

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 ($\mu\text{g}/\text{m}^3$) ⁽¹⁾	Detection Exceeds Comparison
	COM-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)	< 0.72	< 0.96	< 0.95	< 0.92	< 0.94	< 1.9	< 0.96	3,800	No
1,1,2,2-Tetrachloroethane	< 0.75	< 1.0	< 0.99	< 0.96	< 0.99	< 2.0	< 1.0	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 0.76	< 1.0	< 1.0	< 0.98	< 1.0	< 2.1	< 1.0	11	No
1,1-Dichloroethane (Ethylidene Dichloride)	< 0.72	< 0.96	< 0.95	< 0.92	< 0.94	< 1.9	< 0.96	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 0.63	< 0.85	< 0.84	< 0.81	< 0.83	< 1.7	< 0.85	4.0	No
1,2,4-Trimethylbenzene	< 0.73	< 0.98	< 0.97	< 0.93	< 0.96	< 2.0	< 0.98	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.29	< 0.39	< 0.39	< 0.37	< 0.38	< 0.79	< 0.39	1.9	No
1,2-Dichloropropane	< 0.74	< 1.0	< 0.98	< 0.95	< 0.98	< 2.0	< 1.0	9.2	No
1,3,5-Trimethylbenzene	< 0.75	< 1.0	< 0.99	< 0.96	< 0.99	< 2.0	< 1.0	4.0	No
1,3-Butadiene	< 0.74	< 0.99	< 0.98	< 0.94	< 0.97	< 2.0	< 0.99	2.0	No
1,4-Dichlorobenzene	< 0.73	< 0.98	< 0.97	< 0.93	< 0.96	< 2.0	< 0.98	1,200	No
1,4-Dioxane	< 0.74	< 0.99	< 0.98	< 0.94	< 0.97	< 2.0	< 0.99	720	No
2-Butanone (MEK)	< 1.4	< 1.9	< 1.9	< 1.8	< 1.9	< 3.8	< 1.9	5,200 ⁽³⁾	No
2-Hexanone	< 1.4	< 1.9	< 1.9	< 1.9	< 1.9	< 3.9	< 1.9	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 1.5	< 2.0	< 1.9	< 1.9	< 1.9	< 3.9	< 2.0	3,100 ⁽³⁾	No
Acetone	< 7.1	< 9.5	< 9.4	< 9.1	< 9.4	< 19	< 9.5	19,000 ⁽⁴⁾	No
Acrolein	< 0.43	< 0.58	< 0.57	< 0.55	< 0.57	< 1.2	< 0.58	0.92	No
Acrylonitrile	< 0.35	< 0.47	< 0.46	0.62	< 0.46	< 0.94	< 0.47	2.0	No
Benzene	< 0.71	< 0.95	< 0.94	< 0.91	< 0.93	< 1.9	< 0.95	19	No
Bromomethane	< 0.71	< 0.95	< 0.94	< 0.91	< 0.93	< 1.9	< 0.95	78	No
Carbon Disulfide	< 1.4	< 1.9	< 1.9	< 1.8	< 1.9	< 3.9	< 1.9	800	No
Carbon Tetrachloride	< 0.71	< 0.95	< 0.94	< 0.91	< 0.93	< 1.9	< 0.95	190	No
Chlorobenzene	< 0.74	< 1.0	< 0.98	< 0.95	< 0.98	< 2.0	< 1.0	1,000	No
Chloroethane (Ethyl Chloride)	< 0.76	< 1.0	< 1.0	< 0.98	< 1.0	< 2.1	< 1.0	34,000	No
Chloroform	< 0.74	< 0.99	< 0.98	< 0.94	< 0.97	< 2.0	< 0.99	3.9	No
Chloromethane	< 0.74	1.5	1.6	< 0.94	< 0.97	< 2.0	1.6	620	No
cis-1,2-Dichloroethene	< 0.72	< 0.96	< 0.95	< 0.92	< 0.94	< 1.9	< 0.96	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 0.73	< 0.98	< 0.97	< 0.93	< 0.96	< 2.0	< 0.98	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 0.63	< 0.85	< 0.84	< 0.81	< 0.83	< 1.7	< 0.85	1,000	No
Ethylbenzene	< 0.76	< 1.0	< 1.0	< 0.97	< 1.0	< 2.0	< 1.0	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.096	< 0.12	< 0.11	< 0.11	< 0.11	< 0.23	< 0.12	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.70	< 0.94	< 0.93	< 0.90	< 0.92	< 1.9	< 0.94	400	No
