

### Operational Period # 23

- Continued removing tanks from DU03. Tanks removed during OP23 include T-1 carbon tank, T-42B, T-43C, and T-46. Removed waste from T-31 and T-32. Began waste removal from T-41A.
- Containment construction completed for retort abatement. Some non ACM material was removed to prevent cross contamination during the abatement process.
- Abatement to begin during OP24. Negative air testing will be conducted prior to beginning abatement activities.
- HAZCLASS operations continued - 59 containers were added to the inventory and 101 additional samples were collected.

### **Unmanned Aerial Systems (UAS) Activities:**

UAV operations were conducted during this Ops Period - A compiled mosaic consisting of three flights focusing on DU03 and the retort area was collected and used to update the Tank Status Map

### **Monitoring, Sampling, and Analysis**

- Deploy air monitoring on the site perimeter and in work areas during active operations. This included monitoring at AM03 near the site entrance and AM10 for work zone monitoring in DU03.
- Hazard classification of unknown chemicals in DU08 was completed.
- Bench test being conducted on small sample of bunker C to observe disposition when warmed up and effectiveness of solidification using diatomaceous earth.
- Two air samples were collected along northern Site boundary for PAH analysis.

[Tank and air monitoring status viewer](#)

Particulate Air Monitoring Data (DusTrak) January 27-February 1, 2025

Date	Air Monitoring Station	Total Run Time	Min (mg/m <sup>3</sup> )	Max (mg/m <sup>3</sup> )	Average (mg/m <sup>3</sup> )	Max TWA	Percent of Readings Exceeding 0.07 mg/m <sup>3</sup>
1/27/2025	AM03	7:43	0	0.655	0.013	0.019	0.0%
	AM10	7:43	0	0.148	0.024	0.017	0.1%
1/28/2025	AM03	9:20	0	0.067	0.032	0.040	0.0%
	AM10	9:20	0.017	0.107	0.034	0.036	0.1%
1/29/2025	AM03	9:07	0	0.102	0.052	0.043	22.3%
	AM10	9:07	0	0.287	1:12	0.070	35.7%
1/30/2025	AM03	9:20	0	0.268	0.020	0.020	3.7%
	AM10	9:20	0	0.290	0.013	0.018	0.5%
1/31/2025	AM03	9:05	0	0.038	0.006	0.005	0.0%
	AM10	9:05	0	0.052	0.005	0.001	0.0%
2/1/2025	AM03	7:50	0	0.02	0.001	0.001	0.0%
	AM10	7:50	0	0.094	0.001	0.009	0.1%

Notes:

VOC Air Monitoring Data (AreaRAE) January 27-February 1, 2025

Date	Air Monitoring Station	Total Run Time	VOC Min (ppb)	VOC Max (ppb)	VOC Average (ppb)	Percent of Readings Exceeding 5 ppm
1/27/2025	AM03	6:58	15	43	26	0%
	AM10	6:58	15	376	82	0%
1/28/2025	AM03	8:06	26	46	35	0%
	AM10	8:06	0	240	57	0%
1/29/2025	AM03	9:07	0	41	30.5	0%
	AM10	9:07	0	230	100	0%
1/30/2025	AM03	9:05	47	118	78	0%
	AM10	9:05	161	435	290	0%
2/1/2025	AM03	7:46	71	90	81	0%
	AM10	7:46	110	444	232	0%

Notes: Data log error on 1/31

NH3 Air Monitoring Data (AreaRAE) January 27-February 1, 2025

Date	Air Monitoring Station	Total Run Time	NH <sub>3</sub> Min (ppm)	NH <sub>3</sub> Max (ppm)	NH <sub>3</sub> Average (ppm)	Percent of Readings Exceeding 25 ppm
1/27/2025	AM03	6:58	0	1	0.12	0%
	AM10	6:58	0	1	0.22	0%
1/28/2025	AM03	8:06	0	0	0.00	0%
	AM10	8:06	0	1	0.59	0%
1/29/2025	AM03	9:07	0	0	0.00	0%
	AM10	9:07	0	0	0.00	0%
1/30/2025	AM03	9:05	0	0	0.00	0%
	AM10	9:05	0	0	0.00	0%
2/1/2025	AM03	7:46	0	0	0.00	0%
	AM10	7:46	0	0	0.00	0%

Notes: Data log error on 1/31/2025

2.1.3 Progress Metrics

Tank Status Map:



**Water Storage and Evaporation:**

Week of	Run Time	Volume Evaporated	Remaining Liquid	Available Storage Capacity
02/01/2025	N/A	N/A	234,000 gal	60,000 gal
Running Total	N/A	N/A	N/A	N/A

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

**Disposal:**

- ACM Rolloff boxes:0
- RCRA Rolloff boxes: 3 boxes of PPE and RCRA debris
- Non RCRA Rolloff boxes:
  - 1 box of non-ACM material