counts Observed* (Observed Counts - Area Background Counts): <u>10</u> (CPM)/mR/Hr Classified as: <u>Rad 1</u> <u>Rad 2</u> <u>Rad 3</u>
D) Are there any sample hazards to document?	<u>✓</u>		If yes, select Hazards below: PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other: _____
E) Was a SDS received and reviewed by Lab Safety?	<u>✓</u>		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?	<u>✓</u>			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2 Chain of custody documents included with shipment?	<u>✓</u>			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)?	<u>✓</u>			Preservation Method: <u>Wet Ice</u> Ice Packs Dry Ice None Other: _____ *all temperatures recorded next to tracking numbers are in Celcius
4 Sample containers intact and sealed?	<u>✓</u>			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5 Samples requiring chemical preservation at proper pH?	<u>✓</u>			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.)	<u>✓</u>			If Yes, are Encores or Soil Kits present? Yes ___ No <u>✓</u> (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 <u>✓</u> No ___ NA ___ Sample IDs and containers affected: _____
7 Samples received within holding time?	<u>✓</u>			IDs and tests affected: _____
8 Sample IDs on COC match IDs on bottles?	<u>✓</u>			IDs and containers affected: _____
9 Date & time on COC match date & time on bottles?	<u>✓</u>			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?			<u>✓</u>	Circle Applicable: No container count on COC Missing Container (provide details) Other (describe) <u>container count off</u>
11 Are sample containers identifiable as GEL provided by use of GEL labels?	<u>✓</u>			
12 COC form is properly signed in relinquished/received sections?	<u>✓</u>			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials AM Date 4/14/25

☐ Continuation Form Required when selected

List of current GEL Certifications as of 09 May 2025

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	2023019
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approv	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	2023-152
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of L	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122024-45
Vermont	VT87156
Virginia NELAP	460202
Washington	C780



Rogers & Callcott
ENVIRONMENTAL



Laboratory Services

Laboratory Report

Client	Westinghouse Electric Company, LLC Diana P. Joyner 5801 Bluff Road Hopkins, SC 29061	Project:	Groundwater
		Work Order:	25D0312
		Received:	04/02/2025 16:35

Dear Client:

Rogers and Callcott appreciates the opportunity to be of service to you. The attached laboratory services report includes analytical results and chain of custody for samples that were received on April 02, 2025. Rogers and Callcott maintains a formal QA/QC program. Unless otherwise noted, all analyses performed under NELAP certification have complied with all the requirements for the TNI standard. The analyses met the QA/QC confidence interval for each test method unless otherwise qualified. Estimated uncertainty is available upon request.

Privileged / Confidential information may be contained in this report and is intended only for the use of the addressee. If you are not the addressee, or the person responsible for delivering to the person addressed, you may not copy or deliver this message to anyone else. If you receive this message by mistake, please notify Rogers and Callcott immediately.

We strive to provide excellent service to our clients. Please contact , your Project Manager, at bford@rcenviro.com, (864)-232-1556 if you have any questions about this report.

Report Approved By:

Bailey Ford
Project Manager



Certificate of Analysis

*South Carolina Greenville Laboratory Identification 23105
South Carolina Columbia Laboratory Identification 40572
North Carolina Laboratory Certification Number 27
North Carolina Drinking Water Lab Number 45710
NELAP Utah Certificate Number SC000042014-1
Georgia Drinking Water Lab ID 880*

Client Westinghouse Electric Company, LLC
Diana P. Joyner
5801 Bluff Road
Hopkins, SC 29061

Project: Groundwater
Work Order: 25D0312
Received: 04/02/2025 16:35

Sample Number	Sample Description	Matrix	Sampled	Type
25D0312-01	W-113-2025-Q2	Ground Water	04/02/25 09:45	Grab
25D0312-02	W-114-2025-Q2	Ground Water	04/02/25 10:55	Grab
25D0312-03	W-115-2025-Q2	Ground Water	04/02/25 11:50	Grab
25D0312-04	W-116-2025-Q2	Ground Water	04/02/25 12:45	Grab
25D0312-05	W-117-2025-Q2	Ground Water	04/02/25 13:40	Grab
25D0312-06	W-89-2025-Q2	Ground Water	04/02/25 13:59	Grab
25D0312-07	W-118-2025-Q2	Ground Water	04/02/25 14:30	Grab
25D0312-08	W-88-2025-Q2	Ground Water	04/02/25 14:49	Grab



