

No concentrations exceeded health-based screening levels

WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
3/10/2025 - 3/17/2025
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria (µg/m ³) ⁽¹⁾	Detection Exceeds Comparison
	FR-AA-01								
	3/10-3/11/2025	3/11-3/12/2025	3/12-3/13/2025	3/13-3/14/2025	3/14-3/15/2025	3/15-3/16/2025	3/16-3/17/2025		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
Volatile Organic Compounds									
1,1,1-Trichloroethane (TCA)	--	< 0.78	< 1.0	< 0.95	< 0.89	--	< 1.1	3,800	No
1,1,2,2-Tetrachloroethane	--	< 0.82	< 1.1	< 0.99	< 0.93	--	< 1.2	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	--	< 0.84	< 1.1	< 1.0	< 0.95	--	< 1.2	11	No
1,1-Dichloroethane (Ethylidene Dichloride)	--	< 0.78	< 1.0	< 0.95	< 0.89	--	< 1.1	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	--	< 0.69	< 0.89	< 0.84	< 0.79	--	< 0.99	4.0	No
1,2,4-Trimethylbenzene	--	< 0.80	< 1.0	< 0.97	< 0.91	--	< 1.1	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	--	< 0.32	< 0.41	< 0.39	< 0.36	--	< 0.46	1.9	No
1,2-Dichloropropane	--	< 0.81	< 1.0	< 0.98	< 0.93	--	< 1.2	9.2	No
1,3,5-Trimethylbenzene	--	< 0.82	< 1.1	< 0.99	< 0.93	--	< 1.2	4.0	No
1,3-Butadiene	--	< 0.81	< 1.0	< 0.98	< 0.92	--	< 1.2	2.0	No
1,4-Dichlorobenzene	--	< 0.80	< 1.0	< 0.97	< 0.91	--	< 1.1	1,200	No
1,4-Dioxane	--	< 0.81	< 1.0	< 0.98	< 0.92	--	< 1.2	720	No
2-Butanone (MEK)	--	< 1.6	< 2.0	< 1.9	< 1.8	--	< 2.2	5,200 ⁽³⁾	No
2-Hexanone	--	< 1.6	< 2.0	< 1.9	< 1.8	--	< 2.3	31 ⁽³⁾	No
4-Methyl-2-pentanone	--	< 1.6	< 2.0	< 1.9	< 1.8	--	< 2.3	3,100 ⁽³⁾	No
Acetone	--	< 7.8	< 10	< 9.4	< 8.9	--	< 11	19,000 ⁽⁴⁾	No
Acrolein	--	< 0.47	< 0.61	< 0.57	0.60	--	< 0.68	0.92	No
Acrylonitrile	--	< 0.38	< 0.49	< 0.46	< 0.43	--	< 0.55	2.0	No
Benzene	--	< 0.78	< 1.0	< 0.94	< 0.88	--	< 1.1	19	No
Bromomethane	--	< 0.78	< 1.0	< 0.94	< 0.88	--	< 1.1	78	No
Carbon Disulfide	--	< 1.6	< 2.0	< 1.9	< 1.8	--	< 2.3	800	No
Carbon Tetrachloride	--	< 0.78	< 1.0	< 0.94	< 0.88	--	< 1.1	190	No
Chlorobenzene	--	< 0.81	< 1.0	< 0.98	< 0.93	--	< 1.2	1,000	No
Chloroethane (Ethyl Chloride)	--	< 0.84	< 1.1	< 1.0	< 0.95	--	< 1.2	34,000	No
Chloroform	--	< 0.81	< 1.0	< 0.98	< 0.92	--	< 1.2	3.9	No
Chloromethane	--	1.4	1.5	1.3	< 0.92	--	< 1.2	620	No
cis-1,2-Dichloroethene	--	< 0.78	< 1.0	< 0.95	< 0.89	--	< 1.1	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	--	< 0.80	< 1.0	< 0.97	< 0.91	--	< 1.1	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	--	< 0.69	< 0.89	0.88	< 0.79	--	< 0.99	1,000	No
Ethylbenzene	--	< 0.83	< 1.1	< 1.0	< 0.94	--	< 1.2	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	--	< 0.094	< 0.12	< 0.11	< 0.11	--	< 0.14	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	--	< 0.77	< 0.99	< 0.93	< 0.87	--	< 1.1	400	No
Isopropyl Alcohol (Isopropanol)	--	1.6	< 2.0	< 1.9	< 1.8	--	< 2.2	7,000	No
m,p-Xylenes	--	< 1.6	< 2.0	< 2.0	< 1.9	--	< 2.3	2,600	No
Methyl Methacrylate	--	< 1.6	< 2.1	< 2.0	< 1.8	--	< 2.3	730 ⁽³⁾	No
Methyl tert-Butyl Ether	--	< 0.81	< 1.0	< 0.98	< 0.92	--	< 1.2	3,600	No
Naphthalene	--	< 0.83	< 1.1	< 1.0	< 1.9	--	< 1.2	9.0	No
n-Hexane	--	< 0.79	< 1.0	< 0.96	< 0.90	--	< 1.1	1,400	No
n-Nonane	--	< 0.80	< 1.0	< 0.97	< 0.91	--	< 1.1	21 ⁽³⁾	No
o-Xylene	--	< 0.82	< 1.1	< 0.99	< 0.93	--	< 1.2	2,600	No
Phenol	--	NF	NF	NF	NF	--	NF	200	No
Propylene (Propene)	--	< 0.80	< 1.0	< 0.97	< 0.91	--	< 1.1	3,000	No
Styrene	--	< 0.81	< 1.0	< 0.98	< 0.92	--	< 1.2	900	No
Tetrachloroethene (PCE)	--	< 0.81	< 1.0	< 0.98	< 0.93	--	< 1.2	41	No
Toluene	--	< 0.83	< 1.1	< 1.0	< 0.94	--	< 1.2	420	No
Trichloroethene (TCE)	--	< 0.80	< 1.0	< 0.97	< 0.91	--	< 1.1	2.2	No
Trichlorofluoromethane (CFC 11)	--	1.2	1.2	1.1	1.1	--	< 1.1	1,300 ⁽²⁾	No
Trichlorotrifluoroethane	--	< 0.70	< 0.90	< 0.85	< 0.80	--	< 1.0	5,200 ⁽³⁾	No
Vinyl Acetate	--	< 8.0	< 10	< 9.7	< 9.2	--	< 12	2,500	No
Vinyl Chloride	--	< 0.81	< 1.0	< 0.98	< 0.92	--	< 1.2	51	No
Sulfur Compounds									
Carbon Disulfide	--	< 4.7	< 5.8	< 5.7	< 5.4	--	< 6.8	800	No
Carbonyl Sulfide	--	< 7.1	< 8.7	< 8.6	< 8.1	--	< 10	10	No
Dimethyl Sulfide	--	< 7.7	< 9.4	< 9.3	< 8.8	--	< 11	1270 ⁽⁵⁾	No
Dimethyl Disulfide	--	< 5.9	< 7.2	< 7.1	< 6.7	--	< 8.4	39 ^(5,6)	No
Hydrogen Sulfide	--	8.5	< 3.9	< 3.8	< 3.6	--	< 4.6	28	No
Methyl Mercaptan	--	< 6.0	< 7.3	< 7.2	< 6.8	--	< 8.6	9.8 ^(5,6)	No

Notes:

"<" - Analyte not detected in sample above the method reporting limit or method detection limit (MDL) as applicable. "NF" - Compound was searched for as a tentatively identified compound, but not found.

