

No concentrations exceeded health-based screening levels

WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
1/13/2025 - 1/20/2025
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria (µg/m ³) ⁽¹⁾	Detection Exceeds Comparison
	FR-AA-01								
	1/13-1/14/2025	1/14-1/15/2025	1/15-1/16/2025	1/16-1/17/2025	1/17-1/18/2025	1/18-1/19/2025	1/19-1/20/2025		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
Volatile Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 0.95	< 1.1	< 0.99	< 1.1	< 1.1	< 0.71	< 0.93	3,800	No
1,1,2,2-Tetrachloroethane	< 0.99	< 1.2	< 1.0	< 1.2	< 1.1	< 0.73	< 0.97	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 1.0	< 1.2	< 1.1	< 1.2	< 1.1	< 0.75	< 0.98	11	No
1,1-Dichloroethane (Ethylene Dichloride)	< 0.95	< 1.1	< 0.99	< 1.1	< 1.1	< 0.71	< 0.93	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 0.82	< 0.99	< 0.86	< 0.97	< 0.91	< 0.61	< 0.81	4.0	No
1,2,4-Trimethylbenzene	< 0.95	< 1.1	< 0.99	< 1.1	< 1.1	< 0.71	< 0.93	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.38	< 0.46	< 0.40	< 0.45	< 0.42	< 0.29	< 0.38	1.9	No
1,2-Dichloropropane	< 0.99	< 1.2	< 1.0	< 1.2	< 1.1	< 0.73	< 0.97	9.2	No
1,3,5-Trimethylbenzene	< 0.99	< 1.2	< 1.0	< 1.2	< 1.1	< 0.73	< 0.97	4.0	No
1,3-Butadiene	< 0.97	< 1.2	< 1.0	< 1.1	< 1.1	< 0.72	< 0.95	2.0	No
1,4-Dichlorobenzene	< 0.95	< 1.1	< 0.99	< 1.1	< 1.1	< 0.71	< 0.93	1,200	No
1,4-Dioxane	< 0.95	< 1.1	< 0.99	< 1.1	< 1.1	< 0.71	< 0.93	720	No
2-Butanone (MEK)	< 1.9	< 2.2	< 1.9	< 2.2	< 2.1	< 1.4	< 1.8	5,200 ⁽³⁾	No
2-Hexanone	< 1.9	< 2.2	< 1.9	< 2.2	< 2.1	< 1.4	< 1.8	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 1.9	< 2.3	< 2.0	< 2.3	< 2.1	< 1.4	< 1.9	3,100 ⁽³⁾	No
Acetone	< 9.4	14	23	< 11	< 10	11	10	19,000 ⁽⁴⁾	No
Acrolein	< 0.57	< 0.68	< 0.59	< 0.67	< 0.63	0.79	< 0.55	0.92	No
Acrylonitrile	< 0.46	< 0.55	< 0.48	< 0.54	< 0.51	< 0.34	< 0.45	2.0	No
Benzene	< 0.93	< 1.1	1.3	< 1.1	< 1.0	1.1	< 0.91	19	No
Bromomethane	< 0.93	< 1.1	< 0.97	< 1.1	< 1.0	< 0.69	< 0.91	78	No
Carbon Disulfide	< 1.9	< 2.3	< 2.0	< 2.2	< 2.1	< 1.4	< 1.9	800	No
Carbon Tetrachloride	< 0.95	< 1.1	< 0.99	< 1.1	< 1.1	< 0.71	< 0.93	190	No
Chlorobenzene	< 0.99	< 1.2	< 1.0	< 1.2	< 1.1	< 0.73	< 0.97	1,000	No
Chloroethane (Ethyl Chloride)	< 1.0	< 1.2	< 1.1	< 1.2	< 1.1	< 0.75	< 0.98	34,000	No
Chloroform	< 0.99	< 1.2	< 1.0	< 1.2	< 1.1	< 0.73	< 0.97	3.9	No
Chloromethane	1.3	< 1.2	1.0	< 1.2	< 1.1	< 0.73	1.4	620	No
cis-1,2-Dichloroethene	< 0.95	< 1.1	< 0.99	< 1.1	< 1.1	< 0.71	< 0.93	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 0.95	< 1.1	< 0.99	< 1.1	< 1.1	< 0.71	< 0.93	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 0.84	1.7	2.7	< 0.99	< 0.93	< 0.63	< 0.82	1,000	No
Ethylbenzene	< 1.0	< 1.2	< 1.1	< 1.2	< 1.1	< 0.75	< 0.98	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.11	< 0.14	< 0.12	< 0.13	< 0.13	< 0.084	< 0.11	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.93	< 1.1	< 0.97	< 1.1	< 1.0	< 0.69	< 0.91	400	No
Isopropyl Alcohol (Isopropanol)	< 1.8	5.0	8.3	< 2.1	2.6	2.5	2.0	7,000	No
m,p-Xylenes	< 2.0	< 2.3	< 2.0	< 2.3	< 2.2	< 1.5	< 1.9	2,600	No
Methyl Methacrylate	< 1.9	< 2.3	< 2.0	< 2.3	< 2.1	< 1.4	< 1.9	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 0.99	< 1.2	< 1.0	< 1.2	< 1.1	< 0.73	< 0.97	3,600	No
Naphthalene	< 0.93	< 1.1	< 0.97	< 1.1	< 1.0	< 0.69	< 0.91	9.0	No
n-Hexane	< 0.97	< 1.2	1.2	< 1.1	< 1.1	< 0.72	< 0.95	1,400	No
n-Nonane	< 0.95	< 1.1	< 0.99	< 1.1	< 1.1	< 0.71	< 0.93	21 ⁽³⁾	No
o-Xylene	< 0.99	< 1.2	< 1.0	< 1.2	< 1.1	< 0.73	< 0.97	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 0.97	< 1.2	< 1.0	< 1.1	< 1.1	< 0.72	< 0.95	3,000	No
Styrene	< 0.97	< 1.2	< 1.0	< 1.1	< 1.1	< 0.72	< 0.95	900	No
Tetrachloroethene (PCE)	< 0.99	< 1.2	< 1.0	< 1.2	< 1.1	< 0.73	< 0.97	41	No
Toluene	< 0.99	2.0	3.4	1.3	< 1.1	2.0	1.1	420	No
Trichloroethene (TCE)	< 0.95	< 1.1	< 0.99	< 1.1	< 1.1	< 0.71	< 0.93	2.2	No
Trichlorofluoromethane (CFC 11)	1.0	1.3	0.97	< 1.1	1.3	1.0	0.97	1,300 ⁽²⁾	No
Trichlorotrifluoroethane	< 0.82	< 0.99	< 0.86	< 0.97	< 0.91	< 0.61	< 0.81	5,200 ⁽³⁾	No
Vinyl Acetate	< 9.8	< 12	< 10	< 12	< 11	< 7.3	< 9.6	2,500	No
Vinyl Chloride	< 0.97	< 1.2	< 1.0	< 1.1	< 1.1	< 0.72	< 0.95	51	No
Sulfur Compounds									
Carbon Disulfide	< 5.7	< 6.8	< 5.9	< 6.7	< 6.3	< 4.2	< 5.6	800	No
Carbonyl Sulfide	< 8.5	< 10	< 8.9	< 10	< 9.4	< 6.3	< 8.4	10	No
Dimethyl Sulfide	< 9.3	< 11	< 9.7	< 11	< 10	< 6.9	< 9.1	250 ⁽⁵⁾	No
Dimethyl Disulfide	< 7.0	< 8.4	< 7.4	< 8.3	< 7.8	< 5.2	< 6.9	39 ^(5,6)	No
Hydrogen Sulfide	< 3.8	13	< 4.0	< 4.5	< 4.2	< 2.8	< 3.7	28	No
Methyl Mercaptan	< 7.2	< 8.6	< 7.5	< 8.5	< 7.9	< 5.3	< 7.0	9.8 ^(5,6)	No