Westinghouse Electric Company, LLC
5801 Bluff Road
Hopkins, SC 29061

Project: Groundwater
Work Order: 25D0312
Reported: 04/17/25 18:36

Sample Data

Sample Number 25D0312-01
Sample Description W-113-2025-Q2 collected on 04/02/25 09:45

Parameter	Result	Reporting Limit	Units	DF	Analyzed	Method	Flag	Analyst	Batch	Lab
General Chemistry Parameters										
Fluoride	ND	0.10	mg/L	1.00	04/04/25 13:04	EPA 9056A		JDS	B5D1503	RC-G
Nitrate as N	2.97	1.25	mg/L	5.00	04/03/25 16:40	EPA 9056A		JDS	B5D1397	RC-G

Sample Number 25D0312-02
Sample Description W-114-2025-Q2 collected on 04/02/25 10:55

Parameter	Result	Reporting Limit	Units	DF	Analyzed	Method	Flag	Analyst	Batch	Lab
General Chemistry Parameters										
Fluoride	ND	0.10	mg/L	1.00	04/04/25 10:38	EPA 9056A		JDS	B5D1503	RC-G
Nitrate as N	0.71	0.25	mg/L	1.00	04/04/25 10:38	EPA 9056A		JDS	B5D1397	RC-G

Sample Number 25D0312-03
Sample Description W-115-2025-Q2 collected on 04/02/25 11:50

Parameter	Result	Reporting Limit	Units	DF	Analyzed	Method	Flag	Analyst	Batch	Lab
General Chemistry Parameters										
Fluoride	ND	0.10	mg/L	1.00	04/07/25 15:25	EPA 9056A		JDS	B5D1554	RC-G
Nitrate as N	2.64	1.25	mg/L	5.00	04/04/25 01:44	EPA 9056A		JDS	B5D1397	RC-G

Sample Number 25D0312-04
Sample Description W-116-2025-Q2 collected on 04/02/25 12:45

Parameter	Result	Reporting Limit	Units	DF	Analyzed	Method	Flag	Analyst	Batch	Lab
General Chemistry Parameters										
Fluoride	ND	0.20	mg/L	2.00	04/07/25 15:46	EPA 9056A		JDS	B5D1554	RC-G
Nitrate as N	5.40	1.25	mg/L	5.00	04/04/25 02:05	EPA 9056A		JDS	B5D1397	RC-G



Westinghouse Electric Company, LLC
5801 Bluff Road
Hopkins, SC 29061

Project: Groundwater
Work Order: 25D0312
Reported: 04/17/25 18:36

Sample Number 25D0312-05
Sample Description W-117-2025-Q2 collected on 04/02/25 13:40

Parameter	Result	Reporting Limit	Units	DF	Analyzed	Method	Flag	Analyst	Batch	Lab
General Chemistry Parameters										
Fluoride	ND	0.10	mg/L	1.00	04/04/25 10:59	EPA 9056A		JDS	B5D1503	RC-G
Nitrate as N	2.29	0.25	mg/L	1.00	04/04/25 10:59	EPA 9056A		JDS	B5D1397	RC-G

Sample Number 25D0312-06
Sample Description W-89-2025-Q2 collected on 04/02/25 13:59

Parameter	Result	Reporting Limit	Units	DF	Analyzed	Method	Flag	Analyst	Batch	Lab
General Chemistry Parameters										
Fluoride	ND	0.10	mg/L	1.00	04/04/25 11:20	EPA 9056A		JDS	B5D1503	RC-G
Nitrate as N	1.66	0.25	mg/L	1.00	04/04/25 11:20	EPA 9056A		JDS	B5D1397	RC-G

Sample Number 25D0312-07
Sample Description W-118-2025-Q2 collected on 04/02/25 14:30

