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Columbia Fuel Fabrication Facility
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Your ref:
Our ref: LTR-RAC-24-04

January 11, 2024

Subject: **December** 2023 CA Progress Report

Ms. Kuhn:

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 13, 2023.** The following progress report is for work occurring from **December 1- 31, 2023**:

(a) Actions during the previous month:
In accordance with **Item 7** of the Consent Agreement and to support completion of the **Feasibility Study (FS) Report** due on or before November 30, 2024, Westinghouse continued work as follows:

- Groundwater flow model:
    - A calibrated groundwater flow was achieved for the fate and transport model. Both statistical calibration and the conceptual site calibration were considered. Several fate and transport numerical model runs were completed focusing on advection and dispersion.
    - Building on the success of last month's particle tracking runs, numerical fate and transport modeling was implemented using MT3D (last month) and RT3D (this month). Particle tracking may still be used but is not an active part of current modeling.

- FS:
    - Identified and began screening remedial technologies.

(b) Results of sampling and tests:

- **Semi-annual Groundwater Sampling (118 wells)**
  Tabulated results of the semiannual groundwater sampling campaign conducted in October 2023 are included as **Attachment A**. Potentiometric and plume figures from the October 2023 groundwater sampling campaign are included as **Attachment B**.

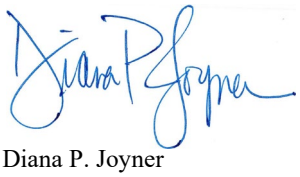
(c) Brief description of all actions which are scheduled for the next month:

- Groundwater flow model:
    - Continue the numerical modeling of the fate and transport, adding in degradation and sorption. In the case of the chlorinated volatile organics, there will be simulation of two degradation zones: above and below the bluff. Iterative runs will be completed to simulate a dissolved phase distribution of each CVOC generally consistent with the observed groundwater data.
- FS:
    - Complete remedial technologies screening.
    - Begin development and evaluation of remedial alternatives.
- Begin development of an assessment work plan for the Middle Ditch to identify the extent of contamination.

(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.
- 25% of the **Groundwater Fate and Transport Model** is completed.
- 24% of the **Feasibility Study** is completed:
    - Identification of remedial action objectives/goals (100% complete, 5% of overall FS)
    - Screening of remedial technologies (95% complete, 19% of overall FS)
    - Development and evaluation of remedial alternatives (0% complete).
- Currently there are no anticipated delays.

Respectfully,



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J. Grant, AECOM Project Manager
S. Subosits, Licensing Engineer
ENOVIA Records

Attachment A: October 2023 Groundwater Analytical Results (118 wells)
Attachment B: October 2023 Groundwater Sampling Event Potentiometric and Plume Figures

Attachment A

Groundwater Analytical Results

October 2023 (118 wells)

Attachment A - October 2023 Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-RW1	W-RW2	W-3A	W-4R	W-6	W-7A	W-10	W-11	W-13R	W-14	W-15	W-16
				Date	10/13/2023	10/13/2023	10/24/2023	10/24/2023	10/10/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/23/2023	10/19/2023	10/19/2023
				Type	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Units													
Radiological	Alpha particles	15*	pCi/L		NA	0.523 #	NA	NA	NA	**4.24**	0.566 #	NA	2.95 #	NA	2.84 #	1.18 #
Radiological	Beta particles	50*	pCi/L		NA	**10.7**	NA	NA	NA	**53.3**	**44.8**	NA	**33.6**	NA	**121**	**13.6**
Radiological	Tritium		pCi/L		NA	374 #	NA	NA	NA	0 ##	99.4 #	NA	2.03 #	NA	0 ##	192 #
Radiological	Technetium-99	900	pCi/L		0.135 #	**8.13**	1.37 #	2.04 #	**2060**	**133**	**70.8**	**1280**	**81.9**	2.16 #	**186**	**6.00**
Radiological	Uranium-233/234		pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236		pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238		pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235		%		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234		ug/L		< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235		ug/L		< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238		ug/L		< 0.200	**0.0955 J**	< 0.200	< 0.200	**0.140 J**	**0.484**	**0.101 J**	**0.0821 J**	**0.277**	**0.301**	< 0.200	**0.118 J**
Radiological	Total Uranium Isotopes	30	ug/L		< 0.200	**0.0955 J**	< 0.200	< 0.200	**0.140 J**	**0.484**	**0.101 J**	**0.0821 J**	**0.277**	**0.301**	< 0.200	**0.118 J**
Chemical	Fluoride	4	mg/L		< 0.10	**0.25**	< 0.10	**0.11**	**0.42**	**6.8**	**3.7**	< 0.10	**9.5**	< 0.10	**2.5**	**8.1**
Chemical	Nitrate as N	10	mg/L		**1.8**	**15**	< 0.020	**0.039**	**300**	**270**	**8.4**	**28**	**19**	**0.39**	**48**	**1.9**
VOCs	Acetone		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Benzene	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromodichloromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromoform		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromomethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Butanone		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon disulfide		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chlorobenzene	100	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroform		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Cyclohexane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70	ug/L		< 1.0	**0.47 J**	< 1.0	< 1.0	**3.1**	< 1.0	< 1.0	**1.8**	**0.62 J**	**0.48 J**	**1.1**	**0.43 J**
VOCs	trans-1,2-Dichloroethene	100	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Ethylbenzene	700	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Hexanone		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylcyclohexane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2,2-Tetrachloroethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Tetrachloroethene	5	ug/L		**1.1**	**140**	< 1.0	< 1.0	**20**	**0.93 J**	< 1.0	**17**	**27**	**0.57 J**	**9.3**	**2.0**
VOCs	Toluene	1000	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Trichloroethene	5	ug/L		< 1.0	**11**	< 1.0	< 1.0	**3.2**	< 1.0	< 1.0	**2.5**	**2.5**	**0.67 J**	**1.8**	**0.66 J**
VOCs	Trichlorofluoromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Vinyl chloride	2	ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6	ug/L		NA	< 1.00 < 4.0	< 1.00	NA	< 1.00	< 1.00	< 1.00	< 1.00 < 1.00	< 1.00	< 1.00 < 1.00	< 1.00	< 1.00
SVOCs	Naphthalene		ug/L		NA	**0.450 J** **< 0.16**	< 1.00	NA	< 1.00	< 1.00	< 1.00	< 1.00 < 1.00	< 1.00	< 1.00 < 1.00	< 1.00	< 1.00
SVOCs	Tributyl phosphate		ug/L		NA	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0

Attachment A - October 2023 Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

			Well	W-17	W-18R	W-19B	W-20	W-22	W-23R	W-24	W-25	W-26	W-27	W-28	W-29
			Date	10/16/2023	10/16/2023	10/16/2023	10/24/2023	10/10/2023	10/23/2023	10/23/2023	10/24/2023	10/18/2023	10/20/2023	10/10/2023	10/6/2023
			Type	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Units						NA						
Radiological	Alpha particles	15*	pCi/L	NA	3.29 #	NA	NA	**4.27**	NA	0.600 #	NA	0.837 #	NA	NA	1.71 #
Radiological	Beta particles	50*	pCi/L	NA	**101**	NA	NA	**24.9**	NA	3.12 #	NA	**4.71**	NA	NA	**11.3**
Radiological	Tritium		pCi/L	NA	340 #	NA	NA	26.3 #	NA	0 ##	NA	465 #	NA	5.72 #	78.7 #
Radiological	Technetium-99	900	pCi/L	**662**	**162**	2.03 #	2.40 #	**35.5**	2.83 #	2.73 #	1.59 #	**4.90**	2.39 #	1.82 #	**17.0**
Radiological	Uranium-233/234		pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236		pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238		pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235		%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234		ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235		ug/L	< 0.0700	**0.0202 J**	< 0.0700	< 0.0700	**0.0114 J**	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	**0.0462 J**	< 0.0700
Radiological	Uranium-238		ug/L	**0.128 J**	**1.96**	< 0.200	< 0.200	**0.460**	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	**2.15**	**0.490**
Radiological	Total Uranium Isotopes	30	ug/L	**0.128 J**	**1.98**	< 0.200	< 0.200	**0.471**	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	**2.20**	**0.490**
Chemical	Fluoride	4	mg/L	**2.8**	**6.5**	< 0.10	< 0.10	**5.8**	< 0.10	< 0.10	< 0.10	**2.1**	**3.1**	**4.9**	**2.5**
Chemical	Nitrate as N	10	mg/L	**17**	**400**	**3.5**	< 0.020	**84**	**0.75**	< 0.020	**0.043**	**2.5**	**0.026**	**0.27**	**39**
VOCs	Acetone		ug/L	< 20	< 20	< 20	NA	NA	NA	NA	NA	< 20	NA	NA	NA
VOCs	Benzene	5	ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	Bromodichloromethane		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	Bromoform		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	Bromomethane		ug/L	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA
VOCs	2-Butanone		ug/L	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	NA	NA	NA
VOCs	Carbon disulfide		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	Carbon tetrachloride	5	ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	Chlorobenzene	100	ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	Chloroethane		ug/L	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA
VOCs	Chloroform		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	Chloromethane		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	Cyclohexane		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2	ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	Dibromochloromethane		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05	ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600	ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	1,3-Dichlorobenzene		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75	ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	1,1-Dichloroethane		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	Dichlorodifluoromethane		ug/L	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA
VOCs	1,2-Dichloroethane	5	ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	1,1-Dichloroethene	7	ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70	ug/L	**1.5**	< 1.0	< 1.0	< 1.0	**0.66 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100	ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	1,2-Dichloropropane	5	ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	cis-1,3-Dichloropropene		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	trans-1,3-Dichloropropene		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	Ethylbenzene	700	ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	2-Hexanone		ug/L	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	Methyl acetate		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	Methyl tert-butyl ether		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	4-Methyl-2-pentanone		ug/L	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	NA	NA	NA
VOCs	Methylcyclohexane		ug/L	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 5.0	NA	NA	NA
VOCs	Methylene chloride	5	ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	Styrene	100	ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	1,1,2,2-Tetrachloroethane		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	Tetrachloroethene	5	ug/L	**6.0**	**1.5**	**73**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Toluene	1000	ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70	ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200	ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5	ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	Trichloroethene	5	ug/L	**1.3**	< 1.0	**1.5**	< 1.0	**0.43 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Trichlorofluoromethane		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	Vinyl chloride	2	ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000	ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6	ug/L	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 < 4.0	< 1.00	< 1.00	< 1.00
SVOCs	Naphthalene		ug/L	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 < 0.16	< 1.00	< 1.00	< 1.00
SVOCs	Tributyl phosphate		ug/L	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0

