

# No concentrations exceeded health-based screening levels

## WEEKLY AIR MONITORING SUMMARY OF LABORATORY DATA 7/14/2025 -7/21/2025 FINAL REMEDY CONSTRUCTION ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria ( $\mu\text{g}/\text{m}^3$ ) <sup>(1)</sup>	Detection Exceeds Comparison
	FR-AA-01								
	7/14-7/15/2025	7/15-7/16/2025	7/16-7/17/2025	7/17-7/18/2025	7/18-7/19/2025	7/19-7/20/2025	7/20-7/21/2025		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
<b>Volatile Organic Compounds</b>									
1,1,1-Trichloroethane (TCA)	< 0.99	< 0.97	< 0.88	< 0.99	< 1.1	< 1.0	< 1.0	3,800	No
1,1,2,2-Tetrachloroethane	< 1.0	< 1.0	< 0.92	< 1.0	< 1.2	< 1.1	< 1.1	83 <sup>(2)</sup>	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 1.1	< 1.0	< 0.94	< 1.1	< 1.2	< 1.1	< 1.1	11	No
1,1-Dichloroethane (Ethylidene Dichloride)	< 0.99	< 0.97	< 0.88	< 0.99	< 1.1	< 1.0	< 1.0	830 <sup>(2)</sup>	No
1,1-Dichloroethene (1,1-DCE)	< 0.87	< 0.86	< 0.78	< 0.88	< 0.99	< 0.91	< 0.90	4.0	No
1,2,4-Trimethylbenzene	< 1.0	< 0.99	< 0.90	< 1.0	< 1.1	< 1.1	< 1.0	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.40	< 0.39	< 0.36	< 0.41	< 0.46	< 0.42	< 0.42	1.9	No
1,2-Dichloropropane	< 1.0	< 1.0	< 0.91	< 1.0	< 1.2	< 1.1	< 1.1	9.2	No
1,3,5-Trimethylbenzene	< 1.0	< 1.0	< 0.92	< 1.0	< 1.2	< 1.1	< 1.1	4.0	No
1,3-Butadiene	< 1.0	< 1.0	< 0.91	< 1.0	< 1.2	< 1.1	< 1.0	2.0	No
1,4-Dichlorobenzene	< 1.0	< 0.99	< 0.90	< 1.0	< 1.1	< 1.1	< 1.0	1,200	No
1,4-Dioxane	< 1.0	< 1.0	< 0.91	< 1.0	< 1.2	< 1.1	< 1.0	720	No
2-Butanone (MEK)	< 2.0	< 1.9	< 1.7	< 2.0	< 2.2	< 2.0	< 2.0	5,200 <sup>(3)</sup>	No
2-Hexanone	< 2.0	< 2.0	< 1.8	< 2.0	< 2.3	< 2.1	< 2.1	31 <sup>(3)</sup>	No
4-Methyl-2-pentanone	< 2.0	< 2.0	< 1.8	< 2.0	< 2.3	< 2.1	< 2.1	3,100 <sup>(3)</sup>	No
Acetone	< 9.8	< 9.6	< 8.7	< 9.9	< 11	< 10	< 10	19,000 <sup>(4)</sup>	No
Acrolein	< 0.59	< 0.58	< 0.53	< 0.60	< 0.68	< 0.62	< 0.61	0.92	No
Acrylonitrile	< 0.48	< 0.47	< 0.43	< 0.48	< 0.55	< 0.50	< 0.50	2.0	No
Benzene	< 1.9	< 1.9	< 1.7	< 1.9	< 2.2	< 2.0	< 2.0	19	No
Bromomethane	< 0.98	< 0.96	< 0.87	< 0.98	< 1.1	< 1.0	< 1.0	78	No
Carbon Disulfide	< 2.0	< 1.9	< 1.8	< 2.0	< 2.3	< 2.1	< 2.0	800	No
Carbon Tetrachloride	< 0.98	< 0.96	< 0.87	< 0.98	< 1.1	< 1.0	< 1.0	190	No
Chlorobenzene	< 1.0	< 1.0	< 0.91	< 1.0	< 1.2	< 1.1	< 1.1	1,000	No
Chloroethane (Ethyl Chloride)	< 1.1	< 1.0	< 0.94	< 1.1	< 1.2	< 1.1	< 1.1	34,000	No
Chloroform	< 1.0	< 1.0	< 0.91	< 1.0	< 1.2	< 1.1	< 1.0	3.9	No
Chloromethane	1.1	1.1	1.2	< 1.0	1.3	1.5	< 1.0	620	No
