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Your ref:
Our ref: LTR-RAC-26-03

January 14, 2026

Subject: **December** 2025 CA Progress Report

Mr. Cassidy:

In accordance with Item 19 of Consent Agreement (CA) 19-02-HW, this progress report is being submitted to you, including the following requested information:

(a) a brief description of the actions which Westinghouse has taken toward achieving compliance with the Consent Agreement during the previous month;
(b) results of sampling and tests, in tabular summary format received by Westinghouse during the reporting period;
(c) a brief description of all actions which are scheduled for the next month to achieve compliance with the Consent Agreement, and other information relating to the progress of the work as deemed necessary or requested by the Department; and
(d) information regarding the percentage of work completed and any delays encountered or anticipated that may affect the approved schedule for implementation of the terms of the Consent Agreement, and a description of efforts made to mitigate delays or avoid anticipated delays.

In response to the above requirements, the following is being reported to the Department since the last progress report submitted on **December 7, 2025.** The following progress report is for work occurring from **December 1- 31, 2025**:

(a) Actions during the previous month:
- Abandoned damaged groundwater monitoring wells W-115, W-116, and W-117, installed the replacement wells, and conducted well development the week of December 3-5.
- Abandoned groundwater wells W-85 and W-86 to support LEU+ construction. In July 2025, a new lower zone of the surficial aquifer monitoring well, W-127 was installed and paired with existing upper zone of the surficial aquifer monitoring well, W-84. This new well pairing performs the same function as the abandoned well pair W-85/W-86 and assures continued effectiveness of the environmental monitoring program.
- Abandoned recently installed groundwater well W-23A to support LEU+ construction; the location of existing well, W-23R is more conducive to the refined facility footprint.
- Began drafting the comprehensive semiannual groundwater report including plume statistics analysis.
- Continued investigation of the isolated Uranium concentration in W-56.

Pilot Study Work Plan

- Continued the Tc-99 bench-scale treatability study work.
- Followed the post-injection sampling and analysis plan for the chlorinated volatile organic compound (CVOC) pilot study area, allowing for the interaction and dispersion of the remedial amendment with groundwater.
- Collected the first quarterly CVOC pilot study area performance groundwater monitoring samples from December 1st through the 4th.

(b) Results of sampling and tests:

Semi-annual Groundwater Sampling (120 wells*)

Tabulated results of the semiannual groundwater sampling campaign conducted in October 2025 are included as **Attachment A**. Potentiometric and plume figures from the October 2025 groundwater sampling campaign are included as **Attachment B**.

*Wells sampled include the normal 118 locations as well as the recently installed W-23A and W-127.

CVOC Pilot Study Area Performance Monitoring

Tabulated results of the pre-injection baseline groundwater sampling and first quarterly CVOC pilot study area performance monitoring samples collected in December 2025 are included as **Attachment C**. Groundwater analytical results for monitoring wells W-120 and 121 from the October 2025 groundwater sampling campaign are also included in this table to illustrate reductive dechlorination over time within the study area.

(c) Brief description of all actions which are scheduled for the next month:

- Submit the comprehensive semiannual groundwater monitoring report on or before January 28, 2025.
- Sample groundwater well, W-56 for uranium.
- Plan next steps for soil removal in the Middle Ditch.

Pilot Study Work Plan

- Document milestones for tracking the Tc-99 bench-scale treatability study work.

(d) Percentage of work completed, and any delays encountered or anticipated:

- 100% of the **Remedial Investigation** is complete**.**
- 100% of the **Groundwater Flow Model** is completed.
- 100% of the **Feasibility Study Work Plan** is completed.
- 100% of the **Groundwater Fate and Transport Model** is completed.
- 90% of the **Feasibility Study** is completed.
- 100% of the **Pilot Study Work Plan** is completed.
- 30% of the **Pilot Study** is implemented.
- Currently there are no anticipated delays.

Respectfully,

Diana P. Joyner
Lead Environmental Engineer
Westinghouse Electric Company, CFFF
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cc : N. Parr, Environmental Manager
J. Ferguson, EH&S Manager
J. Grant, AECOM Project Manager
M. Frassica, Licensing Engineer
ENOVIA Records

Attachment A

Groundwater Analytical Results

October 2025 (120 wells)