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			Well	W-30	W-32	W-33	W-35	W-36	W-37	W-38	W-39	W-40	W-41R	W-42	W-43
			Date	10/10/2023	10/5/2023	10/17/2023	10/17/2023	10/26/2023	10/13/2023	10/10/2023	10/12/2023	10/17/2023	10/16/2023	10/19/2023	10/11/2023
			Type	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Units												
Radiological	Alpha particles	15*	pCi/L	**7.08**	**10.6**	0.221 #	NA	NA	NA	NA	1.73 #	NA	1.57 #	NA	**3.41**
Radiological	Beta particles	50*	pCi/L	**26.6**	**148**	3.85 #	NA	NA	NA	NA	**5.14**	NA	**5.60**	NA	**4.93**
Radiological	Tritium		pCi/L	79.1 #	182 #	140 #	NA	NA	NA	NA	24.4 #	NA	233 #	NA	125 #
Radiological	Technetium-99	900	pCi/L	**43.2**	**243**	2.00 #	1.43 #	0.388 #	1.17 #	0 ##	**8.72**	1.43 #	**6.99**	**6.54**	0 ##
Radiological	Uranium-233/234		pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236		pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238		pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235		%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234		ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235		ug/L	**0.146**	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238		ug/L	**5.76**	**0.105 J**	**0.136 J**	**0.111 J**	< 0.200	< 0.200	< 0.200	**0.0826 J**	**0.143 J**	< 0.200	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30	ug/L	**5.91**	**0.105 J**	**0.136 J**	**0.111 J**	< 0.200	< 0.200	< 0.200	**0.0826 J**	**0.143 J**	< 0.200	< 0.200	< 0.200
Chemical	Fluoride	4	mg/L	**8.9**	**3.7**	**0.24**	< 0.10	< 0.10	< 0.10	**0.36**	< 0.10	**0.25**	< 0.10	**1.6**	< 0.10
Chemical	Nitrate as N	10	mg/L	**130**	**130**	**4.4**	**3.0**	**0.51**	**1.8**	**3.2**	**65**	**3.3**	**42**	**3.3**	**6.4**
VOCs	Acetone		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA
VOCs	Benzene	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	Bromodichloromethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	Bromoform		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	Bromomethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA
VOCs	2-Butanone		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA
VOCs	Carbon disulfide		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	Carbon tetrachloride	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	Chlorobenzene	100	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	Chloroethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA
VOCs	Chloroform		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	Chloromethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	Cyclohexane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	Dibromochloromethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	1,2-Dibromoethane	0.05	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	1,2-Dichlorobenzene	600	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	1,3-Dichlorobenzene		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	1,4-Dichlorobenzene	75	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	1,1-Dichloroethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	Dichlorodifluoromethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA
VOCs	1,2-Dichloroethane	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	1,1-Dichloroethene	7	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	cis-1,2-Dichloroethene	70	ug/L	< 1.0	< 1.0	**1.0**	< 1.0	< 1.0	< 1.0	< 1.0	**13**	< 1.0	**3.9**	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	1,2-Dichloropropane	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	cis-1,3-Dichloropropene		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	trans-1,3-Dichloropropene		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	Ethylbenzene	700	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	2-Hexanone		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA
VOCs	(1-Methylethyl)-Benzene		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	Methyl acetate		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	Methyl tert-butyl ether		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	4-Methyl-2-pentanone		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA
VOCs	Methylcyclohexane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.0	NA	NA
VOCs	Methylene chloride	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	Styrene	100	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	1,1,2,2-Tetrachloroethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	Tetrachloroethene	5	ug/L	< 1.0	**1.1**	**94**	**1.6**	< 1.0	< 1.0	**0.62 J**	**450**	< 1.0	**180**	< 1.0	**0.75 J**
VOCs	Toluene	1000	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	1,2,4-Trichlorobenzene	70	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	1,1,1-Trichloroethane	200	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	1,1,2-Trichloroethane	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	Trichloroethene	5	ug/L	< 1.0	< 1.0	**7.0**	< 1.0	< 1.0	< 1.0	**11**	**8.5**	< 1.0	**7.8**	< 1.0	< 1.0
VOCs	Trichlorofluoromethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
VOCs	Vinyl chloride	2	ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6	ug/L	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 0.943	< 1.00 < 4.0	< 1.00	< 1.00
SVOCs	Naphthalene		ug/L	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**0.460 J**	< 1.00	< 1.00	< 0.943	< 1.00 < 0.16	< 1.00	< 1.00
SVOCs	Tributyl phosphate		ug/L	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 9.43	< 10.0	< 10.0	< 10.0

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				Well	W-44	W-45	W-46	W-47	W-48	W-49	W-50	W-51	W-52	W-53	W-54	W-55
				Date	10/16/2023	10/16/2023	10/17/2023	10/19/2023	10/18/2023	10/19/2023	10/17/2023	10/3/2023	10/3/2023	10/3/2023	10/3/2023	10/12/2023
				Type	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Units													
Radiological	Alpha particles	15*	pCi/L		1.58 #	NA	NA	0.126 #	0.326 #	NA	NA	NA	NA	NA	NA	NA
Radiological	Beta particles	50*	pCi/L		**6.49**	NA	NA	**59.5**	4.17 #	NA	NA	NA	NA	NA	NA	NA
Radiological	Tritium		pCi/L		0 ##	NA	NA	0 ##	60.8 #	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900	pCi/L		0 ##	0.385 #	**49.0**	**85.4**	**14.5**	3.95 #	1.62 #	0 ##	0.423 #	0 ##	0 ##	0.0992 #
Radiological	Uranium-233/234		pCi/L		NA	NA	NA	NA	NA	NA	NA	0.121 #	0.164 #	0.0599 #	0.161 #	NA
Radiological	Uranium-235/236		pCi/L		NA	NA	NA	NA	NA	NA	NA	0 #	0 #	0.0735 #	**0.113**	NA
Radiological	Uranium-238		pCi/L		NA	NA	NA	NA	NA	NA	NA	0.0188 #	0.106 #	**0.165**	0.123 #	NA
Radiological	Percent Uranium-235		%		NA	NA	NA	NA	NA	NA	NA	0 #	0 #	0 #	**12.5**	NA
Radiological	Uranium-234		ug/L		< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	**0.0250 J**
Radiological	Uranium-235		ug/L		< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	**2.50**
Radiological	Uranium-238		ug/L		< 0.200	**0.372**	**0.117 J**	< 0.200	< 0.200	< 0.200	**0.236**	< 0.200	**0.0877 J**	< 0.200	< 0.200	**71.4**
Radiological	Total Uranium Isotopes	30	ug/L		< 0.200	**0.372**	**0.117 J**	< 0.200	< 0.200	< 0.200	**0.236**	< 0.200	**0.0877 J**	< 0.200	< 0.200	**73.9**
Chemical	Fluoride	4	mg/L		< 0.10	**0.48**	< 0.10	**4.7**	**0.43**	< 0.10	< 0.10	**0.18**	**0.98**	< 0.10	**0.13**	< 0.10
Chemical	Nitrate as N	10	mg/L		**1.9**	**0.049**	**3.7**	**41**	**5.5**	< 0.020	< 0.020	**0.069**	**0.79**	**0.30**	**1.2**	**1.5**
VOCs	Acetone		ug/L		< 20	< 20	NA	NA	< 20	NA	NA	NA	NA	NA	NA	NA
VOCs	Benzene	5	ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromodichloromethane		ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromoform		ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromomethane		ug/L		< 2.0	< 2.0	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Butanone		ug/L		< 10	< 10	NA	NA	< 10	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon disulfide		ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5	ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	Chlorobenzene	100	ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroethane		ug/L		< 2.0	< 2.0	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroform		ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloromethane		ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	Cyclohexane		ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2	ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane		ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05	ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600	ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene		ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75	ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethane		ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane		ug/L		< 2.0	< 2.0	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5	ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7	ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70	ug/L		< 1.0	< 1.0	< 1.0	< 1.0	**1.9**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100	ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5	ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene		ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene		ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	Ethylbenzene	700	ug/L		< 1.0	**1.1**	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Hexanone		ug/L		< 10	< 10	NA	NA	< 10	NA	NA	NA	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene		ug/L		< 1.0	**0.97 J**	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate		ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether		ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone		ug/L		< 10	< 10	NA	NA	< 10	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylcyclohexane		ug/L		< 5.0	**0.47 J**	NA	NA	< 5.0	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5	ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100	ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2,2-Tetrachloroethane		ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	Tetrachloroethene	5	ug/L		< 1.0	< 1.0	**3.1**	**1.3**	**210**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Toluene	1000	ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane		ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70	ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200	ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5	ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	Trichloroethene	5	ug/L		< 1.0	< 1.0	**0.69 J**	**0.42 J**	**4.9**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Trichlorofluoromethane		ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	Vinyl chloride	2	ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000	ug/L		< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6	ug/L		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 < 4.0	< 1.00	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene		ug/L		< 1.00	**5.15**	< 1.00	< 1.00	< 1.00 < 0.16	< 1.00	NA	NA	NA	NA	NA	NA
SVOCs	Tributyl phosphate		ug/L		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA

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Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-56	W-57	W-58	W-59	W-60	W-61	W-62	W-63	W-64	W-65	W-66	W-67
				Date	10/12/2023	10/6/2023	10/6/2023	10/10/2023	10/4/2023	10/4/2023	10/17/2023	10/12/2023	10/19/2023	10/12/2023	10/12/2023	10/23/2023
				Type	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Units													
Radiological	Alpha particles	15*	pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Beta particles	50*	pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Tritium		pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900	pCi/L		2.13 #	0.0147 #	0.586 #	**20.5**	0.123 #	0 ##	0.131 #	**20.3**	**72.6**	0.483 #	1.70 #	**45.7**
Radiological	Uranium-233/234		pCi/L		NA	NA	NA	NA	0.0772 #	0.0820 #	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236		pCi/L		NA	NA	NA	NA	0.0220 #	0.0923 #	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238		pCi/L		NA	NA	NA	NA	0.0534 #	0.0746 #	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235		%		NA	NA	NA	NA	0 #	0 #	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234		ug/L		**0.177**	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235		ug/L		**18.2**	< 0.0700	**0.0182 J**	**0.220**	< 0.0700	< 0.0700	< 0.0700	**0.0186 J**	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238		ug/L		**534**	< 0.200	**0.482**	**6.93**	< 0.200	< 0.200	**0.126 J**	**1.77**	< 0.200	**0.256**	**0.0900 J**	< 0.200
Radiological	Total Uranium Isotopes	30	ug/L		**552**	< 0.200	**0.500**	**7.15**	< 0.200	< 0.200	**0.126 J**	**1.79**	< 0.200	**0.256**	**0.0900 J**	< 0.200
Chemical	Fluoride	4	mg/L		**0.35**	< 0.10	**0.12**	**2.9**	< 0.10	< 0.10	< 0.10	< 0.10	**4.4**	< 0.10	< 0.10	< 0.10
Chemical	Nitrate as N	10	mg/L		**2.5**	**1.4**	**5.8**	**80**	**0.15**	**2.3**	**3.6**	**7.1**	**40**	**1.6**	**2.1**	**11**
VOCs	Acetone		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Benzene	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromodichloromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromoform		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromomethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Butanone		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon disulfide		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chlorobenzene	100	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroform		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Cyclohexane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70	ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**17**	**26**	**1.3**
VOCs	trans-1,2-Dichloroethene	100	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Ethylbenzene	700	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Hexanone		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylcyclohexane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2,2-Tetrachloroethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Tetrachloroethene	5	ug/L		< 1.0	< 1.0	< 1.0	**0.43 J**	< 1.0	< 1.0	**61**	**2.4**	**0.83 J**	**520**	**740**	**43**
VOCs	Toluene	1000	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Trichloroethene	5	ug/L		< 1.0	< 1.0	< 1.0	< 1.0	**0.80 J**	< 1.0	**0.87 J**	**1.3**	< 1.0	**49**	**21**	**7.7**
VOCs	Trichlorofluoromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Vinyl chloride	2	ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 10	< 1.0
VOCs	Xylenes, Total	10000	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributyl phosphate		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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			Well	W-68	W-69	W-70	W-70	W-71	W-72	W-73	W-74	W-75	W-76	W-77	W-78
			Date	10/17/2023	10/18/2023	10/18/2023	10/18/2023	10/18/2023	10/9/2023	10/9/2023	10/12/2023	10/13/2023	10/10/2023	10/9/2023	10/9/2023
			Type	N	N	N	FD	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Units												
Radiological	Alpha particles	15*	pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Beta particles	50*	pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Tritium		pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900	pCi/L	2.18 #	0.968 #	1.20 #	0.211 #	1.50 #	0.833 #	0.935 #	1.91 #	2.11 #	2.44 #	1.10 #	0.237 #
Radiological	Uranium-233/234		pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236		pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238		pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235		%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234		ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	**0.0260 J**	< 0.0500
Radiological	Uranium-235		ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	**0.0235 J**	< 0.0700	< 0.0700	< 0.0700	**0.124**	**2.58**	< 0.0700
Radiological	Uranium-238		ug/L	**0.139 J**	< 0.200	< 0.200	< 0.200	**0.135 J**	**0.568**	< 0.200	**0.0674 J**	**0.0799 J**	**3.52**	**57.5**	< 0.200
Radiological	Total Uranium Isotopes	30	ug/L	**0.139 J**	< 0.200	< 0.200	< 0.200	**0.135 J**	**0.592**	< 0.200	**0.0674 J**	**0.0799 J**	**3.65**	**60.1**	< 0.200
Chemical	Fluoride	4	mg/L	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	**0.82**	< 0.10	< 0.10	**0.11**	**2.0**	**10**	**13**
Chemical	Nitrate as N	10	mg/L	**2.8**	**0.45**	**1.3**	**1.3**	**0.055**	**2.0**	**0.87**	**6.2**	**0.60**	**11**	**5.4**	**8.6**
VOCs	Acetone		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Benzene	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromodichloromethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromoform		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromomethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Butanone		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon disulfide		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chlorobenzene	100	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroform		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloromethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Cyclohexane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70	ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.70 J**	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Ethylbenzene	700	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Hexanone		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylcyclohexane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2,2-Tetrachloroethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Tetrachloroethene	5	ug/L	**58**	< 1.0	< 1.0	< 1.0	< 1.0	**0.41 J**	**0.60 J**	**9.7**	**0.90 J**	**0.51 J**	< 1.0	< 1.0
VOCs	Toluene	1000	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Trichloroethene	5	ug/L	**1.3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.6**	**0.42 J**	**1.8**	< 1.0	< 1.0
VOCs	Trichlorofluoromethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Vinyl chloride	2	ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributyl phosphate		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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				Well	W-79	W-80	W-81	W-82	W-83	W-84	W-85	W-86	W-87	W-88	W-89	W-90
				Date	10/6/2023	10/6/2023	10/9/2023	10/9/2023	10/9/2023	10/9/2023	10/18/2023	10/18/2023	10/17/2023	10/16/2023	10/16/2023	10/13/2023
				Type	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Units													
Radiological	Alpha particles	15*	pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Beta particles	50*	pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Tritium		pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900	pCi/L		1.01 #	1.27 #	0.577 #	0 ##	3.31 #	0 ##	1.15 #	1.55 #	0 ##	1.75 #	0.379 #	**4.12**
Radiological	Uranium-233/234		pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236		pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238		pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235		%		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234		ug/L		< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235		ug/L		< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238		ug/L		< 0.200	< 0.200	< 0.200	**0.0807 J**	< 0.200	< 0.200	< 0.200	< 0.200	**0.374**	< 0.200	< 0.200	**0.0674 J**
Radiological	Total Uranium Isotopes	30	ug/L		< 0.200	< 0.200	< 0.200	**0.0807 J**	< 0.200	< 0.200	< 0.200	< 0.200	**0.374**	< 0.200	< 0.200	**0.0674 J**
Chemical	Fluoride	4	mg/L		**0.84**	**0.17**	< 0.10	< 0.10	**0.15**	< 0.10	**0.29**	**0.50**	**0.10**	< 0.10	< 0.10	< 0.10
Chemical	Nitrate as N	10	mg/L		**3.4**	**12**	**3.0**	**1.0**	**0.85**	**0.034**	**0.11**	< 0.020	**0.70**	**3.1**	**2.0**	**2.3**
VOCs	Acetone		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	NA
VOCs	Benzene	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	Bromodichloromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	Bromoform		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	Bromomethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	< 2.0	NA
VOCs	2-Butanone		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	NA
VOCs	Carbon disulfide		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	Carbon tetrachloride	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	Chlorobenzene	100	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	Chloroethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	< 2.0	NA
VOCs	Chloroform		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	Chloromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	Cyclohexane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	Dibromochloromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	1,2-Dibromoethane	0.05	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	1,2-Dichlorobenzene	600	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	1,3-Dichlorobenzene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	1,4-Dichlorobenzene	75	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	1,1-Dichloroethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	Dichlorodifluoromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	< 2.0	NA
VOCs	1,2-Dichloroethane	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	1,1-Dichloroethene	7	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	cis-1,2-Dichloroethene	70	ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	1,2-Dichloropropane	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	cis-1,3-Dichloropropene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	trans-1,3-Dichloropropene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	Ethylbenzene	700	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	2-Hexanone		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	NA
VOCs	(1-Methylethyl)-Benzene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	Methyl acetate		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	Methyl tert-butyl ether		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	4-Methyl-2-pentanone		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	NA
VOCs	Methylcyclohexane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 5.0	NA
VOCs	Methylene chloride	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	Styrene	100	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	1,1,2,2-Tetrachloroethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	Tetrachloroethene	5	ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**33**	**1.6**	**0.57 J**	< 1.0
VOCs	Toluene	1000	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	1,2,4-Trichlorobenzene	70	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	1,1,1-Trichloroethane	200	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	1,1,2-Trichloroethane	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	Trichloroethene	5	ug/L		< 1.0	< 1.0	< 1.0	< 1.0	**0.43 J**	< 1.0	< 1.0	< 1.0	**6.6**	< 1.0	< 1.0	**0.75 J**
VOCs	Trichlorofluoromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
VOCs	Vinyl chloride	2	ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributyl phosphate		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-91	W-91	W-92	W-93	W-94	W-95	W-96	W-97	W-98	W-99	W-100	W-102
				Date	10/13/2023	10/13/2023	10/20/2023	10/6/2023	10/25/2023	10/25/2023	10/23/2023	10/23/2023	10/19/2023	10/11/2023	10/11/2023	10/10/2023
				Type	N	FD	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Units													
Radiological	Alpha particles	15*	pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Beta particles	50*	pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Tritium		pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900	pCi/L		2.64 #	3.01 #	2.44 #	3.43 #	0 ##	0 ##	2.81 #	**58.0**	**8.92**	**45.9**	3.33 #	**100**
Radiological	Uranium-233/234		pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236		pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238		pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235		%		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234		ug/L		< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235		ug/L		< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	**0.0307 J**
Radiological	Uranium-238		ug/L		< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	**1.56**
Radiological	Total Uranium Isotopes	30	ug/L		< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	**1.59**
Chemical	Fluoride	4	mg/L		< 0.10	< 0.10	**0.24**	< 0.10	< 0.10	< 0.10	< 0.10	**0.27**	< 0.10	**3.1**	**1.8**	**3.2**
Chemical	Nitrate as N	10	mg/L		**2.7**	**2.7**	**0.026**	**6.2**	**0.039**	**0.041**	< 0.020	**10**	**8.9**	**0.47**	**3.9**	**80**
VOCs	Acetone		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Benzene	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromodichloromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromoform		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromomethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Butanone		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon disulfide		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chlorobenzene	100	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroform		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Cyclohexane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70	ug/L		< 1.0	< 1.0	< 1.0	< 1.0	**6.8**	**3.9**	**1.0**	**0.41 J**	< 1.0	< 1.0	< 1.0	**3.9**
VOCs	trans-1,2-Dichloroethene	100	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Ethylbenzene	700	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Hexanone		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylcyclohexane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2,2-Tetrachloroethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Tetrachloroethene	5	ug/L		< 1.0	< 1.0	< 1.0	**28**	< 1.0	< 1.0	< 1.0	**13**	< 1.0	**3.4**	< 1.0	**35**
VOCs	Toluene	1000	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Trichloroethene	5	ug/L		< 1.0	< 1.0	< 1.0	**3.7**	< 1.0	< 1.0	**1.6**	**2.8**	**0.48 J**	< 1.0	< 1.0	**5.2**
VOCs	Trichlorofluoromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Vinyl chloride	2	ug/L		< 1.0	< 1.0	< 1.0	< 1.0	**1.6**	**2.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributyl phosphate		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

			Well	W-103	W-104	W-105	W-106	W-107	W-108	W-108	W-109	W-110	W-111	W-112	W-113
			Date	10/23/2023	10/24/2023	10/20/2023	10/19/2023	10/25/2023	10/24/2023	10/24/2023	10/24/2023	10/24/2023	10/25/2023	10/25/2023	10/4/2023
			Type	N	N	N	N	N	N	FD	N	N	N	N	N
Group	Analyte	MCL	Units												
Radiological	Alpha particles	15*	pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Beta particles	50*	pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Tritium		pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900	pCi/L	**24.3**	1.56 #	1.54 #	**5.47**	0 ##	1.82 #	1.70 #	1.56 #	0.183 #	0 ##	0.794 #	0.377 #
Radiological	Uranium-233/234		pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.213 #
Radiological	Uranium-235/236		pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0989 #
Radiological	Uranium-238		pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.120 #
Radiological	Percent Uranium-235		%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 #
Radiological	Uranium-234		ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235		ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238		ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	**0.174 J**	**0.0917 J**	**0.0942 J**
Radiological	Total Uranium Isotopes	30	ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	**0.174 J**	**0.0917 J**	**0.0942 J**
Chemical	Fluoride	4	mg/L	< 0.10	< 0.10	**0.46**	**0.17**	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chemical	Nitrate as N	10	mg/L	**7.8**	**6.0**	**0.027**	< 0.020	< 0.020	**0.032**	**0.033**	< 0.020	< 0.020	**0.075**	**0.041**	**2.6**
VOCs	Acetone		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Benzene	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromodichloromethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromoform		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromomethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Butanone		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon disulfide		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chlorobenzene	100	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroform		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloromethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Cyclohexane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70	ug/L	**0.76 J**	< 1.0	< 1.0	< 1.0	< 1.0	**1.1**	**1.3**	**2.8**	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Ethylbenzene	700	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Hexanone		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylcyclohexane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2,2-Tetrachloroethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Tetrachloroethene	5	ug/L	**25**	**3.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Toluene	1000	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Trichloroethene	5	ug/L	**5.0**	**1.8**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Trichlorofluoromethane		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Vinyl chloride	2	ug/L	< 1.0	< 1.0	< 1.0	< 1.0	**3.9**	**0.95 J**	**1.1**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributyl phosphate		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Attachment A - October 2023 Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-114	W-115	W-116	W-117	W-118	W-119	W-120	W-121	W-121	W-122	W-123	W-124
				Date	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/11/2023	10/11/2023	10/11/2023	10/11/2023	10/11/2023	10/26/2023	10/5/2023	10/24/2023
				Type	N	N	N	N	N	N	N	N	FD	N	N	N
Group	Analyte	MCL	Units													
Radiological	Alpha particles	15*	pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Beta particles	50*	pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Tritium		pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900	pCi/L		2.82 #	0 ##	0.544 #	0 ##	0 ##	0 ##	0 ##	0 ##	0 ##	1.15 #	**534**	0 ##
Radiological	Uranium-233/234		pCi/L		0 ##	0.122 #	0 ##	0.118 #	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236		pCi/L		0.0920 #	**0.0844**	0 ##	0.0456 #	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238		pCi/L		0.0931 #	**0.171**	0.0718 #	**0.184**	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235		%		0 #	**7.13**	0 #	0 #	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234		ug/L		< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235		ug/L		< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	**0.0137 J**	< 0.0700
Radiological	Uranium-238		ug/L		**0.0699 J**	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	**0.169 J**	< 0.200	< 0.200	< 0.200	**1.78**	< 0.200
Radiological	Total Uranium Isotopes	30	ug/L		**0.0699 J**	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	**0.169 J**	< 0.200	< 0.200	< 0.200	**1.79**	< 0.200
Chemical	Fluoride	4	mg/L		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	**9.8**	< 0.10
Chemical	Nitrate as N	10	mg/L		**0.94**	**2.5**	**5.5**	**2.2**	**2.8**	**1.4**	**3.4**	**2.5**	**2.6**	< 0.020	**120**	< 0.020
VOCs	Acetone		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Benzene	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromodichloromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromoform		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromomethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Butanone		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon disulfide		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chlorobenzene	100	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroform		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Cyclohexane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70	ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.67 J**	< 1.0	< 1.0	< 1.0	**1.6**	< 1.0
VOCs	trans-1,2-Dichloroethene	100	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Ethylbenzene	700	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Hexanone		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylcyclohexane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2,2-Tetrachloroethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Tetrachloroethene	5	ug/L		< 1.0	< 1.0	< 1.0	**12**	**74**	**68**	**330**	**28**	**28**	< 1.0	**30**	< 1.0
VOCs	Toluene	1000	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Trichloroethene	5	ug/L		< 1.0	< 1.0	< 1.0	**0.97 J**	**2.2**	**2.7**	**15**	**1.3**	**1.0**	< 1.0	**8.7**	< 1.0
VOCs	Trichlorofluoromethane		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Vinyl chloride	2	ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6	ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributyl phosphate		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Attachment A - October 2023 Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