The 24-hour sample collection period is from approximately 7 AM to 7 AM the following day.

(1) CDC's Agency for Toxic Substances and Disease Registry's intermediate minimal risk level (ATSDR MRL); if unavailable, OEHHA chronic REL, then ATSDR chronic MRL values, unless otherwise noted (REL/MRL databases updated May 2024).

(2) Department of Toxic Substances Control (DTSC) Human Health and Ecological Risk Office (HERO) Note 3 residential screening level (noncancer-based) for air (May 2022) or Note 10 (February 2019).

(3) United States Environmental Protection Agency (USEPA) Regional Screening Level (RSL) noncancer-based) for residential air (May 2024).

(4) ATSDR acute MRL.

(5) Emergency Response Planning Guideline Value (ERPG-1) from <https://cameochemicals.noaa.gov/search/simple>

(6) U.S. Department of Energy's (DOE's) Protective Action Criteria (PAC-1) from <https://edms3.energy.gov/pac/>

Sample on 3/10-3/11/2025 was not analyzed due to equipment malfunction.

Sample on 3/15-3/16/2025 was rejected due to equipment malfunction.

**WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
3/10/2025 - 3/17/2025
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE**

Target Chemicals	STATION ID							Comparison Criteria ($\mu\text{g}/\text{m}^3$) ⁽¹⁾	Detection Exceeds Comparison
	FR-AA-02								
	3/10-3/11/2025	3/11-3/12/2025	3/12-3/13/2025	3/13-3/14/2025	3/14-3/15/2025	3/15-3/16/2025	3/16-3/17/2025		
24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours			
Volatile Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 0.82	< 0.77	< 0.78	< 0.93	< 1.0	--	< 0.86	3,800	No
1,1,2,2-Tetrachloroethane	< 0.86	< 0.81	< 0.82	< 0.97	< 1.1	--	< 0.90	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 0.88	< 0.83	< 0.84	< 0.99	< 1.1	--	< 0.92	11	No
1,1-Dichloroethane (Ethylidene Dichloride)	< 0.82	< 0.77	< 0.78	< 0.93	< 1.0	--	< 0.86	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 0.73	< 0.68	< 0.69	< 0.82	< 0.89	--	< 0.76	4.0	No
1,2,4-Trimethylbenzene	< 0.84	< 0.79	< 0.80	< 0.95	< 1.0	--	< 0.88	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.34	< 0.32	< 0.32	< 0.38	< 0.41	--	< 0.35	1.9	No
1,2-Dichloropropane	< 0.86	< 0.80	< 0.81	< 0.96	< 1.0	--	< 0.89	9.2	No
1,3,5-Trimethylbenzene	< 0.86	< 0.81	< 0.82	< 0.97	< 1.1	--	< 0.90	4.0	No
1,3-Butadiene	< 0.85	< 0.80	< 0.81	< 0.95	< 1.0	--	< 0.89	2.0	No
1,4-Dichlorobenzene	< 0.84	< 0.79	< 0.80	< 0.95	< 1.0	--	< 0.88	1,200	No
1,4-Dioxane	< 0.85	< 0.80	< 0.81	< 0.95	< 1.0	--	< 0.89	720	No
2-Butanone (MEK)	< 1.6	< 1.5	< 1.5	< 1.8	< 2.0	--	< 1.7	5,200 ⁽³⁾	No
2-Hexanone	< 1.7	< 1.6	< 1.6	< 1.9	< 2.0	--	< 1.7	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 1.7	< 1.6	< 1.6	< 1.9	< 2.1	--	< 1.8	3,100 ⁽³⁾	No
Acetone	< 8.2	< 7.7	14	< 9.2	< 10	--	< 8.6	19,000 ⁽⁴⁾	No
Acrolein	< 0.50	< 0.47	1.0	< 0.56	< 0.61	--	< 0.52	0.92	Yes
Acrylonitrile	< 0.40	< 0.38	< 0.38	< 0.45	< 0.49	--	< 0.42	2.0	No
Benzene	< 0.82	< 0.77	< 0.77	< 0.92	< 1.0	--	< 0.85	19	No
Bromomethane	< 0.82	< 0.77	< 0.77	< 0.92	< 1.0	--	< 0.85	78	No
Carbon Disulfide	< 1.7	< 1.6	< 1.6	< 1.9	< 2.0	--	< 1.7	800	No
Carbon Tetrachloride	< 0.82	< 0.77	< 0.77	< 0.92	< 1.0	--	< 0.85	190	No
Chlorobenzene	< 0.86	< 0.80	< 0.81	< 0.96	< 1.0	--	< 0.89	1,000	No
Chloroethane (Ethyl Chloride)	< 0.88	< 0.83	< 0.84	< 0.99	< 1.1	--	< 0.92	34,000	No
Chloroform	< 0.85	< 0.80	< 0.81	< 0.95	< 1.0	--	< 0.89	3.9	No
Chloromethane	< 0.85	1.4	1.7	1.4	< 1.0	--	< 0.89	620	No
cis-1,2-Dichloroethene	< 0.82	< 0.77	< 0.78	< 0.93	< 1.0	--	< 0.86	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 0.84	< 0.79	< 0.80	< 0.95	< 1.0	--	< 0.88	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 0.73	< 0.68	< 0.69	< 0.82	< 0.89	--	< 0.76	1,000	No
Ethylbenzene	< 0.87	< 0.82	< 0.83	< 0.98	< 1.1	--	< 0.91	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.099	< 0.093	< 0.094	< 0.11	< 0.12	--	< 0.10	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.81	< 0.76	< 0.77	< 0.91	< 0.99	--	< 0.84	400	No
Isopropyl Alcohol (Isopropanol)	< 1.6	1.7	< 1.6	< 1.9	< 2.0	--	< 1.7	7,000	No
m,p-Xylenes	< 1.7	< 1.6	< 1.6	< 1.9	< 2.1	--	< 1.8	2,600	No
Methyl Methacrylate	< 1.7	< 1.6	< 1.6	< 1.9	< 2.1	--	< 1.8	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 0.85	< 0.80	< 0.81	< 0.95	< 1.0	--	< 0.89	3,600	No
Naphthalene	< 0.87	< 0.82	< 0.83	< 0.98	< 2.2	--	< 0.91	9.0	No
n-Hexane	< 0.83	< 0.78	< 0.79	< 0.94	< 1.0	--	< 0.87	1,400	No
n-Nonane	< 0.84	< 0.79	< 0.80	< 0.95	< 1.0	--	< 0.88	21 ⁽³⁾	No
o-Xylene	< 0.86	< 0.81	< 0.82	< 0.97	< 1.1	--	< 0.90	2,600	No
Phenol	NF	NF	NF	NF	NF	--	NF	200	No
Propylene (Propene)	< 0.84	< 0.79	< 0.80	< 0.95	< 1.0	--	< 0.88	3,000	No
Styrene	< 0.85	< 0.80	< 0.81	< 0.95	< 1.0	--	< 0.89	900	No
Tetrachloroethene (PCE)	< 0.86	< 0.80	< 0.81	< 0.96	< 1.0	--	< 0.89	41	No
Toluene	1.1	< 0.82	< 0.83	< 0.98	< 1.1	--	0.93	420	No
Trichloroethene (TCE)	< 0.84	< 0.79	< 0.80	< 0.95	< 1.0	--	< 0.88	2.2	No
Trichlorofluoromethane (CFC 11)	1.1	1.2	1.2	1.2	1.1	--	1.1	1,300 ⁽²⁾	No
Trichlorotrifluoroethane	< 0.74	< 0.69	< 0.70	< 0.83	< 0.90	--	< 0.77	5,200 ⁽³⁾	No
Vinyl Acetate	< 8.5	< 7.9	< 8.0	< 9.5	< 10	--	< 8.8	2,500	No
Vinyl Chloride	< 0.85	< 0.80	< 0.81	< 0.95	< 1.0	--	< 0.89	51	No
Sulfur Compounds									
Carbon Disulfide	< 5.0	< 4.7	< 4.7	< 5.6	< 6.1	--	< 5.2	800	No
Carbonyl Sulfide	< 7.5	< 7.0	< 7.0	< 8.4	< 9.1	--	< 7.8	10	No
Dimethyl Sulfide	< 8.1	< 7.6	< 7.7	< 9.1	< 10	--	< 8.5	1270 ⁽⁵⁾	No
Dimethyl Disulfide	< 6.2	< 5.8	< 5.8	< 6.9	< 7.5	--	< 6.4	39 ^(5,6)	No
Hydrogen Sulfide	< 3.3	< 3.1	< 3.2	< 3.8	< 4.1	--	< 3.5	28	No
Methyl Mercaptan	< 6.3	< 5.9	< 5.9	< 7.1	< 7.7	--	< 6.6	9.8 ^(5,6)	No

