

Operational Period # 14

- Transported and disposed of 14 truckloads liquid waste from Site. (See Progress Metrics)
- Tank 9 is now empty.
- Assembly of water treatment system began on 11/4/2024. Welding of the HDPE piping has been completed and a leak test was completed. Estimated ready for pumping Nov. 12.
- Completed additional demolition around Retort 85 including surrounding piping and appurtenances covering sump to allow access to the underlying sump which, is critical to operating water treatment systems. Covered Retort 85 to prevent contact water.
- Begin Demo of Catwalks, ladders and other appurtenances in DU03 to prepare for asbestos abatement task.
- Remove sludge from T-11 and T-12 and place in sludge boxes to dewater. Sludge boxes arrive 11/07.
- Continued demolition activities of T-11 and T-12

Unmanned Aerial Systems (UAS) Activities:

- Flight occurred 11/06/2024

Monitoring, Sampling, and Analysis

- Fish bioassay test for Bunker C waste went out to the lab on 11/4/2024 in advance of disposal activities.
- Continued to deploy air monitoring on the site perimeter and in work areas during active operations. This included monitoring at AM03 near the site entrance, as well as at AM05, AM08, AM10, and AM11 for work zone monitoring.
- No air samples were collected during this operational period.

[Tank and air monitoring status viewer](#)

Particulate Air Monitoring Data (DusTrak) November 4-9, 2024							
Date	Air Monitoring Station	Total Run Time	Min (mg/m ³)	Max (mg/m ³)	Average (mg/m ³)	Max TWA	Percent of Readings Exceeding 0.07 mg/m ³
11/4/2024	AM03	8:05	0	0.1	0.004	0.004	0.3%
11/5/2024	AM03	8:00	0.006	0.016	0.008	0.008	0.0%
11/6/2024	AM01	8:04	0.043	0.062	0.051	0.049	0.0%
	AM03	7:32	0	0.047	0.035	0.031	0.0%
11/7/2024	AM08	3:51	0.026	0.069	0.032	0.035	0.0%
	AM10	8:14	0.026	0.073	0.040	0.035	0.0%
	AM03	6:22	0.025	3.1	0.037	0.038	0.4%
11/8/2024	AM08	6:20	0	0.192	0.052	0.052	8.0%
	AM10	6:01	0.040	0.096	0.045	0.049	0.1%
11/9/2024	AM03	7:35	0.019	0.399	0.023	0.024	1.1%
	AM08	8:19	0.026	0.115	0.034	0.034	1.9%
Notes:							

VOC Air Monitoring Data (AreaRAE) November 4-9, 2024						
Date	Air Monitoring Station	Total Run Time	VOC Min (ppb)	VOC Max (ppb)	VOC Average (ppb)	Percent of Readings Exceeding 5 ppm
11/4/2024	AM01	9:36	0	0	0	0%
	AM03	9:36	0	880	356	0%
11/5/2024	AM03	8:19	738	916	840	0%
	AM05	8:19	14	31	23	0%
	AM07	8:19	16	29	24	0%
11/6/2024	AM01	8:22	0	0	0	0%
	AM03	8:22	647	780	715	0%
11/7/2024	AM03	8:24	340	734	547	0%
	AM08	8:24	0	0	0	0%
11/8/2024	AM03	8:27	243	468	347	0%
	AM08	8:27	0	0	0	0%
11/9/2024	AM03	8:32	388	574	484	0%
	AM08	8:32	0	0	0	0%
Notes:						

NH3 Air Monitoring Data (AreaRAE) November 4-9, 2024						
Date	Air Monitoring Station	Total Run Time	NH ₃ Min (ppm)	NH ₃ Max (ppm)	NH ₃ Average (ppm)	Percent of Readings Exceeding 25 ppm
11/4/2024	AM01	9:36	0	0	0	0%
	AM03	9:36	0	0	0	0%
11/5/2024	AM03	8:19	0	0	0	0%
	AM05	8:19	0	0	0	0%
	AM07	8:19	0	0	0	0%
11/6/2024	AM03	8:22	0	0	0	0%
11/7/2024	AM03	8:24	0	0	0	0%
11/8/2024	AM03	8:27	0	0	0	0%
11/9/2024	AM03	8:32	0	0	0	0%
Notes:						

