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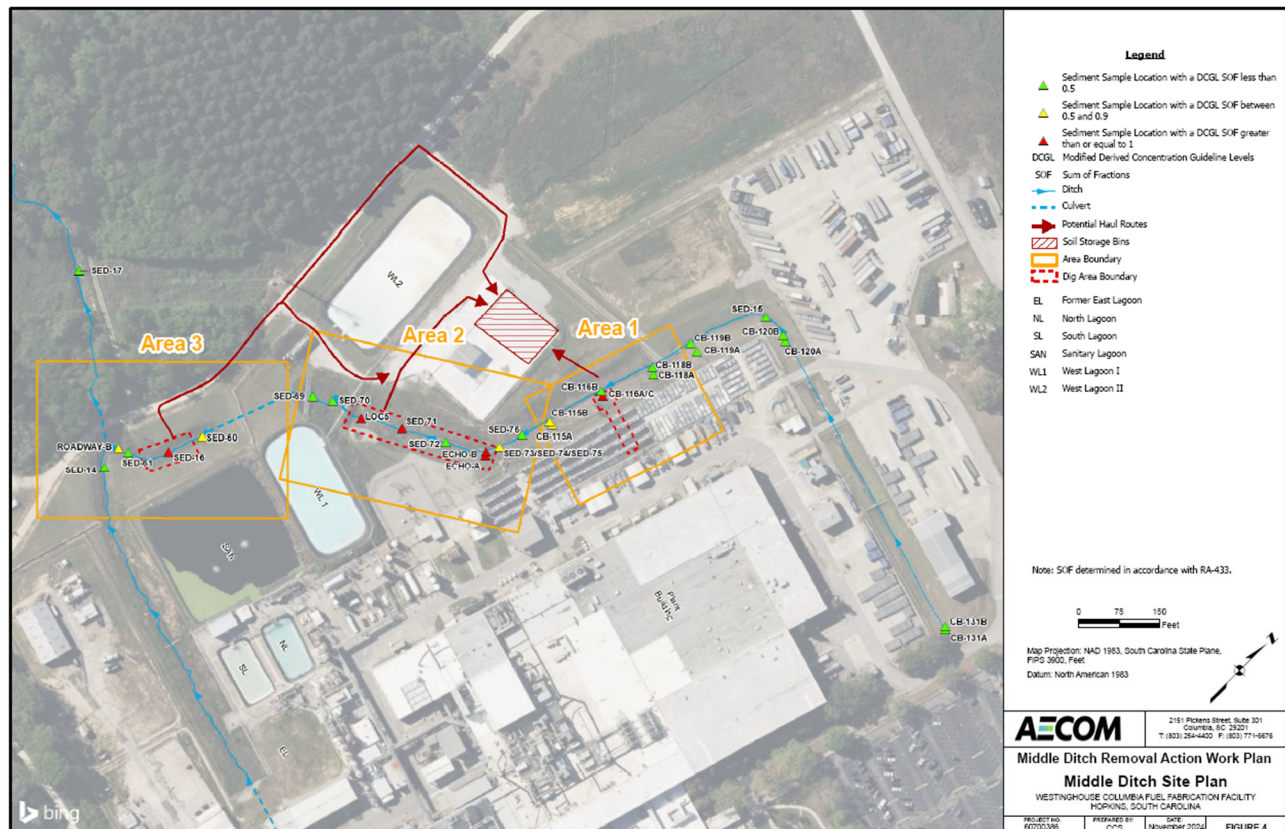
August 21, 2026

Subject: Middle Ditch Removal Action Work Plan - Completion Report

Mr. Cassidy,

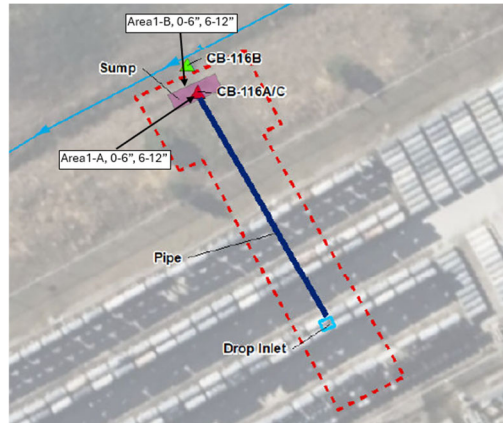
Attached is the Westinghouse *Middle Ditch Removal Action Work Plan* Project Summary for your review and approval. Under the SC-DES Consent Agreement, Westinghouse submitted a work plan to complete maintenance activities and remove legacy impacted sediment contained within three areas of the Middle Ditch (See designated areas below). LTR-RAC-24-59, *Columbia Fuel Fabrication Facility Middle Ditch Removal Action Work Plan* was approved by SC-DES on 12/3/24.