Notes:

"<" - Analyte not detected in sample above the method reporting limit or method detection limit (MDL) as applicable. "NF" - Compound was searched for as a tentatively identified compound, but not found.

The 24-hour sample collection period is from approximately 7 AM to 7 AM the following day.

(1) CDC's Agency for Toxic Substances and Disease Registry's intermediate minimal risk level (ATSDR MRL); if unavailable, OEHHA chronic REL, then ATSDR chronic MRL values, unless otherwise noted (REL/MRL databases updated May 2024).

(2) Department of Toxic Substances Control (DTSC) Human Health and Ecological Risk Office (HERO) Note 3 residential screening level (noncancer-based) for air (May 2022) or Note 10 (February 2019).

(3) United States Environmental Protection Agency (USEPA) Regional Screening Level (RSL) noncancer-based for residential air (May 2024).

(4) ATSDR acute MRL.

(5) Emergency Response Planning Guideline Value (ERPG-1) from <https://cameochemicals.noaa.gov/search/simple>

(6) U.S. Department of Energy's (DOE's) Protective Action Criteria (PAC-1) from <https://edms3.energy.gov/pac/#/>

Sample on 3/15-3/16/2025 was rejected due to equipment malfunction.

A reading of acrolein was marginally higher than its comparison criteria on 3/12-3/13. The reading was within the regional background level of 2 $\mu\text{g}/\text{m}^3$. A short-term reading above the comparison criteria does not mean there is a public health risk as these levels are established with a large margin of safety. Learn more about Ascon's air quality monitoring system at asconhb.com.