Isopropyl Alcohol (Isopropanol)	< 1.4	< 1.9	< 1.9	< 1.8	< 1.9	< 3.9	< 1.9	7,000	No
m,p-Xylenes	< 1.5	< 2.0	< 2.0	< 1.9	< 1.9	< 4.0	< 2.0	2,600	No
Methyl Methacrylate	< 1.5	< 2.0	< 2.0	< 1.9	< 1.9	< 4.0	< 2.0	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 0.74	< 0.99	< 0.98	< 0.94	< 0.97	< 2.0	< 0.99	3,600	No
Naphthalene	< 0.76	< 1.0	< 1.0	< 0.97	< 2.0	< 4.1	< 1.0	9.0	No
n-Hexane	< 0.72	< 0.97	< 0.96	< 0.93	< 0.95	< 2.0	< 0.97	1,400	No
n-Nonane	< 0.73	< 0.98	< 0.97	< 0.93	< 0.96	< 2.0	< 0.98	21 ⁽³⁾	No
o-Xylene	< 0.75	< 1.0	< 0.99	< 0.96	< 0.99	< 2.0	< 1.0	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 0.73	< 0.98	< 0.97	< 0.93	< 0.96	< 2.0	< 0.98	3,000	No
Styrene	< 0.74	< 0.99	< 0.98	< 0.94	< 0.97	< 2.0	< 0.99	900	No
Tetrachloroethene (PCE)	< 0.74	< 1.0	< 0.98	< 0.95	< 0.98	< 2.0	< 1.0	41	No
Toluene	< 0.76	< 1.0	1.2	< 0.97	1.2	< 2.0	1.1	420	No
Trichloroethene (TCE)	< 0.73	< 0.98	< 0.97	< 0.93	< 0.96	< 2.0	< 0.98	2.2	No
Trichlorofluoromethane (CFC 11)	1.1	1.2	1.2	1.1	1.2	< 1.9	1.2	1,300 ⁽²⁾	No
Trichlorotrifluoroethane	< 0.64	< 0.86	< 0.85	< 0.82	< 0.84	< 1.7	< 0.86	5,200 ⁽³⁾	No
Vinyl Acetate	< 7.4	< 9.8	< 9.7	< 9.4	< 9.7	< 20	< 9.8	2,500	No
Vinyl Chloride	< 0.74	< 0.99	< 0.98	< 0.94	< 0.97	< 2.0	< 0.99	51	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.

**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
	COM-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)	< 0.73	< 1.3	< 0.96	< 0.95	< 0.92	< 1.0	< 0.82	3,800	No
1,1,2,2-Tetrachloroethane	< 0.77	< 1.4	< 1.0	< 1.0	< 0.97	< 1.1	< 0.86	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 0.78	< 1.4	< 1.0	< 1.0	< 0.98	< 1.1	< 0.87	11	No
1,1-Dichloroethane (Ethylidene Dichloride)	< 0.73	< 1.3	< 0.96	< 0.95	< 0.92	< 1.0	< 0.82	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 0.65	< 1.2	< 0.85	< 0.84	< 0.81	< 0.89	< 0.72	4.0	No
1,2,4-Trimethylbenzene	< 0.75	< 1.4	< 0.98	< 0.97	< 0.94	< 1.0	< 0.83	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.30	< 0.55	< 0.39	< 0.39	< 0.38	< 0.41	< 0.33	1.9	No
1,2-Dichloropropane	< 0.76	< 1.4	< 1.0	< 0.99	< 0.96	< 1.0	< 0.85	9.2	No
1,3,5-Trimethylbenzene	< 0.77	< 1.4	< 1.0	< 1.0	< 0.97	< 1.1	< 0.86	4.0	No
1,3-Butadiene	< 0.75	< 1.4	< 0.99	< 0.98	< 0.95	< 1.0	< 0.84	2.0	No
1,4-Dichlorobenzene	< 0.75	< 1.4	< 0.98	< 0.97	< 0.94	< 1.0	< 0.83	1,200	No
1,4-Dioxane	< 0.75	< 1.4	< 0.99	< 0.98	< 0.95	< 1.0	< 0.84	720	No
2-Butanone (MEK)	< 1.4	< 2.7	< 1.9	< 1.9	< 1.8	< 2.0	< 1.6	5,200 ⁽³⁾	No
2-Hexanone	< 1.5	< 2.7	< 1.9	< 1.9	< 1.9	< 2.0	< 1.7	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 1.5	< 2.7	< 2.0	< 1.9	< 1.9	< 2.0	< 1.7	3,100 ⁽³⁾	No