Notes:

c - 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/#/>

No concentrations exceeded health-based screening levels

WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
1/13/2025 - 1/20/2025
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria (µg/m ³) ⁽¹⁾	Detection Exceeds Comparison
	FR-AA-02								
	1/13-1/14/2025	1/14-1/15/2025	1/15-1/16/2025	1/16-1/17/2025	1/17-1/18/2025	1/18-1/19/2025	1/19-1/20/2025		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
Volatile Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 0.99	< 1.3	< 1.2	< 0.98	< 1.1	< 1.0	< 0.95	3,800	No
1,1,2,2-Tetrachloroethane	< 1.0	< 1.3	< 1.2	< 1.0	< 1.2	< 1.1	< 0.98	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 1.1	< 1.3	< 1.2	< 1.0	< 1.2	< 1.1	< 1.0	11	No
1,1-Dichloroethane (Ethylene Dichloride)	< 0.99	< 1.3	< 1.2	< 0.98	< 1.1	< 1.0	< 0.95	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 0.86	< 1.1	< 1.0	< 0.85	< 0.97	< 0.89	< 0.82	4.0	No
1,2,4-Trimethylbenzene	< 0.99	< 1.3	< 1.2	< 0.98	< 1.1	< 1.0	< 0.95	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.40	< 0.51	< 0.47	< 0.39	< 0.45	< 0.41	< 0.38	1.9	No
1,2-Dichloropropane	< 1.0	< 1.3	< 1.2	< 1.0	< 1.2	< 1.1	< 0.98	9.2	No
1,3,5-Trimethylbenzene	< 1.0	< 1.3	< 1.2	< 1.0	< 1.2	< 1.1	< 0.98	4.0	No
1,3-Butadiene	< 1.0	< 1.3	< 1.2	< 1.0	< 1.1	< 1.0	< 0.96	2.0	No
1,4-Dichlorobenzene	< 0.99	< 1.3	< 1.2	< 0.98	< 1.1	< 1.0	< 0.95	1,200	No
1,4-Dioxane	< 0.99	< 1.3	< 1.2	< 0.98	< 1.1	< 1.0	< 0.95	720	No
2-Butanone (MEK)	< 1.9	< 2.5	< 2.3	< 1.9	< 2.2	< 2.0	< 1.9	5,200 ⁽³⁾	No
2-Hexanone	< 1.9	< 2.5	< 2.3	< 1.9	< 2.2	< 2.0	< 1.9	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 2.0	< 2.6	< 2.3	< 2.0	< 2.3	< 2.1	< 1.9	3,100 ⁽³⁾	No
Acetone	< 9.8	14	24	< 9.6	< 11	11	< 9.3	19,000 ⁽⁴⁾	No
Acrolein	< 0.59	< 0.75	< 0.69	< 0.58	< 0.67	< 0.61	< 0.56	0.92	No
Acrylonitrile	< 0.48	< 0.61	< 0.56	< 0.47	< 0.54	< 0.49	< 0.46	2.0	No
Benzene	< 0.97	< 1.2	< 1.5	< 0.96	< 1.1	1.1	< 0.93	19	No
Bromomethane	< 0.97	< 1.2	< 1.1	< 0.96	< 1.1	< 1.0	< 0.93	78	No
Carbon Disulfide	< 2.0	< 2.5	< 2.3	< 2.0	< 2.2	< 2.0	< 1.9	800	No
Carbon Tetrachloride	< 0.99	< 1.3	< 1.2	< 0.98	< 1.1	< 1.0	< 0.95	190	No
Chlorobenzene	< 1.0	< 1.3	< 1.2	< 1.0	< 1.2	< 1.1	< 0.98	1,000	No
Chloroethane (Ethyl Chloride)	< 1.1	< 1.3	< 1.2	< 1.0	< 1.2	< 1.1	< 1.0	34,000	No