No concentrations exceeded health-based screening levels

WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
3/10/2025 - 3/17/2025
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria (µg/m ³) ⁽¹⁾	Detection Exceeds Comparison
	FR-AA-03								
	3/10-3/11/2025	3/11-3/12/2025	3/12-3/13/2025	3/13-3/14/2025	3/14-3/15/2025	3/15-3/16/2025	3/16-3/17/2025		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
Volatile Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 0.72	< 0.99	< 1.2	< 0.94	< 0.98	< 1.0	< 0.80	3,800	No
1,1,2,2-Tetrachloroethane	< 0.76	< 1.0	< 1.3	< 0.99	< 1.0	< 1.1	< 0.84	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 0.77	< 1.1	< 1.3	< 1.0	< 1.1	< 1.1	< 0.85	11	No
1,1-Dichloroethane (Ethylidene Dichloride)	< 0.72	< 0.99	< 1.2	< 0.94	< 0.98	< 1.0	< 0.80	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 0.64	< 0.87	< 1.1	< 0.83	< 0.87	< 0.89	< 0.71	4.0	No
1,2,4-Trimethylbenzene	< 0.74	< 1.0	< 1.3	< 0.96	< 1.0	< 1.0	< 0.81	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.29	< 0.40	< 0.50	< 0.38	< 0.40	< 0.41	< 0.33	1.9	No
1,2-Dichloropropane	< 0.75	< 1.0	< 1.3	< 0.98	< 1.0	< 1.0	< 0.83	9.2	No
1,3,5-Trimethylbenzene	< 0.76	< 1.0	< 1.3	< 0.99	< 1.0	< 1.1	< 0.84	4.0	No
1,3-Butadiene	< 0.74	< 1.0	< 1.3	< 0.97	< 1.0	< 1.0	< 0.82	2.0	No
1,4-Dichlorobenzene	< 0.74	< 1.0	< 1.3	< 0.96	< 1.0	< 1.0	< 0.81	1,200	No
1,4-Dioxane	< 0.74	< 1.0	< 1.3	< 0.97	< 1.0	< 1.0	< 0.82	720	No
2-Butanone (MEK)	< 1.4	< 2.0	< 2.4	< 1.9	< 1.9	< 2.0	< 1.6	5,200 ⁽³⁾	No
2-Hexanone	< 1.5	< 2.0	< 2.5	< 1.9	< 2.0	< 2.0	< 1.6	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 1.5	< 2.0	< 2.5	< 1.9	< 2.0	< 2.1	< 1.6	3,100 ⁽³⁾	No
Acetone	< 7.2	< 9.8	< 12	< 9.4	< 9.8	< 10	< 7.9	19,000 ⁽⁴⁾	No
Acrolein	< 0.43	< 0.60	< 0.74	< 0.57	< 0.59	< 0.61	< 0.48	0.92	No
Acrylonitrile	< 0.35	< 0.48	< 0.60	< 0.46	0.82	< 0.49	< 0.39	2.0	No
Benzene	< 0.71	< 0.98	< 1.2	< 0.93	< 0.97	< 1.0	< 0.79	19	No
Bromomethane	< 0.71	< 0.98	< 1.2	< 0.93	< 0.97	< 1.0	< 0.79	78	No
Carbon Disulfide	< 1.4	< 2.0	< 2.5	< 1.9	< 2.0	< 2.0	< 1.6	800	No
Carbon Tetrachloride	< 0.71	< 0.98	< 1.2	< 0.93	< 0.97	< 1.0	< 0.79	190	No
Chlorobenzene	< 0.75	< 1.0	< 1.3	< 0.98	< 1.0	< 1.0	< 0.83	1,000	No
Chloroethane (Ethyl Chloride)	< 0.77	< 1.1	< 1.3	< 1.0	< 1.1	< 1.1	< 0.85	34,000	No
Chloroform	< 0.74	< 1.0	< 1.3	< 0.97	< 1.0	< 1.0	< 0.82	3.9	No
Chloromethane	< 0.74	1.4	1.7	1.3	< 1.0	< 1.0	< 0.82	620	No
cis-1,2-Dichloroethene	< 0.72	< 0.99	< 1.2	< 0.94	< 0.98	< 1.0	< 0.80	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 0.74	< 1.0	< 1.3	< 0.96	< 1.0	< 1.0	< 0.81	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 0.64	< 0.87	< 1.1	< 0.83	< 0.87	< 0.89	< 0.71	1,000	No
Ethylbenzene	< 0.76	< 1.0	< 1.3	< 1.0	< 1.0	< 1.1	< 0.84	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.087	< 0.12	< 0.15	< 0.11	< 0.12	< 0.12	< 0.096	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.71	< 0.97	< 1.2	< 0.92	< 0.96	< 0.99	< 0.78	400	No
Isopropyl Alcohol (Isopropanol)	< 1.4	2.1	< 2.5	< 1.9	< 2.0	< 2.0	< 1.6	7,000	No
m,p-Xylenes	< 1.5	< 2.1	< 2.6	< 2.0	< 2.0	< 2.1	< 1.7	2,600	No
Methyl Methacrylate	< 1.5	< 2.0	< 2.5	< 1.9	< 2.0	< 2.1	< 1.6	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 0.74	< 1.0	< 1.3	< 0.97	< 1.0	< 1.0	< 0.82	3,600	No
Naphthalene	< 0.76	< 1.0	< 1.3	< 1.0	< 2.1	< 1.1	< 0.84	9.0	No
n-Hexane	< 0.73	< 1.0	< 1.2	< 0.95	< 0.99	< 1.0	< 0.81	1,400	No
n-Nonane	< 0.74	< 1.0	< 1.3	< 0.96	< 1.0	< 1.0	< 0.81	21 ⁽³⁾	No
o-Xylene	< 0.76	< 1.0	< 1.3	< 0.99	< 1.0	< 1.1	< 0.84	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 0.74	< 1.0	< 1.3	< 0.96	< 1.0	< 1.0	< 0.81	3,000	No
Styrene	< 0.74	< 1.0	< 1.3	< 0.97	< 1.0	< 1.0	< 0.82	900	No
Tetrachloroethene (PCE)	< 0.75	< 1.0	< 1.3	< 0.98	< 1.0	< 1.0	< 0.83	41	No
Toluene	< 0.76	< 1.0	< 1.3	< 1.0	< 1.0	< 1.1	1.3	420	No
Trichloroethene (TCE)	< 0.74	< 1.0	< 1.3	< 0.96	< 1.0	< 1.0	< 0.81	2.2	No
Trichlorofluoromethane (CFC 11)	1.1	1.2	< 1.2	1.2	1.2	1.1	1.0	1,300 ⁽²⁾	No
Trichlorotrifluoroethane	< 0.64	< 0.88	< 1.1	< 0.84	< 0.88	< 0.90	< 0.71	5,200 ⁽³⁾	No
Vinyl Acetate	< 7.4	< 10	< 13	< 9.7	< 10	< 10	< 8.2	2,500	No
Vinyl Chloride	< 0.74	< 1.0	< 1.3	< 0.97	< 1.0	< 1.0	< 0.82	51	No
Sulfur Compounds									
Carbon Disulfide	< 4.4	< 6.0	< 7.5	< 5.7	< 5.9	< 6.1	< 4.8	800	No
Carbonyl Sulfide	< 6.5	< 9.0	< 11	< 8.5	< 8.9	< 9.1	< 7.2	10	No
Dimethyl Sulfide	< 7.1	< 9.8	< 12	< 9.3	< 9.7	< 10	< 7.9	1270 ⁽⁵⁾	No
Dimethyl Disulfide	< 5.4	< 7.4	< 9.2	< 7.0	< 7.4	< 7.5	< 6.0	39 ^(5,6)	No
Hydrogen Sulfide	< 2.9	< 4.0	< 5.0	< 3.8	< 4.0	< 4.1	< 3.2	28	No
Methyl Mercaptan	< 5.5	< 7.6	< 9.4	< 7.2	< 7.5	< 7.7	< 6.1	9.8 ^(5,6)	No

Notes:

"<" - Analyte not detected in sample above the method reporting limit or method detection limit (MDL) as applicable. "NF" - Compound was searched for as a tentatively identified compound, but not found.

The 24-hour sample collection period is from approximately 7 AM to 7 AM the following day.

(1) CDC's Agency for Toxic Substances and Disease Registry's intermediate minimal risk level (ATSDR MRL); if unavailable, OEHHA chronic REL, then ATSDR chronic MRL values, unless otherwise noted (REL/MRL databases updated May 2024).

(2) Department of Toxic Substances Control (DTSC) Human Health and Ecological Risk Office (HERO) Note 3 residential screening level (noncancer-based) for air (May 2022) or Note 10 (February 2019).

(3) United States Environmental Protection Agency (USEPA) Regional Screening Level (RSL) noncancer-based) for residential air (May 2024).

(4) ATSDR acute MRL.