After removal of the impacted sediment, the ditch was backfilled and returned to its original topography. All impacted soil was shipped offsite to Waste Control Specialists for Low-Level Radioactive Waste disposal. This letter serves as certification that the removal effort met the objectives of this work plan. No further actions were identified.



Summary of Maintenance Activities

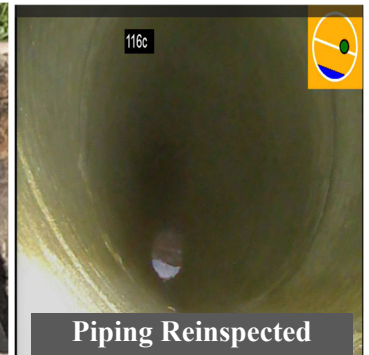
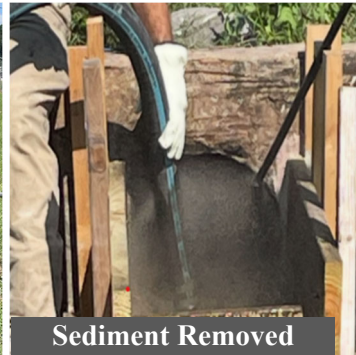
Area 1: This is a small discharge area immediately downstream of the Catch Basin CB-116 outfall. The scope of work included removal of the sediment within the drainage pipe, inspection of the cleaned drainage pipe and removal of a small area of soil immediately below the drainage outfall approximately 18" in depth. The Area 1 confirmatory samples were collected on 9/2/25. The results were acceptable per site procedures, and the data is shown below. Following receipt of acceptable results, the concrete outfall wingwalls and skirting were expanded. Geotextile fabric was installed and riprap was added. All work is complete in Area 1. See Appendix A for Area 1 GEL Sample Result Reports.



Sampling Event		Middle Ditch - Area 1 9/2/25				Total Sample Count				4	
		Analyte (pCi/g)				Corrected for SOF Calc (pCi/g)				DCGL	IUSL
		U-234	U-235	U-238	Tc-99	U-234	U-235	U-238	Tc-99	SOF	SOF
	Minimum Result:	0.3	0.0	0.2	-0.5	0.3	0.0	0.2	0.0	0.0	0.0
	Average Result:	0.5	0.0	0.4	-0.1	0.5	0.0	0.4	0.1	0.0	0.0
	Maximum Result:	0.6	0.1	0.8	0.2	0.6	0.1	0.8	0.2	0.0	0.0

#	Sample ID	Gross Analyte Activity (pCi/g)				Corrected for SOF Calc (pCi/g)				DCGL	IUSL
		U-234	U-235	U-238	Tc-99	U-234	U-235	U-238	Tc-99	SOF	SOF
1	20250902-Areal-A, 0-6in	0.588	0.0228	0.434	0.212	0.6	0.0	0.4	0.2	0.0	0.0
2	20250902-Areal-A, 6-12in	0.53	0.031	0.174	-0.524	0.5	0.0	0.2	0.0	0.0	0.0
3	20250902-Areal-B, 0-6in	0.403	0.0629	0.84	0.0714	0.4	0.1	0.8	0.1	0.0	0.0
4	20250902-Areal-B, 6-12in	0.298	0.0511	0.294	-0.22	0.3	0.1	0.3	0.0	0.0	0.0