Attachment A
Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

		Group	VOCs	VOCs	VOCs	VOCs	Chemical	Chemical	Radiological	Radiological	Radiological	Radiological	Radiological	SVOCs	SVOCs	SVOCs
		Analyte	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Nitrate as N	Fluoride	Uranium-234	Uranium-235	Uranium-238	Total Uranium Isotopes	Technetium-99	Bis(2-ethylhexyl)phthalate	Naphthalene	Tributylphosphate
		MCL	5	5	70	2	10	4				30	900	6		
		Tap Water RSL	11	0.49	25	0.019		0.8			4		25	5.6	0.12	5.2
		Units	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	pCi/L	ug/L	ug/L	ug/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 ##	NA	NA	NA
W-RW1	10/10/2025	N	**1.16**	< 1.00	< 1.00	< 1.00	**1.24**	**0.0684 J**	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	NA	NA	NA
W-RW1	10/10/2025	FD	**1.14**	< 1.00	< 1.00	< 1.00	**1.23**	**0.0736 J**	< 0.0500	< 0.0700	< 0.200	< 0.200	2.20 #	NA	NA	NA
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**	< 1.00	< 1.00	< 10.0
W-RW2	10/16/2025	N	**86.0**	**4.97**	**0.630 J**	< 1.00	**59.1**	**0.455**	< 0.0500	< 0.0700	< 0.200	< 0.200	**14.8**	< 0.952	< 0.952	< 9.52
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 #	< 1.00	< 1.00	< 10.0
W-3A	10/23/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	< 0.100	< 0.0500	< 0.0700	**0.0693 J**	**0.0693 J**	2.19 #	< 0.978	< 0.978	< 9.78
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 #	NA	NA	NA
W-4R	10/23/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	**0.101**	< 0.0500	< 0.0700	< 0.200	< 0.200	2.16 #	NA	NA	NA
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**	< 1.00	< 1.00	< 10.0
W-6	10/3/2025	N	**18.4**	**2.74**	**2.89**	< 1.00	**323**	**0.837 J**	< 0.0500	< 0.0700	**0.336**	**0.336**	**1850**	< 1.01	< 1.01	< 10.1
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**	< 1.00	< 1.00	< 10.0
W-7A	10/6/2025	N	**0.600 J**	< 1.00	< 1.00	< 1.00	**174**	**6.12**	< 0.0500	< 0.0700	**0.408**	**0.408**	**128**	< 0.962	< 0.962	< 9.62
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**	< 1.00	< 1.00	< 10.0
W-10	10/6/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**13.6**	**2.82**	< 0.0500	< 0.0700	**0.136 J**	**0.136 J**	**67.4**	< 0.953	< 0.953	< 9.53
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**	< 1.00	< 1.00	< 10.0
W-11	10/2/2025	N	**30.0**	**4.09**	**3.61**	< 1.00	**17.8**	< 0.100	< 0.0500	< 0.0700	**0.281**	**0.281**	**657**	< 0.982	< 0.982	< 9.82
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**	< 1.00	< 1.00	< 10.0
W-13R	10/6/2025	N	**10.8**	**1.18**	**0.380 J**	< 1.00	**13.1**	**8.43**	< 0.0500	< 0.0700	**0.128 J**	**0.128 J**	**54.4**	< 0.951	< 0.951	< 9.51
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 #	< 1.00	< 1.00	< 10.0
W-14	10/22/2025	N	**1.56**	**0.640 J**	< 1.00	< 1.00	**0.555**	**0.108**	< 0.0500	< 0.0700	**0.264**	**0.264**	0.326 #	< 0.983	< 0.983	< 9.83
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**	< 1.00	< 1.00	< 10.0
W-15	10/21/2025	N	**6.16**	**1.23**	**0.730 J**	< 1.00	**32.8**	**2.36**	< 0.0500	< 0.0700	**0.124 J**	**0.124 J**	**187**	< 0.948	< 0.948	< 9.48
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**	< 1.00	< 1.00	< 10.0
W-16	10/22/2025	N	**1.06**	**0.420 J**	< 1.00	< 1.00	**2.03**	**7.95**	< 0.0500	< 0.0700	**0.179 J**	**0.179 J**	**5.71**	< 0.985	< 0.985	< 9.85
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**	< 1.00	< 1.00	< 10.0
W-17	10/9/2025	N	**4.54**	**0.920 J**	**1.11**	< 1.00	**13.4**	**3.08**	< 0.0500	< 0.0700	**0.171 J**	**0.171 J**	**448**	< 0.950	< 0.950	< 9.50
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**	< 1.00	< 1.00	< 10.0
W-18R	10/9/2025	N	**0.410 J**	< 1.00	< 1.00	< 1.00	**253**	**5.42**	< 0.0500	**0.0216 J**	**1.69**	**1.71**	**85.4**	**0.332 J**	< 0.948	< 9.48
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 ##	< 1.00	< 1.00	< 10.0
W-19B	10/14/2025	N	**27.7**	**0.560 J**	< 1.00	< 1.00	**3.27**	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	**0.347 J**	< 0.965	< 9.65
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 #	< 1.00	< 1.00	< 10.0
W-20	10/23/2025	N	< 1.00	< 1.00	**0.360 J**	< 1.00	< 0.100	**0.0496 J**	< 0.0500	< 0.0700	< 0.200	< 0.200	1.56 #	< 0.957	< 0.957	< 9.57
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**	< 1.00	< 1.00	< 10.0
W-22	10/3/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**95.3**	**4.40**	< 0.0500	**0.0131 J**	**0.711**	**0.724**	**32.9**	< 0.986	< 0.986	< 9.86
W-23A	10/22/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**1.17**	**0.0643 J**	< 0.0500	< 0.0700	< 0.200	< 0.200	**2.97**	< 0.950	< 0.950	< 9.50
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 ##	< 1.00	< 1.00	< 10.0
W-23R	10/2/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**0.647**	< 0.100	< 0.0500	**0.0590 J**	**1.87**	**1.93**	**4.86**	< 0.997	< 0.997	< 9.97
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 #	< 1.00	< 1.00	< 10.0
W-24	10/22/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**0.0506 J**	**0.0634 J**	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	< 0.946	< 0.946	< 9.46
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 #	< 1.00	< 1.00	< 10.0
W-25	10/24/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	**0.0879 J**	< 0.0500	< 0.0700	**0.143 J**	**0.143 J**	0 ##	< 1.00	< 1.00	< 10.0
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**	< 1.00	< 1.00	< 10.0
W-26	10/21/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**2.47**	**1.79**	< 0.0500	< 0.0700	**0.102 J**	**0.102 J**	2.87 #	< 0.949	< 0.949	< 9.49
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 #	< 1.00	< 1.00	< 10.0
W-27	10/23/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.200	**1.87**	< 0.0500	< 0.0700	< 0.200	< 0.200	**3.29**	< 0.955	< 0.955	< 9.55
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 #	< 1.00	< 1.00	< 10.0
W-28	10/7/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**6.57**	**4.60**	< 0.0500	**0.0162 J**	**0.818**	**0.834**	0 ##	< 0.949	< 0.949	< 9.49