Parameter	Result	Reporting Limit	Units	DF	Analyzed	Method	Flag	Analyst	Batch	Lab
General Chemistry Parameters										
Fluoride	ND	0.10	mg/L	1.00	04/04/25 11:41	EPA 9056A		JDS	B5D1503	RC-G
Nitrate as N	2.23	0.25	mg/L	1.00	04/04/25 11:41	EPA 9056A		JDS	B5D1397	RC-G

Sample Number 25D0312-08
Sample Description W-88-2025-Q2 collected on 04/02/25 14:49

Parameter	Result	Reporting Limit	Units	DF	Analyzed	Method	Flag	Analyst	Batch	Lab
General Chemistry Parameters										
Fluoride	ND	0.10	mg/L	1.00	04/04/25 12:01	EPA 9056A		JDS	B5D1503	RC-G
Nitrate as N	2.72	0.25	mg/L	1.00	04/04/25 12:01	EPA 9056A		JDS	B5D1397	RC-G



Westinghouse Electric Company, LLC
5801 Bluff Road
Hopkins, SC 29061

Project: Groundwater
Work Order: 25D0312
Reported: 04/17/25 18:36

Data Qualifiers and Definitions

ND Analyte NOT DETECTED at or above the reporting limit
NR Not reported

Laboratory Reference:

RC-G = Rogers and Callcott, 426 Fairforest Way, Greenville, SC 29607 / SC Lab ID 23105
RC-C = Rogers and Callcott, 215B Stoneridge Drive, Columbia, SC 29210 / SC Lab ID 40572

Rogers & Callcott Environmental Laboratory, Columbia
215B Stoneridge Dr.
Columbia, SC 29210
803-509-8999 bailey.ford@alliantcetg.com

COC Number:
632-250402-153013

25D0312

Columbia Fuel Fabrication Facility 5801 Bluff Rd Hopkins, SC		Contact Name: Diana Joyner PO #: Report to: Invoice to:		Sampler(s): <i>R. Carraway</i> <i>T. Brown</i>		Cooler Count: 1 Shipping Company: AECOM TAT: Standard	
Sample ID	Date	Matrix	Grab or Composite	Total # of Containers	Remarks	Fluoride	Nitrate
W-113-2025-Q2	2025-04-02 09:45	WG	G	1		X	X
W-114-2025-Q2	2025-04-02 10:55	WG	G	1		X	X
W-115-2025-Q2	2025-04-02 11:50	WG	G	1		X	X
W-116-2025-Q2	2025-04-02 12:45	WG	G	1		X	X
W-117-2025-Q2	2025-04-02 13:40	WG	G	1		X	X
W-89-2025-Q2	2025-04-02 13:59	WG	G	1		X	X
W-118-2025-Q2	2025-04-02 14:30	WG	G	1		X	X
W-88-2025-Q2	2025-04-02 14:49	WG	G	1		X	X

TRK: 2871 4414 0002

Relinquished by: <i>Drew Brown</i> <i>ok ELLING</i>	Date/Time: 4/2/25 1635	Received by: <i>ok ELLING</i>	Date/Time: 4/2/25 1635	Comments: «»
<i>Trevor Brown</i>	4/2/25 1649	<i>Trevor Brown</i>	4/2/25 1649	
<i>Trevor Brown</i>	4/2/25 1650	<i>FedEx</i>		

Sample Receipt Verification

Client: Westinghouse Electric Date Received: 4/3/25 Work Order: 25D0312
(rec. in Columbia 4/2/25)