CB-116 Cleanout and Post Cleanout Inspection



CB-116 Soil Excavation and Restoration



Soil Excavation



Soil Excavation



Ditch Restoration



Outfall Reconstructed



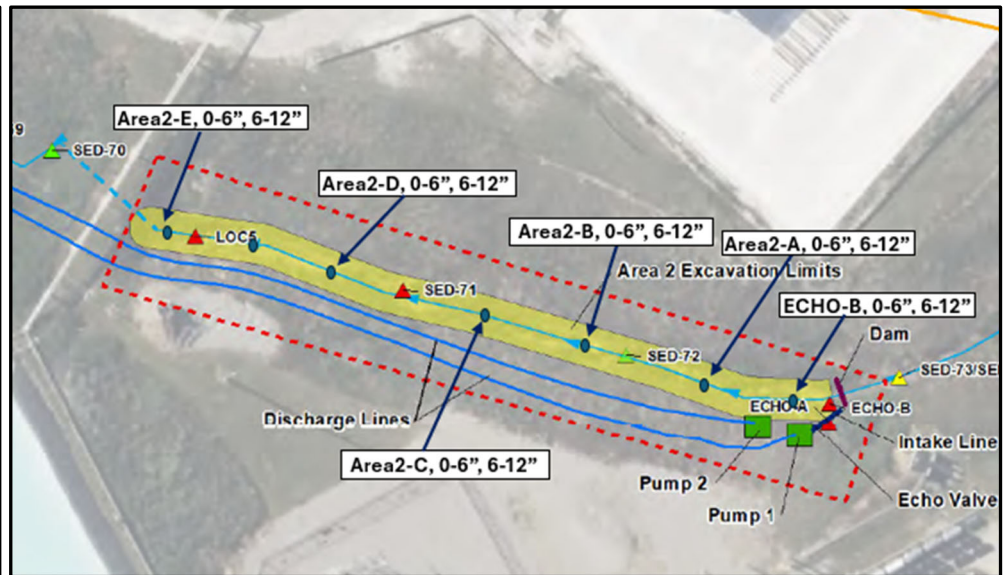
Area 1 Soil Segregated



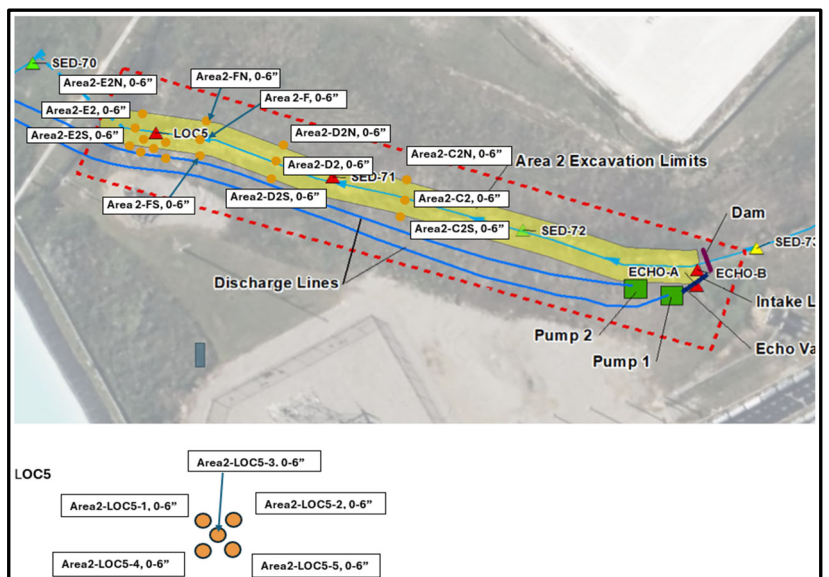
Area 1 Soil Bagged for Disposal

Area 2: This is a section of the Middle Ditch between the Echo Valve storm outfall and the next downstream culvert adjacent to sample location LOC 5. The scope of work included multiple iterations of excavations in one section of Area 2 (see below). Area 2 samples were collected on 10/17/25, 11/4/25, 11/18/25 and 3/19/26. Each excavation removed approximately 2 feet of soil. The final results were acceptable per site procedures, and the data is shown below. Following receipt of acceptable sample results, additional riprap was added to Echo valve outfall, Delta valve outfall and the adjoining culvert. Geotextile fabric was installed to identify where excavation stopped. The area was backfilled with soil and replanted to restore the area to its original topography. All work is complete in Area 2. See Appendix B for Area 2 GEL Sample Result Reports.

AREA 2	
INITIAL SAMPLING CAMPAIGN	
LOCATION	DATE
ECHO-B, 0-6"	10/17/2025
AREA2-A, 0-6"	10/17/2025
AREA2-B, 0-6"	10/17/2025
AREA2-C, 0-6"	10/17/2025
AREA2-D, 0-6"	10/17/2025
AREA2-E, 0-6"	10/17/2025
ECHO-B, 6-12"	10/17/2025
AREA2-A, 6-12"	10/17/2025
AREA2-B, 6-12"	10/17/2025
AREA2-C, 6-12"	10/17/2025
AREA2-D, 6-12"	10/17/2025
AREA2-E, 6-12"	10/17/2025