			Well	W-125	W-125	W-126
			Date	10/20/2023	10/20/2023	10/23/2023
			Type	N	FD	N
Group	Analyte	MCL	Units			
Radiological	Alpha particles	15*	pCi/L	NA	NA	NA
Radiological	Beta particles	50*	pCi/L	NA	NA	NA
Radiological	Tritium		pCi/L	NA	NA	NA
Radiological	Technetium-99	900	pCi/L	0.965 #	0.631 #	1.96 #
Radiological	Uranium-233/234		pCi/L	NA	NA	NA
Radiological	Uranium-235/236		pCi/L	NA	NA	NA
Radiological	Uranium-238		pCi/L	NA	NA	NA
Radiological	Percent Uranium-235		%	NA	NA	NA
Radiological	Uranium-234		ug/L	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235		ug/L	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238		ug/L	< 0.200	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30	ug/L	< 0.200	< 0.200	< 0.200
Chemical	Fluoride	4	mg/L	**0.14**	**0.13**	**0.17**
Chemical	Nitrate as N	10	mg/L	**0.028**	**0.028**	< 0.020
VOCs	Acetone		ug/L	NA	NA	NA
VOCs	Benzene	5	ug/L	NA	NA	NA
VOCs	Bromodichloromethane		ug/L	NA	NA	NA
VOCs	Bromoform		ug/L	NA	NA	NA
VOCs	Bromomethane		ug/L	NA	NA	NA
VOCs	2-Butanone		ug/L	NA	NA	NA
VOCs	Carbon disulfide		ug/L	NA	NA	NA
VOCs	Carbon tetrachloride	5	ug/L	NA	NA	NA
VOCs	Chlorobenzene	100	ug/L	NA	NA	NA
VOCs	Chloroethane		ug/L	NA	NA	NA
VOCs	Chloroform		ug/L	NA	NA	NA
VOCs	Chloromethane		ug/L	NA	NA	NA
VOCs	Cyclohexane		ug/L	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2	ug/L	NA	NA	NA
VOCs	Dibromochloromethane		ug/L	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05	ug/L	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600	ug/L	NA	NA	NA
VOCs	1,3-Dichlorobenzene		ug/L	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75	ug/L	NA	NA	NA
VOCs	1,1-Dichloroethane		ug/L	NA	NA	NA
VOCs	Dichlorodifluoromethane		ug/L	NA	NA	NA
VOCs	1,2-Dichloroethane	5	ug/L	NA	NA	NA
VOCs	1,1-Dichloroethene	7	ug/L	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70	ug/L	< 1.0	**0.44 J**	**1.0**
VOCs	trans-1,2-Dichloroethene	100	ug/L	NA	NA	NA
VOCs	1,2-Dichloropropane	5	ug/L	NA	NA	NA
VOCs	cis-1,3-Dichloropropene		ug/L	NA	NA	NA
VOCs	trans-1,3-Dichloropropene		ug/L	NA	NA	NA
VOCs	Ethylbenzene	700	ug/L	NA	NA	NA
VOCs	2-Hexanone		ug/L	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene		ug/L	NA	NA	NA
VOCs	Methyl acetate		ug/L	NA	NA	NA
VOCs	Methyl tert-butyl ether		ug/L	NA	NA	NA
VOCs	4-Methyl-2-pentanone		ug/L	NA	NA	NA
VOCs	Methylcyclohexane		ug/L	NA	NA	NA
VOCs	Methylene chloride	5	ug/L	NA	NA	NA
VOCs	Styrene	100	ug/L	NA	NA	NA
VOCs	1,1,2,2-Tetrachloroethane		ug/L	NA	NA	NA
VOCs	Tetrachloroethene	5	ug/L	< 1.0	< 1.0	< 1.0
VOCs	Toluene	1000	ug/L	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane		ug/L	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70	ug/L	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200	ug/L	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5	ug/L	NA	NA	NA
VOCs	Trichloroethene	5	ug/L	< 1.0	< 1.0	**2.0**
VOCs	Trichlorofluoromethane		ug/L	NA	NA	NA
VOCs	Vinyl chloride	2	ug/L	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000	ug/L	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6	ug/L	NA	NA	NA
SVOCs	Naphthalene		ug/L	NA	NA	NA
SVOCs	Tributyl phosphate		ug/L	NA	NA	NA

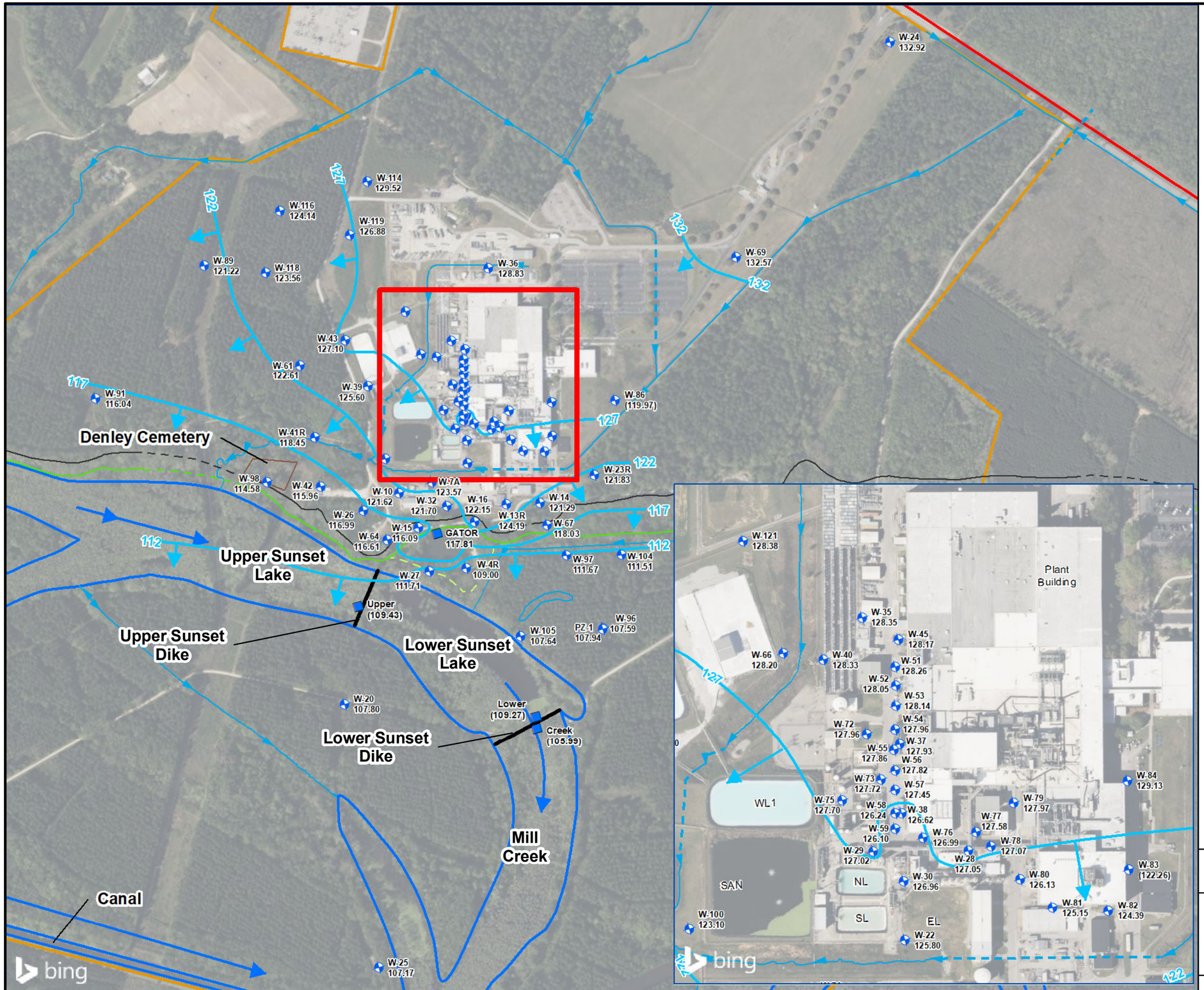
Notes:
MCL - Maximum Contaminant Level
Concentrations in orange shaded cells exceed their MCL
* - site-specific action level
Bold concentrations indicate detections
J - Result below reporting limit
NA - not analyzed
- value is below minimum detectable concentration
- value shown as zero reported by analytical laboratory as a negative numbe
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 A - October 2023 Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-RW2	W-26	W-41R	W-48
				Date	10/13/2023 9:20:00 AM	10/18/2023 1:04:00 PM	10/16/2023 2:50:00 PM	10/18/2023 2:50:00 PM
				Type	N	N	N	N
Group	Analyte	MCL	note	Units				
SVOCs	1,1'-Biphenyl			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	2,4,5-Trichlorophenol			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	2,4,6-Trichlorophenol			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	2,4-Dichlorophenol			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	2,4-Dimethylphenol			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	2,4-Dinitrophenol			ug/L	< 4.0	< 4.0	< 4.0	< 4.0
SVOCs	2,4-Dinitrotoluene			ug/L	< 1.6	< 1.6	< 1.6	< 1.6
SVOCs	2,6-Dinitrotoluene			ug/L	< 1.6	< 1.6	< 1.6	< 1.6
SVOCs	2-Chloronaphthalene			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	2-Chlorophenol			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	2-Methylnaphthalene			ug/L	< 0.16	< 0.16	< 0.16	< 0.16
SVOCs	2-Methylphenol			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	2-Nitroaniline			ug/L	< 1.6	< 1.6	< 1.6	< 1.6
SVOCs	2-Nitrophenol			ug/L	< 1.6	< 1.6	< 1.6	< 1.6
SVOCs	3,3'-Dichlorobenzidine			ug/L	< 4.0	< 4.0	< 4.0	< 4.0
SVOCs	3-Nitroaniline			ug/L	< 1.6	< 1.6	< 1.6	< 1.6
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	< 4.0	< 4.0	< 4.0	< 4.0
SVOCs	4-Bromophenyl phenyl ether			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	4-Chloro-3-methylphenol			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	4-Chloroaniline			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	4-Chlorophenyl phenyl ether			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	4-Methylphenol			ug/L	< 1.6	< 1.6	< 1.6	< 1.6
SVOCs	4-Nitroaniline			ug/L	< 1.6	< 1.6	< 1.6	< 1.6
SVOCs	4-Nitrophenol			ug/L	< 4.0	< 4.0	< 4.0	< 4.0
SVOCs	Acenaphthene			ug/L	< 0.16	< 0.16	< 0.16	< 0.16
SVOCs	Acenaphthylene			ug/L	< 0.16	< 0.16	< 0.16	< 0.16
SVOCs	Acetophenone			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	Anthracene			ug/L	< 0.16	< 0.16	< 0.16	< 0.16
SVOCs	Atrazine	3		ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	Benz(a)anthracene			ug/L	< 0.16	< 0.16	< 0.16	< 0.16
SVOCs	Benzaldehyde			ug/L	< 4.0	< 4.0	< 4.0	< 4.0
SVOCs	Benzo(a)pyrene	0.2		ug/L	< 0.16	< 0.16	< 0.16	< 0.16
SVOCs	Benzo(b)fluoranthene			ug/L	< 0.16	< 0.16	< 0.16	< 0.16
SVOCs	Benzo(g,h,i)perylene			ug/L	< 0.16	< 0.16	< 0.16	< 0.16
SVOCs	Benzo(k)fluoranthene			ug/L	< 0.16	< 0.16	< 0.16	< 0.16
SVOCs	Bis(2-chloroethoxy)methane			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	Bis(2-chloroethyl)ether			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 1.00 < 4.0	< 1.00 < 4.0	< 1.00 < 4.0	< 1.00 < 4.0
SVOCs	Butyl benzyl phthalate			ug/L	< 4.0	< 4.0	< 4.0	< 4.0
SVOCs	Caprolactam			ug/L	< 4.0	< 4.0	< 4.0	**1.7 J**
SVOCs	Carbazole			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	Chrysene			ug/L	< 0.16	< 0.16	< 0.16	< 0.16
SVOCs	Di-n-butyl phthalate			ug/L	< 4.0	< 4.0	< 4.0	< 4.0
SVOCs	Di-n-octyl phthalate			ug/L	< 4.0	< 4.0	< 4.0	< 4.0
SVOCs	Dibenz(a,h)anthracene			ug/L	< 0.16	< 0.16	< 0.16	< 0.16
SVOCs	Dibenzofuran			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	Diethyl phthalate			ug/L	< 4.0	< 4.0	< 4.0	< 4.0
SVOCs	Dimethyl phthalate			ug/L	< 4.0	< 4.0	< 4.0	< 4.0
SVOCs	Fluoranthene			ug/L	< 0.16	< 0.16	< 0.16	< 0.16
SVOCs	Fluorene			ug/L	< 0.16	< 0.16	< 0.16	< 0.16
SVOCs	Hexachlorobenzene	1		ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	Hexachlorobutadiene			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	Hexachlorocyclopentadiene	50		ug/L	< 4.0	< 4.0	< 4.0	< 4.0
SVOCs	Hexachloroethane			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	< 0.16	< 0.16	< 0.16	< 0.16
SVOCs	Isophorone			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	N-Nitrosodi-n-propylamine			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	N-Nitrosodiphenylamine			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	Naphthalene			ug/L	**0.450 J** **< 0.16**	< 1.00 < 0.16	< 1.00 < 0.16	< 1.00 < 0.16
SVOCs	Nitrobenzene			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	Pentachlorophenol	1		ug/L	< 4.0	< 4.0	< 4.0	< 4.0
SVOCs	Phenanthrene			ug/L	< 0.16	< 0.16	< 0.16	< 0.16
SVOCs	Phenol			ug/L	< 0.80	< 0.80	< 0.80	< 0.80
SVOCs	Pyrene			ug/L	< 0.16	< 0.16	< 0.16	< 0.16