cis-1,2-Dichloroethene	< 0.99	< 0.97	< 0.88	< 0.99	< 1.1	< 1.0	< 1.0	8.3 <sup>(2)</sup>	No
Cumene (Isopropylbenzene)	< 1.0	< 0.99	< 0.90	< 1.0	< 1.1	< 1.1	< 1.0	420 <sup>(3)</sup>	No
Dichloromethane (Methylene Chloride)	1.1	0.86	0.89	< 0.88	1.5	< 0.91	< 0.90	1,000	No
Ethylbenzene	< 1.0	< 1.0	< 0.93	< 1.1	< 1.2	< 1.1	< 1.1	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.12	< 0.12	< 0.11	< 0.12	< 0.14	< 0.12	< 0.12	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.97	< 0.95	< 0.86	< 0.97	< 1.1	< 1.0	< 1.0	400	No
Isopropyl Alcohol (Isopropanol)	< 7.9	< 7.7	< 7.0	< 7.9	< 8.9	< 8.2	< 8.1	7,000	No
m,p-Xylenes	< 2.1	< 2.0	< 1.8	< 2.1	< 2.3	< 2.1	< 2.1	2,600	No
Methyl Methacrylate	< 2.0	< 2.0	< 1.8	< 2.0	< 2.3	< 2.1	< 2.1	730 <sup>(3)</sup>	No
Methyl tert-Butyl Ether	< 1.0	< 1.0	< 0.91	< 1.0	< 1.2	< 1.1	< 1.0	3,600	No
Naphthalene	< 2.0	< 1.9	< 1.7	< 2.0	< 2.2	< 2.0	< 2.0	9.0	No
n-Hexane	< 1.0	< 0.98	< 0.89	< 1.0	< 1.1	< 1.0	< 1.0	1,400	No
n-Nonane	< 1.0	< 0.99	< 0.90	< 1.0	< 1.1	< 1.1	< 1.0	21 <sup>(3)</sup>	No
o-Xylene	< 1.0	< 1.0	< 0.92	< 1.0	< 1.2	< 1.1	< 1.1	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 1.0	< 0.99	< 0.90	< 1.0	< 1.1	< 1.1	< 1.0	3,000	No
Styrene	< 1.0	< 1.0	< 0.91	< 1.0	< 1.2	< 1.1	< 1.0	900	No
Tetrachloroethene (PCE)	< 1.0	< 1.0	< 0.91	< 1.0	< 1.2	< 1.1	< 1.1	41	No
Toluene	< 1.0	2.5	1.3	< 1.1	< 1.2	< 1.1	< 1.1	420	No
Trichloroethene (TCE)	< 1.0	< 0.99	< 0.90	< 1.0	< 1.1	< 1.1	< 1.0	2.2	No
Trichlorofluoromethane (CFC 11)	1.1	1.1	1.1	1.1	< 1.1	1.1	1.1	1,300 <sup>(2)</sup>	No
Trichlorotrifluoroethane	< 0.88	< 0.86	< 0.79	< 0.89	< 1.0	< 0.92	< 0.91	5,200 <sup>(3)</sup>	No
Vinyl Acetate	< 10	< 9.9	< 9.0	< 10	< 12	< 11	< 10	2,500	No
Vinyl Chloride	< 1.0	< 1.0	< 0.91	< 1.0	< 1.2	< 1.1	< 1.0	51	No
<b>Sulfur Compounds</b>									
Carbon Disulfide	< 14	< 15	< 5.2	< 6.0	< 6.8	< 6.2	< 6.2	800	No
Carbonyl Sulfide	< 22	< 23	< 7.8	< 9.0	< 10	< 9.3	< 9.2	10	No
Dimethyl Sulfide	< 23	< 24	< 8.5	< 9.8	< 11	< 10	< 10	1270 <sup>(5)</sup>	No
Dimethyl Disulfide	< 18	< 18	< 6.4	< 7.4	< 8.4	< 7.7	< 7.6	39 <sup>(5,6)</sup>	No
Hydrogen Sulfide	< 13	< 13	< 3.5	< 4.0	< 4.6	< 4.2	7.1	28	No
Methyl Mercaptan	< 18	< 18	< 6.6	< 7.6	< 8.6	< 7.9	< 7.8	9.8 <sup>(5,6)</sup>	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 7/14/2025 -7/21/2025 FINAL REMEDY CONSTRUCTION ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria ( $\mu\text{g}/\text{m}^3$ ) <sup>(1)</sup>	Detection Exceeds Comparison
	FR-AA-02								