Attachment A
Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

		Group	VOCs	VOCs	VOCs	VOCs	Chemical	Chemical	Radiological	Radiological	Radiological	Radiological	Radiological	SVOCs	SVOCs	SVOCs
		Analyte	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Nitrate as N	Fluoride	Uranium-234	Uranium-235	Uranium-238	Total Uranium Isotopes	Technetium-99	Bis(2-ethylhexyl)phthalate	Naphthalene	Tributylphosphate
		MCL	5	5	70	2	10	4				30	900	6		
		Tap Water RSL	11	0.49	25	0.019		0.8			4		25	5.6	0.12	5.2
		Units	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	pCi/L	ug/L	ug/L	ug/L
Well	Date	Type														
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**	< 1.00	< 1.00	< 10.0
W-29	10/8/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**20.6**	**3.64**	< 0.0500	< 0.0700	**0.543**	**0.543**	**12.0**	< 0.952	< 0.952	< 9.52
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**	< 1.00	< 1.00	< 10.0
W-30	10/13/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**156**	**11.4**	< 0.0500	**0.140**	**5.93**	**6.07**	**48.8**	< 0.951	< 0.951	< 9.51
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**	< 1.00	< 1.00	< 10.0
W-32	10/3/2025	N	**0.730 J**	< 1.00	< 1.00	< 1.00	**146**	**2.83**	< 0.0500	< 0.0700	**0.181 J**	**0.181 J**	**310**	< 0.950	< 0.950	< 9.50
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 #	< 1.00	< 1.00	< 10.0
W-33	10/16/2025	N	**364**	**44.2**	**1.48**	< 1.00	**9.95**	**0.106**	< 0.0500	< 0.0700	< 0.200	< 0.200	2.35 #	< 1.00	< 1.00	< 10.0
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 ##	< 1.00	< 1.00	< 10.0
W-35	10/10/2025	N	**0.940 J**	< 1.00	< 1.00	< 1.00	**2.47**	**0.0455 J**	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	< 0.956	< 0.948	< 9.48
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 ##	< 1.00	< 1.00	< 10.0
W-36	10/13/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**0.389**	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	< 0.956	< 0.956	< 9.56
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 #	< 0.950	< 0.950	< 9.50
W-37	10/9/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**1.30**	**0.0852 J**	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	**0.334 J**	< 0.983	< 9.83
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 ##	< 1.00	< 1.00	< 10.0
W-38	10/8/2025	N	**0.430 J**	**6.45**	< 1.00	< 1.00	**2.43**	**0.354**	< 0.0500	< 0.0700	**0.0910 J**	**0.0910 J**	0.176 #	< 1.04	< 1.04	< 10.4
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 #	< 1.00	< 1.00	< 10.0
W-39	10/16/2025	N	**259**	**6.44**	**11.2**	< 1.00	**59.6**	< 0.200	< 0.0500	< 0.0700	< 0.200	< 0.200	**6.25**	< 0.987	< 0.987	< 9.87
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 ##	< 1.00	< 1.00	< 10.0
W-40	10/14/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**3.07**	**0.258**	< 0.0500	< 0.0700	< 0.200	< 0.200	1.11 #	< 0.955	< 0.955	< 9.55
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**	< 1.00	< 1.00	< 10.0
W-41R	10/16/2025	N	**153**	**7.72**	**3.47**	< 1.00	**36.9**	< 0.200	< 0.0500	< 0.0700	**0.159 J**	**0.159 J**	**8.26**	< 0.949	< 0.949	< 9.49
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 ##	< 1.00	< 1.00	< 10.0
W-42	10/21/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**3.96**	**2.05**	< 0.0500	< 0.0700	< 0.200	< 0.200	**3.93**	< 0.956	< 0.956	< 9.56
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 ##	< 1.00	< 1.00	< 10.0
W-43	10/16/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**4.85**	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	< 0.953	< 0.953	< 9.53
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 ##	< 1.00	< 1.00	< 10.0
W-44	10/17/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**1.22**	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	< 0.972	< 0.972	< 9.72
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 #	< 1.00	**24.3**	< 10.0
W-45	10/10/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**0.119**	**0.626**	< 0.0500	**0.0118 J**	**0.493**	**0.504**	0 ##	< 0.999	**26.2**	< 9.99
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**	< 1.00	< 1.00	< 10.0
W-46	10/21/2025	N	**2.07**	**0.470 J**	< 1.00	< 1.00	**7.84**	**0.0444 J**	< 0.0500	< 0.0700	< 0.200	< 0.200	**51.1**	< 0.959	< 0.959	< 9.59
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**	< 1.00	< 1.00	< 10.0
W-47	10/21/2025	N	**0.900 J**	< 1.00	< 1.00	< 1.00	**27.0**	**5.67**	< 0.0500	< 0.0700	< 0.200	< 0.200	**90.7**	< 0.953	< 0.953	< 9.53
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**	< 1.00	< 1.00	< 10.0
W-48	10/21/2025	N	**199**	**2.44**	**1.05**	< 1.00	**5.46**	**0.297**	< 0.0500	< 0.0700	< 0.200	< 0.200	**11.9**	< 0.957	< 0.957	< 9.57
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 ##	< 1.00	< 1.00	< 10.0
W-49	10/21/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**0.0507 J**	**0.0380 J**	< 0.0500	< 0.0700	< 0.200	< 0.200	0.460 #	< 0.950	< 0.950	< 9.50
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 ##	NA	NA	NA
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 #	NA	NA	NA
W-50	10/14/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	< 0.100	< 0.0500	< 0.0700	**0.108 J**	**0.108 J**	0 ##	NA	NA	NA
W-50	10/14/2025	FD	< 1.00	< 1.00	< 1.00	< 1.00	**0.0659 J**	< 0.100	< 0.0500	< 0.0700	**0.100 J**	**0.100 J**	0 ##	NA	NA	NA
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 #	NA	NA	NA
W-51	10/9/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**0.0817 J**	**0.212**	< 0.0500	< 0.0700	< 0.200	< 0.200	1.69 #	NA	NA	NA
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 #	NA	NA	NA
W-52	10/9/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**0.455**	**0.285**	< 0.0500	< 0.0700	< 0.200	< 0.200	0.215 #	NA	NA	NA
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 #	NA	NA	NA
W-53	10/9/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**0.0848 J**	**0.0785 J**	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	NA	NA	NA