(5) Emergency Response Planning Guideline Value (ERPG-1) from <https://cameochemicals.noaa.gov/search/simple>

(6) U.S. Department of Energy's (DOE's) Protective Action Criteria (PAC-1) from <https://edms3.energy.gov/pac/#/>

**WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
3/10/2025 - 3/17/2025
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE**

Target Chemicals	STATION ID							Comparison Criteria (µg/m ³) ⁽¹⁾	Detection Exceeds Comparison
	FR-AA-04								
	3/10-3/11/2025	3/11-3/12/2025	3/12-3/13/2025	3/13-3/14/2025	3/14-3/15/2025	3/15-3/16/2025	3/16-3/17/2025		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
Volatiles Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 0.86	< 0.89	< 1.3	< 0.85	< 0.95	< 0.88	< 0.84	3,800	No
1,1,2,2-Tetrachloroethane	< 0.90	< 0.93	< 1.3	< 0.90	< 1.0	< 0.92	< 0.88	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 0.92	< 0.95	< 1.4	< 0.91	< 1.0	< 0.94	< 0.90	11	No
1,1-Dichloroethane (Ethylidene Dichloride)	< 0.86	< 0.89	< 1.3	< 0.85	< 0.95	< 0.88	< 0.84	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 0.76	< 0.78	< 1.1	< 0.76	< 0.84	< 0.78	< 0.74	4.0	No
1,2,4-Trimethylbenzene	< 0.88	< 0.90	< 1.3	< 0.87	< 0.97	< 0.90	< 0.86	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.35	< 0.36	< 0.52	< 0.35	< 0.39	< 0.36	< 0.34	1.9	No
1,2-Dichloropropane	< 0.89	< 0.92	< 1.3	< 0.89	< 0.99	< 0.91	< 0.87	9.2	No
1,3,5-Trimethylbenzene	< 0.90	< 0.93	< 1.3	< 0.90	< 1.0	< 0.92	< 0.88	4.0	No
1,3-Butadiene	< 0.89	< 0.91	< 1.3	< 0.88	< 0.98	< 0.91	< 0.86	2.0	No
1,4-Dichlorobenzene	< 0.88	< 0.90	< 1.3	< 0.87	< 0.97	< 0.90	< 0.86	1,200	No
1,4-Dioxane	< 0.89	< 0.91	< 1.3	< 0.88	< 0.98	< 0.91	< 0.86	720	No
2-Butanone (MEK)	< 1.7	< 1.8	< 2.5	< 1.7	< 1.9	< 1.7	< 1.7	5,200 ⁽³⁾	No
2-Hexanone	< 1.7	< 1.8	< 2.6	< 1.7	< 1.9	< 1.8	< 1.7	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 1.8	< 1.8	< 2.6	< 1.7	< 1.9	< 1.8	< 1.7	3,100 ⁽³⁾	No
Acetone	< 8.6	< 8.8	< 13	< 8.5	< 9.5	< 8.8	< 8.3	19,000 ⁽⁴⁾	No
Acrolein	< 0.52	< 0.53	< 0.77	< 0.51	< 0.57	< 0.53	< 0.51	0.92	No
Acrylonitrile	5.6	< 0.43	< 0.62	< 0.42	< 0.46	< 0.43	< 0.41	2.0	Yes
Benzene	< 0.85	< 0.88	< 1.3	< 0.85	< 0.94	0.89	< 0.83	19	No
Bromomethane	< 0.85	< 0.88	< 1.3	< 0.85	< 0.94	< 0.87	< 0.83	78	No
Carbon Disulfide	< 1.7	< 1.8	< 2.6	< 1.7	< 1.9	< 1.8	< 1.7	800	No
Carbon Tetrachloride	< 0.85	< 0.88	< 1.3	< 0.85	< 0.94	< 0.87	< 0.83	190	No
Chlorobenzene	< 0.89	< 0.92	< 1.3	< 0.89	< 0.99	< 0.91	< 0.87	1,000	No
Chloroethane (Ethyl Chloride)	< 0.92	< 0.95	< 1.4	< 0.91	< 1.0	< 0.94	< 0.90	34,000	No
Chloroform	< 0.89	< 0.91	< 1.3	< 0.88	< 0.98	< 0.91	< 0.86	3.9	No
Chloromethane	< 0.89	1.5	< 1.3	1.4	< 0.98	< 0.91	< 0.86	620	No
cis-1,2-Dichloroethene	< 0.86	< 0.89	< 1.3	< 0.85	< 0.95	< 0.88	< 0.84	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 0.88	< 0.90	< 1.3	< 0.87	< 0.97	< 0.90	< 0.86	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 0.76	< 0.78	< 1.1	< 0.76	< 0.84	< 0.78	< 0.74	1,000	No
Ethylbenzene	< 0.91	< 0.94	< 1.3	< 0.90	< 1.0	< 0.93	< 0.89	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.10	< 0.11	< 0.15	< 0.10	< 0.11	< 0.11	< 0.10	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.84	< 0.87	< 1.2	< 0.84	< 0.93	< 0.86	< 0.82	400	No
Isopropyl Alcohol (Isopropanol)	< 1.7	2.1	< 2.5	< 1.7	< 1.9	< 1.8	< 1.7	7,000	No
m,p-Xylenes	< 1.8	< 1.8	< 2.6	< 1.8	< 2.0	< 1.8	< 1.7	2,600	No
Methyl Methacrylate	< 1.8	< 1.8	< 2.6	< 1.8	< 2.0	< 1.8	< 1.7	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 0.89	< 0.91	< 1.3	< 0.88	< 0.98	< 0.91	< 0.86	3,600	No
Naphthalene	< 0.91	< 0.94	< 1.3	< 0.90	< 2.0	< 0.93	< 0.89	9.0	No
n-Hexane	< 0.87	< 0.89	< 1.3	< 0.86	< 0.96	< 0.89	< 0.85	1,400	No
n-Nonane	< 0.88	< 0.90	< 1.3	< 0.87	< 0.97	< 0.90	< 0.86	21 ⁽³⁾	No
o-Xylene	< 0.90	< 0.93	< 1.3	< 0.90	< 1.0	< 0.92	< 0.88	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 0.88	< 0.90	< 1.3	< 0.87	< 0.97	< 0.90	< 0.86	3,000	No
Styrene	< 0.89	< 0.91	< 1.3	< 0.88	< 0.98	< 0.91	< 0.86	900	No
Tetrachloroethene (PCE)	< 0.89	< 0.92	< 1.3	< 0.89	< 0.99	< 0.91	< 0.87	41	No
Toluene	1.8	< 0.94	< 1.3	< 0.90	1.3	2.0	< 0.89	420	No
Trichloroethene (TCE)	< 0.88	< 0.90	< 1.3	< 0.87	< 0.97	< 0.90	< 0.86	2.2	No
Trichlorofluoromethane (CFC 11)	1.1	1.2	< 1.2	1.2	1.1	1.0	1,300 ⁽²⁾	No	
Trichlorotrifluoroethane	< 0.77	< 0.79	< 1.1	< 0.76	< 0.85	< 0.79	< 0.75	5,200 ⁽³⁾	No
Vinyl Acetate	< 8.8	< 9.1	< 13	< 8.8	< 9.8	< 9.0	< 8.6	2,500	No
Vinyl Chloride	< 0.89	< 0.91	< 1.3	< 0.88	< 0.98	< 0.91	< 0.86	51	No
Sulfur Compounds									
Carbon Disulfide	< 5.2	< 5.4	< 6.0	< 5.2	< 5.8	< 5.3	< 5.1	800	No
Carbonyl Sulfide	< 7.8	< 8.0	< 9.0	< 7.7	< 8.6	< 8.0	< 7.6	10	No
Dimethyl Sulfide	< 8.5	< 8.7	< 9.8	< 8.4	< 9.4	< 8.7	< 8.3	1270 ⁽⁵⁾	No
Dimethyl Disulfide	< 6.4	< 6.6	< 7.4	< 6.4	< 7.1	< 6.6	< 6.3	39 ^(5,6)	No
Hydrogen Sulfide	< 3.5	< 3.6	< 4.0	< 3.5	< 3.9	< 3.6	< 3.4	28	No
Methyl Mercaptan	< 6.6	< 6.8	< 7.6	< 6.5	< 7.3	< 6.7	< 6.4	9.8 ^(5,6)	No