2.1.3 Progress Metrics

Tank Status Map:



Disposal:

Waste Name	Tank#	Profile #	Ship Date	Manifest #	Disposal Qty (lbs)
WS 1.0 Pentachlorophenol 3-6% in oil	T-20	CH 2793166	8/14/2024	019433223F LE	16,600
WS 1.0 Pentachlorophenol 3-6% in oil	T-20	CH 2793166	8/14/2024	019433219F LE	38,940
WS 1.0 Pentachlorophenol 3-6% in oil	T-20	CH 2793166	8/14/2024	019443224F LE	32,200
WS 1.0 Pentachlorophenol 3-6% in oil	T-20	CH 2793166	8/15/2024	019433225F LE	38,640
WS 1.0 Pentachlorophenol 3-6% in oil	T-20 & 25	CH 2793166	8/16/2024	019433226F LE	36,000
WS 1.0 Pentachlorophenol 3-6% in oil	T-25	CH 2793166	8/16/2024	019433227F LE	33,220
WS 1.0 Pentachlorophenol 3-6% in oil	T-25	CH 2793166	8/16/2024	019433228F LE	27,380
WS 1.0 Pentachlorophenol 3-6% in oil	T-25	CH 2793166	8/19/2024	019433229F LE	37,640
WS 1.0 Pentachlorophenol 3-6% in oil	T-20 & 25	CH 2793166	8/20/2024	019433230F LE	39,360
WS 1.0 Pentachlorophenol 3-6% in oil	T-25	CH 2793166	8/20/2024	019433231F LE	40,340
WS 1.0 Pentachlorophenol 3-6% in oil	T-25	CH 2793166	8/21/2024	019433215F LE	38,940
WS 1.0 Pentachlorophenol 3-6% in oil	T-20 & 25	CH 2793166	8/22/2024	019433232F LE	41,960
WS 1.0 Pentachlorophenol 3-6% in oil	T-25	CH 2793166	8/23/2024	019433233F LE	37,000
WS 1.0 Pentachlorophenol 3-6% in oil	T-25/Retort 81	CH 2793166	8/23/2024	019433234F LE	37,180
WS 4.0 Creosote/Penta	T-4	CH 2808188	8/26/2024	019298949F LE	40,820
WS 1.0 Pentachlorophenol 3-6% in oil (Off-s	20 A & B	CH 2793166	8/27/2024	019433235F LE	41,100
WS 4.0 Creosote/Penta	T-4	CH 2808188	8/28/2024	019298948F LE	39,160
WS 1.0 Pentachlorophenol 3-6% in oil	20-B/Retort 81/Totes	CH 2793166	8/28/2024	019433236F LE	20,900
WS 4.0 Creosote/Penta	T-4	CH 2808188	8/29/2024	019298944F LE	40,480
WS 4.0 Creosote/Penta	T-4	CH 2808188	8/29/2024	019298945F LE	41,120
WS 4.0 Creosote/Penta	T-4	CH 2808188	8/30/2024	019298946F LE	38,000
WS 4.0 Creosote/Penta	T-4	CH 2808188	8/30/2024	019298947F LE	41,620
WS 4.0 Creosote/Penta (off-spec low btu<5	T-4	CH 2808188	9/3/2024	019298925F LE	39,140
WS 4.0 Creosote/Penta	T-4 & T-2	CH 2808188	9/3/2024	019298926F LE	38,900
WS 4.0 Creosote/Penta	T-2	CH 2808188	9/3/2024	019298927F LE	42,360
WS 4.0 Creosote/Penta	T-2	CH 2808188	9/5/2024	019298928F LE	37,560
WS 4.0 Creosote/Penta	T-2	CH 2808188	9/17/2024	019298929F LE	39,960
WS 4.0 Creosote/Penta	T-2	CH 2808188	9/19/2024	019298930F LE	40,480
WS 4.0 Creosote/Penta	T-2	CH 2808188	9/20/2024	019298931F LE	35,740
WS 4.0 Creosote/Penta (low btu, CH notife	T-7	CH 2808188	9/23/2024	019298932F LE	25,500
WS 4.0 Creosote/Penta	T-2 & T-7	CH 2808188	9/23/2024	019298933F LE	40,660
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	500 bbl Close Top	CH 2797074	9/3/2024	019298950F LE	39,380
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	500 bbl Close Top # 4	CH 2797074	9/19/2024	019298951F LE	32,580