Acetone	< 7.3	< 13	< 9.5	< 9.5	< 9.2	< 10	< 9.3	19,000 ⁽⁴⁾	No
Acrolein	< 0.44	< 0.81	< 0.58	< 0.57	< 0.55	< 0.60	< 0.49	0.92	No
Acrylonitrile	< 0.36	< 0.65	< 0.47	< 0.46	5.3	< 0.49	< 0.40	2.0	Yes
Benzene	< 0.72	< 1.3	< 0.95	< 0.94	< 0.91	< 0.99	< 0.81	19	No
Bromomethane	< 0.72	< 1.3	< 0.95	< 0.94	< 0.91	< 0.99	< 0.81	78	No
Carbon Disulfide	< 1.5	< 2.7	< 1.9	< 1.9	< 1.9	< 2.0	< 1.6	800	No
Carbon Tetrachloride	< 0.72	< 1.3	< 0.95	< 0.94	< 0.91	< 0.99	< 0.81	190	No
Chlorobenzene	< 0.76	< 1.4	< 1.0	< 0.99	< 0.96	< 1.0	< 0.85	1,000	No
Chloroethane (Ethyl Chloride)	< 0.78	< 1.4	< 1.0	< 1.0	< 0.98	< 1.1	< 0.87	34,000	No
Chloroform	< 0.75	< 1.4	< 0.99	< 0.98	< 0.95	< 1.0	< 0.84	3.9	No
Chloromethane	< 0.75	1.5	1.5	< 0.98	< 0.95	< 1.0	1.6	620	No
cis-1,2-Dichloroethene	< 0.73	< 1.3	< 0.96	< 0.95	< 0.92	< 1.0	< 0.82	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 0.75	< 1.4	< 0.98	< 0.97	< 0.94	< 1.0	< 0.83	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 0.65	< 1.2	< 0.85	< 0.84	< 0.81	< 0.89	< 0.72	1,000	No
Ethylbenzene	< 0.77	< 1.4	< 1.0	< 1.0	< 0.98	< 1.1	< 0.87	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.098	< 0.16	< 0.12	< 0.11	< 0.11	< 0.12	< 0.099	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.72	< 1.3	< 0.94	< 0.93	< 0.90	< 0.98	< 0.80	400	No
Isopropyl Alcohol (Isopropanol)	< 1.5	< 2.7	< 1.9	< 1.9	< 1.8	< 2.0	1.7	7,000	No
m,p-Xylenes	< 1.5	< 2.8	< 2.0	< 2.0	< 1.9	< 2.1	< 1.7	2,600	No
Methyl Methacrylate	< 1.5	< 2.8	< 2.0	< 2.0	< 1.9	< 2.1	< 1.7	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 0.75	< 1.4	< 0.99	< 0.98	< 0.95	< 1.0	< 0.84	3,600	No
Naphthalene	< 0.77	< 1.4	< 1.0	< 1.0	< 2.0	< 2.1	< 0.87	9.0	No
n-Hexane	< 0.74	< 1.4	< 0.97	< 0.96	< 0.93	< 1.0	< 0.83	1,400	No
n-Nonane	< 0.75	< 1.4	< 0.98	< 0.97	< 0.94	< 1.0	< 0.83	21 ⁽³⁾	No
o-Xylene	< 0.77	< 1.4	< 1.0	< 1.0	< 0.97	< 1.1	< 0.86	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 0.75	< 1.4	< 0.98	< 0.97	< 0.94	< 1.0	< 0.83	3,000	No
Styrene	< 0.75	< 1.4	< 0.99	< 0.98	< 0.95	< 1.0	< 0.84	900	No
Tetrachloroethene (PCE)	< 0.76	< 1.4	< 1.0	< 0.99	< 0.96	< 1.0	< 0.85	41	No
Toluene	0.89	< 1.4	< 1.0	< 1.0	< 0.98	< 1.1	1.2	420	No
Trichloroethene (TCE)	< 0.75	< 1.4	< 0.98	< 0.97	< 0.94	< 1.0	< 0.83	2.2	No
Trichlorofluoromethane (CFC 11)	1.1	< 1.3	1.2	1.1	1.2	1.2	1.2	1,300 ⁽²⁾	No
Trichlorotrifluoroethane	< 0.65	< 1.2	< 0.86	< 0.85	< 0.82	< 0.90	< 0.73	5,200 ⁽³⁾	No
Vinyl Acetate	< 7.5	< 14	< 9.8	< 9.8	< 9.5	< 10	< 8.4	2,500	No
Vinyl Chloride	< 0.75	< 1.4	< 0.99	< 0.98	< 0.95	< 1.0	< 0.84	51	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.