Carrier Name: Client (FedEx) UPS US Mail Courier Field Services Other: _____

Tracking Number: 2871 4414 0602

Receipt Criteria	Yes	No	NA	Comments
Shipping container / cooler intact?	✓			Damaged Leaking Other:
Custody seals intact?			✓	
COC included with samples?	✓			
COC signed when relinquished and received?	✓			
Sample bottles intact?	✓			Damaged Leaking Other:
Sample ID on COC agree with label on bottle(s)?	✓			
Date / time on COC agree with label on bottle(s)?	✓			
Number of bottles on COC agrees with number of bottles received?	✓			
Samples received within holding time?	✓			
Sample volume sufficient for analysis?	✓			
VOA vials free of headspace (<6mm bubble)?			✓	
Samples cooled? Temp at receipt recorded on COC Temp measured with IR thermometer - SN: 97050067	✓			<u>(Ice)</u> Cold Packs Dry Ice None
Samples requiring pH preservation at proper pH? Note: Samples for metals analysis may be preserved upon receipt in the lab. Note: Samples for O&G and VOA analysis – preservation checked at bench.			✓	
Samples dechlorinated for parameters requiring chlorine removal at the time of sample collection? Note: Chlorine checked at bench for samples requiring Bacterial, VOA, and HAA analysis.			✓	

If in-house preservation used – record Lot #			
HCL		H ₃ PO ₄	
H ₂ SO ₄		NaOH	
HNO ₃		Other	

Comments:

Were non-conformance issues noted at sample receipt? Yes or (No)
Non-Conformance issue other than noted above:

August 27, 2025

Ms. Carolyn Moores
South Carolina Department of Environmental Services
Bureau of Water
2600 Bull Street
Columbia, S.C. 29201

**Subject: Columbia Fuel Fabrication Facility
Monitoring Well Siltation Evaluation
Richland County, S.C.
NPDES Permit SC0001848
File # 51377**

Dear Ms. Moores:

Part III. C.1.f of the National Discharge Pollution Elimination System (NPDES) Permit for Westinghouse Columbia Fuel Fabrication Facility (CFFF) (SC0001848) requires an annual evaluation for siltation of the screened intervals of the entire groundwater monitoring network (118 wells). For this evaluation, total well depth data from October 2024 and April 2025 were compared to assess the difference in the total depth measurements. Except for W-27 and WRW-1, the total depth differences were less than 0.10 feet, which is considered to be in the normal range for differences over time or between technician's measurements.

Based upon an initial evaluation using the groundwater sampling campaign's total well depth, there were two monitoring wells, W-27 and WRW-1, that had total depths with a difference of 0.25 feet or greater which could indicate the potential for siltation.

W-27

The difference in total depth in monitoring well W-27 from October 2024 to April 2025 was 0.95 feet (16.33 feet versus 15.38 feet). AECOM personnel rechecked the total depth data on August 14, 2025 and obtained a measurement of 17.91 feet. There is a pressure transducer located in this well that can impede or stop the water level indicator from reaching the bottom of the well. This appears to be the case with the errant readings during the April 2025 groundwater sampling campaign. Monitoring well W-27 is screened to a depth of 15 feet below ground surface with an approximately 3 foot above grade stickup to the top of casing for a total depth from top of casing of 18 feet.

WRW-1

Total well depth data in monitoring well WRW-1 from October 2024 to April 2025 indicated a 0.28 feet difference (33.20 feet versus 32.92 feet). AECOM personnel rechecked the total depth data on August 14, 2025 and obtained a measurement of 33.08 feet (published total depth for this well is 33.12 feet from the top of casing). This well is a 4-inch well which can make it hard to judge the total depth because the well diameter allows for slack to easily be created in the water level indicator line when the tip of the meter encounters the bottom of the well.

Based upon the measurements taken on August 14, 2025, siltation has not occurred in either of these two monitoring wells.

AECOM

Should you have any questions regarding the information provided in this report, please do not hesitate to contact me at (803) 422-2910.

Sincerely,

A handwritten signature in blue ink that reads "Jeremy Grant". The signature is fluid and cursive, with the first name "Jeremy" and the last name "Grant" clearly distinguishable.

Jeremy Grant
Project Manager

Cc: Nancy Parr, Environmental Manager, CFFF
Diana Joyner, Lead Environmental Engineer, CFFF

