

Operational Period #34

- EPA began setting up staging area for Evaporator #2 unit. Once fully operational, the combined units are expected to evaporate ~220 gallons/hr.
- Completed demolition of Retort 81 and continued demolition activities of Retort 83 and 84.
- Completed gross decontamination all remaining retorts.
- Retort surge tanks, appurtenances and piping removed in preparation for remaining retort demolition.
- Conducted dust suppression on a daily basis, focusing on site-wide truck routes.
- Received 990 tons of 3/4 rock base to use as fill material in secondary containment areas after retorts are removed.
- Continued evaluation, photography and documentation of scrap metal roll-off pins prior to transportation off-site for recycling.
- Control room mercury switches were placed in the DU08 with other mercury containing items for storage prior to shipping offsite for disposal.
- Continued to collect, manage, and evaporate process water (see process metrics below).

- Unmanned Aerial Systems (UAS) Activities:

USCG conducted multiple UAV flights to document progress of retort demolition (04/15/2025, 4/17/2025, and 4/19/2025)._

- Monitoring, Sampling, and Analysis

- Air Monitoring: AM03, AM07

[Tank and air monitoring status viewer](#)

Particulate Air Monitoring Data (DusTrak) April 14-19, 2025							
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
4/14/2025	AM03	9:04	0.004	0.087	0.007	0.014	0.0%
	AM07	9:04	0.006	0.074	0.009	0.011	0.0%
4/15/2025	AM03	9:33	0	0.43	0.017	0.028	0.9%
	AM07	9:33	0	0.687	0.017	0.025	0.9%
4/16/2025	AM03	9:18	0.003	1.43	0.007	0.995	0.1%
	AM07	9:18	0.008	0.323	0.011	0.013	0.0%
4/17/2025	AM03	9:22	0	0.302	0.01	0.022	0.3%
	AM07	9:22	0.003	0.507	0.014	0.025	0.8%
4/18/2025	AM03	9:30	0.001	0.091	0.009	0.057	1.0%
	AM07	9:30	0.002	0.002	0.002	0.002	0.0%
4/19/2025	AM03	8:51	0.003	0.015	0.005	0.005	0.0%
	AM07	8:51	0.007	0.038	0.009	0.009	0.0%

VOC Air Monitoring Data (AreaRAE) April 14-19, 2025						
Date	Air Monitoring Station	Total Run Time	VOC Min (ppb)	VOC Max (ppb)	Average (ppb)	Percent of Readings Exceeding 5 ppm
4/14/2025	AM03	8:40	2131	2201	2169	0%
	AM07	8:40	0	23	0	0%
4/15/2025	AM03	7:35	0	0	0	0%
	AM07	7:35	252	366	306	0%
4/16/2025	AM03	23:16	0	176	25	0%
	AM07	23:16	0	460	261	0%
4/17/2025	AM03	9:21	0	6527	37	0%
	AM07	9:21	0	64	17	0%
4/18/2025	AM03	9:36	0	380	113	0%
	AM07	9:36	0	145	40	0%
4/19/2025	AM03	8:43	64	525	378	0%
	AM07	8:43	0	888	269	0%

NH3 Air Monitoring Data (AreaRAE) April 14-19, 2025						
Date	Air Monitoring Station	Total Run Time	NH ₃ Min (ppm)	NH ₃ Max (ppm)	Average (ppm)	Percent of Readings Exceeding 25 ppm
4/14/2025	AM03	8:40	0	0	0	0%
	AM07	8:40	0	0	0	0%
4/15/2025	AM03	7:35	0	1	0	0%
	AM07	7:35	0	0	0	0%
4/16/2025	AM03	23:16	0	0	0	0%
	AM07	23:16	0	0	0	0%
4/17/2025	AM03	9:21	0	0	0	0%
	AM07	9:21	0	0	0	0%
4/18/2025	AM03	9:36	0	3	1.076	0%
	AM07	9:36	0	0	0	0%
4/19/2025	AM03	8:43	0	0	0	0%
	AM07	8:43	0	0	0	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
3/9/2025-3/15/2025	108 hrs	30,000 gal	240,923 gal	53,077 gal	8,050 gal	425 gal
3/16/2025-3/22/2025	120 hrs	25,000 gal	258,223 gal	35,777 gal	10,000 gal	0 gal
3/23/2025-3/29/2025	168 hrs	25,000 gal	272,023 gal	20,977 gal	10,200 gal	0 gal
3/30/2025-4/5/2025	168 hrs	5,000 gal	265,148 gal	27,852 gal	11,875 gal	425 gal
4/6/2025-4/12/2025	165 hrs	5,000 gal	258,098 gal	34,902 gal	12,050 gal	425 gal
4/13/2025-4/19/2025	144 hrs	250 gal	247,117 gal	45,883 gal	11,231 gal	425 gal
Running Total	1,563 hrs	121,250 gal	247,117 gal	45,883 gal	109,483 gal	3,952 gal

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

Disposal / recycling:

- RCRA Debris rolloff boxes: 0
- Non RCRA rolloff boxes: 0
- Unprepared Scrap Steel: 0
- Stainless Steel: 0
- Creosote / Penta sludge: 0