	7/14-7/15/2025	7/15-7/16/2025	7/16-7/17/2025	7/17-7/18/2025	7/18-7/19/2025	7/19-7/20/2025	7/20-7/21/2025		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
<b>Volatile Organic Compounds</b>									
1,1,1-Trichloroethane (TCA)	< 1.0	< 1.0	< 1.0	< 0.98	< 0.93	< 0.96	< 1.0	3,800	No
1,1,2,2-Tetrachloroethane	< 1.0	< 1.1	< 1.1	< 1.0	< 0.97	< 1.0	< 1.1	83 <sup>(2)</sup>	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 1.1	< 1.1	< 1.1	< 1.1	< 0.99	< 1.0	< 1.1	11	No
1,1-Dichloroethane (Ethylidene Dichloride)	< 1.0	< 1.0	< 1.0	< 0.98	< 0.93	< 0.96	< 1.0	830 <sup>(2)</sup>	No
1,1-Dichloroethene (1,1-DCE)	< 0.88	< 0.91	< 0.92	< 0.87	< 0.82	< 0.85	< 0.91	4.0	No
1,2,4-Trimethylbenzene	< 1.0	< 1.1	< 1.1	< 1.0	< 0.95	< 0.98	< 1.0	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.41	< 0.42	< 0.43	< 0.40	< 0.38	< 0.39	< 0.42	1.9	No
1,2-Dichloropropane	< 1.0	< 1.1	< 1.1	< 1.0	< 0.96	< 1.0	< 1.1	9.2	No
1,3,5-Trimethylbenzene	< 1.0	< 1.1	< 1.1	< 1.0	< 0.97	< 1.0	< 1.1	4.0	No
1,3-Butadiene	< 1.0	< 1.1	< 1.1	< 1.0	< 0.95	< 0.99	< 1.1	2.0	No
1,4-Dichlorobenzene	< 1.0	< 1.1	< 1.1	< 1.0	< 0.95	< 0.98	< 1.0	1,200	No
1,4-Dioxane	< 1.0	< 1.1	< 1.1	< 1.0	< 0.95	< 0.99	< 1.1	720	No
2-Butanone (MEK)	< 2.0	< 2.1	< 2.1	< 1.9	< 1.8	< 1.9	< 2.0	5,200 <sup>(3)</sup>	No
2-Hexanone	< 2.0	< 2.1	< 2.1	< 2.0	< 1.9	< 1.9	< 2.1	31 <sup>(3)</sup>	No
4-Methyl-2-pentanone	< 2.0	< 2.1	< 2.1	< 2.0	< 1.9	< 2.0	< 2.1	3,100 <sup>(3)</sup>	No
Acetone	11	< 10	< 10	< 9.8	< 9.2	< 9.6	< 10	19,000 <sup>(4)</sup>	No
Acrolein	< 0.60	< 0.62	< 0.63	< 0.59	< 0.56	< 0.58	< 0.62	0.92	No
Acrylonitrile	< 0.49	< 0.50	< 0.51	< 0.48	< 0.45	0.92	< 0.50	2.0	No
Benzene	< 1.9	< 2.0	< 2.0	< 1.9	< 1.8	< 1.9	< 2.0	19	No
Bromomethane	< 0.99	< 1.0	< 1.0	< 0.97	< 0.92	< 0.95	< 1.0	78	No
Carbon Disulfide	< 2.0	< 2.1	< 2.1	< 2.0	< 1.9	< 1.9	< 2.1	800	No
Carbon Tetrachloride	< 0.99	< 1.0	< 1.0	< 0.97	< 0.92	< 0.95	< 1.0	190	No
Chlorobenzene	< 1.0	< 1.1	< 1.1	< 1.0	< 0.96	< 1.0	< 1.1	1,000	No
Chloroethane (Ethyl Chloride)	< 1.1	< 1.1	< 1.1	< 1.1	< 0.99	< 1.0	< 1.1	34,000	No
Chloroform	< 1.0	< 1.1	< 1.1	< 1.0	< 0.95	< 0.99	< 1.1	3.9	No
Chloromethane	1.4	1.1	1.2	< 1.0	1.6	1.6	< 1.1	620	No
cis-1,2-Dichloroethene	< 1.0	< 1.0	< 1.0	< 0.98	< 0.93	< 0.96	< 1.0	8.3 <sup>(2)</sup>	No
Cumene (Isopropylbenzene)	< 1.0	< 1.1	< 1.1	< 1.0	< 0.95	< 0.98	< 1.0	420 <sup>(3)</sup>	No
Dichloromethane (Methylene Chloride)	< 0.88	< 0.91	< 0.92	< 0.87	< 0.82	< 0.85	< 0.91	1,000	No