AREA 2			
ADDITIONAL SAMPLING CAMPAIGN			
LOCATION	ROUND 1 DATE	ROUND 2 DATE	CONFIRMATORY DATE
AREA2-E2N, 0-6"	11/4/25	11/18/25	3/19/26
AREA2-E2, 0-6"	11/4/25	11/18/25	3/19/26
AREA2-E2S, 0-6"	11/4/25	11/18/25	3/19/26
AREA2-FN, 0-6"	11/4/25	11/18/25	3/19/26
AREA2-F, 0-6"	11/4/25	11/18/25	3/19/26
AREA2-FS, 0-6"	11/4/25	11/18/25	3/19/26
AREA2-D2N, 0-6"	11/4/25	11/18/25	3/19/26
AREA2-D2, 0-6"	11/4/25	11/18/25	3/19/26
AREA2-D2S, 0-6"	11/4/25	11/18/25	3/19/26
AREA2-C2N, 0-6"	11/4/25	11/18/25	3/19/26
AREA2-C2, 0-6"	11/4/25	11/18/25	3/19/26
AREA2-C2S, 0-6"	11/4/25	11/18/25	3/19/26
AREA2-LOC5-1, 0-6"	11/4/25	11/18/25	3/19/26
AREA2-LOC5-2, 0-6"	11/4/25	11/18/25	3/19/26
AREA2-LOC5-3, 0-6"	11/4/25	11/18/25	3/19/26
AREA2-LOC5-4, 0-6"	11/4/25	11/18/25	3/19/26
AREA2-LOC5-5, 0-6"	11/4/25	11/18/25	3/19/26



Sampling Event:		Middle Ditch Area 2 Initial Sampling 10/17/25								Total Sample Count:	12
		Analyte (pCi/g)				Corrected for SOF Calc (pCi/g)				DCGL	IUSL
		U-234	U-235	U-238	Tc-99	U-234	U-235	U-238	Tc-99	SOF	SOF
	Minimum Result:	0.9	0.0	0.2	-0.3	0.9	0.0	0.2	0.0	0.0	0.0
	Average Result:	4.6	0.3	1.3	0.0	4.6	0.3	1.3	0.1	0.1	0.0
	Maximum Result:	13.1	0.7	3.8	0.3	13.1	0.7	3.8	0.3	0.2	0.0
#	Sample ID	Gross Analyte Activity (pCi/g)				Corrected for SOF Calc (pCi/g)				DCGL	IUSL
		U-234	U-235	U-238	Tc-99	U-234	U-235	U-238	Tc-99	SOF	SOF
1	20251017-ECHO-B (0-6")	13.1	0.679	3.83	-0.179	13.1	0.7	3.8	0.0	0.2	0.0
2	20251017-ECHO-B (6-12")	2.29	0.049	0.652	-0.0542	2.3	0.0	0.7	0.0	0.0	0.0
3	20251017-Area2-A (0-6")	4.34	0.249	0.937	0.0199	4.3	0.2	0.9	0.0	0.1	0.0
4	20251017-Area2-A (6-12")	2.66	0.132	0.37	-0.189	2.7	0.1	0.4	0.0	0.0	0.0
5	20251017-Area2-B (0-6")	6.35	0.338	1.86	0.17	6.4	0.3	1.9	0.2	0.1	0.0
6	20251017-Area2-B (6-12")	0.873	0.0314	0.179	-0.268	0.9	0.0	0.2	0.0	0.0	0.0
7	20251017-Area2-C (0-6")	3.44	0.0359	0.777	0.167	3.4	0.0	0.8	0.2	0.1	0.0
8	20251017-Area2-C (6-12")	3.55	0.258	1.2	0.128	3.6	0.3	1.2	0.1	0.1	0.0
9	20251017-Area2-D (0-6")	5.7	0.402	1.58	-0.155	5.7	0.4	1.6	0.0	0.1	0.0
10	20251017-Area2-D (6-12")	6.57	0.421	1.79	0.101	6.6	0.4	1.8	0.1	0.1	0.0
11	20251017-Area2-E (0-6")	3.94	0.328	1.27	0.33	3.9	0.3	1.3	0.3	0.1	0.0
12	20251017-Area2-E (6-12")	2.92	0.261	1.09	-0.126	2.9	0.3	1.1	0.0	0.1	0.0