Attachment B

October 2023 Groundwater Sampling Event Potentiometric and Plume Figures



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
- 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
- 132.57 Groundwater Elevation
- (122.26) Elevation for illustrative purposes only

Based upon data collected on October 2, 2023

0 300 600 Feet

1:7,200

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

Datum: North American 1983

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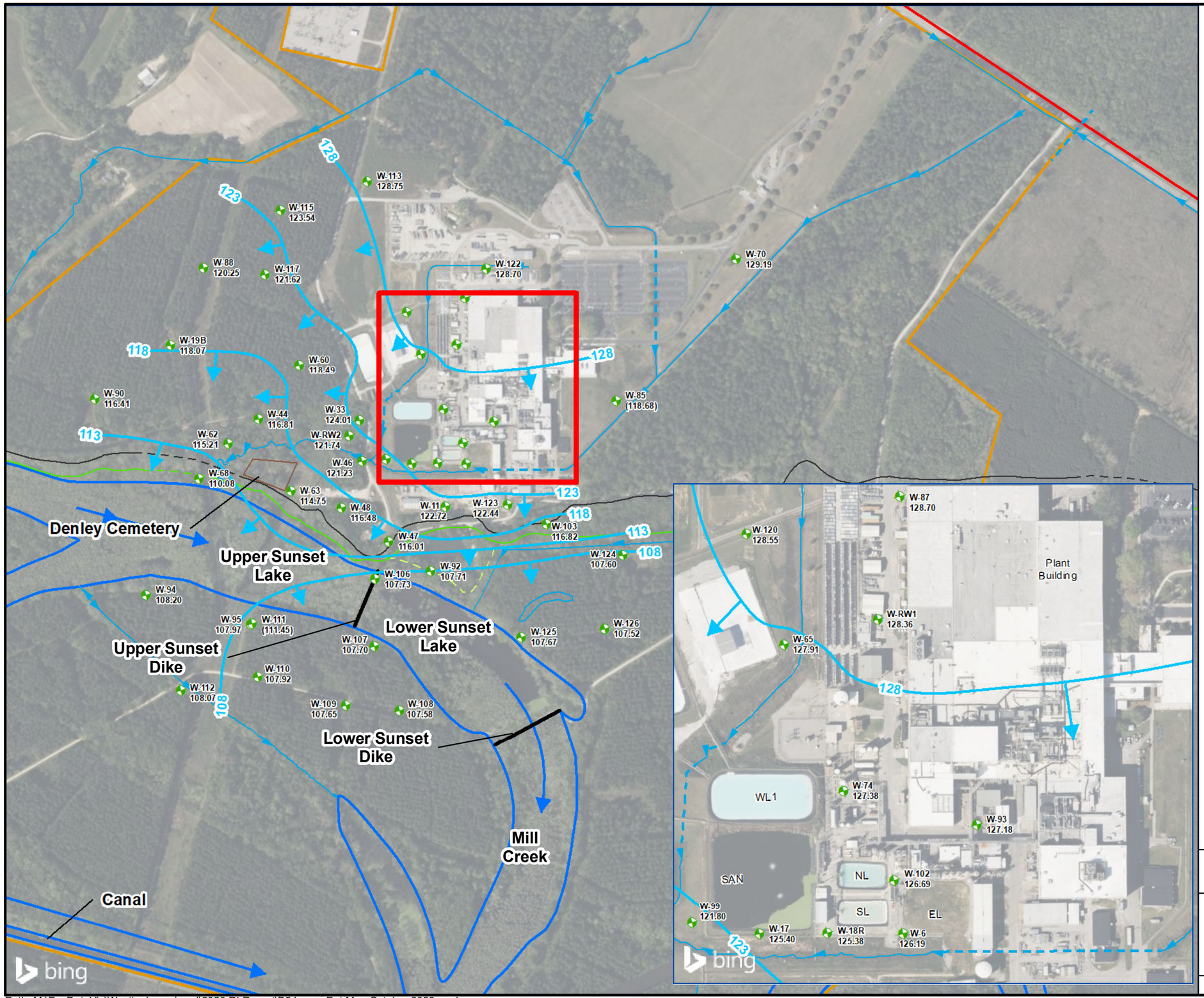
Surficial Aquifer - Upper Zone Potentiometric Map October 2023

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	December 2023	**FIGURE B1**

Path: M:\EnvDataViz\Westinghouse\mxd\2023 RI Report\B1 Upper Pot Map October 2023.mxd



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
- 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

128.70 Groundwater Elevation

(118.68) Elevation for illustrative purposes only

Based upon data collected on October 2, 2023

0 300 600 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 2023

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
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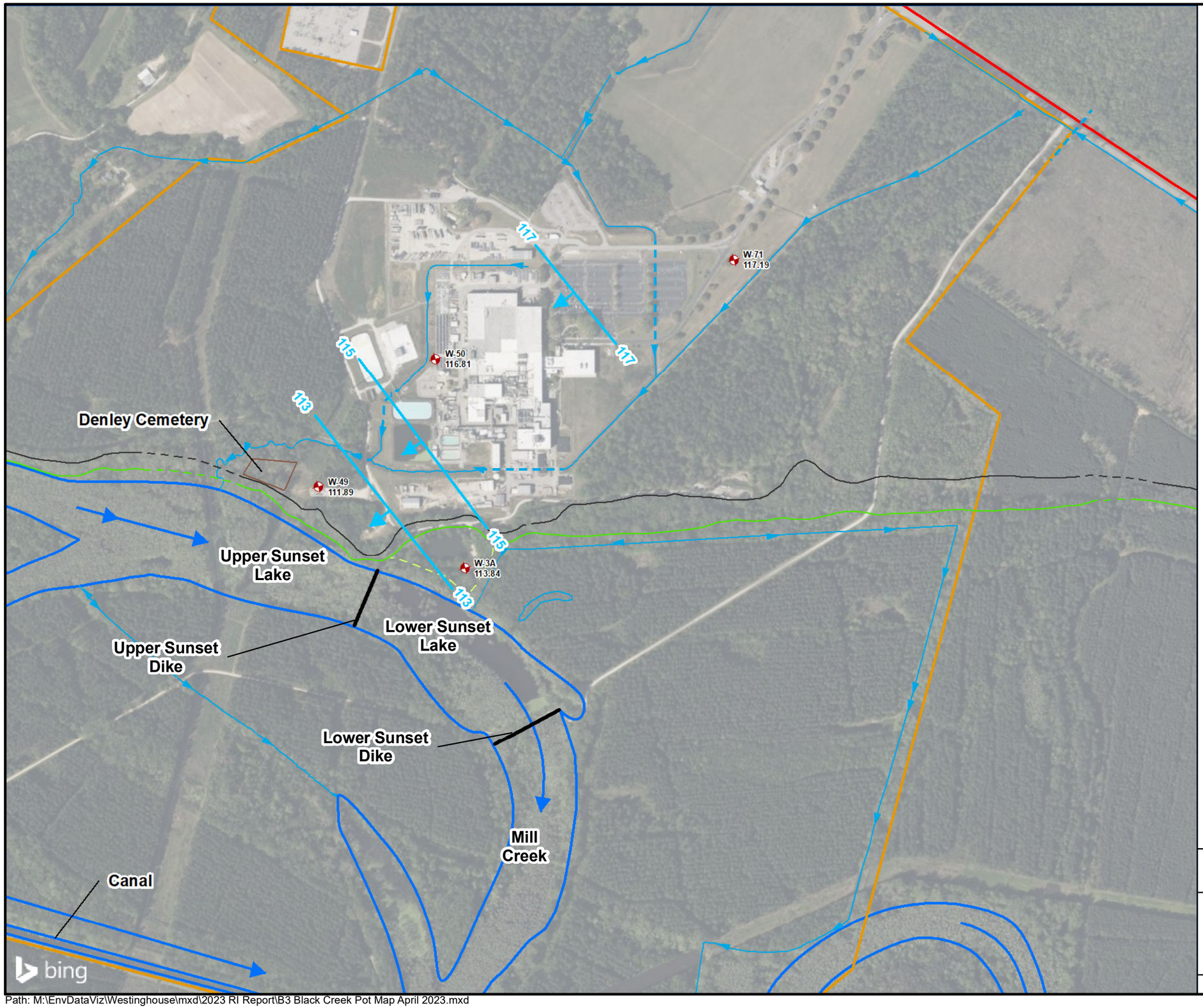
PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	December 2023	**FIGURE B2**

Path: M:\EnvDataViz\Westinghouse\mxd\2023 RI Report\B2 Lower Pot Map October 2023.mxd



Legend

- 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
- 117.19 Groundwater Elevation