Notes:

"<" - Analyte not detected in sample above the method reporting limit or method detection limit (MDL) as applicable. "NF" - Compound was searched for as a tentatively identified compound, but not found.

The 24-hour sample collection period is from approximately 7 AM to 7 AM the following day.

(1) CDC's Agency for Toxic Substances and Disease Registry's intermediate minimal risk level (ATSDR MRL); if unavailable, OEHHA chronic REL, then ATSDR chronic MRL values, unless otherwise noted (REL/MRL databases updated May 2024).

(2) Department of Toxic Substances Control (DTSC) Human Health and Ecological Risk Office (HERO) Note 3 residential screening level (noncancer-based) for air (May 2022) or Note 10 (February 2019).

(3) United States Environmental Protection Agency (USEPA) Regional Screening Level (RSL) noncancer-based) for residential air (May 2024).

(4) ATSDR acute MRL.

(5) Emergency Response Planning Guideline Value (ERPG-1) from <https://cameochemicals.noaa.gov/search/simple>

(6) U.S. Department of Energy's (DOE's) Protective Action Criteria (PAC-1) from <https://edms3.energy.gov/pac/#/>

A reading of acrylonitrile was higher than its comparison criteria on 3/10-3/11. There were no other detections of acrylonitrile at any onsite or offsite station. A short-term reading above the comparison criteria does not mean there is a public health risk as these levels are established with a large margin of safety. Learn more about Ascon's air quality monitoring system at asconhb.com.