Chloroform	< 1.0	< 1.3	< 1.2	< 1.0	< 1.2	< 1.1	< 0.98	3.9	No
Chloromethane	1.4	< 1.3	1.4	< 1.0	< 1.2	< 1.1	1.3	620	No
cis-1,2-Dichloroethene	< 0.99	< 1.3	< 1.2	< 0.98	< 1.1	< 1.0	< 0.95	8.30 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 0.99	< 1.3	< 1.2	< 0.98	< 1.1	< 1.0	< 0.95	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 0.88	< 1.1	5.0	< 0.86	< 0.99	< 0.91	< 0.84	1,000	No
Ethylbenzene	< 1.1	< 1.3	< 1.2	< 1.0	< 1.2	< 1.1	< 1.0	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.12	< 0.15	< 0.14	< 0.12	< 0.13	< 0.12	< 0.11	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.97	< 1.2	< 1.1	< 0.96	< 1.1	< 1.0	< 0.93	400	No
Isopropyl Alcohol (Isopropanol)	< 1.9	4.9	8.9	2.1	2.7	2.9	< 1.8	7,000	No
m,p-Xylenes	< 2.0	< 2.6	< 2.4	< 2.0	< 2.3	< 2.1	< 1.9	2,600	No
Methyl Methacrylate	< 2.0	< 2.6	< 2.4	< 2.0	< 2.3	< 2.1	< 1.9	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 1.0	< 1.3	< 1.2	< 1.0	< 1.2	< 1.1	< 0.98	3,600	No
Naphthalene	< 0.97	< 1.2	< 1.1	< 0.96	< 1.1	< 1.0	< 0.93	9.0	No
n-Hexane	< 1.0	< 1.3	1.3	< 1.0	< 1.1	< 1.0	< 0.96	1,400	No
n-Nonane	< 0.99	< 1.3	< 1.2	< 0.98	< 1.1	< 1.0	< 0.95	21 ⁽³⁾	No
o-Xylene	< 1.0	< 1.3	< 1.2	< 1.0	< 1.2	< 1.1	< 0.98	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 1.0	< 1.3	< 1.2	< 1.0	< 1.1	< 1.0	< 0.96	3,000	No
Styrene	< 1.0	< 1.3	< 1.2	< 1.0	< 1.1	< 1.0	< 0.96	900	No
Tetrachloroethene (PCE)	< 1.0	< 1.3	< 1.2	< 1.0	< 1.2	< 1.1	< 0.98	41	No
Toluene	< 1.0	2.2	3.9	1.4	< 1.2	2.1	1.1	420	No
Trichloroethene (TCE)	< 0.99	< 1.3	< 1.2	< 0.98	< 1.1	< 1.0	< 0.95	2.2	No
Trichlorofluoromethane (CFC 11)	1.1	1.3	< 1.1	1.1	1.2	1.1	< 0.93	1,300 ⁽²⁾	No
Trichlorotrifluoroethane	< 0.86	< 1.1	< 1.0	< 0.85	< 0.97	< 0.89	< 0.82	5,200 ⁽³⁾	No
Vinyl Acetate	< 10	< 13	< 12	< 10	< 12	< 11	< 9.8	2,500	No
Vinyl Chloride	< 1.0	< 1.3	< 1.2	< 1.0	< 1.1	< 1.0	< 0.96	51	No
Sulfur Compounds									
Carbon Disulfide	< 5.9	< 7.6	< 6.2	< 5.9	< 6.7	< 6.1	< 5.7	800	No
Carbonyl Sulfide	< 8.9	< 11	< 9.2	< 8.8	< 10	< 9.2	< 8.5	10	No
Dimethyl Sulfide	< 9.7	< 12	< 10	< 9.6	< 11	< 10	< 9.2	250 ⁽⁵⁾	No
Dimethyl Disulfide	< 7.4	< 9.4	< 7.6	< 7.2	< 8.3	< 7.6	< 7.0	39 ^(5,6)	No
Hydrogen Sulfide	< 4.0	8.6	< 4.1	< 3.9	< 4.5	< 4.1	< 3.8	28	No
Methyl Mercaptan	< 7.5	< 9.6	< 7.8	< 7.4	< 8.5	< 7.7	< 7.2	9.8 ^(5,6)	No