Based upon data collected on October 2, 2023

0 300 600 Feet

1:7,200

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

Datum: North American 1983

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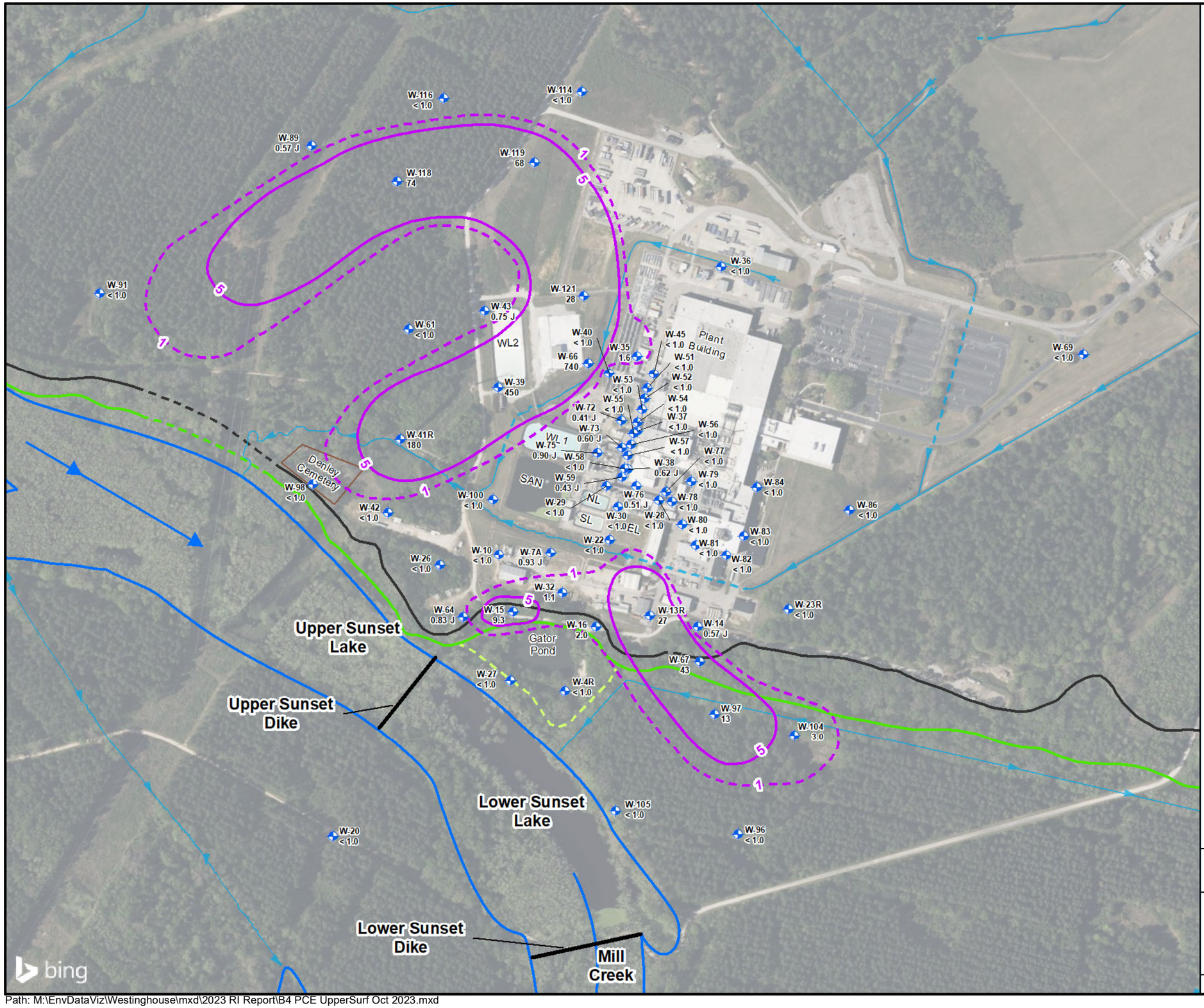
Black Creek Aquifer Potentiometric Map October 2023

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	December 2023	**FIGURE B3**

Path: M:\EnvDataViz\Westinghouse\mxd\2023 RI Report\B3 Black Creek Pot Map April 2023.mxd



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)

740	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

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 inch = 400 feet

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 2023

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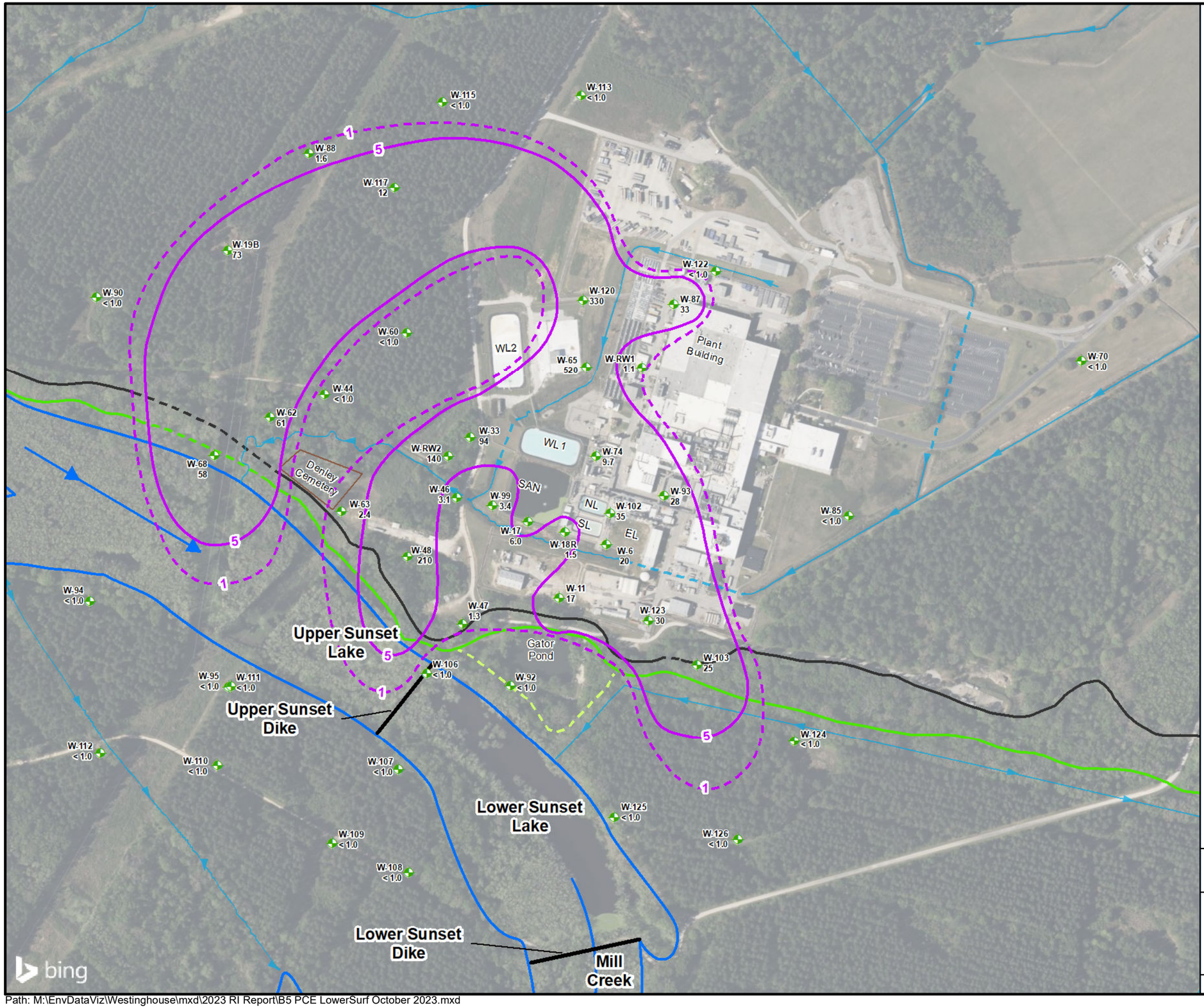
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	December 2023	FIGURE B4

Path: M:\EnvDataViz\Westinghouse\mxd\2023 RI Report\B4 PCE UpperSurf Oct 2023.mxd



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)
- 520 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.

N

0 200 400 Feet

1 inch = 400 feet

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

Datum: North American 1983

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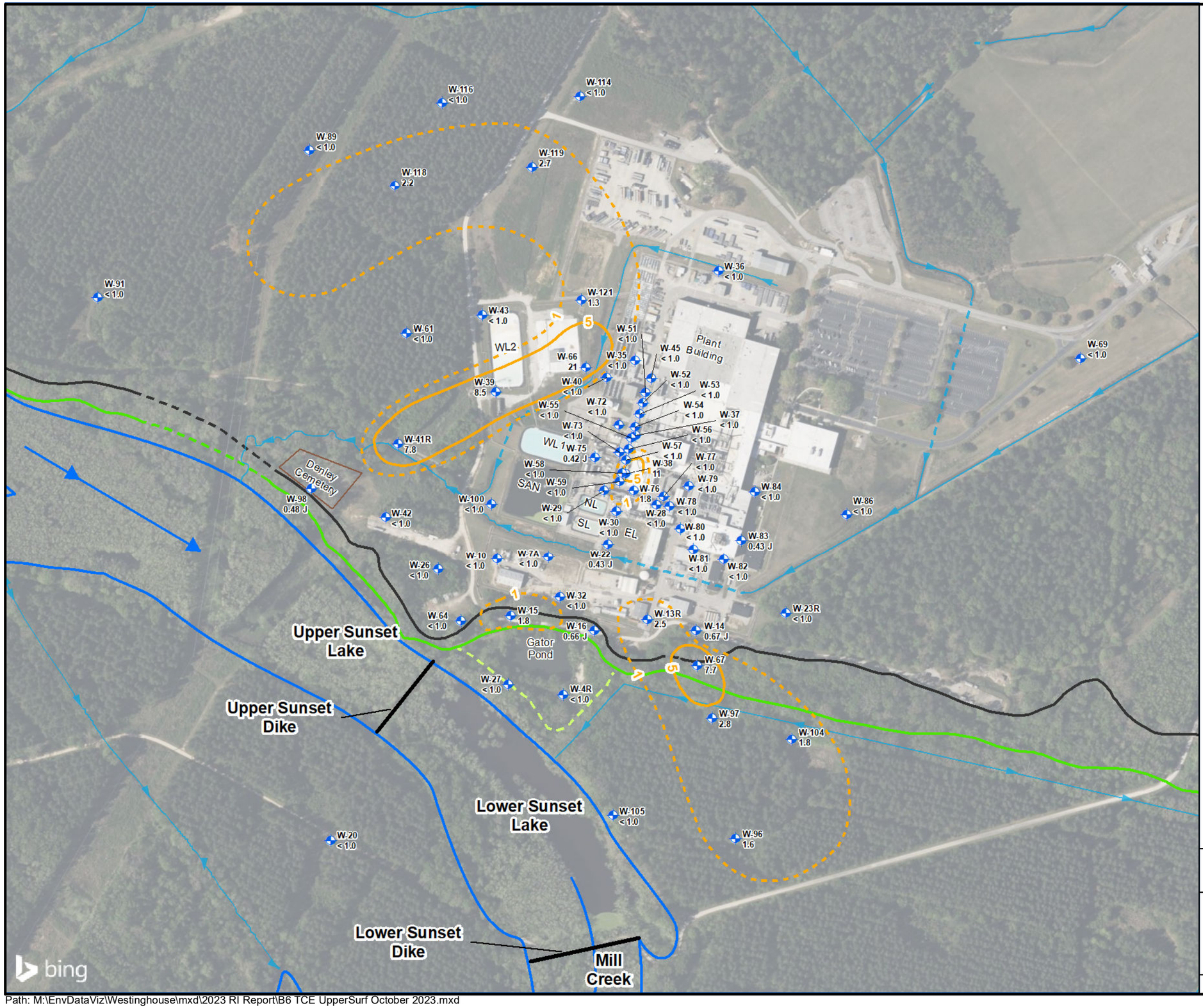
Extent of PCE
Surficial Aquifer - Lower Zone
October 2023

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	December 2023	FIGURE B5

Path: M:\EnvDataViz\Westinghouse\mxd\2023 RI Report\B5 PCE LowerSurf October 2023.mxd



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)