Ethylbenzene	< 1.1	< 1.1	< 1.1	< 1.0	< 0.98	< 1.0	< 1.1	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.12	< 0.12	< 0.13	< 0.12	< 0.11	< 0.12	< 0.12	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.98	< 1.0	< 1.0	< 0.96	< 0.91	< 0.94	< 1.0	400	No
Isopropyl Alcohol (Isopropanol)	< 8.0	< 8.2	< 8.3	< 7.8	< 7.4	< 7.7	< 8.2	7,000	No
m,p-Xylenes	< 2.1	< 2.2	< 2.2	< 2.0	< 1.9	< 2.0	< 2.1	2,600	No
Methyl Methacrylate	< 2.1	< 2.1	< 2.2	< 2.0	< 1.9	< 2.0	< 2.1	730 <sup>(3)</sup>	No
Methyl tert-Butyl Ether	< 1.0	< 1.1	< 1.1	< 1.0	< 0.95	< 0.99	< 1.1	3,600	No
Naphthalene	< 2.0	< 2.1	< 2.1	< 1.9	< 1.8	< 1.9	< 2.0	9.0	No
n-Hexane	< 1.0	< 1.0	< 1.1	< 0.99	< 0.94	< 0.97	< 1.0	1,400	No
n-Nonane	< 1.0	< 1.1	< 1.1	< 1.0	< 0.95	< 0.98	< 1.0	21 <sup>(3)</sup>	No
o-Xylene	< 1.0	< 1.1	< 1.1	< 1.0	< 0.97	< 1.0	< 1.1	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 1.0	< 1.1	< 1.1	< 1.0	< 0.95	< 0.98	< 1.0	3,000	No
Styrene	< 1.0	< 1.1	< 1.1	< 1.0	< 0.95	< 0.99	< 1.1	900	No
Tetrachloroethene (PCE)	< 1.0	< 1.1	< 1.1	< 1.0	< 0.96	< 1.0	< 1.1	41	No
Toluene	< 1.1	< 1.1	< 1.1	< 1.0	< 0.98	< 1.0	< 1.1	420	No
Trichloroethene (TCE)	< 1.0	< 1.1	< 1.1	< 1.0	< 0.95	< 0.98	< 1.0	2.2	No
Trichlorofluoromethane (CFC 11)	1.0	1.0	1.1	1.3	1.2	1.2	1.1	1,300 <sup>(2)</sup>	No
Trichlorotrifluoroethane	< 0.89	< 0.92	< 0.93	< 0.88	< 0.83	< 0.86	< 0.92	5,200 <sup>(3)</sup>	No
Vinyl Acetate	< 10	< 11	< 11	< 10	< 9.5	< 9.9	< 11	2,500	No
Vinyl Chloride	< 1.0	< 1.1	< 1.1	< 1.0	< 0.95	< 0.99	< 1.1	51	No
<b>Sulfur Compounds</b>									
Carbon Disulfide	< 15	< 16	< 6.2	< 5.9	< 5.6	< 5.8	< 6.2	800	No
Carbonyl Sulfide	< 24	< 25	< 9.3	< 8.9	< 8.4	< 8.7	< 9.3	10	No
Dimethyl Sulfide	< 25	< 26	< 10	< 9.7	< 9.1	< 9.5	< 10	1270 <sup>(5)</sup>	No
Dimethyl Disulfide	< 19	< 19	< 7.7	< 7.4	< 6.9	< 7.2	< 7.7	39 <sup>(5,6)</sup>	No
Hydrogen Sulfide	< 14	< 14	< 4.2	< 4.0	< 3.8	< 3.9	7.6	28	No
Methyl Mercaptan	< 19	< 20	< 7.8	< 7.5	< 7.1	< 7.4	< 7.8	9.8 <sup>(5,6)</sup>	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  
7/14/2025 -7/21/2025  
FINAL REMEDY CONSTRUCTION  
ASCON LANDFILL SITE**

Target Chemicals	STATION ID							Comparison Criteria ( $\mu\text{g}/\text{m}^3$ ) <sup>(1)</sup>	Detection Exceeds Comparison
	FR-AA-03								
	7/14-7/15/2025	7/15-7/16/2025	7/16-7/17/2025	7/17-7/18/2025	7/18-7/19/2025	7/19-7/20/2025	7/20-7/21/2025		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
<b>Volatile Organic Compounds</b>									
1,1,1-Trichloroethane (TCA)	< 0.96	< 1.1	< 0.98	< 0.94	< 0.95	< 0.97	< 0.92	3,800	No