Attachment A
Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

		Group	VOCs	VOCs	VOCs	VOCs	Chemical	Chemical	Radiological	Radiological	Radiological	Radiological	Radiological	SVOCs	SVOCs	SVOCs
		Analyte	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Nitrate as N	Fluoride	Uranium-234	Uranium-235	Uranium-238	Total Uranium Isotopes	Technetium-99	Bis(2-ethylhexyl)phthalate	Naphthalene	Tributylphosphate
		MCL	5	5	70	2	10	4				30	900	6		
		Tap Water RSL	11	0.49	25	0.019		0.8			4		25	5.6	0.12	5.2
		Units	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	pCi/L	ug/L	ug/L	ug/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 #	NA	NA	NA
W-54	10/9/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	0.798	0.125	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	NA	NA	NA
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 #	NA	NA	NA
W-55	10/2/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	0.949	0.0976 J	0.0180 J	1.94	59.3	61.3	0.776 #	NA	NA	NA
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 #	NA	NA	NA
W-56	10/2/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	1.22	0.270	0.183	22.1	670	693	5.58	NA	NA	NA
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 #	NA	NA	NA
W-57	10/8/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	0.936	0.0765 J	< 0.0500	0.0233 J	0.733	0.756	0 ##	NA	NA	NA
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 #	NA	NA	NA
W-58	10/8/2025	N	0.410 J	< 1.00	< 1.00	< 1.00	8.46	0.149	< 0.0500	0.0103 J	0.369	0.379	0 ##	NA	NA	NA
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	NA	NA	NA
W-59	10/2/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	23.8	1.44	< 0.0500	0.0775	2.51	2.59	40.8	NA	NA	NA
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 #	NA	NA	NA
W-60	10/17/2025	N	< 1.00	0.520 J	< 1.00	< 1.00	< 0.100	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0.759 #	NA	NA	NA
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 #	NA	NA	NA
W-61	10/17/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	2.66	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	NA	NA	NA
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 ##	NA	NA	NA
W-62	10/17/2025	N	21.7	0.440 J	< 1.00	< 1.00	3.20	0.0409 J	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	NA	NA	NA
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	NA	NA	NA
W-63	10/21/2025	N	1.67	0.900 J	< 1.00	< 1.00	5.93	0.0676 J	< 0.0500	0.0100 J	1.12	1.13	22.7	NA	NA	NA
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	NA	NA	NA
W-64	10/20/2025	N	1.14	0.340 J	< 1.00	< 1.00	31.2	3.86	< 0.0500	< 0.0700	< 0.200	< 0.200	95.5	NA	NA	NA
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 #	NA	NA	NA
W-65	10/16/2025	N	333	33.1	13.3	< 1.00	1.36	0.0764 J	< 0.0500	< 0.0700	0.0778 J	0.0778 J	2.46 #	NA	NA	NA
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 #	NA	NA	NA
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 ##	NA	NA	NA
W-66	10/16/2025	N	775	35.5	59.9	< 1.00	1.32	0.0461 J	< 0.0500	< 0.0700	< 0.200	< 0.200	1.31 #	NA	NA	NA
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	NA	NA	NA
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	NA	NA	NA
W-67	10/21/2025	N	36.6	6.00	0.750 J	< 1.00	9.21	0.0475 J	< 0.0500	< 0.0700	< 0.200	< 0.200	34.0	NA	NA	NA
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 #	NA	NA	NA
W-68	10/17/2025	N	23.8	0.550 J	< 1.00	< 1.00	2.25	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0.678 #	NA	NA	NA
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 ##	NA	NA	NA
W-69	10/22/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	0.400	0.0460 J	< 0.0500	< 0.0700	< 0.200	< 0.200	0.472 #	NA	NA	NA
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 ##	NA	NA	NA
W-70	10/22/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	1.11	0.0412 J	< 0.0500	< 0.0700	< 0.200	< 0.200	0.206 #	NA	NA	NA
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 ##	NA	NA	NA
W-71	10/22/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	0.0860 J	0.0754 J	< 0.0500	< 0.0700	0.0697 J	0.0697 J	0 ##	NA	NA	NA
W-71	10/22/2025	FD	< 1.00	< 1.00	< 1.00	< 1.00	0.0483 J	0.0492 J	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	NA	NA	NA
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 #	NA	NA	NA
W-72	10/9/2025	N	0.420 J	< 1.00	< 1.00	< 1.00	2.22	0.416	< 0.0500	0.0194 J	0.601	0.621	0.564 #	NA	NA	NA
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 #	NA	NA	NA
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 #	NA	NA	NA
W-73	10/8/2025	N	0.520 J	< 1.00	< 1.00	< 1.00	1.12	0.0638 J	< 0.0500	< 0.0700	0.0938 J	0.0938 J	0 ##	NA	NA	NA
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 #	NA	NA	NA
W-74	10/8/2025	N	6.05	1.74	0.630 J	< 1.00	4.93	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	NA	NA	NA
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 ##	NA	NA	NA
W-75	10/8/2025	N	0.460 J	< 1.00	< 1.00	< 1.00	0.818	0.0914 J	< 0.0500	< 0.0700	< 0.200	< 0.200	0.985 #	NA	NA	NA

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Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