21	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 inch = 400 feet

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

Datum: North American 1983

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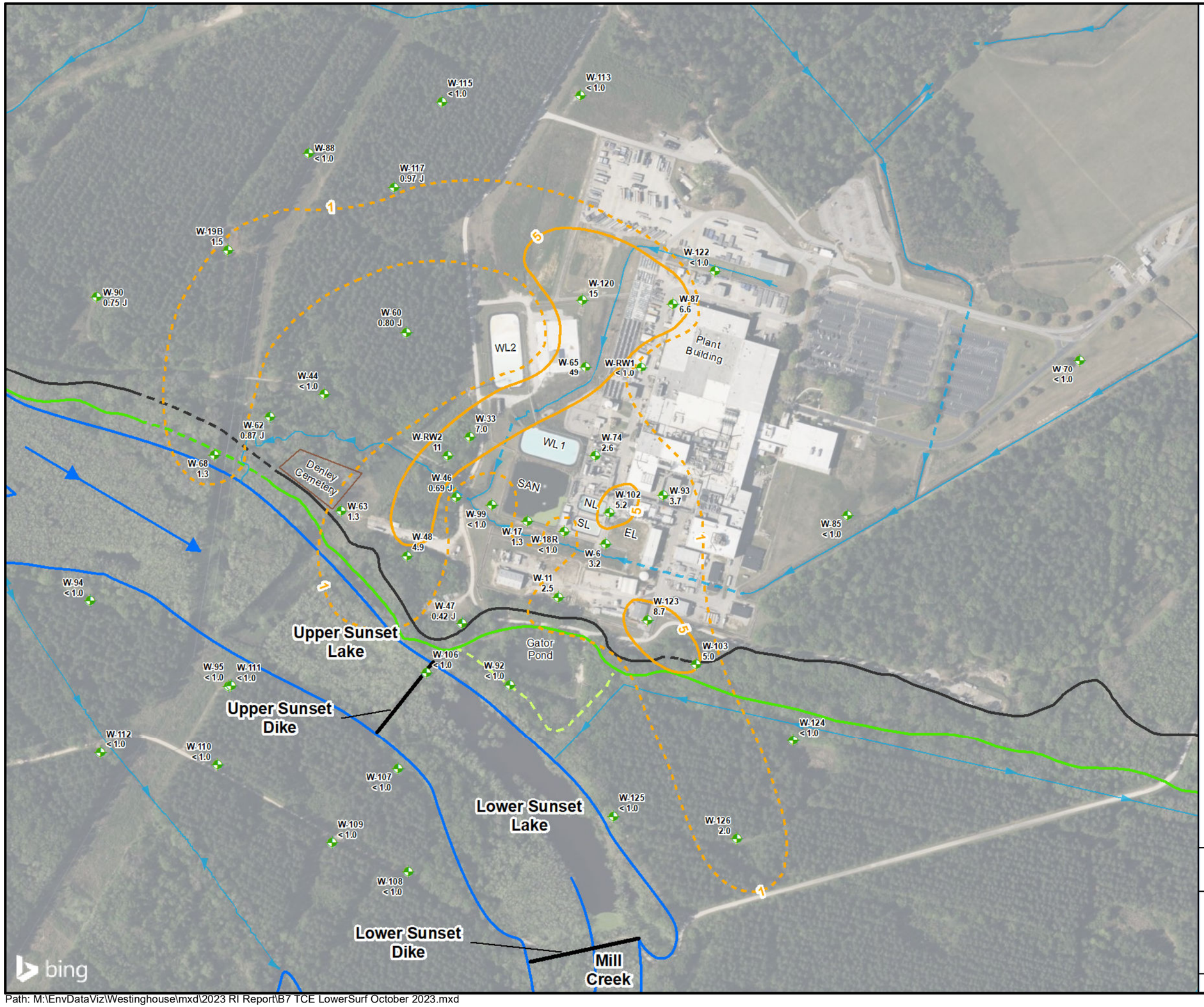
Extent of TCE
Surficial Aquifer - Upper Zone
October 2023

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	December 2023	FIGURE B6

Path: M:\EnvDataViz\Westinghouse\mxd\2023 RI Report\B6 TCE UpperSurf October 2023.mxd



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)
- 49 — 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 inch = 400 feet

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

Datum: North American 1983

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Extent of TCE
Surficial Aquifer - Lower Zone
October 2023

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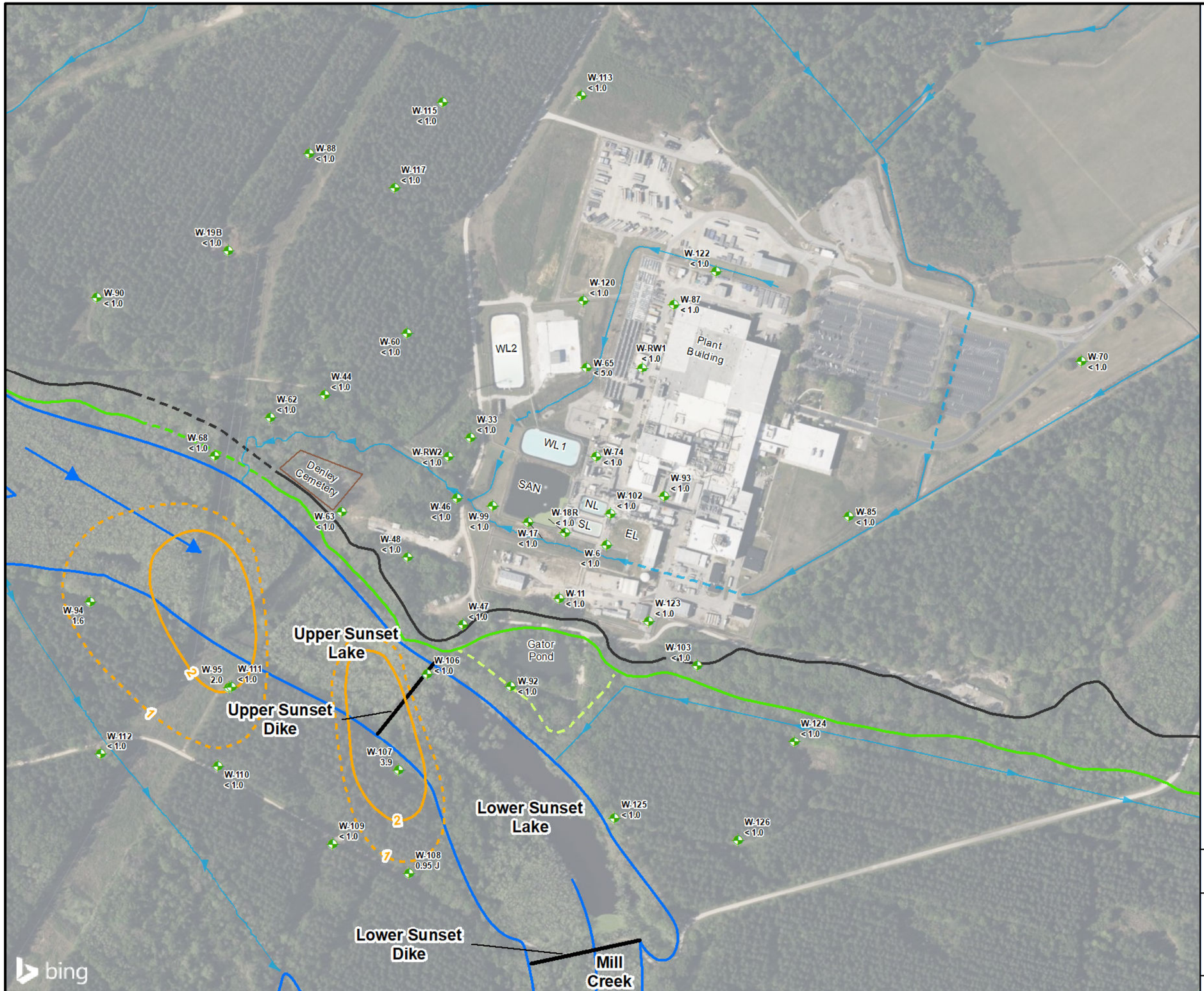
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	December 2023	FIGURE B7

Path: M:\EnvDataViz\Westinghouse\mxd\2023 RI Report\B7 TCE LowerSurf October 2023.mxd



Legend

- Surficial Aquifer - Lower Zone 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
- VC Isoconcentration Contour (2 ug/L)
- VC Isoconcentration Contour at or Above the Detection Limit (ug/L)
- 3.9 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:

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 inch = 400 feet

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

Datum: North American 1983

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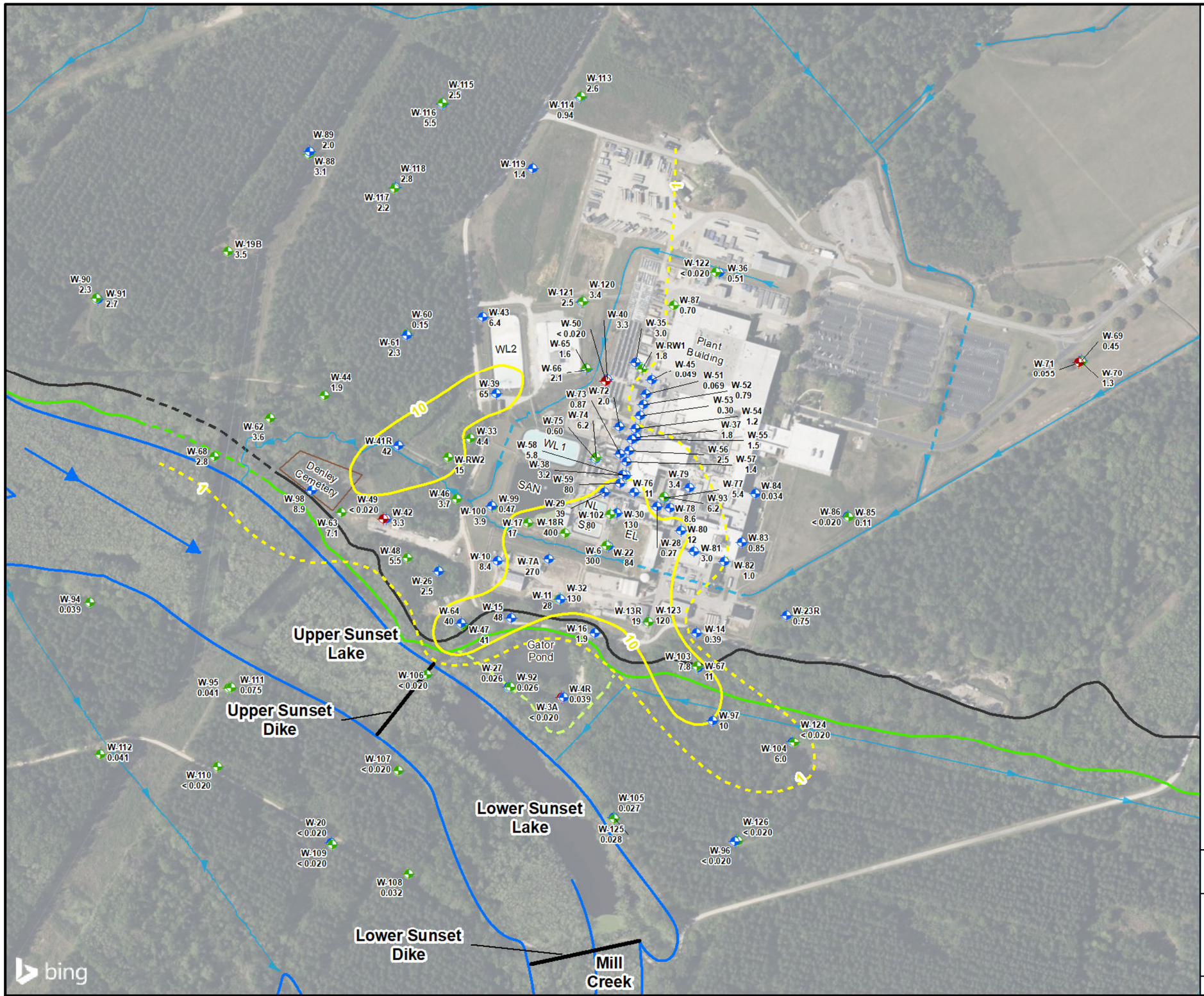
Extent of VC
Surficial Aquifer - Lower Zone
October 2023

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	December 2023	FIGURE B8

Path: M:\EnvDataViz\Westinghouse\mxd\2023 RI Report\B8 VC LowerSurf October 2023.mxd



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)
- 400 Nitrate Concentration in mg/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 inch = 400 feet