1,1,2,2-Tetrachloroethane	< 1.0	< 1.1	< 1.0	< 0.99	< 0.99	< 1.0	< 0.96	83 <sup>(2)</sup>	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 1.0	< 1.1	< 1.0	< 1.0	< 1.0	< 1.0	< 0.98	11	No
1,1-Dichloroethane (Ethylidene Dichloride)	< 0.96	< 1.1	< 0.98	< 0.94	< 0.95	< 0.97	< 0.92	830 <sup>(2)</sup>	No
1,1-Dichloroethene (1,1-DCE)	< 0.85	< 0.93	< 0.87	< 0.83	< 0.84	< 0.86	< 0.81	4.0	No
1,2,4-Trimethylbenzene	< 0.98	< 1.1	< 1.0	< 0.96	< 0.97	< 0.99	< 0.93	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.39	< 0.43	< 0.40	< 0.38	< 0.39	< 0.40	< 0.37	1.9	No
1,2-Dichloropropane	< 1.0	< 1.1	< 1.0	< 0.98	< 0.98	< 1.0	< 0.95	9.2	No
1,3,5-Trimethylbenzene	< 1.0	< 1.1	< 1.0	< 0.99	< 0.99	< 1.0	< 0.96	4.0	No
1,3-Butadiene	< 0.99	< 1.1	< 1.0	< 0.97	< 0.98	< 1.0	< 0.94	2.0	No
1,4-Dichlorobenzene	< 0.98	< 1.1	< 1.0	< 0.96	< 0.97	< 0.99	< 0.93	1,200	No
1,4-Dioxane	< 0.99	< 1.1	< 1.0	< 0.97	< 0.98	< 1.0	< 0.94	720	No
2-Butanone (MEK)	< 1.9	< 2.1	< 1.9	< 1.9	< 1.9	< 1.9	< 1.8	5,200 <sup>(3)</sup>	No
2-Hexanone	< 1.9	< 2.1	< 2.0	< 1.9	< 1.9	< 2.0	< 1.9	31 <sup>(3)</sup>	No
4-Methyl-2-pentanone	< 2.0	< 2.2	< 2.0	< 1.9	< 1.9	< 2.0	< 1.9	3,100 <sup>(3)</sup>	No
Acetone	< 9.5	< 10	< 9.8	< 9.4	< 9.4	< 9.7	< 9.1	19,000 <sup>(4)</sup>	No
Acrolein	< 0.58	< 0.64	< 0.59	< 0.57	< 0.57	< 0.59	0.58	0.92	No
Acrylonitrile	< 0.47	< 0.51	< 0.48	< 0.46	< 0.46	< 0.47	6.5	2.0	Yes
Benzene	< 1.9	< 2.1	< 1.9	< 1.8	< 1.8	< 1.9	< 1.8	19	No
Bromomethane	< 0.95	< 1.0	< 0.97	< 0.93	< 0.94	< 0.96	< 0.91	78	No
Carbon Disulfide	< 1.9	< 2.1	< 2.0	< 1.9	< 1.9	< 2.0	< 1.8	800	No
Carbon Tetrachloride	< 0.95	< 1.0	< 0.97	< 0.93	< 0.94	< 0.96	< 0.91	190	No
Chlorobenzene	< 1.0	< 1.1	< 1.0	< 0.98	< 0.98	< 1.0	< 0.95	1,000	No
Chloroethane (Ethyl Chloride)	< 1.0	< 1.1	< 1.0	< 1.0	< 1.0	< 1.0	< 0.98	34,000	No
Chloroform	< 0.99	< 1.1	< 1.0	< 0.97	< 0.98	< 1.0	< 0.94	3.9	No
Chloromethane	1.3	< 1.1	1.2	< 0.97	1.6	1.6	< 0.94	620	No
cis-1,2-Dichloroethene	< 0.96	< 1.1	< 0.98	< 0.94	< 0.95	< 0.97	< 0.92	8.3 <sup>(2)</sup>	No
Cumene (Isopropylbenzene)	< 0.98	< 1.1	< 1.0	< 0.96	< 0.97	< 0.99	< 0.93	420 <sup>(3)</sup>	No
Dichloromethane (Methylene Chloride)	< 0.85	< 0.93	< 0.87	< 0.83	< 0.84	< 0.86	< 0.81	1,000	No
Ethylbenzene	< 1.0	< 1.1	< 1.0	< 1.0	< 1.0	< 1.0	< 0.97	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.12	< 0.13	< 0.12	< 0.11	< 0.11	< 0.12	< 0.11	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.94	< 1.0	< 0.96	< 0.92	< 0.93	< 0.95	< 0.90	400	No