Notes:

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(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/#/>

No concentrations exceeded health-based screening levels

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SUMMARY OF LABORATORY DATA
1/13/2025 - 1/20/2025
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria ($\mu\text{g}/\text{m}^3$) ⁽¹⁾	Detection Exceeds Comparison
	FR-AA-03								
	1/13-1/14/2025	1/14-1/15/2025	1/15-1/16/2025	1/16-1/17/2025	1/17-1/18/2025	1/18-1/19/2025	1/19-1/20/2025		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
Volatile Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 1.1	< 0.96	< 1.1	< 1.0	< 0.93	< 1.1	< 0.93	3,800	No
1,1,2,2-Tetrachloroethane	< 1.2	< 0.99	< 1.1	< 1.0	< 0.96	< 1.1	< 0.96	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 1.2	< 1.0	< 1.1	< 1.1	< 0.98	< 1.1	< 0.98	11	No
1,1-Dichloroethane (Ethylene Dichloride)	< 1.1	< 0.96	< 1.1	< 1.0	< 0.93	< 1.1	< 0.93	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 0.99	< 0.83	< 0.94	< 0.86	< 0.80	< 0.92	< 0.80	4.0	No
1,2,4-Trimethylbenzene	< 1.1	< 0.96	< 1.1	< 1.0	< 0.93	< 1.1	< 0.93	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.46	< 0.39	< 0.44	< 0.40	< 0.37	< 0.43	< 0.37	1.9	No
1,2-Dichloropropane	< 1.2	< 0.99	< 1.1	< 1.0	< 0.96	< 1.1	< 0.96	9.2	No
1,3,5-Trimethylbenzene	< 1.2	< 0.99	< 1.1	< 1.0	< 0.96	< 1.1	< 0.96	4.0	No
1,3-Butadiene	< 1.2	< 0.98	< 1.1	< 1.0	< 0.94	< 1.1	< 0.94	2.0	No
1,4-Dichlorobenzene	< 1.1	< 0.96	< 1.1	< 1.0	< 0.93	< 1.1	< 0.93	1,200	No
1,4-Dioxane	< 1.1	< 0.96	< 1.1	< 1.0	< 0.93	< 1.1	< 0.93	720	No
2-Butanone (MEK)	< 2.3	< 1.9	< 2.1	< 2.0	< 1.8	< 2.1	< 1.8	5,200 ⁽³⁾	No
2-Hexanone	< 2.3	< 1.9	< 2.1	< 2.0	< 1.8	< 2.1	< 1.8	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 2.3	< 1.9	< 2.2	< 2.0	< 1.9	< 2.1	< 1.9	3,100 ⁽³⁾	No
Acetone	< 11	14	26	< 9.8	< 9.1	12	9.8	19,000 ⁽⁴⁾	No
Acrolein	< 0.69	< 0.57	< 0.64	< 0.60	< 0.55	< 0.63	< 0.55	0.92	No
Acrylonitrile	< 0.55	< 0.46	< 0.52	< 0.48	< 0.45	< 0.51	< 0.45	2.0	No
Benzene	< 1.1	1.0	1.6	< 0.98	< 0.91	1.1	< 0.91	19	No
Bromomethane	< 1.1	< 0.94	< 1.1	< 0.98	< 0.91	< 1.0	< 0.91	78	No
Carbon Disulfide	< 2.3	< 1.9	< 2.2	< 2.0	< 1.9	< 2.1	< 1.9	800	No
Carbon Tetrachloride	< 1.1	< 0.96	< 1.1	< 1.0	< 0.93	< 1.1	< 0.93	190	No
Chlorobenzene	< 1.2	< 0.99	< 1.1	< 1.0	< 0.96	< 1.1	< 0.96	1,000	No