sys_loc_code	measurement_date	measured_depth_ of_well	depth_unit	Depth Difference
PZ-1	10/21/2024	19.7	ft	0.02
PZ-1	4/1/2025	19.68	ft	
W-10	10/1/2024	22.21	ft	0.01
W-10	4/1/2025	22.2	ft	
W-100	10/1/2024	15.1	ft	-0.04
W-100	4/1/2025	15.14	ft	
W-102	10/3/2024	33.45	ft	0.05
W-102	4/1/2025	33.4	ft	
W-103	10/15/2024	41.78	ft	-0.15
W-103	4/1/2025	41.93	ft	
W-104	10/17/2024	20.37	ft	0
W-104	4/1/2025	20.37	ft	
W-105	10/17/2024	26.93	ft	-0.04
W-105	4/1/2025	26.97	ft	
W-106	10/14/2024	32.68	ft	0.03
W-106	4/1/2025	32.65	ft	
W-107	10/18/2024	37.25	ft	-0.1
W-107	4/1/2025	37.35	ft	
W-108	10/17/2024	35.87	ft	0
W-108	4/1/2025	35.87	ft	
W-109	10/18/2024	34.97	ft	-0.01
W-109	4/1/2025	34.98	ft	
W-11	10/1/2024	27.23	ft	0
W-11	4/1/2025	27.23	ft	
W-110	10/21/2024	36.98	ft	0.05
W-110	4/1/2025	36.93	ft	
W-111	10/18/2024	84.5	ft	0.03
W-111	4/1/2025	84.47	ft	
W-112	10/21/2024	36.99	ft	0.06
W-112	4/1/2025	36.93	ft	
W-113	10/8/2024	39.02	ft	-0.53
W-113	4/1/2025	39.55	ft	
W-114	10/8/2024	23.52	ft	-0.16

W-114	4/1/2025	23.68	ft	
W-115	10/8/2024	47.92	ft	-0.08
W-115	4/1/2025	48	ft	
W-116	10/8/2024	23.15	ft	-0.05
W-116	4/1/2025	23.2	ft	
W-117	10/8/2024	46.77	ft	-0.58
W-117	4/1/2025	47.35	ft	
W-118	10/8/2024	32.43	ft	-0.1
W-118	4/1/2025	32.53	ft	
W-119	10/8/2024	33.01	ft	-0.02
W-119	4/1/2025	33.03	ft	
W-120	10/9/2024	36.85	ft	-0.51
W-120	4/1/2025	37.36	ft	
W-121	10/9/2024	25.21	ft	-0.13
W-121	4/1/2025	25.34	ft	
W-122	10/7/2024	33.11	ft	0.04
W-122	4/1/2025	33.07	ft	
W-123	10/1/2024	34.58	ft	0
W-123	4/1/2025	34.58	ft	
W-124	10/17/2024	33.55	ft	0
W-124	4/1/2025	33.55	ft	
W-125	10/16/2024	47.25	ft	-0.35
W-125	4/1/2025	47.6	ft	
W-126	10/17/2024	46.5	ft	-0.1
W-126	4/1/2025	46.6	ft	
W-13R	10/1/2024	20.21	ft	0.03
W-13R	4/1/2025	20.18	ft	
W-14	10/16/2024	30.48	ft	-0.04
W-14	4/1/2025	30.52	ft	
W-15	10/14/2024	21.8	ft	-0.1
W-15	4/1/2025	21.9	ft	
W-16	10/16/2024	13.5	ft	-0.11
W-16	4/1/2025	13.61	ft	
W-17	10/10/2024	29.63	ft	-0.27
W-17	4/1/2025	29.9	ft	

W-18R	10/3/2024	27.22	ft	0.03
W-18R	4/1/2025	27.19	ft	
W-19B	10/10/2024	42.92	ft	-0.11
W-19B	4/1/2025	43.03	ft	
W-20	10/18/2024	16.33	ft	-2.43
W-20	4/1/2025	18.76	ft	
W-22	10/3/2024	14.49	ft	0.08
W-22	4/1/2025	14.41	ft	
W-23R	10/15/2024	23.9	ft	-0.05
W-23R	4/1/2025	23.95	ft	
W-24	10/16/2024	17.09	ft	0
W-24	4/1/2025	17.09	ft	
W-25	10/18/2024	28.77	ft	0.01
W-25	4/1/2025	28.76	ft	
W-26	10/10/2024	32.22	ft	-0.03
W-26	4/1/2025	32.25	ft	
W-27	10/17/2024	16.33	ft	

0.95 16.20 in 4/24 and 16.82 in 10/23.

