

Operational Period # 28

- Asbestos Abatement - all abatement activities have been completed and the containment surrounding the retort area has been removed
- Began Phase 4 - Secondary containment deconstruction activities within DU03. These activities consist of removing small sections, evaluating the area for any daylighting material, and conduct a preliminary evaluation of the soils using an X-ray fluorescence (XRF). Based on those results, a composite soil sample may be collected to advance future remedial activities.
 - During these activities, closer on the south end of the former containment area, oily water begin to daylight. EPA potholed the area with an excavator and discovered a pocket of thick black liquid and sludges. EPA took samples of the liquid for Metals, PAHs, VOCs and collected the sludges for a headspace evaluation. Preliminary results revealed 50ppm VOCs. EPA filled in the potholed area and safety covered the area.
 - EPA will continue to evaluate the subsurface as Phase 4 activities continue in DU03 and DU02
- Begin the removal efforts of T-16, T-17, and T-18 and the infrastructure around those tanks. T-16, T-17, and T-18 have previously been evacuated of liquids but sludges are expected to coat the bottom of the tanks as well as are expected to be within the piping system supporting those tanks.
- Continued metal cleaning and sizing activities to facilitate recycling and disposal efforts.
- Continued to collect, manage, and evaporate process water (see process metrics below).

Unmanned Aerial Systems (UAS) Activities:

USCG conducted routine flights throughout the week

Monitoring, Sampling, and Analysis

- Air Monitoring: AM03, AM08, AM10, AM11, AM13, AM15, AM16
- Sampling:
 - Collected two asbestos air samples on Monday (3/3/2025). Samples were taken at the entrance and downwind of the containment area.
 - Collected one ground water sample on Thursday (3/6/25) from a pothole dug in the South Tank Farm.
 - Collected a PAH, PCP, and Metals air sample down wind of the secondary containment demolition on Saturday (3/8/2025).
- XRF: collected XRF readings from underneath the secondary containment, as it was removed from the South Tank Farm. No notable readings were detected.

[Tank and air monitoring status viewer](#)

Particulate Air Monitoring Data (DusTrak) March 3-8, 2025						
Date	Air Monitoring Station	Total Run Time	Min (mg/m ³)	Max (mg/m ³)	Average (mg/m ³)	Percent of Readings Exceeding 0.07 mg/m ³
3/3/2025	AM03	9:04	0	0.206	0.002	0.014
	AM10	9:04	0	0.262	0.003	0.010
	AM15	7:24	0	0.221	0.012	0.042
3/4/2025	AM03	13:38	0	0.187	0.003	0.009
	AM10	13:38	0	0.11	0.005	0.007
	AM13	13:38	0.001	0.013	0.004	0.004
	AM15	8:54	0	0.117	0.007	0.045
3/5/2025	AM03	9:10	0	0	0	0.000
	AM10	9:10	0.01	3.65	0.06	0.059
	AM15	8:36	0.003	0.051	0.012	0.012
3/6/2025	AM03	7:23	0.006	0.061	0.011	0.013
	AM11	6:54	0	2.42	0.034	0.026
	AM13	7:01	0.002	0.01	0.004	0.008
3/7/2025	AM03	9:53	0.004	0.664	0.012	0.037
	AM10	9:53	0.004	6.11	0.013	0.071
	AM13	5:56	0	0.026	0.005	0.005
3/8/2025	AM03	9:50	0	0.029	0.003	0.010
	AM08	9:50	0	2.89	0.015	0.018
	AM16	8:57	0	1.39	0.059	0.149

VOC Air Monitoring Data (AreaRAE) March 3-8, 2025						
Date	Air Monitoring Station	Total Run Time	VOC Min (ppb)	VOC Max (ppb)	Average (ppb)	Percent of Readings Exceeding 5 ppm
3/3/2025	AM03	7:58	398	645	521	0%
	AM10	7:58	36	702	79	0%
	AM15	7:58	0	332	90	0%
3/4/2025	AM03	8:28	66	486	297	0%
	AM10	8:28	0	301	26	0%
	AM15	8:28	0	143	50	0%
3/5/2025	AM03	8:40	88	357	268	0%
	AM10	8:40	43	112	76	0%
	AM15	8:40	0	184	33	0%
3/6/2025	AM03	5:58	45	631	406	0%
	AM11	5:58	0	54	5	0%
	AM13	5:58	0	41	5	0%
3/7/2025	AM03	7:00	0	990	323	0%
	AM10	7:00	0	240	50	0%
	AM03	8:53	0	869	243	0%
3/8/2025	AM08	8:53	0	256	39	0%
	AM16	8:53	0	0	0	0%

NH3 Air Monitoring Data (AreaRAE) March 3-8, 2025						
Date	Air Monitoring Station	Total Run Time	NH ₃ Min (ppm)	NH ₃ Max (ppm)	Average (ppm)	Percent of Readings Exceeding 25 ppm
3/3/2025	AM03	7:58	0	0	0	0%
	AM10	7:58	0	0	0	0%
	AM15	7:58	0	0	0	0%
3/4/2025	AM03	8:28	0	0	0	0%
	AM10	8:28	0	1	0.093	0%
	AM15	8:28	0	0	0	0%
3/5/2025	AM03	8:40	0	0	0	0%
	AM10	8:40	0	0	0	0%
	AM15	8:40	0	0	0	0%
3/6/2025	AM03	5:58	0	0	0	0%
	AM11	5:58	0	0	0	0%
	AM13	5:58	0	0	0	0%
3/7/2025	AM03	7:00	0	0	0	0%
	AM10	7:00	0	0	0	0%
	AM03	8:53	0	0	0	0%
3/8/2025	AM08	8:53	0	0	0	0%
	AM16	8:53	0	1	0.143	0%

2.1.3 Progress Metrics

Tank Status Map:



Water Storage and Evaporation:

The Evaporation concentrate is collected and added to WS 5.0 for disposal

Operational Period	Run Time	Process Water Collected	Process Water Stored	Available Storage Capacity	Process Water Evaporated	Evaporation Concentrate
2/1/2025	0 hrs	NA	234,000 gal	60,000 gal	0 gal	0 gal
2/2/2025-2/8/2025	129 hrs	NA	224,623 gal	68,377 gal	8,377 gal	425 gal
2/9/2025-2/15/2025	165 hrs	NA	215,673 gal	78,327 gal	9,950 gal	475 gal
2/16/2025-2/22/2025	163 hrs	NA	205,623 gal	88,377 gal	10,050 gal	502 gal
2/23/2025-3/1/2025	143 hrs	19,000 gal	214,473 gal	79,527 gal	10,150 gal	425 gal
3/2/2025-3/8/2025	114 hrs	12,000 gal	218,973 gal	75,027 gal	7,550 gal	425 gal
Running Total	714 hrs	31,000 gal	218,973 gal	75,027 gal	45,977 gal	2,402 gal

Key:
N/A= Not Applicable. No water has been processed at this time.
gal = Gallons
hrs = Hours

Disposal / recycling:

- ACM Rolloff boxes: 3
- RCRA Rolloff boxes: 0
- Non RCRA Rolloff boxes: 7 (S/S bunker C)
- Unprepared Scrap Steel: 2

- Stainless Steel: 1
- Creosote / Penta sludge: 4