A reading of acrylonitrile was higher than its comparison criteria on 3/14-3/15. There was only one other low-level detection of acrylonitrile at an onsite 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
	COM-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)	< 0.85	< 1.0	< 0.99	< 0.91	< 1.1	< 0.80	< 1.1	3,800	No
1,1,2,2-Tetrachloroethane	< 0.89	< 1.1	< 1.0	< 0.96	< 1.1	< 0.84	< 1.1	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 0.91	< 1.1	< 1.1	< 0.97	< 1.1	< 0.85	< 1.1	11	No
1,1-Dichloroethane (Ethylidene Dichloride)	< 0.85	< 1.0	< 0.99	< 0.91	< 1.1	< 0.80	< 1.1	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 0.75	< 0.90	< 0.87	< 0.81	< 0.93	< 0.71	< 0.94	4.0	No
1,2,4-Trimethylbenzene	< 0.87	< 1.0	< 1.0	< 0.93	< 1.1	< 0.81	< 1.1	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.35	< 0.42	< 0.40	< 0.37	< 0.43	< 0.33	< 0.43	1.9	No
1,2-Dichloropropane	< 0.88	< 1.1	< 1.0	< 0.95	< 1.1	< 0.83	< 1.1	9.2	No
1,3,5-Trimethylbenzene	< 0.89	< 1.1	< 1.0	< 0.96	< 1.1	< 0.84	< 1.1	4.0	No
1,3-Butadiene	< 0.87	< 1.0	< 1.0	< 0.94	< 1.1	< 0.82	< 1.1	2.0	No
1,4-Dichlorobenzene	< 0.87	< 1.0	< 1.0	< 0.93	< 1.1	< 0.81	< 1.1	1,200	No
1,4-Dioxane	< 0.87	< 1.0	< 1.0	< 0.94	< 1.1	< 0.82	< 1.1	720	No
2-Butanone (MEK)	< 1.7	< 2.0	< 2.0	< 1.8	< 2.1	< 1.6	< 2.1	5,200 ⁽³⁾	No
2-Hexanone	< 1.7	< 2.1	< 2.0	< 1.8	< 2.1	< 1.6	< 2.1	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 1.7	< 2.1	< 2.0	< 1.9	< 2.2	< 1.6	< 2.2	3,100 ⁽³⁾	No
Acetone	< 8.4	< 10	< 9.8	< 9.1	< 10	< 7.9	< 11	19,000 ⁽⁴⁾	No
Acrolein	< 0.51	< 0.61	< 0.60	< 0.55	< 0.64	< 0.48	< 0.64	0.92	No
Acrylonitrile	< 0.41	0.67	< 0.48	< 0.44	< 0.51	< 0.39	< 0.52	2.0	No
Benzene	< 0.84	< 1.0	< 0.98	< 0.90	< 1.0	< 0.79	< 1.1	19	No
Bromomethane	< 0.84	< 1.0	< 0.98	< 0.90	< 1.0	< 0.79	< 1.1	78	No
Carbon Disulfide	< 1.7	< 2.0	< 2.0	< 1.8	< 2.1	< 1.6	< 2.1	800	No
Carbon Tetrachloride	< 0.84	< 1.0	< 0.98	< 0.90	< 1.0	< 0.79	< 1.1	190	No
Chlorobenzene	< 0.88	< 1.1	< 1.0	< 0.95	< 1.1	< 0.83	< 1.1	1,000	No
Chloroethane (Ethyl Chloride)	< 0.91	< 1.1	< 1.1	< 0.97	< 1.1	< 0.85	< 1.1	34,000	No
Chloroform	< 0.87	< 1.0	< 1.0	< 0.94	< 1.1	< 0.82	< 1.1	3.9	No
Chloromethane	< 0.87	1.6	1.5	< 0.94	< 1.1	< 0.82	1.7	620	No
cis-1,2-Dichloroethene	< 0.85	< 1.0	< 0.99	< 0.91	< 1.1	< 0.80	< 1.1	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 0.87	< 1.0	< 1.0	< 0.93	< 1.1	< 0.81	< 1.1	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 0.75	< 0.90	< 0.87	< 0.81	< 0.93	< 0.71	< 0.94	1,000	No