Chloroethane (Ethyl Chloride)	< 1.2	< 1.0	< 1.1	< 1.1	< 0.98	< 1.1	< 0.98	34,000	No
Chloroform	< 1.2	< 0.99	< 1.1	< 1.0	< 0.96	< 1.1	< 0.96	3.9	No
Chloromethane	1.3	< 0.99	1.6	< 1.0	< 0.96	< 1.1	1.4	620	No
cis-1,2-Dichloroethene	< 1.1	< 0.96	< 1.1	< 1.0	< 0.93	< 1.1	< 0.93	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 1.1	< 0.96	< 1.1	< 1.0	< 0.93	< 1.1	< 0.93	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 1.0	0.94	4.3	0.90	< 0.82	< 0.94	< 0.82	1,000	No
Ethylbenzene	< 1.2	< 1.0	< 1.1	< 1.1	< 0.98	< 1.1	< 0.98	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.14	< 0.11	< 0.13	< 0.12	< 0.11	< 0.13	< 0.11	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 1.1	< 0.94	< 1.1	< 0.98	< 0.91	< 1.0	< 0.91	400	No
Isopropyl Alcohol (Isopropanol)	< 2.2	4.9	8.6	2.7	2.7	2.9	2.4	7,000	No
m,p-Xylenes	< 2.4	< 2.0	< 2.2	< 2.1	< 1.9	< 2.2	< 1.9	2,600	No
Methyl Methacrylate	< 2.3	< 2.0	< 2.2	< 2.0	< 1.9	< 2.2	< 1.9	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 1.2	< 0.99	< 1.1	< 1.0	< 0.96	< 1.1	< 0.96	3,600	No
Naphthalene	< 1.1	< 0.94	< 1.1	< 0.98	< 0.91	< 1.0	< 0.91	9.0	No
n-Hexane	< 1.2	1.1	1.3	< 1.0	< 0.94	< 1.1	< 0.94	1,400	No
n-Nonane	< 1.1	< 0.96	< 1.1	< 1.0	< 0.93	< 1.1	< 0.93	21 ⁽³⁾	No
o-Xylene	< 1.2	< 0.99	< 1.1	< 1.0	< 0.96	< 1.1	< 0.96	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 1.2	< 0.98	< 1.1	< 1.0	< 0.94	< 1.1	< 0.94	3,000	No
Styrene	< 1.2	< 0.98	< 1.1	< 1.0	< 0.94	< 1.1	< 0.94	900	No
Tetrachloroethene (PCE)	< 1.2	< 0.99	< 1.1	< 1.0	< 0.96	< 1.1	< 0.96	41	No
Toluene	< 1.2	2.1	4.0	1.5	1.1	2.1	1.5	420	No
Trichloroethene (TCE)	< 1.1	< 0.96	< 1.1	< 1.0	< 0.93	< 1.1	< 0.93	2.2	No
Trichlorofluoromethane (CFC 11)	< 1.1	1.3	1.1	1.1	1.3	1.1	1.0	1,300 ⁽²⁾	No
Trichlorotrifluoroethane	< 0.99	< 0.83	< 0.94	< 0.86	< 0.80	< 0.92	< 0.80	5,200 ⁽³⁾	No
Vinyl Acetate	< 12	< 9.9	< 11	< 10	< 9.6	< 11	< 9.6	2,500	No
Vinyl Chloride	< 1.2	< 0.98	< 1.1	< 1.0	< 0.94	< 1.1	< 0.94	51	No
Sulfur Compounds									
Carbon Disulfide	< 6.0	< 5.7	< 5.7	< 6.0	< 5.5	< 6.4	< 5.5	800	No
Carbonyl Sulfide	< 9.0	< 8.6	< 8.5	< 9.0	< 8.3	< 9.5	< 8.3	10	No
Dimethyl Sulfide	< 9.8	< 9.3	< 9.3	< 9.8	< 9.0	< 10	< 9.0	250 ⁽⁵⁾	No
Dimethyl Disulfide	< 7.4	< 7.1	< 7.0	< 7.4	< 6.9	< 7.9	< 6.9	39 ^(5,6)	No
Hydrogen Sulfide	< 4.0	< 3.8	< 3.8	< 4.0	< 3.7	< 4.3	< 3.7	28	No
Methyl Mercaptan	< 7.6	< 7.2	< 7.2	< 7.6	< 7.0	< 8.0	< 7.0	9.8 ^(5,6)	No