Sampling Event:		Middle Ditch Area 2 11/04/25								Total Sample Count:	18
		Analyte (pCi/g)				Corrected for SOF Calc (pCi/g)				DCGL	IUSL
		U-234	U-235	U-238	Tc-99	U-234	U-235	U-238	Tc-99	SOF	SOF
	Minimum Result:	0.2	0.0	0.5	0.0	0.2	0.0	0.5	0.0	0.0	0.0
	Average Result:	18.5	1.0	4.7	0.4	18.5	1.0	4.7	0.4	0.3	0.1
	Maximum Result:	119.0	6.2	28.9	1.2	119.0	6.2	28.9	1.2	2.1	0.4
#	Sample ID	Gross Analyte Activity (pCi/g)				Corrected for SOF Calc (pCi/g)				DCGL	IUSL
		U-234	U-235	U-238	Tc-99	U-234	U-235	U-238	Tc-99	SOF	SOF
1	20251104-Area2-C2, 0-6 in	1.94	-0.0093	0.881	0.0114	1.9	0.0	0.9	0.0	0.0	0.0
2	20251104-Area2-C2N, 0-6 in	31.5	1.43	6.42	0.229	31.5	1.4	6.4	0.2	0.5	0.1
3	20251104-Area2-C2S, 0-6 in	7.45	0.386	2.19	0.149	7.5	0.4	2.2	0.1	0.1	0.0
4	20251104-Area2-D2, 0-6 in	4.8	0.243	1.76	0.0243	4.8	0.2	1.8	0.0	0.1	0.0
5	20251104-Area2-D2N, 0-6 in	8.52	0.453	2.19	0.358	8.5	0.5	2.2	0.4	0.2	0.0
6	20251104-Area2-D2S, 0-6 in	11.6	0.599	2.74	0.202	11.6	0.6	2.7	0.2	0.2	0.0
7	20251104-Area2-E2, 0-6 in	119	6.24	28.9	1.24	119.0	6.2	28.9	1.2	2.1	0.4
8	20251104-Area2-E2N, 0-6 in	25.8	1.58	6.42	0.777	25.8	1.6	6.4	0.8	0.5	0.1
9	20251104-Area2-E2N, 0-6 inLR	25	1.38	6.25	1.02	25.0	1.4	6.3	1.0	0.5	0.1
10	20251104-Area2-E2S, 0-6 in	15.4	0.809	4.1	0.942	15.4	0.8	4.1	0.9	0.3	0.0
11	20251104-Area2-F, 0-6 in	11.4	0.554	2.36	-0.0194	11.4	0.6	2.4	0.0	0.2	0.0
12	20251104-Area2-FN, 0-6 in	4.78	0.322	1.48	0.0944	4.8	0.3	1.5	0.1	0.1	0.0
13	20251104-Area2-FS, 0-6 in	6.28	0.346	1.79	0.0247	6.3	0.3	1.8	0.0	0.1	0.0
14	20251104-Area2-LOC5-1, 0-6 in	11.5	0.808	3.4	0.903	11.5	0.8	3.4	0.9	0.2	0.0
15	20251104-Area2-LOC5-2, 0-6 in	6.96	0.125	1.79	0.131	7.0	0.1	1.8	0.1	0.1	0.0
16	20251104-Area2-LOC5-3, 0-6 in	2.55	0.143	0.862	0.19	2.6	0.1	0.9	0.2	0.1	0.0
17	20251104-Area2-LOC5-4, 0-6 in	38.9	2.67	11	0.571	38.9	2.7	11.0	0.6	0.7	0.1
18	20251104-Area2-LOC5-5, 0-6 in	0.181	0.0719	0.539	0.198	0.2	0.1	0.5	0.2	0.0	0.0

Note: Sample #9 is a lab replicate.