Ethylbenzene	< 0.90	< 1.1	< 1.0	< 0.96	< 1.1	< 0.84	< 1.1	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.10	< 0.12	< 0.12	< 0.11	< 0.13	< 0.096	< 0.13	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.83	< 1.0	< 0.97	< 0.89	< 1.0	< 0.78	< 1.0	400	No
Isopropyl Alcohol (Isopropanol)	< 1.7	2.6	< 2.0	< 1.8	< 2.1	< 1.6	< 2.1	7,000	No
m,p-Xylenes	< 1.8	< 2.1	< 2.1	< 1.9	< 2.2	< 1.7	< 2.2	2,600	No
Methyl Methacrylate	< 1.7	< 2.1	< 2.0	< 1.9	< 2.2	< 1.6	< 2.2	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 0.87	< 1.0	< 1.0	< 0.94	< 1.1	< 0.82	< 1.1	3,600	No
Naphthalene	< 0.90	< 1.1	< 1.0	< 0.96	< 2.3	< 1.7	< 1.1	9.0	No
n-Hexane	< 0.86	< 1.0	< 1.0	< 0.92	< 1.1	< 0.81	< 1.1	1,400	No
n-Nonane	< 0.87	< 1.0	< 1.0	< 0.93	< 1.1	< 0.81	< 1.1	21 ⁽³⁾	No
o-Xylene	< 0.89	< 1.1	< 1.0	< 0.96	< 1.1	< 0.84	< 1.1	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 0.87	< 1.0	< 1.0	< 0.93	< 1.1	< 0.81	< 1.1	3,000	No
Styrene	< 0.87	< 1.0	< 1.0	< 0.94	< 1.1	< 0.82	< 1.1	900	No
Tetrachloroethene (PCE)	< 0.88	< 1.1	< 1.0	< 0.95	< 1.1	< 0.83	< 1.1	41	No
Toluene	< 0.90	< 1.1	< 1.0	< 0.96	< 1.1	1.1	1.1	420	No
Trichloroethene (TCE)	< 0.87	< 1.0	< 1.0	< 0.93	< 1.1	< 0.81	< 1.1	2.2	No
Trichlorofluoromethane (CFC 11)	1.1	1.2	1.2	1.0	1.2	1.2	1.3	1,300 ⁽²⁾	No
Trichlorotrifluoroethane	< 0.76	< 0.91	< 0.88	< 0.81	< 0.94	< 0.71	< 0.95	5,200 ⁽³⁾	No
Vinyl Acetate	< 8.7	< 10	< 10	< 9.4	< 11	< 8.2	< 11	2,500	No
Vinyl Chloride	< 0.87	< 1.0	< 1.0	< 0.94	< 1.1	< 0.82	< 1.1	51	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.

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
	COM-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		
Volatile Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 0.94	< 0.79	< 0.99	< 0.97	< 0.93	< 0.99	< 0.96	3,800	No
1,1,2,2-Tetrachloroethane	< 0.99	< 0.83	< 1.0	< 1.0	< 0.97	< 1.0	< 1.0	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 1.0	< 0.85	< 1.1	< 1.0	< 0.99	< 1.1	< 1.0	11	No
1,1-Dichloroethane (Ethylidene Dichloride)	< 0.94	< 0.79	< 0.99	< 0.97	< 0.93	< 0.99	< 0.96	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 0.83	< 0.70	< 0.87	< 0.86	< 0.82	< 0.88	< 0.85	4.0	No
1,2,4-Trimethylbenzene	< 0.96	< 0.81	< 1.0	< 0.99	< 0.95	< 1.0	< 0.98	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.38	< 0.32	< 0.40	< 0.40	< 0.38	< 0.41	< 0.39	1.9	No
1,2-Dichloropropane	< 0.98	< 0.82	< 1.0	< 1.0	< 0.96	< 1.0	< 1.0	9.2	No
1,3,5-Trimethylbenzene	< 0.99	< 0.83	< 1.0	< 1.0	< 0.97	< 1.0	< 1.0	4.0	No
1,3-Butadiene	< 0.97	< 0.82	< 1.0	< 1.0	< 0.95	< 1.0	< 0.99	2.0	No