		Group	VOCs	VOCs	VOCs	VOCs	Chemical	Chemical	Radiological	Radiological	Radiological	Radiological	Radiological	SVOCs	SVOCs	SVOCs
		Analyte	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Nitrate as N	Fluoride	Uranium-234	Uranium-235	Uranium-238	Total Uranium Isotopes	Technetium-99	Bis(2-ethylhexyl)phthalate	Naphthalene	Tributylphosphate
		MCL	5	5	70	2	10	4				30	900	6		
		Tap Water RSL	11	0.49	25	0.019		0.8			4		25	5.6	0.12	5.2
		Units	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	pCi/L	ug/L	ug/L	ug/L
Well	Date	Type														
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 #	NA	NA	NA
W-76	10/7/2025	N	**0.360 J**	**3.84**	< 1.00	< 1.00	**12.6**	**2.88**	< 0.0500	**0.146**	**4.26**	**4.41**	1.47 #	NA	NA	NA
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**	NA	NA	NA
W-77	10/2/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**4.58**	**7.74**	**0.0310 J**	**3.24**	**76.5**	**79.8**	**5.05**	NA	NA	NA
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 #	NA	NA	NA
W-78	10/7/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**5.12**	**12.2**	< 0.0500	< 0.0700	**0.117 J**	**0.117 J**	0.0838 #	NA	NA	NA
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 #	NA	NA	NA
W-79	10/7/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**3.23**	**1.71**	< 0.0500	< 0.0700	< 0.200	< 0.200	1.19 #	NA	NA	NA
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 #	NA	NA	NA
W-80	10/7/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**8.55**	**0.253**	< 0.0500	< 0.0700	**0.174 J**	**0.174 J**	0 ##	NA	NA	NA
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 #	NA	NA	NA
W-81	10/6/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**4.12**	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	**4.15**	NA	NA	NA
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 #	NA	NA	NA
W-82	10/6/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**1.36**	**0.0715 J**	< 0.0500	< 0.0700	**0.369**	**0.369**	0 ##	NA	NA	NA
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 ##	NA	NA	NA
W-83	10/6/2025	N	< 1.00	**0.480 J**	< 1.00	< 1.00	**1.19**	**0.123**	< 0.0500	< 0.0700	< 0.200	< 0.200	0.539 #	NA	NA	NA
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 #	NA	NA	NA
W-84	10/6/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**0.136 J**	**0.0470 J**	< 0.0500	< 0.0700	**0.0829 J**	**0.0829 J**	0.491 #	NA	NA	NA
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 #	NA	NA	NA
W-85	10/2/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	**0.161**	< 0.0500	< 0.0700	**0.157 J**	**0.157 J**	**9.82**	NA	NA	NA
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 ##	NA	NA	NA
W-86	10/2/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	**0.364**	< 0.0500	**0.0112 J**	**0.318**	**0.329**	**29.1**	NA	NA	NA
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 #	NA	NA	NA
W-87	10/13/2025	N	**19.2**	**3.99**	< 1.00	< 1.00	**0.961**	**0.0902 J**	< 0.0500	< 0.0700	**0.166 J**	**0.166 J**	0 ##	NA	NA	NA
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 #	NA	NA	NA
W-88	10/14/2025	N	**0.650 J**	< 1.00	< 1.00	< 1.00	**2.54**	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	NA	NA	NA
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 #	NA	NA	NA
W-89	10/14/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**1.73**	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	NA	NA	NA
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 ##	NA	NA	NA
W-90	10/20/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**1.72**	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	1.17 #	NA	NA	NA
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 ##	NA	NA	NA
W-91	10/20/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**0.952**	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0.679 #	NA	NA	NA
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**	NA	NA	NA
W-92	10/23/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.200	**0.392**	< 0.0500	< 0.0700	< 0.200	< 0.200	2.39 #	NA	NA	NA
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 ##	NA	NA	NA
W-93	10/7/2025	N	**19.4**	**2.84**	< 1.00	< 1.00	**6.79**	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0.832 #	NA	NA	NA
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 #	NA	NA	NA
W-94	10/27/2025	N	< 1.00	**0.360 J**	**0.860 J**	< 1.00	< 0.100	**0.0715 J**	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	NA	NA	NA
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 #	NA	NA	NA
W-95	10/27/2025	N	< 1.00	< 1.00	**1.81**	**0.560 J**	< 0.100	**0.115**	< 0.0500	< 0.0700	< 0.200	< 0.200	0.574 #	NA	NA	NA
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 #	NA	NA	NA
W-96	10/23/2025	N	**1.26**	**1.20**	**1.60**	< 1.00	**0.581**	**0.0715 J**	< 0.0500	< 0.0700	< 0.200	< 0.200	**13.3**	NA	NA	NA
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**	NA	NA	NA
W-97	10/23/2025	N	**3.08**	**3.05**	< 1.00	< 1.00	**4.59**	**0.272**	< 0.0500	< 0.0700	< 0.200	< 0.200	**10.7**	NA	NA	NA
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 #	NA	NA	NA
W-98	10/21/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**6.77**	< 0.100	< 0.0500	< 0.0700	**0.0681 J**	**0.0681 J**	**4.20**	NA	NA	NA
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**	NA	NA	NA
W-99	10/16/2025	N	**7.36**	**1.04**	**0.760 J**	< 1.00	**0.982**	**2.34**	< 0.0500	< 0.0700	< 0.200	< 0.200	**80.9**	NA	NA	NA

Attachment A
Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

		Group	VOCs	VOCs	VOCs	VOCs	Chemical	Chemical	Radiological	Radiological	Radiological	Radiological	Radiological	SVOCs	SVOCs	SVOCs
		Analyte	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Nitrate as N	Fluoride	Uranium-234	Uranium-235	Uranium-238	Total Uranium Isotopes	Technetium-99	Bis(2-ethylhexyl)phthalate	Naphthalene	Tributylphosphate
		MCL	5	5	70	2	10	4				30	900	6		
		Tap Water RSL	11	0.49	25	0.019		0.8			4		25	5.6	0.12	5.2
		Units	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	pCi/L	ug/L	ug/L	ug/L
Well	Date	Type														
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**	NA	NA	NA
W-100	10/16/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**2.73**	**2.28**	< 0.0500	< 0.0700	**0.167 J**	**0.167 J**	**127**	NA	NA	NA
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**	NA	NA	NA
W-102	10/13/2025	N	**25.1**	**4.14**	**2.67**	< 1.00	**58.7**	**6.24 J**	< 0.0500	**0.0258 J**	**1.44**	**1.47**	**76.0**	NA	NA	NA
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**	NA	NA	NA
W-103	10/21/2025	N	**21.4**	**3.86**	**0.460 J**	< 1.00	**7.05**	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	**19.4**	NA	NA	NA
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 #	NA	NA	NA
W-104	10/23/2025	N	**1.95**	**1.25**	< 1.00	< 1.00	**5.73**	**0.0478 J**	< 0.0500	< 0.0700	< 0.200	< 0.200	**2.89**	NA	NA	NA
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 #	NA	NA	NA
W-105	10/22/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	**0.206**	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	NA	NA	NA
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 ##	NA	NA	NA
W-106	10/21/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	**0.222**	< 0.0500	< 0.0700	< 0.200	< 0.200	0.131 #	NA	NA	NA
W-106	10/21/2025	FD	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	**0.222**	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	NA	NA	NA
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 ##	NA	NA	NA
W-107	10/27/2025	N	< 1.00	< 1.00	< 1.00	**0.930 J**	< 0.100	**0.0954 J**	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	NA	NA	NA
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 #	NA	NA	NA
W-108	10/24/2025	N	< 1.00	< 1.00	**1.00**	< 1.00	**0.0729 J**	**0.0675 J**	< 0.0500	< 0.0700	**0.100 J**	**0.100 J**	1.45 #	NA	NA	NA
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 #	NA	NA	NA
W-109	10/23/2025	N	< 1.00	< 1.00	**1.49**	< 1.00	< 0.100	**0.0836 J**	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	NA	NA	NA
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 #	NA	NA	NA
W-110	10/24/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	1.49 #	NA	NA	NA
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 #	NA	NA	NA
W-111	10/27/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**0.129**	< 0.100	< 0.0500	< 0.0700	**0.0708 J**	**0.0708 J**	0 ##	NA	NA	NA
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 #	NA	NA	NA
W-112	10/24/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**1.00**	**0.0606 J**	< 0.0500	< 0.0700	**0.0798 J**	**0.0798 J**	2.34 #	NA	NA	NA
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 #	NA	NA	NA
W-113	10/13/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**3.00**	**0.0492 J**	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	NA	NA	NA
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 ##	NA	NA	NA
W-114	10/13/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**0.628**	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	NA	NA	NA
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 ##	NA	NA	NA
W-115	10/27/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**2.31**	< 0.100	< 0.0500	< 0.0700	**0.148 J**	**0.148 J**	0 ##	NA	NA	NA
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 ##	NA	NA	NA
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 #	NA	NA	NA
W-117	10/27/2025	N	**4.62**	**0.450 J**	< 1.00	< 1.00	**0.922**	**0.357**	< 0.0500	< 0.0700	**0.454**	**0.454**	0 ##	NA	NA	NA
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 ##	NA	NA	NA
W-118	10/14/2025	N	**35.2**	**1.52**	< 1.00	< 1.00	**2.23**	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	NA	NA	NA
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 #	NA	NA	NA
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 #	NA	NA	NA
W-119	10/13/2025	N	**32.0**	**1.80**	< 1.00	< 1.00	**1.44**	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	1.08 #	NA	NA	NA
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 #	NA	NA	NA
W-120	10/14/2025	N	**10.2**	**2.16**	**132**	< 1.00	< 0.200	**0.121 J**	< 0.0500	< 0.0700	**0.0795 J**	**0.0795 J**	0 ##	NA	NA	NA
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 #	NA	NA	NA
W-121	10/14/2025	N	**7.07**	< 1.00	< 1.00	< 1.00	< 0.200	**0.152 J**	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	NA	NA	NA
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 ##	NA	NA	NA
W-122	10/13/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	**0.0499 J**	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	NA	NA	NA
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**	NA	NA	NA
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**	NA	NA	NA
W-123	10/6/2025	N	**18.8**	**9.82**	**1.71**	< 1.00	**71.1**	**10.8**	< 0.0500	< 0.0700	**1.10**	**1.10**	**379**	NA	NA	NA
W-123	10/6/2025	FD	**18.1**	**9.30**	**1.65**	< 1.00	**71.3**	**10.6**	< 0.0500	< 0.0700	**1.06**	**1.06**	**387**	NA	NA	NA
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 #	NA	NA	NA