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	T-1/500 bbl Tank 4	CH 2797074	9/25/2024	019298952F LE	37,960
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	T-26	CH 2797074	9/26/2024	019298953F LE	40,960
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	T-26	CH 2797074	9/30/2024	019298955F LE	28,920
WS 4.0 Creosote/Penta	T-26	CH 2808188	9/30/2024	019298934F LE	39,100
WS 4.0 Creosote/Penta	T-27	CH 2808188	9/30/2024	019298936F LE	41,700
WS 4.0 Creosote/Penta	T-27	CH 2808188	9/30/2024	019298937F LE	30,520
Rejected 10/7/24 due to high sludge- WS 5.0	T-26	CH 2797074	10/2/2024	019298956F LE	-
Rejected 10/7/24 due to high sludge- WS 5.0	T-27	CH 2797074	10/3/2024	019298957F LE	-
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	500 bbl Close Top # 4	CH 2797074	10/3/2024	019298958F LE	29,480
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	500 bbl Close Top # 4	CH 2797074	10/3/2024	019298959F LE	30,040
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	Frac	CH 2797074	10/8/2024	019298960F LE	37,540
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	Frac	CH 2797074	10/8/2024	019298961F LE	39,220
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	Frac#2,T-9	CH 2797074	10/11/2024	019298962F LE	39,140
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	T-9	CH 2797074	10/14/2024	019298963F LE	40,000
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	T-9	CH 2797074	10/15/2024	019298964F LE	40,020
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	T-9	CH 2797074	10/17/2024	019298965F LE	38,000
WS 4.0 Creosote/Penta	Frac 1 South	CH 2808188	10/18/2024	019298938F LE	40,000
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	T-9	CH 2797074	10/21/2024	019298967F LE	35,500
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	T-9	CH 2797074	10/21/2024	019298969F LE	40,000
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	T-9	CH 2797074	10/22/2024	019298966F LE	40,000
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	T-9	CH 2797074	10/25/2024	019298970F LE	40,000
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	T-9	CH 2797074	10/25/2024	019298968F LE	40,000
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	T-9	CH 2797074	10/29/2024	019298971F LE	40,000
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	T-9	CH 2797074	10/30/2024	019298974F LE	39,000
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	T-9	CH 2797074	10/31/2024	019298972F LE	40,000
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	T-9/Frac 1	CH 2797074	11/4/2024	019298973F LE	38,000
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	Frac 2 South	CH 2797074	11/5/2024	019298639F LE	38,000
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	Frac 3 South	CH 2797074	11/7/2024	019298640F LE	39,000