Sampling Event:		Middle Ditch Area 2 11/18/25				Total Sample Count:				18	
		Analyte (pCi/g)				Corrected for SOF Calc (pCi/g)				DCGL	IUSL
		U-234	U-235	U-238	Tc-99	U-234	U-235	U-238	Tc-99	SOF	SOF
	Minimum Result:	1.2	0.1	0.6	-0.2	1.2	0.1	0.6	0.0	0.0	0.0
	Average Result:	30.4	1.8	7.6	0.5	30.4	1.8	7.6	0.5	0.6	0.1
	Maximum Result:	338.0	21.3	81.7	6.0	338.0	21.3	81.7	6.0	6.3	1.1
#	Sample ID	Gross Analyte Activity (pCi/g)				Corrected for SOF Calc (pCi/g)				DCGL	IUSL
		U-234	U-235	U-238	Tc-99	U-234	U-235	U-238	Tc-99	SOF	SOF
1	20251118-Area2-C2, 0-6 in	4.07	0.179	1.59	-0.118	4.1	0.2	1.6	0.0	0.1	0.0
2	20251118-Area2-C2N, 0-6 in	1.21	0.114	0.568	0.0475	1.2	0.1	0.6	0.0	0.0	0.0
3	20251118-Area2-C2S, 0-6 in	2.09	0.118	0.756	-0.0702	2.1	0.1	0.8	0.0	0.0	0.0
4	20251118-Area2-D2, 0-6 in	6.32	0.389	1.66	0.042	6.3	0.4	1.7	0.0	0.1	0.0
5	20251118-Area2-D2N, 0-6 in	34.1	1.55	9.1	-0.129	34.1	1.6	9.1	0.0	0.6	0.1
6	20251118-Area2-D2S, 0-6 in	5	0.3	1.43	0.0444	5.0	0.3	1.4	0.0	0.1	0.0
7	20251118-Area2-E2, 0-6 in	338	21.3	81.7	5.95	338.0	21.3	81.7	6.0	6.3	1.1
8	20251118-Area2-E2N, 0-6 in	32.1	1.67	7.63	0.135	32.1	1.7	7.6	0.1	0.6	0.1
9	20251118-Area2-E2N, 0-6 inLR	33.7	1.97	8.39	0.29	33.7	2.0	8.4	0.3	0.6	0.1
10	20251118-Area2-E2S, 0-6 in	35.3	1.45	8.36	0.647	35.3	1.5	8.4	0.6	0.6	0.1
11	20251118-Area2-F, 0-6 in	2.25	0.0945	1.08	0.255	2.3	0.1	1.1	0.3	0.0	0.0
12	20251118-Area2-FN, 0-6 in	10.3	0.636	2.16	0.153	10.3	0.6	2.2	0.2	0.2	0.0
13	20251118-Area2-FS, 0-6 in	4.01	0.26	1.23	-0.172	4.0	0.3	1.2	0.0	0.1	0.0
14	20251118-Area2-LOC5-1, 0-6 in	8.47	0.394	2.42	2.16	8.5	0.4	2.4	2.2	0.2	0.0
15	20251118-Area2-LOC5-2, 0-6 in	6.02	0.38	1.56	-0.0188	6.0	0.4	1.6	0.0	0.1	0.0
16	20251118-Area2-LOC5-3, 0-6 in	12.7	0.899	3.45	0.121	12.7	0.9	3.5	0.1	0.2	0.0
17	20251118-Area2-LOC5-4, 0-6 in	8.74	0.438	2.53	0.024	8.7	0.4	2.5	0.0	0.2	0.0
18	20251118-Area2-LOC5-5, 0-6 in	3.12	0.238	1.5	-0.0219	3.1	0.2	1.5	0.0	0.1	0.0

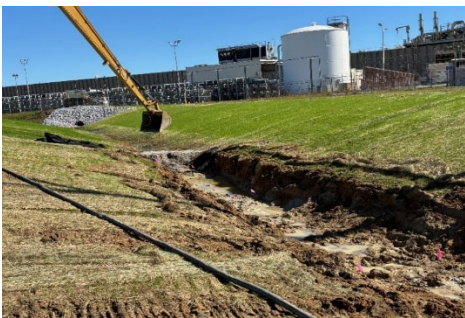
Note: Sample #9 is a lab replicate.