Attachment A
Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

		Group	VOCs	VOCs	VOCs	VOCs	Chemical	Chemical	Radiological	Radiological	Radiological	Radiological	Radiological	SVOCs	SVOCs	SVOCs
		Analyte	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Nitrate as N	Fluoride	Uranium-234	Uranium-235	Uranium-238	Total Uranium Isotopes	Technetium-99	Bis(2-ethylhexyl)phthalate	Naphthalene	Tributylphosphate
		MCL	5	5	70	2	10	4				30	900	6		
		Tap Water RSL	11	0.49	25	0.019		0.8			4		25	5.6	0.12	5.2
		Units	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	pCi/L	ug/L	ug/L	ug/L
Well	Date	Type														
W-124	10/23/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	0.519 #	NA	NA	NA
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 #	NA	NA	NA
W-125	10/22/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	**0.0478 J**	**0.229**	< 0.0500	< 0.0700	**0.228**	**0.228**	**3.02**	NA	NA	NA
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 #	NA	NA	NA
W-126	10/23/2025	N	< 1.00	**0.900 J**	**1.62**	< 1.00	< 0.100	**0.143**	< 0.0500	< 0.0700	< 0.200	< 0.200	0 ##	NA	NA	NA
W-126	10/23/2025	FD	< 1.00	**1.70**	**2.28**	< 1.00	< 0.100	**0.141**	< 0.0500	< 0.0700	< 0.200	< 0.200	2.24 #	NA	NA	NA
W-127	10/6/2025	N	< 1.00	**7.60**	< 1.00	< 1.00	**3.56**	< 0.100	< 0.0500	< 0.0700	< 0.200	< 0.200	2.53 #	NA	NA	NA

Notes: MCL - Maximum Contaminant Level
Concentrations in orange shaded cells exceed their MCL or RSL
Bold concentrations indicate detections
J - Result below reporting limit
NA - not analyzed
- 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
SVOCs - semivolatile organic compounds
VOCs - volatile organic compounds
N - Normal sample
FD - Field duplicate sample

Attachment B

October 2025 Groundwater Sampling Event Potentiometric and Plume Figures

Figure 7, Surficial Aquifer – Upper Zone Potentiometric Map
Figure 9, Surficial Aquifer – Lower Zone Potentiometric Map
Figure 11, Black Creek Aquifer Potentiometric Map

Figure 13, Extent of PCE – Surficial Aquifer – Upper Zone
Figure 15, Extent of PCE – Surficial Aquifer – Lower Zone
Figure 17, Extent of TCE – Surficial Aquifer – Upper Zone
Figure 19, Extent of TCE – Surficial Aquifer – Lower Zone
Figure 20, Extent of cis-DCE – Surficial Aquifier – Lower Zone
Figure 22, Extent of VC in Groundwater
Figure 24, Extent of Nitrate in Groundwater
Figure 26, Extent of Fluoride in Groundwater
Figure 28, Extent of Uranium in Groundwater
Figure 30, Extent of Tc-99 in Groundwater

Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Mill Creek
- Property Line
- SCRDI Bluff Road (Superfund Site)
- Culvert
- Ditch
- Mill Creek Flow Direction
- Dike Location
- Staff Gauge Location
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- NS Not Surveyed
- EL Former East Lagoon
- NL North Lagoon
- SL South Lagoon
- SAN Sanitary Lagoon
- WL1 West Lagoon I
- WL2 West Lagoon II
- Potentiometric Line (C.I. = 5 feet)
- Direction of Groundwater Flow
- 131.34 Groundwater Elevation
- (118.58) Elevation for illustrative purposes only

Based upon data collected on October 20, 2025

0 290 580 Feet

1:7,200

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

Datum: North American 1983

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Surficial Aquifer - Upper Zone Potentiometric Map October 2025