WS 5.0 Water 5/0/50 Creol/Penta LowBTU	Frac 3 South	CH 2797074	11/8/2024	019298653F LE	40,000
Totals through Operational Period #14					2,232,960
Waste Name	Tank#	Profile #	Ship Date	Manifest #	Disposal Qty (gal)
WS 10.0 ACZA Solutions	12	OR360347	8/26/2024	018963591F LE	3,451
WS 10.0 ACZA Solutions	12	OR360347	8/27/2024	018963592F LE	3,811
WS 10.0 ACZA Solutions	12	OR360347	8/28/2024	018963593F LE	4,069
WS 10.0 ACZA Solutions	12	OR360347	9/17/2024	018963595F LE	3,500
WS 10.0 ACZA Solutions	12	OR360347	9/18/2024	018963596F LE	4,000
WS 10.0 ACZA Solutions	12	OR360347	9/19/2024	018963597F LE	4,000
WS 10.0 ACZA Solutions	Frac Tank 1	OR360347	10/15/2024	018963598F LE	4,700
WS 10.0 ACZA Solutions	Frac Tank 1	OR360347	10/16/2024	018963599F LE	4,700
WS 10.0 ACZA Solutions	Frac Tank 1	OR360347	10/17/2024	018963600F LE	4,100
WS 10.0 ACZA Solutions	Frac Tank 1	OR360347	10/18/2024	019380601F LE	4,100
WS 10.0 ACZA Solutions	Frac Tank 1	OR360347	10/21/2024	019380604F LE	4,600
WS 10.0 ACZA Solutions	Frac Tank 1&2	OR360347	10/22/2024	019380605F LE	4,500
WS 10.0 ACZA Solutions	Frac Tank 1&2	OR360347	10/23/2024	019380606F LE	4,500
WS 10.0 ACZA Solutions	Frac Tank 2	OR360347	10/24/2024	019380602F LE	4,450
WS 10.0 ACZA Solutions	Frac Tank 2	OR360347	10/25/2024	019380603F LE	4,500
WS 10.0 ACZA Solutions	Frac Tank 2	OR360347	10/28/2024	019380607F LE	4,500
WS 10.0 ACZA Solutions	Frac Tank 2	OR360347	10/28/2024	019380608F LE	4,000
WS 10.0 ACZA Solutions	Frac Tank 3	OR360347	10/29/2024	019380609F LE	4,500
WS 10.0 ACZA Solutions	Frac Tank 3	OR360347	10/29/2024	019380610F LE	3,700
WS 10.0 ACZA Solutions	Tank 16	OR360347	10/30/2024	019380611F LE	4,500
WS 10.0 ACZA Solutions	Tank 16	OR360347	10/30/2024	019380612F LE	3,700
WS 10.0 ACZA Solutions	Tank 16	OR360347	10/31/2024	019380613F LE	4,500
WS 10.0 ACZA Solutions	Frac Tank 3	OR360347	10/31/2024	019380614F LE	3,700
WS 10.0 ACZA Solutions	Frac Tank 3	OR360347	11/1/2024	019380615F LE	4,500
WS 10.0 ACZA Solutions	Frac Tank 3	OR360347	11/1/2024	019380616F LE	3,700
WS 10.0 ACZA Solutions	Frac Tank 1&4	OR360347	11/4/2024	019380617F LE	4,500
WS 10.0 ACZA Solutions	Frac Tank 4	OR360347	11/4/2024	019380618F LE	3,700
WS 10.0 ACZA Solutions	Frac Tank 4	OR360347	11/5/2024	019380619F LE	4,500
WS 10.0 ACZA Solutions	Frac Tank 4	OR360347	11/5/2024	019380620F LE	3,700
WS 10.0 ACZA Solutions	Frac Tank 4	OR360347	11/6/2024	019380621F LE	4,500
WS 10.0 ACZA Solutions	Frac Tank 4	OR360347	11/6/2024	019380622F LE	3,700
WS 10.0 ACZA Solutions	Frac Tank 4	OR360347	11/7/2024	019380620F LE	4,500
WS 10.0 ACZA Solutions	Frac Tank 4	OR360347	11/7/2024	019380621F LE	3,700
WS 10.0 ACZA Solutions	Frac Tank 5	OR360347	11/8/2024	019380623F LE	4,500
WS 10.0 ACZA Solutions	Frac Tank 5	OR360347	11/8/2024	019380624F LE	3,700
Totals through Operational Period #14					145,281