Notes:

c - 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/#/>

No concentrations exceeded health-based screening levels

WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
1/13/2025 - 1/20/2025
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria (µg/m ³) ⁽¹⁾	Detection Exceeds Comparison
	FR-AA-04								
	1/13-1/14/2025	1/14-1/15/2025	1/15-1/16/2025	1/16-1/17/2025	1/17-1/18/2025	1/18-1/19/2025	1/19-1/20/2025		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
Volatle Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 1.2	< 0.93	< 1.1	< 0.81	< 0.95	< 0.91	< 0.97	3,800	No
1,1,2,2-Tetrachloroethane	< 1.3	< 0.96	< 1.1	< 0.84	< 0.99	< 0.95	< 1.0	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 1.3	< 0.98	< 1.2	< 0.86	< 1.0	< 0.96	< 1.0	11	No
1,1-Dichloroethane (Ethylidene Dichloride)	< 1.2	< 0.93	< 1.1	< 0.81	< 0.95	< 0.91	< 0.97	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 1.0	< 0.80	< 0.95	< 0.70	< 0.82	< 0.79	< 0.84	4.0	No
1,2,4-Trimethylbenzene	< 1.2	< 0.93	< 1.1	< 0.81	< 0.95	< 0.91	< 0.97	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.49	< 0.37	< 0.44	< 0.33	< 0.38	< 0.37	< 0.39	1.9	No
1,2-Dichloropropane	< 1.3	< 0.96	< 1.1	< 0.84	< 0.99	< 0.95	< 1.0	9.2	No
1,3,5-Trimethylbenzene	< 1.3	< 0.96	< 1.1	< 0.84	< 0.99	< 0.95	< 1.0	4.0	No
1,3-Butadiene	< 1.2	< 0.94	< 1.1	< 0.83	< 0.97	< 0.93	< 0.99	2.0	No
1,4-Dichlorobenzene	< 1.2	< 0.93	< 1.1	< 0.81	< 0.95	< 0.91	< 0.97	1,200	No
1,4-Dioxane	< 1.2	< 0.93	< 1.1	< 0.81	< 0.95	< 0.91	< 0.97	720	No
2-Butanone (MEK)	< 2.4	< 1.8	< 2.2	< 1.6	< 1.9	< 1.8	< 1.9	5,200 ⁽³⁾	No
2-Hexanone	< 2.4	< 1.8	< 2.2	< 1.6	< 1.9	< 1.8	< 1.9	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 2.4	< 1.9	< 2.2	< 1.6	< 1.9	< 1.8	< 2.0	3,100 ⁽³⁾	No
Acetone	< 12	14	25	9.2	< 9.4	11	9.8	19,000 ⁽⁴⁾	No
Acrolein	< 0.72	< 0.55	< 0.65	< 0.48	< 0.57	< 0.54	< 0.58	0.92	No
Acrylonitrile	< 0.58	< 0.45	< 0.53	< 0.39	< 0.46	< 0.44	< 0.47	2.0	No
Benzene	< 1.2	1.0	1.6	1.1	< 0.93	1.0	< 0.95	19	No
Bromomethane	< 1.2	< 0.91	< 1.1	< 0.80	< 0.93	< 0.89	< 0.95	78	No
Carbon Disulfide	< 2.4	< 1.9	< 2.2	< 1.6	< 1.9	< 1.8	< 1.9	800	No
Carbon Tetrachloride	< 1.2	< 0.93	< 1.1	< 0.81	< 0.95	< 0.91	< 0.97	190	No
Chlorobenzene	< 1.3	< 0.96	< 1.1	< 0.84	< 0.99	< 0.95	< 1.0	1,000	No
Chloroethane (Ethyl Chloride)	< 1.3	< 0.98	< 1.2	< 0.86	< 1.0	< 0.96	< 1.0	34,000	No
Chloroform	< 1.3	< 0.96	< 1.1	< 0.84	< 0.99	< 0.95	< 1.0	3.9	No
Chloromethane	1.4	< 0.96	1.5	< 0.84	< 0.99	< 0.95	1.4	620	No
cis-1,2-Dichloroethene	< 1.2	< 0.93	< 1.1	< 0.81	< 0.95	< 0.91	< 0.97	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 1.2	< 0.93	< 1.0	< 0.81	< 0.95	< 0.91	< 0.97	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 1.1	0.97	4.3	0.83	< 0.84	< 0.81	< 0.86	1,000	No
Ethylbenzene	< 1.3	< 0.98	< 1.2	< 0.86	< 1.0	< 0.96	< 1.0	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.14	< 0.11	< 0.13	< 0.097	< 0.11	< 0.11	< 0.12	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 1.2	< 0.91	< 1.1	< 0.80	< 0.93	< 0.89	< 0.95	400	No
Isopropyl Alcohol (Isopropanol)	< 2.3	4.7	8.5	2.8	2.7	2.8	2.0	7,000	No
m,p-Xylenes	< 2.5	< 1.9	< 2.3	< 1.7	< 2.0	< 1.9	< 2.0	2,600	No
Methyl Methacrylate	< 2.5	< 1.9	< 2.3	< 1.7	< 1.9	< 1.9	< 2.0	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 1.3	< 0.96	< 1.1	< 0.84	< 0.99	< 0.95	< 1.0	3,600	No
Naphthalene	< 1.2	< 0.91	< 1.1	< 0.80	< 0.93	< 0.89	< 0.95	9.0	No
n-Hexane	< 1.2	1.0	1.3	< 0.83	< 0.97	< 0.93	< 0.99	1,400	No
n-Nonane	< 1.2	< 0.93	< 1.1	< 0.81	< 0.95	< 0.91	< 0.97	21 ⁽³⁾	No
o-Xylene	< 1.3	< 0.96	< 1.1	< 0.84	< 0.99	< 0.95	< 1.0	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 1.2	< 0.94	< 1.1	< 0.83	< 0.97	< 0.93	< 0.99	3,000	No
Styrene	< 1.2	< 0.94	< 1.1	< 0.83	< 0.97	< 0.93	< 0.99	900	No
Tetrachloroethene (PCE)	< 1.3	< 0.96	< 1.1	< 0.84	< 0.99	< 0.95	< 1.0	41	No
Toluene	< 1.3	2.1	4.0	2.6	1.1	2.0	1.3	420	No
Trichloroethene (TCE)	< 1.2	< 0.93	< 1.1	< 0.81	< 0.95	< 0.91	< 0.97	2.2	No
Trichlorofluoromethane (CFC 11)	< 1.2	1.3	1.1	1.1	1.3	1.1	1.1	1,300 ⁽²⁾	No
Trichlorotrifluoroethane	< 1.0	< 0.80	< 0.95	< 0.70	< 0.82	< 0.79	< 0.84	5,200 ⁽³⁾	No
Vinyl Acetate	< 13	< 9.6	< 11	< 8.4	< 9.8	< 9.4	< 10	2,500	No
Vinyl Chloride	< 1.2	< 0.94	< 1.1	< 0.83	< 0.97	< 0.93	< 0.99	51	No
Sulfur Compounds									
Carbon Disulfide	< 6.3	< 5.5	< 5.9	< 4.9	< 5.7	< 5.4	< 5.8	800	No
Carbonyl Sulfide	< 9.5	< 8.3	< 8.8	< 7.3	< 8.5	< 8.2	< 8.7	10	No
Dimethyl Sulfide	< 10	< 9.0	< 9.6	< 7.9	< 9.3	< 8.9	< 9.5	250 ⁽⁵⁾	No
Dimethyl Disulfide	< 7.8	< 6.9	< 7.2	< 6.0	< 7.0	< 6.7	< 7.2	39 ^(5,6)	No
Hydrogen Sulfide	< 4.2	< 3.7	< 3.9	< 3.3	< 3.8	< 3.7	< 3.9	28	No
Methyl Mercaptan	< 8.0	< 7.0	< 7.4	< 6.1	< 7.2	< 6.9	< 7.4	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/#/>