Sampling Event:		Mid Ditch Area 2 3/19/26				Total Sample Count:				17	
		Analyte (pCi/g)				Corrected for SOF Calc (pCi/g)				DCGL	IUSL
		U-234	U-235	U-238	Tc-99	U-234	U-235	U-238	Tc-99	SOF	SOF
	Minimum Result:	0.3	0.0	0.3	0.0	0.3	0.0	0.3	0.0	0.0	0.0
	Average Result:	6.1	0.3	2.0	0.2	6.1	0.3	2.0	0.2	0.1	0.0
	Maximum Result:	35.3	1.4	8.3	0.9	35.3	1.4	8.3	0.9	0.6	0.1
#	Sample ID	Gross Analyte Activity (pCi/g)				Corrected for SOF Calc (pCi/g)				DCGL	IUSL
		U-234	U-235	U-238	Tc-99	U-234	U-235	U-238	Tc-99	SOF	SOF
1	20260319-Area2-C2, 0-6 in	1.64	0.122	1.2	0.0717	1.6	0.1	1.2	0.1	0.0	0.0
2	20260319-Area2-C2N, 0-6 in	2.04	0.0885	1.38	0.142	2.0	0.1	1.4	0.1	0.0	0.0
3	20260319-Area2-C2S, 0-6 in	8.39	0.433	2.31	0.138	8.4	0.4	2.3	0.1	0.2	0.0
4	20260319-Area2-D2, 0-6 in	1.83	0.238	1.38	0.0491	1.8	0.2	1.4	0.0	0.1	0.0
5	20260319-Area2-D2N, 0-6 in	1.28	0.215	1.18	-0.0121	1.3	0.2	1.2	0.0	0.0	0.0
6	20260319-Area2-D2S, 0-6 in	1.9	0.115	1.03	0.118	1.9	0.1	1.0	0.1	0.0	0.0
7	20260319-Area2-E2, 0-6 in	20.1	1.28	5.41	0.886	20.1	1.3	5.4	0.9	0.4	0.1
8	20260319-Area2-E2N, 0-6 in	35.3	1.35	8.25	0.122	35.3	1.4	8.3	0.1	0.6	0.1
9	20260319-Area2-E2S, 0-6 in	7.27	0.495	2.24	0.654	7.3	0.5	2.2	0.7	0.2	0.0
10	20260319-Area2-F, 0-6 in	1.62	0.0323	1.35	0.0021	1.6	0.0	1.4	0.0	0.0	0.0
11	20260319-Area2-FN, 0-6 in	1.31	0.108	0.984	-0.0293	1.3	0.1	1.0	0.0	0.0	0.0
12	20260319-Area2-FS, 0-6 in	1.75	0.106	1.06	0.231	1.8	0.1	1.1	0.2	0.0	0.0
13	20260319-Area2-LOC5-1, 0-6 in	8.72	0.529	2.52	0.877	8.7	0.5	2.5	0.9	0.2	0.0
14	20260319-Area2-LOC5-2, 0-6 in	2.08	0.226	0.987	0.338	2.1	0.2	1.0	0.3	0.1	0.0
15	20260319-Area2-LOC5-3, 0-6 in	6.76	0.33	2.14	-0.0045	6.8	0.3	2.1	0.0	0.1	0.0
16	20260319-Area2-LOC5-4, 0-6 in	2.24	0.199	0.941	0.193	2.2	0.2	0.9	0.2	0.1	0.0
17	20260319-Area2-LOC5-5, 0-6 in	0.309	-0.0084	0.318	-0.0359	0.3	0.0	0.3	0.0	0.0	0.0

Area 2 Diversion Equipment Set Up



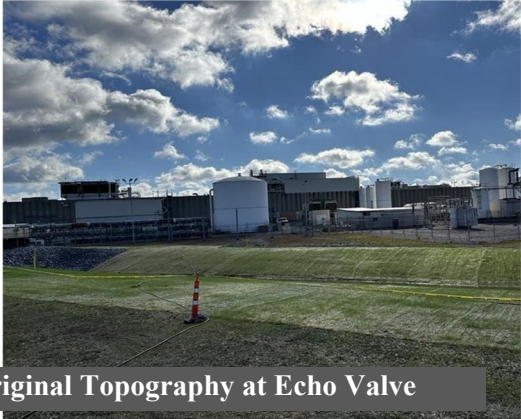
Area 2 Excavation



Area 2 Final Restoration (Near Echo Valve) - Single Iteration (10/17/25)



Final Riprap Installed at Echo Valve

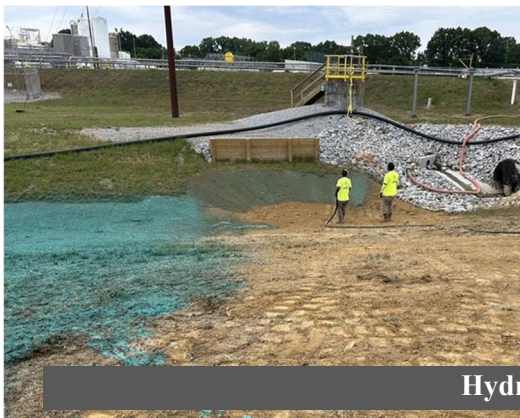


Ditch Replanted and Restored to Original Topography at Echo Valve

Area 2 Final Restoration (Near Delta Valve) - Multiple Iterations (11/4/25, 11/18/25, 3/9/26)