No concentrations exceeded health-based screening levels

WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
3/10/2025 - 3/17/2025
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria (µg/m ³) ⁽¹⁾	Detection Exceeds Comparison
	FR-AA-05								
	3/10-3/11/2025	3/11-3/12/2025	3/12-3/13/2025	3/13-3/14/2025	3/14-3/15/2025	3/15-3/16/2025	3/16-3/17/2025		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
Volatile Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 0.87	< 0.81	< 0.95	< 0.96	< 0.74	< 0.90	< 0.89	3,800	No
1,1,2,2-Tetrachloroethane	< 0.91	< 0.85	< 0.99	< 1.0	< 0.78	< 0.95	< 0.93	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 0.93	< 0.87	< 1.0	< 1.0	< 0.79	< 0.96	< 0.95	11	No
1,1-Dichloroethane (Ethylidene Dichloride)	< 0.87	< 0.81	< 0.95	< 0.96	< 0.74	< 0.90	< 0.89	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 0.77	< 0.72	< 0.84	< 0.85	< 0.66	< 0.80	< 0.78	4.0	No
1,2,4-Trimethylbenzene	< 0.89	< 0.83	< 0.97	< 0.98	< 0.76	< 0.92	< 0.90	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.35	< 0.33	< 0.39	< 0.39	< 0.30	< 0.37	< 0.36	1.9	No
1,2-Dichloropropane	< 0.90	< 0.85	< 0.98	< 1.0	< 0.77	< 0.94	< 0.92	9.2	No
1,3,5-Trimethylbenzene	< 0.91	< 0.85	< 0.99	< 1.0	< 0.78	< 0.95	< 0.93	4.0	No
1,3-Butadiene	< 0.90	< 0.84	< 0.98	< 0.99	< 0.76	< 0.93	< 0.91	2.0	No
1,4-Dichlorobenzene	< 0.89	< 0.83	< 0.97	< 0.98	< 0.76	< 0.92	< 0.90	1,200	No
1,4-Dioxane	< 0.90	< 0.84	< 0.98	< 0.99	< 0.76	< 0.93	< 0.91	720	No
2-Butanone (MEK)	< 1.7	< 1.6	< 1.9	< 1.9	< 1.5	< 1.8	< 1.8	5,200 ⁽³⁾	No
2-Hexanone	< 1.8	< 1.6	< 1.9	< 1.9	< 1.5	< 1.8	< 1.8	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 1.8	< 1.7	< 1.9	< 2.0	< 1.5	< 1.8	< 1.8	3,100 ⁽³⁾	No
Acetone	< 8.7	< 8.1	< 9.4	< 9.5	< 7.4	< 9.0	< 8.8	19,000 ⁽⁴⁾	No
Acrolein	< 0.52	< 0.49	0.59	< 0.58	< 0.45	< 0.54	< 0.53	0.92	No
Acrylonitrile	< 0.42	< 0.40	< 0.46	< 0.47	< 0.36	< 0.44	< 0.43	2.0	No
Benzene	1.2	< 0.81	< 0.94	< 0.95	< 0.73	< 0.89	< 0.88	19	No
Bromomethane	< 0.86	< 0.81	< 0.94	< 0.95	< 0.73	< 0.89	< 0.88	78	No
Carbon Disulfide	< 1.7	< 1.6	< 1.9	< 1.9	< 1.5	< 1.8	< 1.8	800	No
Carbon Tetrachloride	< 0.86	< 0.81	< 0.94	< 0.95	< 0.73	< 0.89	< 0.88	190	No
Chlorobenzene	< 0.90	< 0.85	< 0.98	< 1.0	< 0.77	< 0.94	< 0.92	1,000	No
Chloroethane (Ethyl Chloride)	< 0.93	< 0.87	< 1.0	< 1.0	< 0.79	< 0.96	< 0.95	34,000	No
Chloroform	< 0.90	< 0.84	< 0.98	< 0.99	< 0.76	< 0.93	< 0.91	3.9	No
Chloromethane	< 0.90	1.4	1.9	1.3	< 0.76	< 0.93	< 0.91	620	No
cis-1,2-Dichloroethene	< 0.87	< 0.81	< 0.95	< 0.96	< 0.74	< 0.90	< 0.89	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 0.89	< 0.83	< 0.97	< 0.98	< 0.76	< 0.92	< 0.90	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 0.77	< 0.72	< 0.84	< 0.85	< 0.66	< 0.80	< 0.78	1,000	No
Ethylbenzene	< 0.92	< 0.86	< 1.0	< 1.0	< 0.78	< 0.95	< 0.94	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.10	< 0.098	< 0.11	< 0.12	< 0.089	< 0.11	< 0.11	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.85	< 0.80	< 0.93	< 0.94	< 0.73	< 0.88	< 0.87	400	No
Isopropyl Alcohol (Isopropanol)	< 1.7	1.9	2.5	< 1.9	< 1.5	< 1.8	< 1.8	7,000	No
m,p-Xylenes	< 1.8	< 1.7	< 2.0	< 2.0	< 1.5	< 1.9	< 1.8	2,600	No
Methyl Methacrylate	< 1.8	< 1.7	< 2.0	< 2.0	< 1.5	< 1.9	< 1.8	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 0.90	< 0.84	< 0.98	< 0.99	< 0.76	< 0.93	< 0.91	3,600	No
Naphthalene	< 0.92	< 0.86	< 1.0	< 1.0	< 1.6	< 0.95	< 0.94	9.0	No
n-Hexane	< 0.88	< 0.82	< 0.96	< 0.97	< 0.75	< 0.91	< 0.89	1,400	No
n-Nonane	< 0.89	< 0.83	< 0.97	< 0.98	< 0.76	< 0.92	< 0.90	21 ⁽³⁾	No
o-Xylene	< 0.91	< 0.85	< 0.99	< 1.0	< 0.78	< 0.95	< 0.93	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 0.89	< 0.83	< 0.97	< 0.98	< 0.76	< 0.92	< 0.90	3,000	No
Styrene	< 0.90	< 0.84	< 0.98	< 0.99	< 0.76	< 0.93	< 0.91	900	No
Tetrachloroethene (PCE)	< 0.90	< 0.85	< 0.98	< 1.0	< 0.77	< 0.94	< 0.92	41	No
Toluene	1.7	< 0.86	< 1.0	< 1.0	0.84	1.0	< 0.94	420	No
Trichloroethene (TCE)	< 0.89	< 0.83	< 0.97	< 0.98	< 0.76	< 0.92	< 0.90	2.2	No
Trichlorofluoromethane (CFC 11)	1.1	1.2	1.2	1.2	1.3	1.1	1.0	1,300 ⁽²⁾	No
Trichlorotrifluoroethane	< 0.78	< 0.73	< 0.85	< 0.86	< 0.66	< 0.81	< 0.79	5,200 ⁽³⁾	No
Vinyl Acetate	< 8.9	< 8.4	< 9.7	< 9.8	< 7.6	< 9.3	< 9.1	2,500	No
Vinyl Chloride	< 0.90	< 0.84	< 0.98	< 0.99	< 0.76	< 0.93	< 0.91	51	No
Sulfur Compounds									
Carbon Disulfide	< 5.3	< 4.9	< 4.9	< 5.8	< 4.5	< 5.4	< 5.4	800	No
Carbonyl Sulfide	< 7.9	< 7.4	< 7.4	< 8.7	< 6.7	< 8.2	< 8.0	10	No
Dimethyl Sulfide	< 8.6	< 8.0	< 8.0	< 9.4	< 7.3	< 8.9	< 8.7	1270 ⁽⁵⁾	No
Dimethyl Disulfide	< 6.5	< 6.1	< 6.1	< 7.2	< 5.5	< 6.7	< 6.6	39 ^(5,6)	No
Hydrogen Sulfide	< 3.5	< 3.3	< 3.3	< 3.9	6.8	< 3.7	< 3.6	28	No
Methyl Mercaptan	< 6.6	< 6.2	< 6.2	< 7.3	< 5.7	< 6.9	< 6.8	9.8 ^(5,6)	No

Notes:

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The 24-hour sample collection period is from approximately 7 AM to 7 AM the following day.

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(2) Department of Toxic Substances Control (DTSC) Human Health and Ecological Risk Office (HERO) Note 3 residential screening level (noncancer-based) for air (May 2022) or Note 10 (February 2019).

(3) United States Environmental Protection Agency (USEPA) Regional Screening Level (RSL) noncancer-based) for residential air (May 2024).

(4) ATSDR acute MRL.

(5) Emergency Response Planning Guideline Value (ERPG-1) from <https://cameochemicals.noaa.gov/search/simple>

(6) U.S. Department of Energy's (DOE's) Protective Action Criteria (PAC-1) from <https://edms3.energy.gov/pac/#/>

**WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
3/10/2025 - 3/17/2025
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE**