No concentrations exceeded health-based screening levels

WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
1/13/2025 - 1/20/2025
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria ($\mu\text{g}/\text{m}^3$) ⁽¹⁾	Detection Exceeds Comparison
	FR-AA-05								
	1/13-1/14/2025	1/14-1/15/2025	1/15-1/16/2025	1/16-1/17/2025	1/17-1/18/2025	1/18-1/19/2025	1/19-1/20/2025		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
Volatile Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 1.3	< 0.88	< 1.1	< 0.94	< 0.86	< 0.91	< 0.94	3,800	No
1,1,2,2-Tetrachloroethane	< 1.4	< 0.92	< 1.2	< 0.97	< 0.89	< 0.95	< 0.98	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 1.4	< 0.94	< 1.2	< 0.99	< 0.91	< 0.96	< 1.0	11	No
1,1-Dichloroethane (Ethylidene Dichloride)	< 1.3	< 0.88	< 1.1	< 0.94	< 0.86	< 0.91	< 0.94	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 1.1	< 0.77	< 0.97	< 0.81	< 0.74	< 0.79	< 0.81	4.0	No
1,2,4-Trimethylbenzene	< 1.3	< 0.88	< 1.1	< 0.94	< 0.86	< 0.91	< 0.94	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.53	< 0.36	< 0.45	< 0.38	< 0.35	< 0.37	< 0.38	1.9	No
1,2-Dichloropropane	< 1.4	< 0.92	< 1.2	< 0.97	< 0.89	< 0.95	< 0.98	9.2	No
1,3,5-Trimethylbenzene	< 1.4	< 0.92	< 1.2	< 0.97	< 0.89	< 0.95	< 0.98	4.0	No
1,3-Butadiene	< 1.3	< 0.90	< 1.1	< 0.95	< 0.87	< 0.93	< 0.96	2.0	No
1,4-Dichlorobenzene	< 1.3	< 0.88	< 1.1	< 0.94	< 0.86	< 0.91	< 0.94	1,200	No
1,4-Dioxane	< 1.3	< 0.88	< 1.1	< 0.94	< 0.86	< 0.91	< 0.94	720	No
2-Butanone (MEK)	< 2.6	< 1.7	< 2.2	< 1.8	< 1.7	< 1.8	< 1.8	5,200 ⁽³⁾	No
2-Hexanone	< 2.6	< 1.7	< 2.2	< 1.8	< 1.7	< 1.8	< 1.8	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 2.7	< 1.8	< 2.3	< 1.9	< 1.7	< 1.8	< 1.9	3,100 ⁽³⁾	No
Acetone	< 13	13	22	10	9.9	11	13	19,000 ⁽⁴⁾	No
Acrolein	< 0.78	< 0.53	< 0.67	< 0.56	< 0.51	< 0.54	< 0.56	0.92	No
Acrylonitrile	< 0.63	< 0.43	< 0.54	< 0.45	< 0.41	< 0.44	< 0.45	2.0	No
Benzene	< 1.3	1.0	1.5	1.5	< 0.84	1.3	< 0.92	19	No
Bromomethane	< 1.3	< 0.87	< 1.1	< 0.92	< 0.84	< 0.89	< 0.92	78	No
Carbon Disulfide	< 2.6	< 1.8	< 2.2	< 1.9	< 1.7	< 1.8	< 1.9	800	No
Carbon Tetrachloride	< 1.3	< 0.88	< 1.1	< 0.94	< 0.86	< 0.91	< 0.94	190	No
Chlorobenzene	< 1.4	< 0.92	< 1.2	< 0.97	< 0.89	< 0.95	< 0.98	1,000	No
Chloroethane (Ethyl Chloride)	< 1.4	< 0.94	< 1.2	< 0.99	< 0.91	< 0.96	< 1.0	34,000	No
Chloroform	< 1.4	< 0.92	< 1.2	< 0.97	< 0.89	< 0.95	< 0.98	3.9	No
Chloromethane	1.4	< 0.92	1.4	< 0.97	< 0.89	< 0.95	1.4	620	No
cis-1,2-Dichloroethene	< 1.3	< 0.88	< 1.1	< 0.94	< 0.86	< 0.91	< 0.94	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 1.3	< 0.88	< 1.1	< 0.94	< 0.86	< 0.91	< 0.94	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 1.2	< 0.78	4.7	< 0.83	< 0.76	< 0.81	< 0.83	1,000	No
Ethylbenzene	< 1.4	< 0.94	< 1.2	< 0.99	< 0.91	< 0.96	< 1.0	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.16	< 0.11	< 0.13	< 0.11	< 0.10	< 0.11	< 0.11	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 1.3	< 0.87	< 1.1	< 0.92	< 0.84	< 0.89	< 0.92	400	No
Isopropyl Alcohol (Isopropanol)	< 2.5	4.5	8.3	2.8	2.7	3.1	2.9	7,000	No
m,p-Xylenes	< 2.7	< 1.8	< 2.3	< 1.9	< 1.8	< 1.9	< 1.9	2,600	No
Methyl Methacrylate	< 2.7	< 1.8	< 2.3	< 1.9	< 1.7	< 1.9	< 1.9	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 1.4	< 0.92	< 1.2	< 0.97	< 0.89	< 0.95	< 0.98	3,600	No
Naphthalene	< 1.3	< 0.87	< 1.1	< 0.92	< 0.84	< 0.89	< 0.92	9.0	No
n-Hexane	< 1.3	1.0	1.2	< 0.95	< 0.87	< 0.93	< 0.96	1,400	No
n-Nonane	< 1.3	< 0.88	< 1.1	< 0.94	< 0.86	< 0.91	< 0.94	21 ⁽³⁾	No
o-Xylene	< 1.4	< 0.92	< 1.2	< 0.97	< 0.89	< 0.95	< 0.98	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 1.3	< 0.90	< 1.1	< 0.95	< 0.87	< 0.93	< 0.96	3,000	No
Styrene	< 1.3	< 0.90	< 1.1	< 0.95	< 0.87	< 0.93	< 0.96	900	No
Tetrachloroethene (PCE)	< 1.4	< 0.92	< 1.2	< 0.97	< 0.89	< 0.95	< 0.98	41	No
Toluene	< 1.4	2.0	3.8	4.0	1.1	2.8	1.2	420	No
Trichloroethene (TCE)	< 1.3	< 0.88	< 1.1	< 0.94	< 0.86	< 0.91	< 0.94	2.2	No
Trichlorofluoromethane (CFC 11)	< 1.3	1.3	1.1	1.1	1.3	1.1	1.0	1,300 ⁽²⁾	No
Trichlorotrifluoroethane	< 1.1	< 0.77	< 0.97	< 0.81	< 0.74	< 0.79	< 0.81	5,200 ⁽³⁾	No
Vinyl Acetate	< 14	< 9.1	< 12	< 9.7	< 8.9	< 9.4	< 9.7	2,500	No
Vinyl Chloride	< 1.3	< 0.90	< 1.1	< 0.95	< 0.87	< 0.93	< 0.96	51	No
Sulfur Compounds									
Carbon Disulfide	< 7.0	< 5.3	< 6.0	< 5.6	< 5.1	< 5.4	< 5.6	800	No
Carbonyl Sulfide	< 10	< 7.9	< 9.0	< 8.4	< 7.7	< 8.2	< 8.4	10	No
Dimethyl Sulfide	< 11	< 8.6	< 9.8	< 9.1	< 8.4	< 8.9	< 9.2	250 ⁽⁵⁾	No
Dimethyl Disulfide	< 8.6	< 6.5	< 7.4	< 6.9	< 6.4	< 6.7	< 7.0	39 ^(5,6)	No
Hydrogen Sulfide	< 4.7	< 3.6	< 4.0	< 3.8	< 3.4	< 3.7	< 3.8	28	No
Methyl Mercaptan	< 8.8	< 6.7	< 7.6	< 7.1	< 6.5	< 6.9	< 7.1	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).

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(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/#/>