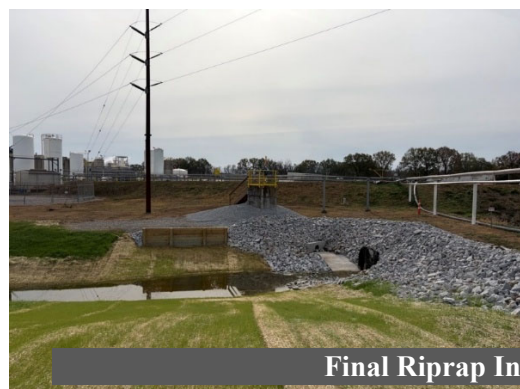
Geotextile Fabric Laid before Backfilling with 2-3 feet of New Soil



Hydroseeding



Erosion Matting Installed



Final Riprap Installed at Delta Valve



Area 2 Soil Disposal

Area 2 Soil Segregated



Area 2 Soil Bagged for Disposal

Area 3: This is a section of the middle ditch between the downstream culvert just north of and adjacent to the West I Lagoon and the convergence of the Middle Ditch and the Eastern Ditch. The scope of work included excavation of one section from a point halfway between SED-61 and SED-16 (lower boundary) to a point ~50 feet upstream of SED-16 (upper boundary). The final results were acceptable per site procedures, and the data is shown below. Following receipt of acceptable sample results, geotextile fabric was installed to identify where excavation stopped. The area was backfilled with soil and replanted to restore the area to its original topography. All work is complete in Area 3. See Appendix C for Area 3 GEL Sample Result Reports.



Sampling Event:		Mid Ditch Area 3 5/28/26								Total Sample Count:	6
		Analyte (pCi/g)				Corrected for SOF Calc (pCi/g)				DCGL	IUSL
		U-234	U-235	U-238	Tc-99	U-234	U-235	U-238	Tc-99	SOF	SOF
Minimum Result:		1.9	0.2	0.5	0.3	1.9	0.2	0.5	0.3	0.0	0.0
Average Result:		7.5	0.5	1.9	3.6	7.5	0.5	1.9	3.6	0.2	0.0
Maximum Result:		14.2	0.9	3.3	13.7	14.2	0.9	3.3	13.7	0.4	0.0

#	Sample ID	Gross Analyte Activity (pCi/g)				Corrected for SOF Calc (pCi/g)				DCGL	IUSL
		U-234	U-235	U-238	Tc-99	U-234	U-235	U-238	Tc-99	SOF	SOF
1	20260528-Area3-A, 0-6 in	3.87	0.218	1.10	0.348	3.9	0.2	1.1	0.3	0.1	0.0
2	20260528-Area3-A, 6-12 in	1.89	0.243	0.546	0.337	1.9	0.2	0.5	0.3	0.0	0.0
3	20260528-Area3-B, 0-6 in	14.2	0.875	3.33	1.84	14.2	0.9	3.3	1.8	0.3	0.0
4	20260528-Area3-B, 6-12 in	2.56	0.231	0.903	0.863	2.6	0.2	0.9	0.9	0.1	0.0
5	20260528-SED-16, 0-6 in	14.0	0.792	3.13	4.72	14.0	0.8	3.1	4.7	0.3	0.0
6	20260528-SED-16, 6-12 in	8.56	0.485	2.46	13.7	8.6	0.5	2.5	13.7	0.4	0.0

Area 3 Diversion Equipment Set Up



Area 3 Excavation



Area 3 Final Restoration



Geotextile Fabric Laid before Backfilling with 2-3 feet of New Soil



Hydroseeding



Area 3 Soil Disposal



Area 3 Soil Segregated



Area 3 Soil Bagged for Disposal

Summary of Diversion Activities

For areas 2 & 3, a “pump around” best management practice was used with temporary dams and pumps to divert stormwater around the active work area during rain events. While there were some rain events during this work, there were no issues managing the water or controlling sediment.

Summary of Soils/Sediments Removed

Soil and sediment volumes are shown below. All soil/sediment was shipped offsite to Waste Control Specialists in Andrews, Texas for Low-Level Radioactive Waste disposal.

SOIL/SEDIMENT VOLUMES BY AREA		
AREA	SUPER SACKS	VOLUME (YDS ³)
1	1	9
2	38	342
3	7	63
TOTAL	46	414

Deviations from Plan

There were no deviations from the approved work plan.

Respectfully,



Ray Bates
Environmental Recovery Manager
Westinghouse Electric Company, CFFF
803.351.6629 (m)

Appendix A: Area 1 GEL Sample Result Reports
Appendix B: Area 2 GEL Sample Result Reports
Appendix C: Area 3 GEL Sample Result Reports