17.91 on 8/14/25. Water level indicator can get hung up on the transducer. The transducer needs to be removed when gauging the total depth.

W-27	4/1/2025	15.38	ft	
W-28	10/2/2024	17.2	ft	0
W-28	4/1/2025	17.2	ft	
W-29	10/3/2024	15.5	ft	-0.07
W-29	4/1/2025	15.57	ft	
W-30	10/3/2024	16.78	ft	0.05
W-30	4/1/2025	16.73	ft	
W-32	10/1/2024	23.85	ft	-0.01
W-32	4/1/2025	23.86	ft	
W-33	10/8/2024	21.32	ft	-0.06
W-33	4/1/2025	21.38	ft	
W-35	10/7/2024	22.86	ft	0.04
W-35	4/1/2025	22.82	ft	
W-36	10/7/2024	21.93	ft	0.03
W-36	4/1/2025	21.9	ft	
W-37	10/7/2024	22.92	ft	0.1

W-37	4/1/2025	22.82	ft	
W-38	10/3/2024	20	ft	0.06
W-38	4/1/2025	19.94	ft	
W-39	10/10/2024	25.25	ft	-0.05
W-39	4/1/2025	25.3	ft	
W-3A	10/17/2024	85.2	ft	-1.25
W-3A	4/1/2025	86.45	ft	
W-40	10/8/2024	17.23	ft	-0.01
W-40	4/1/2025	17.24	ft	
W-41R	10/10/2024	27.09	ft	-0.04
W-41R	4/1/2025	27.13	ft	
W-42	10/14/2024	32.95	ft	-0.07
W-42	4/1/2025	33.02	ft	
W-43	10/9/2024	24.22	ft	-0.21
W-43	4/1/2025	24.43	ft	
W-44	10/10/2024	29.9	ft	-0.1
W-44	4/1/2025	30	ft	
W-45	10/7/2024	18.16	ft	0.01
W-45	4/1/2025	18.15	ft	
W-46	10/10/2024	28.18	ft	-0.07
W-46	4/1/2025	28.25	ft	
W-47	10/14/2024	46.9	ft	0.05
W-47	4/1/2025	46.85	ft	
W-48	10/11/2024	44.04	ft	-0.21
W-48	4/1/2025	44.25	ft	
W-49	10/14/2024	118.53	ft	-1.72
W-49	4/1/2025	120.25	ft	
W-4R	10/17/2024	17.31	ft	-0.04
W-4R	4/1/2025	17.35	ft	
W-50	10/8/2024	128.1	ft	-0.25
W-50	4/1/2025	128.35	ft	
W-51	10/7/2024	14.44	ft	0.02
W-51	4/1/2025	14.42	ft	
W-52	10/7/2024	14.98	ft	0.01
W-52	4/1/2025	14.97	ft	

W-53	10/7/2024	15.4	ft	-0.05
W-53	4/1/2025	15.45	ft	
W-54	10/4/2024	15.55	ft	0.05
W-54	4/1/2025	15.5	ft	
W-55	10/21/2024	15	ft	0.05
W-55	4/1/2025	14.95	ft	
W-56	10/21/2024	14.97	ft	0.04
W-56	4/1/2025	14.93	ft	
W-57	10/4/2024	14.95	ft	0.04
W-57	4/1/2025	14.91	ft	
W-58	10/4/2024	15	ft	0.02
W-58	4/1/2025	14.98	ft	
W-59	10/21/2024	15	ft	0.06
W-59	4/1/2025	14.94	ft	
W-6	10/3/2024	27.27	ft	0.02
W-6	4/1/2025	27.25	ft	
W-60	10/11/2024	40.78	ft	-0.32
W-60	4/1/2025	41.1	ft	
W-61	10/11/2024	26.75	ft	-0.25
W-61	4/1/2025	27	ft	
W-62	10/10/2024	27.55	ft	-0.05
W-62	4/1/2025	27.6	ft	
W-63	10/14/2024	44.08	ft	-0.07
W-63	4/1/2025	44.15	ft	
W-64	10/14/2024	34.19	ft	0.01
W-64	4/1/2025	34.18	ft	
W-65	10/9/2024	34.41	ft	-0.24
W-65	4/1/2025	34.65	ft	
W-66	10/9/2024	25.19	ft	-0.18
W-66	4/1/2025	25.37	ft	
W-67	10/15/2024	34.37	ft	-0.08
W-67	4/1/2025	34.45	ft	
W-68	10/11/2024	21.22	ft	0.15
W-68	4/1/2025	21.07	ft	
W-69	10/15/2024	21.03	ft	0.02