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

Datum: North American 1983

N

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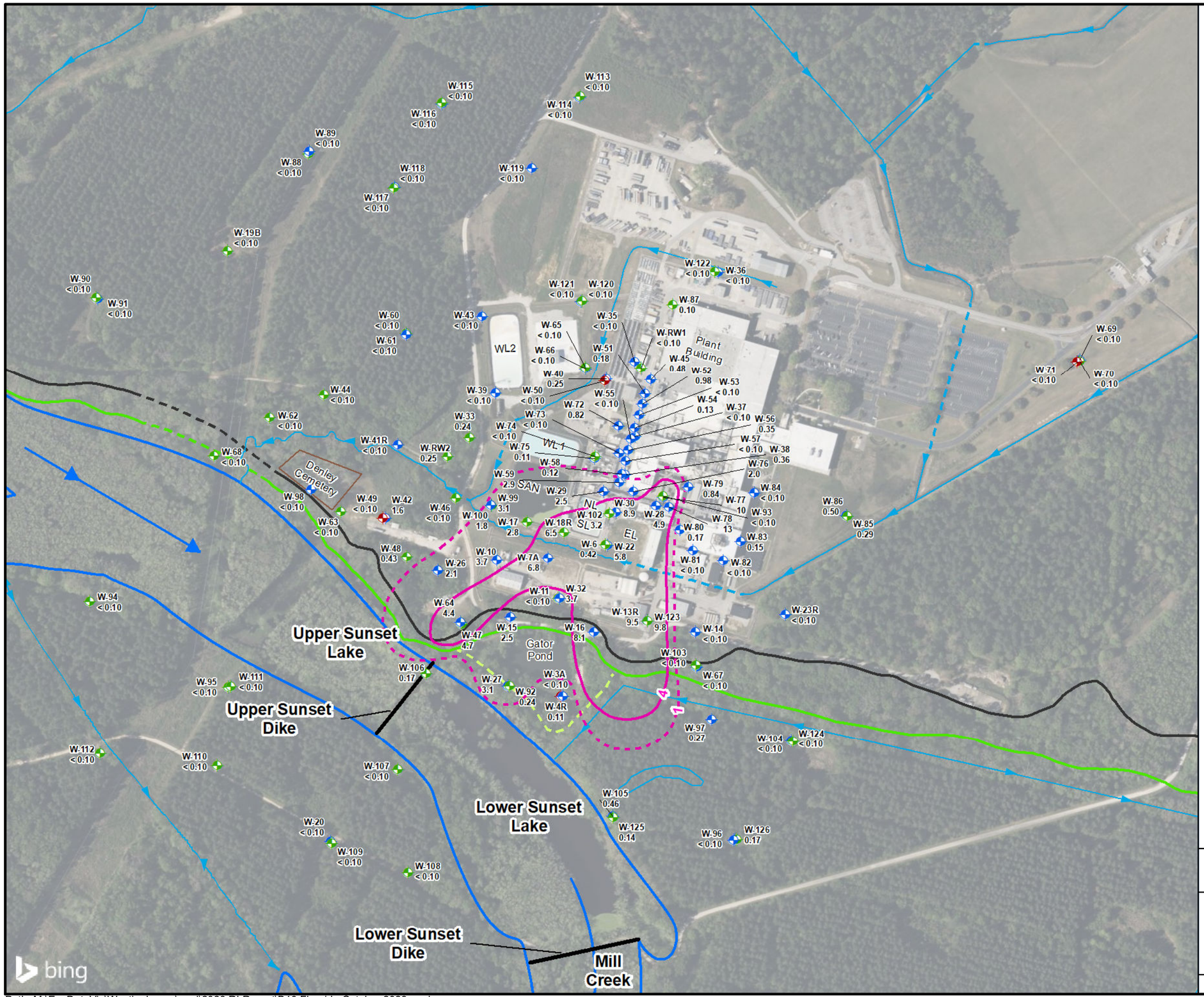
Extent of Nitrate in Groundwater October 2023

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	December 2023	FIGURE B9

Path: M:\EnvDataViz\Westinghouse\mxd\2023 RI Report\B9 Nitrate October 2023.mxd



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)
- 13 Fluoride Concentration in mg/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 inch = 400 feet

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

NAD: North American Datum 1983

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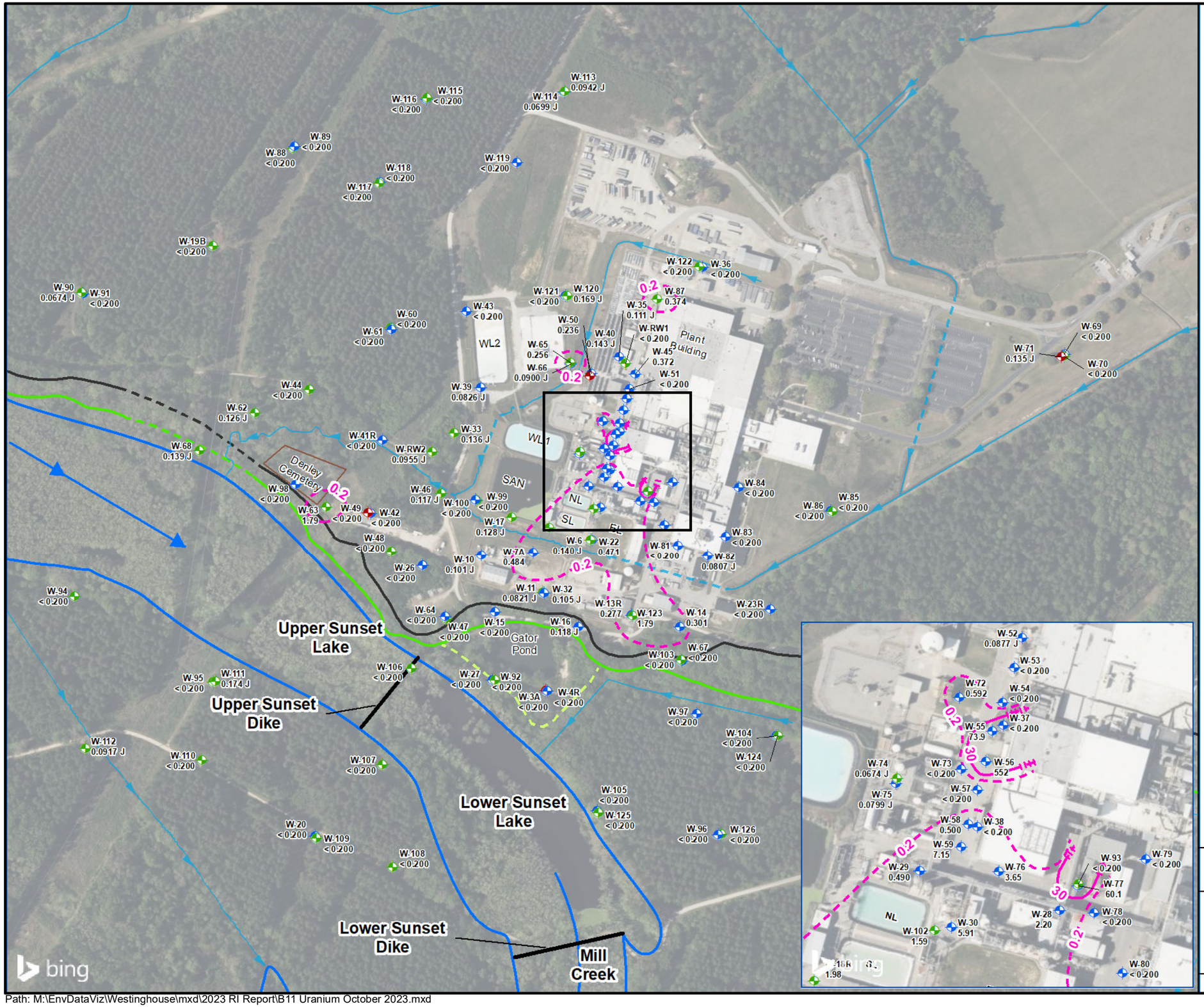
Extent of Fluoride in Groundwater October 2023

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	December 2023	FIGURE B10

Path: M:\EnvDataViz\Westinghouse\mxd\2023 RI Report\B10 Fluoride October 2023.mxd



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)

552	Total Uranium 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

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 inch = 400 feet

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 2023

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	December 2023	FIGURE B11

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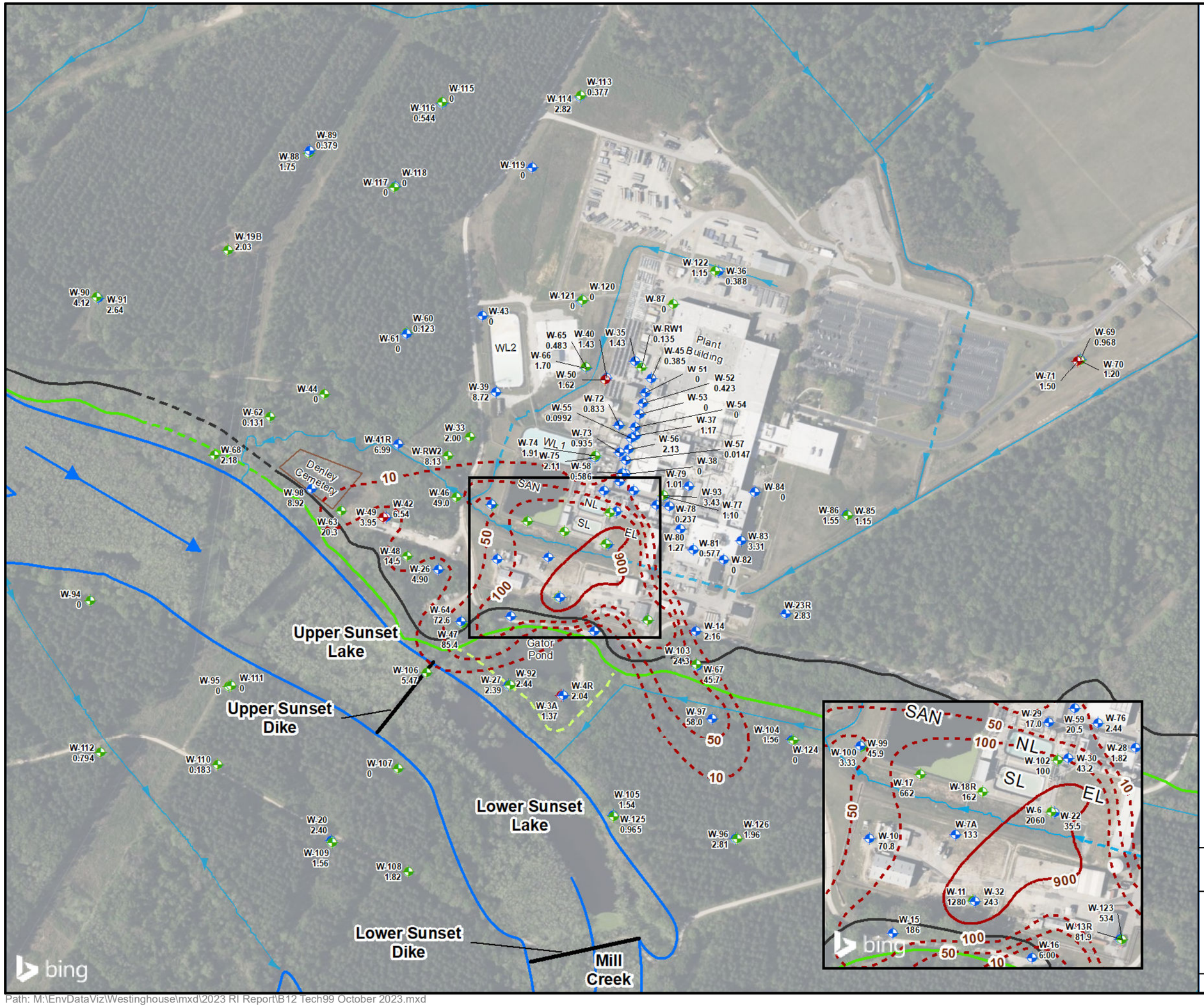

Legend

- 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)
- 2,060 Technetium-99 Concentration in pCi/L
- 0 Concentration reported as a negative number by the analytical laboratory
- 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 inch = 400 feet

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 2023

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	December 2023	FIGURE B12

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