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2026	FIGURE 7

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Legend

- Surficial Aquifer - Lower Zone Monitoring Well
- Mill Creek
- Property Line
- SCRDI Bluff Road (Superfund Site)
- Culvert
- Ditch
- Mill Creek Flow Direction
- Dike Location
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- NS Not Surveyed
- EL Former East Lagoon
- NL North Lagoon
- SL South Lagoon
- SAN Sanitary Lagoon
- WL1 West Lagoon I
- WL2 West Lagoon II
- Potentiometric Line (C.I. = 5 feet)
- Direction of Groundwater Flow

127.27 Groundwater Elevation

(117.52) Elevation for illustrative purposes only

Based upon data collected on October 20, 2025

0 290 580 Feet

1:7,200

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

Datum: North American 1983

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Surficial Aquifer - Lower Zone Potentiometric Map October 2025

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60700386	CCS	December 2025	FIGURE 9

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egend

- Black Creek Aquifer Monitoring Well
- Mill Creek
- Property Line
- SCRDI Bluff Road (Superfund Site)
- Culvert
- Ditch
- Mill Creek Flow Direction
- Dike Location
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- EL Former East Lagoon
- NL North Lagoon
- SL South Lagoon
- SAN Sanitary Lagoon
- WL1 West Lagoon I
- WL2 West Lagoon II
- Potentiometric Line (C.I. = 2 feet)
- Direction of Groundwater Flow
- 116.20 Groundwater Elevation

Based upon data collected on October 20, 2025

0 290 580 Feet

1:7,200

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

Datum: North American 1983

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Black Creek Aquifer Potentiometric Map October 2025

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60700386	CCS	December 2025	FIGURE 11

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Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek
- Mill Creek Flow Direction
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- PCE Isoconcentration Contour (5 µg/L)
- PCE Isoconcentration Contour at or Above the Detection Limit (µg/L)

775	PCE Concentration in µg/L
J	Result Below Reporting Limit
EL	Former East Lagoon
NL	North Lagoon
SL	South Lagoon
SAN	Sanitary Lagoon
WL1	West Lagoon 1
WL2	West Lagoon 2
NS	Not Sampled

Notes:
Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

N

0 200 400 Feet

1:4,800

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

Datum: North American 1983

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Extent of PCE -
Surficial Aquifer - Upper Zone
October 2025

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	December 2025	FIGURE 13

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Legend

- Surficial Aquifer - Lower Zone Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- PCE Isoconcentration Contour (5 µg/L)
- PCE Isoconcentration Contour at or Above the Detection Limit (µg/L)

364	PCE Concentration in µg/L
EL	Former East Lagoon
NL	North Lagoon
SL	South Lagoon
SAN	Sanitary Lagoon
WL1	West Lagoon 1
WL2	West Lagoon 2

Notes:
Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

0 200 400 Feet
1:4,800

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

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Extent of PCE
Surficial Aquifer - Lower Zone
October 2025

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PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	December 2025	FIGURE 15

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Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- TCE Isoconcentration Contour (5 ug/L)
- TCE Isoconcentration Contour at or Above the Detection Limit (ug/L)
- 35.5 TCE Concentration in ug/L
- J Result below reporting limit
- EL Former East Lagoon
- NL North Lagoon
- SL South Lagoon
- SAN Sanitary Lagoon
- WL1 West Lagoon 1
- WL2 West Lagoon 2
- NS Not Sampled

Notes:
Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

0 200 400 Feet
1:4,800

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

Datum: North American 1983

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Extent of TCE
Surficial Aquifer - Upper Zone
October 2025
WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	December 2025	FIGURE 17

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Legend

- Surficial Aquifer - Lower Zone Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- TCE Isoconcentration Contour (5 ug/L)
- TCE Isoconcentration Contour at or Above the Detection Limit (ug/L)
- 44.2 TCE Concentration in ug/L
- J Result below reporting limit
- EL Former East Lagoon
- NL North Lagoon
- SL South Lagoon
- SAN Sanitary Lagoon
- WL1 West Lagoon 1
- WL2 West Lagoon 2

Notes:
Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

0 200 400 Feet
1:4,800

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

N

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Extent of TCE
Surficial Aquifer - Lower Zone
October 2025
WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	December 2025	FIGURE 19

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

Legend

- Surficial Aquifer - Lower Zone Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- cis-DCE Isoconcentration Contour (70 ug/L)
- cis-DCE Isoconcentration Contour at or Above the Detection Limit (ug/L)

132	cis-DCE Concentration in ug/L
J	Result below reporting limit
EL	Former East Lagoon
NL	North Lagoon
SL	South Lagoon
SAN	Sanitary Lagoon
WL1	West Lagoon 1
WL2	West Lagoon 2

Notes:
Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

0 200 400 Feet
1:4,800

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

N

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Extent of cis-DCE Surficial Aquifer - Lower Zone October 2025

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	December 2025	FIGURE 20

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Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Surficial Aquifer - Lower Zone Monitoring Well
- Black Creek Aquifer Monitoring Well
- Ditch
- Culvert
- Ditch
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- 0.93 VC Concentration in ug/L
- J Result below reporting limit
- EL Former East Lagoon
- NL North Lagoon
- SL South Lagoon
- SAN Sanitary Lagoon
- WL1 West Lagoon 1
- WL2 West Lagoon 2

Notes:
There were no exceedances of the vinyl chloride MCL or detections above the reporting limit in groundwater from October 2025. Therefore, no vinyl chloride isocontour lines are shown.

Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

0 200 400 Feet
1:4,800

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

Datum: North American 1983

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Extent of VC in Groundwater October 2025

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO:	PREPARED BY:	DATE:	
60700386	CCS	December 2025	FIGURE 22

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Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Surficial Aquifer - Lower Zone Monitoring Well
- Black Creek Aquifer Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- Nitrate Isoconcentration Contour (10 mg/L)
- Nitrate Isoconcentration Contour at or Above the Detection Limit (mg/L)

323	Nitrate Concentration in mg/L
NS	Not Sampled
EL	Former East Lagoon
NL	North Lagoon
SL	South Lagoon
SAN	Sanitary Lagoon
WL1	West Lagoon 1
WL2	West Lagoon 2

Notes:
Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

0 200 400 Feet
1:4,800

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

N

AECOM
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Extent of Nitrate in Groundwater October 2025

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2026	FIGURE 24

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Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Surficial Aquifer - Lower Zone Monitoring Well
- Black Creek Aquifer Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- Fluoride Isoconcentration Contour (4 mg/L)
- Fluoride Isoconcentration Contour at or Above the Detection Limit (mg/L)