No concentrations exceeded health-based screening levels

WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
1/13/2025 - 1/20/2025
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria (µg/m ³) ⁽¹⁾	Detection Exceeds Comparison
	FR-AA-06								
	1/13-1/14/2025	1/14-1/15/2025	1/15-1/16/2025	1/16-1/17/2025	1/17-1/18/2025	1/18-1/19/2025	1/19-1/20/2025		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
Volatile Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 1.1	< 0.95	< 1.1	< 1.0	< 0.98	< 0.98	< 0.86	3,800	No
1,1,2,2-Tetrachloroethane	< 1.2	< 0.99	< 1.2	< 1.0	< 1.0	< 1.0	< 0.90	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 1.2	< 1.0	< 1.2	< 1.1	< 1.0	< 1.0	< 0.91	11	No
1,1-Dichloroethane (Ethylene Dichloride)	< 1.1	< 0.95	< 1.1	< 1.0	< 0.98	< 0.98	< 0.86	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 0.98	< 0.82	< 0.98	< 0.87	< 0.85	< 0.85	< 0.75	4.0	No
1,2,4-Trimethylbenzene	< 1.1	< 0.95	< 1.1	< 1.0	< 0.98	< 0.98	< 0.86	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.46	< 0.38	< 0.46	< 0.41	< 0.40	< 0.39	< 0.35	1.9	No
1,2-Dichloropropane	< 1.2	< 0.99	< 1.2	< 1.0	< 1.0	< 1.0	< 0.90	9.2	No
1,3,5-Trimethylbenzene	< 1.2	< 0.99	< 1.2	< 1.0	< 1.0	< 1.0	< 0.90	4.0	No
1,3-Butadiene	< 1.2	< 0.97	< 1.2	< 1.0	< 1.0	< 1.0	< 0.88	2.0	No
1,4-Dichlorobenzene	< 1.1	< 0.95	< 1.1	< 1.0	< 0.98	< 0.98	< 0.86	1,200	No
1,4-Dioxane	< 1.1	< 0.95	< 1.1	< 1.0	< 0.98	< 0.98	< 0.86	720	No
2-Butanone (MEK)	< 2.2	< 1.9	< 2.2	< 2.0	< 1.9	< 1.9	< 1.7	5,200 ⁽³⁾	No
2-Hexanone	< 2.2	< 1.9	< 2.2	< 2.0	< 1.9	< 1.9	< 1.7	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 2.3	< 1.9	< 2.3	< 2.0	< 2.0	< 2.0	< 1.7	3,100 ⁽³⁾	No
Acetone	< 11	15	28	< 9.9	< 9.7	12	8.9	19,000 ⁽⁴⁾	No
Acrolein	< 0.67	< 0.57	< 0.68	< 0.60	< 0.59	< 0.58	< 0.51	0.92	No
Acrylonitrile	< 0.54	< 0.46	< 0.55	< 0.49	< 0.47	< 0.47	< 0.42	2.0	No
Benzene	< 1.1	0.95	1.8	< 0.99	< 0.96	1.1	< 0.85	19	No
Bromomethane	< 1.1	< 0.93	< 1.1	< 0.99	< 0.96	< 0.96	< 0.85	78	No
Carbon Disulfide	< 2.3	< 1.9	< 2.3	< 2.0	< 2.0	< 2.0	< 1.7	800	No
Carbon Tetrachloride	< 1.1	< 0.95	< 1.1	< 1.0	< 0.98	< 0.98	< 0.86	190	No
Chlorobenzene	< 1.2	< 0.99	< 1.2	< 1.0	< 1.0	< 1.0	< 0.90	1,000	No
Chloroethane (Ethyl Chloride)	< 1.2	< 1.0	< 1.2	< 1.1	< 1.0	< 1.0	< 0.91	34,000	No
Chloroform	< 1.2	< 0.99	< 1.2	< 1.0	< 1.0	< 1.0	< 0.90	3.9	No
Chloromethane	1.3	< 0.99	1.4	< 1.0	< 1.0	< 1.0	1.4	620	No
cis-1,2-Dichloroethene	< 1.1	< 0.95	< 1.1	< 1.0	< 0.98	< 0.98	< 0.86	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 1.1	< 0.95	< 1.1	< 1.0	< 0.98	< 0.98	< 0.86	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 1.0	< 0.84	3.3	0.93	< 0.87	< 0.86	< 0.76	1,000	No
Ethylbenzene	< 1.2	< 1.0	< 1.2	< 1.1	< 1.0	< 1.0	< 0.91	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.13	< 0.11	< 0.14	< 0.12	< 0.12	< 0.12	< 0.10	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 1.1	< 0.93	< 1.1	< 0.99	< 0.96	< 0.96	< 0.85	400	No
Isopropyl Alcohol (Isopropanol)	< 2.1	4.9	7.4	3.0	2.9	3.0	2.5	7,000	No
m,p-Xylenes	< 2.3	< 2.0	2.9	< 2.1	< 2.0	< 2.0	< 1.8	2,600	No
Methyl Methacrylate	< 2.3	< 1.9	< 2.3	< 2.1	< 2.0	< 2.0	< 1.8	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 1.2	< 0.99	< 1.2	< 1.0	< 1.0	< 1.0	< 0.90	3,600	No
Naphthalene	< 1.1	< 0.93	< 1.1	< 0.99	< 0.96	< 0.96	< 0.85	9.0	No
n-Hexane	< 1.2	1.0	2.2	< 1.0	< 1.0	< 1.0	< 0.88	1,400	No
n-Nonane	< 1.1	< 0.95	< 1.1	< 1.0	< 0.98	< 0.98	< 0.86	21 ⁽³⁾	No
o-Xylene	< 1.2	< 0.99	< 1.2	< 1.0	< 1.0	< 1.0	< 0.90	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 1.2	< 0.97	< 1.2	< 1.0	< 1.0	< 1.0	< 0.88	3,000	No
Styrene	< 1.2	< 0.97	< 1.2	< 1.0	< 1.0	< 1.0	< 0.88	900	No
Tetrachloroethene (PCE)	< 1.2	< 0.99	< 1.2	< 1.0	< 1.0	< 1.0	< 0.90	41	No
Toluene	< 1.2	2.0	5.3	1.5	< 1.0	2.2	1.4	420	No
Trichloroethene (TCE)	< 1.1	< 0.95	< 1.1	< 1.0	< 0.98	< 0.98	< 0.86	2.2	No
Trichlorofluoromethane (CFC 11)	< 1.1	1.4	< 1.1	1.1	1.3	1.1	1.1	1,300 ⁽²⁾	No
Trichlorotrifluoroethane	< 0.98	< 0.82	< 0.98	< 0.87	< 0.85	< 0.85	< 0.75	5,200 ⁽³⁾	No
Vinyl Acetate	< 12	< 9.8	< 12	< 10	< 10	< 10	< 8.9	2,500	No
Vinyl Chloride	< 1.2	< 0.97	< 1.2	< 1.0	< 1.0	< 1.0	< 0.88	51	No
Sulfur Compounds									
Carbon Disulfide	< 5.9	< 5.7	< 6.0	< 6.0	< 5.9	< 5.9	< 5.2	800	No
Carbonyl Sulfide	< 8.8	< 8.5	< 9.0	< 9.1	< 8.8	< 8.8	< 7.7	10	No
Dimethyl Sulfide	< 9.6	< 9.3	< 9.8	< 9.9	< 9.6	< 9.6	< 8.4	250 ⁽⁵⁾	No
Dimethyl Disulfide	< 7.3	< 7.0	< 7.4	< 7.5	< 7.3	< 7.2	< 6.4	39 ^(5,6)	No
Hydrogen Sulfide	< 3.9	< 3.8	< 4.0	< 4.1	< 3.9	< 3.9	< 3.5	28	No
Methyl Mercaptan	< 7.4	< 7.2	< 7.6	< 7.6	< 7.4	< 7.4	< 6.5	9.8 ^(5,6)	No

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