Target Chemicals	STATION ID							Comparison Criteria ($\mu\text{g}/\text{m}^3$) ⁽¹⁾	Detection Exceeds Comparison
	FR-AA-06								
	3/10-3/11/2025	3/11-3/12/2025	3/12-3/13/2025	3/13-3/14/2025	3/14-3/15/2025	3/15-3/16/2025	3/16-3/17/2025		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
Volatiles Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 0.91	< 0.89	< 1.1	< 0.95	< 0.97	< 1.1	< 1.1	3,800	No
1,1,2,2-Tetrachloroethane	< 0.95	< 0.93	< 1.2	< 1.0	< 1.0	< 1.2	< 1.1	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 0.97	< 0.95	< 1.2	< 1.0	< 1.0	< 1.2	< 1.1	11	No
1,1-Dichloroethane (Ethylidene Dichloride)	< 0.91	< 0.89	< 1.1	< 0.95	< 0.97	< 1.1	< 1.1	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 0.80	< 0.78	< 0.97	< 0.84	< 0.86	< 0.99	< 0.94	4.0	No
1,2,4-Trimethylbenzene	< 0.92	< 0.91	< 1.1	< 0.97	< 0.99	< 1.1	< 1.1	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.37	< 0.36	< 0.45	< 0.39	< 0.39	< 0.46	< 0.43	1.9	No
1,2-Dichloropropane	< 0.94	< 0.92	< 1.1	< 0.99	< 1.0	< 1.2	< 1.1	9.2	No
1,3,5-Trimethylbenzene	< 0.95	< 0.93	< 1.2	< 1.0	< 1.0	< 1.2	< 1.1	4.0	No
1,3-Butadiene	< 0.93	< 0.91	< 1.1	< 0.98	< 1.0	< 1.2	< 1.1	2.0	No
1,4-Dichlorobenzene	< 0.92	< 0.91	< 1.1	< 0.97	< 0.99	< 1.1	< 1.1	1,200	No
1,4-Dioxane	< 0.93	< 0.91	< 1.1	< 0.98	< 1.0	< 1.2	< 1.1	720	No
2-Butanone (MEK)	< 1.8	< 1.8	< 2.2	< 1.9	< 1.9	< 2.2	< 2.1	5,200 ⁽³⁾	No
2-Hexanone	< 1.8	< 1.8	< 2.2	< 1.9	< 2.0	< 2.3	< 2.2	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 1.8	< 1.8	< 2.2	< 1.9	< 2.0	< 2.3	< 2.2	3,100 ⁽³⁾	No
Acetone	< 9.0	< 8.8	14	< 9.5	< 9.6	< 11	< 11	19,000 ⁽⁴⁾	No
Acrolein	< 0.55	< 0.53	1.0	< 0.57	< 0.58	< 0.68	< 0.64	0.92	Yes
Acrylonitrile	< 0.44	< 0.43	< 0.53	< 0.46	< 0.47	< 0.55	< 0.52	2.0	No
Benzene	< 0.90	< 0.88	< 1.1	< 0.94	< 0.96	< 1.1	< 1.1	19	No
Bromomethane	< 0.90	< 0.88	< 1.1	< 0.94	< 0.96	< 1.1	< 1.1	78	No
Carbon Disulfide	< 1.8	< 1.8	< 2.2	< 1.9	< 1.9	< 2.3	< 2.1	800	No
Carbon Tetrachloride	< 0.90	< 0.88	< 1.1	< 0.94	< 0.96	< 1.1	< 1.1	190	No
Chlorobenzene	< 0.94	< 0.92	< 1.1	< 0.99	< 1.0	< 1.2	< 1.1	1,000	No
Chloroethane (Ethyl Chloride)	< 0.97	< 0.95	< 1.2	< 1.0	< 1.0	< 1.2	< 1.1	34,000	No
Chloroform	< 0.93	< 0.91	< 1.1	< 0.98	< 1.0	< 1.2	< 1.1	3.9	No
Chloromethane	< 0.93	1.5	1.6	1.3	< 1.0	< 1.2	< 1.1	620	No
cis-1,2-Dichloroethene	< 0.91	< 0.89	< 1.1	< 0.95	< 0.97	< 1.1	< 1.1	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 0.92	< 0.91	< 1.1	< 0.97	< 0.99	< 1.1	< 1.1	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 0.80	< 0.78	< 0.97	< 0.84	< 0.86	< 0.99	< 0.94	1,000	No
Ethylbenzene	< 0.96	< 0.94	< 1.2	< 1.0	< 1.0	< 1.2	< 1.1	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.11	< 0.11	< 0.13	< 0.11	< 0.12	< 0.14	< 0.13	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.89	< 0.87	< 1.1	< 0.93	< 0.95	< 1.1	< 1.0	400	No
Isopropyl Alcohol (Isopropanol)	< 1.8	< 1.8	< 2.2	< 1.9	< 1.9	< 2.2	< 2.1	7,000	No
m,p-Xylenes	< 1.9	< 1.8	< 2.3	< 2.0	< 2.0	< 2.3	< 2.2	2,600	No
Methyl Methacrylate	< 1.9	< 1.8	< 2.3	< 2.0	< 2.0	< 2.3	< 2.2	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 0.93	< 0.91	< 1.1	< 0.98	< 1.0	< 1.2	< 1.1	3,600	No
Naphthalene	< 0.96	< 0.94	< 1.2	< 1.0	< 2.1	< 1.2	< 1.1	9.0	No
n-Hexane	< 0.92	< 0.90	< 1.1	< 0.96	< 0.98	< 1.1	< 1.1	1,400	No
n-Nonane	< 0.92	< 0.91	< 1.1	< 0.97	< 0.99	< 1.1	< 1.1	21 ⁽³⁾	No
o-Xylene	< 0.95	< 0.93	< 1.2	< 1.0	< 1.0	< 1.2	< 1.1	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 0.92	< 0.91	< 1.1	< 0.97	< 0.99	< 1.1	< 1.1	3,000	No
Styrene	< 0.93	< 0.91	< 1.1	< 0.98	< 1.0	< 1.2	< 1.1	900	No
Tetrachloroethene (PCE)	< 0.94	< 0.92	< 1.1	< 0.99	< 1.0	< 1.2	< 1.1	41	No
Toluene	< 0.96	< 0.94	< 1.2	< 1.0	< 1.0	< 1.2	< 1.1	420	No
Trichloroethene (TCE)	< 0.92	< 0.91	< 1.1	< 0.97	< 0.99	< 1.1	< 1.1	2.2	No
Trichlorofluoromethane (CFC 11)	1.0	1.2	1.2	1.2	1.2	< 1.1	< 1.0	1,300 ⁽²⁾	No
Trichlorotrifluoroethane	< 0.81	< 0.79	< 0.98	< 0.85	< 0.86	< 1.0	< 0.95	5,200 ⁽³⁾	No
Vinyl Acetate	< 9.3	< 9.1	< 11	< 9.8	< 10	< 12	< 11	2,500	No
Vinyl Chloride	< 0.93	< 0.91	< 1.1	< 0.98	< 1.0	< 1.2	< 1.1	51	No
Sulfur Compounds									
Carbon Disulfide	< 5.5	< 5.3	< 5.6	< 5.8	< 5.9	< 6.8	< 6.4	800	No
Carbonyl Sulfide	< 8.2	< 7.9	< 8.4	< 8.6	< 8.8	< 10	< 9.7	10	No
Dimethyl Sulfide	< 8.9	< 8.6	< 9.1	< 9.4	< 9.6	< 11	< 11	1270 ⁽⁵⁾	No
Dimethyl Disulfide	< 6.8	< 6.5	< 6.9	< 7.1	< 7.2	< 8.4	< 8.0	39 ^(5,6)	No
Hydrogen Sulfide	< 3.7	< 3.6	< 3.8	< 3.9	< 3.9	< 4.6	< 4.3	28	No
Methyl Mercaptan	< 6.9	< 6.7	< 7.1	< 7.3	< 7.4	< 8.6	< 8.1	9.8 ^(5,6)	No

Notes:

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A reading of acrolein was marginally higher than its comparison criteria on 3/12-3/13. The reading was within the regional background level of 2 $\mu\text{g}/\text{m}^3$. A short-term reading above the comparison criteria does not mean there is a public health risk as these levels are established with a large margin of safety. Learn more about Ascon's air quality monitoring system at asconhb.com.