12.2	Fluoride Concentration in mg/L
J	Result Below Reporting Limit
NS	Not Sampled
EL	Former East Lagoon
NL	North Lagoon
SL	South Lagoon
SAN	Sanitary Lagoon
WL1	West Lagoon 1
WL2	West Lagoon 2

Notes:
Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

0 200 400 Feet
1:4,800

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

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Extent of Fluoride in Groundwater October 2025

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2026	FIGURE 26

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Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Surficial Aquifer - Lower Zone Monitoring Well
- Black Creek Aquifer Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- Uranium Isoconcentration Contour (30 µg/L)
- Uranium Inferred Isoconcentration Contour (µg/L)
- Uranim Isoconcetration Contour at or Above the Minimum Detectible Concentration (µg/L)

693	Total Uranium in µg/L
J	Result below reporting limit
NS	Not Sampled
EL	Former East Lagoon
NL	North Lagoon
SL	South Lagoon
SAN	Sanitary Lagoon
WL1	West Lagoon 1
WL2	West Lagoon 2

Notes:
Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

0 200 400 Feet
1:4,800

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

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Extent of Uranium in Groundwater October 2025

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2026	FIGURE 28

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Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Surficial Aquifer - Lower Zone Monitoring Well
- Black Creek Aquifer Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- Tc-99 Isoconcentration Contour (900 pCi/L)
- Tc-99 Isoconcetration Contour at or Above the Minimum Detectible Concentration (pCi/L)
- 1,850 Technetium-99 Concentration in pCi/L
- 0 Concentration reported as a negative number by the analytical laboratory
- NS Not Sampled
- EL Former East Lagoon
- NL North Lagoon
- SL South Lagoon
- SAN Sanitary Lagoon
- WL1 West Lagoon 1
- WL2 West Lagoon 2

Notes:
Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

0 200 400 Feet
1:4,800

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

N

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Extent of Technetium-99 in Groundwater October 2025

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HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2026	FIGURE 30

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Attachment C

CVOC Pilot Study Tabulated Results

Attachment C
Table 1 - Summary of CVOC Pilot Study Area Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

		Parameter	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	Total Organic Carbon
		Units	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L
		MCL	5	5	70	100	2	--
		Minimum RDL	1	1	1	1	1	1
Location	Date	Sample type						
PMW-1A	7/22/25	N	**7.08**	< 1.00	< 1.00	< 1.00	< 1.00	**1.24**
PMW-1A	12/3/2025	N	**11.1**	< 1.00	< 1.00	< 1.00	< 1.00	**0.41**
PMW-1B	7/22/2025	N	**36.2**	**2.52**	< 1.00	< 1.00	< 1.00	**1.87**
PMW-1B	12/3/2025	N	**80.5**	**5.22**	**4.82**	< 1.00	< 1.00	**0.776**
PMW-2A	7/21/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**8.6**
PMW-2A	12/1/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**3.43**
PMW-2B	7/21/2025	N	**29.6**	**3.07**	< 1.00	< 1.00	< 1.00	**2**
PMW-2B	12/1/2025	N	**1.4**	**0.37J**	**101**	< 1.00	**1.41**	**23.5**
PMW-3A	7/21/2025	N	**24.2**	**1.18**	< 1.00	< 1.00	< 1.00	**1.17**
PMW-3A	12/3/2025	N	**37.99**	**1.98**	< 1.00	< 1.00	< 1.00	**1.66**
PMW-3B	7/21/2025	N	**38.44**	**2.29**	< 1.00	< 1.00	< 1.00	**1.12**
PMW-3B	12/3/2025	N	**50.5**	**2.55**	< 1.00	< 1.00	< 1.00	**1.26**
PMW-4A	7/22/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**1.24**
PMW-4A	12/4/2025	N	**0.37J**	< 1.00	< 1.00	< 1.00	< 1.00	**1.55**
PMW-4B	7/22/2025	N	**18.2**	**0.85J**	< 1.00	< 1.00	< 1.00	**0.668**
PMW-4B	12/4/2025	N	**15.8**	**0.96J**	**0.56J**	< 1.00	< 1.00	**3.42**
PMW-5A	7/23/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**0.881**
PMW-5A	12/4/2025	N	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**0.532**
PMW-5B	7/23/2025	N	**25.2**	**0.73J**	< 1.00	< 1.00	< 1.00	**0.727**
PMW-5B	12/4/2025	N	**16.3**	**0.52J**	< 1.00	< 1.00	< 1.00	**0.516**
PMW-6A	7/21/2025	N	**8.36**	**0.43J**	< 1.00	< 1.00	< 1.00	**2.23**
PMW-6A	12/1/2025	N	**4.02**	**0.41J**	< 1.00	< 1.00	< 1.00	**1.26**
PMW-6B	7/21/2025	N	**85**	**9.66**	**0.40J**	< 1.00	< 1.00	**1.58**
PMW-6B	12/1/2025	N	**102**	**10.8**	**0.44J**	< 1.00	< 1.00	**0.708**
W-120	7/22/2025	N	**212**	**10.5**	**0.53J**	< 1.00	< 1.00	**0.846**
W-120	10/14/2025	N	**10.2**	**2.16**	**132**	NA	<1.0	NA
W-120	12/4/2025	N	**2.3**	**0.59**	**130**	< 1.00	**3.7**	**106**
W-121	7/22/2025	N	**11.7**	< 1.00	< 1.00	< 1.00	< 1.00	**0.797**
W-121	7/22/2025	FD	**12.2**	< 1.00	< 1.00	< 1.00	< 1.00	**0.801**
W-121	10/14/2025	N	**7.07**	< 1.00	< 1.00	NA	< 1.00	NA
W-121	12/4/2025	N	**5.58**	**0.73**	**1.24**	< 1.00	< 1.00	**112**
W-121	12/4/2025	FD	**5.66**	**0.72**	**1.23**	< 1.00	< 1.00	**108**

Notes:
MCL 1 Maximum Contaminant Level
RDL - Reporting Detection Limit
ug/L - micrograms per liter
mg/L - milligrams per liter
N - Normal Sample
FD - Field Duplicate
Concentrations in orange shaded cells exceed their MCL
Bold concentrations indicate detections
NA - Not Analyzed