W-69	4/1/2025	21.01	ft	
W-70	10/15/2024	51.88	ft	0.07
W-70	4/1/2025	51.81	ft	
W-71	10/15/2024	103.9	ft	-1.07
W-71	4/1/2025	104.97	ft	
W-72	10/4/2024	14.46	ft	0.01
W-72	4/1/2025	14.45	ft	
W-73	10/4/2024	15.64	ft	0.04
W-73	4/1/2025	15.6	ft	
W-74	10/4/2024	33.84	ft	0.01
W-74	4/1/2025	33.83	ft	
W-75	10/4/2024	18.54	ft	0
W-75	4/1/2025	18.54	ft	
W-76	10/2/2024	14.88	ft	0.02
W-76	4/1/2025	14.86	ft	
W-77	10/21/2024	15.27	ft	0.01
W-77	4/1/2025	15.26	ft	
W-78	10/2/2024	15.06	ft	0.01
W-78	4/1/2025	15.05	ft	
W-79	10/2/2024	15.3	ft	0.03
W-79	4/1/2025	15.27	ft	
W-7A	10/1/2024	20.09	ft	0.05
W-7A	4/1/2025	20.04	ft	
W-80	10/2/2024	15.27	ft	0.01
W-80	4/1/2025	15.26	ft	
W-81	10/2/2024	15.29	ft	0
W-81	4/1/2025	15.29	ft	
W-82	10/2/2024	15.26	ft	-0.09
W-82	4/1/2025	15.35	ft	
W-83	10/1/2024	26.03	ft	-0.02
W-83	4/1/2025	26.05	ft	
W-84	10/1/2024	20.3	ft	-0.04
W-84	4/1/2025	20.34	ft	
W-85	10/15/2024	47.75	ft	0.05
W-85	4/1/2025	47.7	ft	

W-86	10/15/2024	38.2	ft	0.08
W-86	4/1/2025	38.12	ft	
W-87	10/7/2024	32.85	ft	0.02
W-87	4/1/2025	32.83	ft	
W-88	10/8/2024	44.33	ft	-0.07
W-88	4/1/2025	44.4	ft	
W-89	10/8/2024	28.17	ft	-0.03
W-89	4/1/2025	28.2	ft	
W-90	10/11/2024	43.02	ft	-0.18
W-90	4/1/2025	43.2	ft	
W-91	10/11/2024	28.24	ft	-0.04
W-91	4/1/2025	28.28	ft	
W-92	10/17/2024	36.83	ft	-0.07
W-92	4/1/2025	36.9	ft	
W-93	10/3/2024	34.92	ft	0
W-93	4/1/2025	34.92	ft	
W-94	10/18/2024	31.95	ft	0.05
W-94	4/1/2025	31.9	ft	
W-95	10/18/2024	36.27	ft	0.06
W-95	4/1/2025	36.21	ft	
W-96	10/17/2024	32.8	ft	-0.05
W-96	4/1/2025	32.85	ft	
W-97	10/16/2024	21.94	ft	0.01
W-97	4/1/2025	21.93	ft	
W-98	10/14/2024	29.89	ft	-0.09
W-98	4/1/2025	29.98	ft	
W-99	10/11/2024	23.93	ft	-0.02
W-99	4/1/2025	23.95	ft	
W-RW1	10/4/2024	33.2	ft	0.28
W-RW1	4/1/2025	32.92	ft	
W-RW2	10/10/2024	31.29	ft	-0.08
W-RW2	4/1/2025	31.37	ft	

33.4 in 10/23 and 33.72 in 4/24. Possible difference in technician's readings in a 4" well.
33.08 on 8/14/25.