1,4-Dichlorobenzene	< 0.96	< 0.81	< 1.0	< 0.99	< 0.95	< 1.0	< 0.98	1,200	No
1,4-Dioxane	< 0.97	< 0.82	< 1.0	< 1.0	< 0.95	< 1.0	< 0.99	720	No
2-Butanone (MEK)	< 1.9	< 1.6	< 2.0	< 1.9	< 1.8	< 2.0	< 1.9	5,200 ⁽³⁾	No
2-Hexanone	< 1.9	< 1.6	< 2.0	< 2.0	< 1.9	< 2.0	< 1.9	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 1.9	< 1.6	< 2.0	< 2.0	< 1.9	< 2.0	< 2.0	3,100 ⁽³⁾	No
Acetone	< 9.4	< 7.9	< 9.8	< 9.7	< 9.2	< 9.9	10	19,000 ⁽⁴⁾	No
Acrolein	< 0.57	< 0.48	< 0.60	< 0.59	< 0.56	< 0.60	< 0.58	0.92	No
Acrylonitrile	< 0.46	< 0.39	< 0.48	< 0.47	< 0.45	< 0.48	< 0.47	2.0	No
Benzene	< 0.93	< 0.79	< 0.98	< 0.96	< 0.92	< 0.98	< 0.95	19	No
Bromomethane	< 0.93	< 0.79	< 0.98	< 0.96	< 0.92	< 0.98	< 0.95	78	No
Carbon Disulfide	< 1.9	< 1.6	< 2.0	< 2.0	< 1.9	< 2.0	< 1.9	800	No
Carbon Tetrachloride	< 0.93	< 0.79	< 0.98	< 0.96	< 0.92	< 0.98	< 0.95	190	No
Chlorobenzene	< 0.98	< 0.82	< 1.0	< 1.0	< 0.96	< 1.0	< 1.0	1,000	No
Chloroethane (Ethyl Chloride)	< 1.0	< 0.85	< 1.1	< 1.0	< 0.99	< 1.1	< 1.0	34,000	No
Chloroform	< 0.97	< 0.82	< 1.0	< 1.0	< 0.95	< 1.0	< 0.99	3.9	No
Chloromethane	< 0.97	1.5	1.6	< 1.0	< 0.95	< 1.0	1.6	620	No
cis-1,2-Dichloroethene	< 0.94	< 0.79	< 0.99	< 0.97	< 0.93	< 0.99	< 0.96	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 0.96	< 0.81	< 1.0	< 0.99	< 0.95	< 1.0	< 0.98	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 0.83	< 0.70	< 0.87	< 0.86	< 0.82	< 0.88	< 0.85	1,000	No
Ethylbenzene	< 1.0	< 0.84	< 1.0	< 1.0	< 0.98	< 1.1	< 1.0	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.11	< 0.095	< 0.12	< 0.12	< 0.11	< 0.12	< 0.12	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.92	< 0.78	< 0.97	< 0.95	< 0.91	< 0.97	< 0.94	400	No
Isopropyl Alcohol (Isopropanol)	2.1	2.0	< 2.0	< 1.9	< 1.9	< 2.0	1.9	7,000	No
m,p-Xylenes	< 2.0	< 1.6	< 2.0	< 2.0	< 1.9	< 2.1	< 2.0	2,600	No
Methyl Methacrylate	< 1.9	< 1.6	< 2.0	< 2.0	< 1.9	< 2.0	< 2.0	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 0.97	< 0.82	< 1.0	< 1.0	< 0.95	< 1.0	< 0.99	3,600	No
Naphthalene	< 1.0	< 0.84	< 1.0	< 1.0	< 2.0	< 2.1	< 1.0	9.0	No
n-Hexane	< 0.95	< 0.80	< 1.0	< 0.98	< 0.94	< 1.0	< 0.97	1,400	No
n-Nonane	< 0.96	< 0.81	< 1.0	< 0.99	< 0.95	< 1.0	< 0.98	21 ⁽³⁾	No
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Trichlorotrifluoroethane	< 0.84	< 0.71	< 0.88	< 0.87	< 0.83	< 0.89	< 0.86	5,200 ⁽³⁾	No
Vinyl Acetate	< 9.7	< 8.1	< 10	< 10	< 9.5	< 10	< 9.8	2,500	No
Vinyl Chloride	< 0.97	< 0.82	< 1.0	< 1.0	< 0.95	< 1.0	< 0.99	51	No

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