Isopropyl Alcohol (Isopropanol)	< 7.6	< 8.4	< 7.8	< 7.5	< 7.5	< 7.7	< 7.3	7,000	No
m,p-Xylenes	< 2.0	< 2.2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.9	2,600	No
Methyl Methacrylate	< 2.0	< 2.2	< 2.0	< 1.9	< 2.0	< 2.0	< 1.9	730 <sup>(3)</sup>	No
Methyl tert-Butyl Ether	< 0.99	< 1.1	< 1.0	< 0.97	< 0.98	< 1.0	< 0.94	3,600	No
Naphthalene	< 1.9	< 2.1	< 1.9	< 1.9	< 1.9	< 1.9	< 1.8	9.0	No
n-Hexane	< 0.97	< 1.1	< 0.99	< 0.95	< 0.96	< 0.98	< 0.93	1,400	No
n-Nonane	< 0.98	< 1.1	< 1.0	< 0.96	< 0.97	< 0.99	< 0.93	21 <sup>(3)</sup>	No
o-Xylene	< 1.0	< 1.1	< 1.0	< 0.99	< 0.99	< 1.0	< 0.96	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 0.98	< 1.1	< 1.0	< 0.96	< 0.97	< 0.99	< 0.93	3,000	No
Styrene	< 0.99	< 1.1	< 1.0	< 0.97	< 0.98	< 1.0	< 0.94	900	No
Tetrachloroethene (PCE)	< 1.0	< 1.1	< 1.0	< 0.98	< 0.98	< 1.0	< 0.95	41	No
Toluene	< 1.0	< 1.1	< 1.0	2.2	< 1.0	< 1.0	3.3	420	No
Trichloroethene (TCE)	< 0.98	< 1.1	< 1.0	< 0.96	< 0.97	< 0.99	< 0.93	2.2	No
Trichlorofluoromethane (CFC 11)	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1,300 <sup>(2)</sup>	No
Trichlorotrifluoroethane	< 0.86	< 0.94	< 0.88	< 0.84	< 0.85	< 0.87	< 0.82	5,200 <sup>(3)</sup>	No
Vinyl Acetate	< 9.8	< 11	< 10	< 9.7	< 9.7	< 10	< 9.4	2,500	No
Vinyl Chloride	< 0.99	< 1.1	< 1.0	< 0.97	< 0.98	< 1.0	< 0.94	51	No
<b>Sulfur Compounds</b>									
Carbon Disulfide	< 14	< 16	< 5.8	< 5.7	< 5.7	< 5.9	< 5.5	800	No
Carbonyl Sulfide	< 23	< 25	< 8.7	< 8.5	< 8.5	< 8.8	< 8.3	10	No
Dimethyl Sulfide	< 24	< 26	< 9.5	< 9.3	< 9.3	< 9.6	< 9.0	1270 <sup>(5)</sup>	No
Dimethyl Disulfide	< 18	< 20	< 7.2	< 7.0	< 7.0	< 7.3	< 6.9	39 <sup>(5,6)</sup>	No
Hydrogen Sulfide	< 13	< 14	< 3.9	< 3.8	< 3.8	< 3.9	< 3.7	28	No
Methyl Mercaptan	< 18	< 20	< 7.4	< 7.2	< 7.2	< 7.4	< 7.0	9.8 <sup>(5,6)</sup>	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 7/20-7/21. There were no site activities occurring during the sampling period. 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](http://asconhb.com).

# No concentrations exceeded health-based screening levels

## WEEKLY AIR MONITORING SUMMARY OF LABORATORY DATA 7/14/2025 -7/21/2025 FINAL REMEDY CONSTRUCTION ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria ( $\mu\text{g}/\text{m}^3$ ) <sup>(1)</sup>	Detection Exceeds Comparison
	FR-AA-04								
	7/14-7/15/2025	7/15-7/16/2025	7/16-7/17/2025	7/17-7/18/2025	7/18-7/19/2025	7/19-7/20/2025	7/20-7/21/2025		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
<b>Volatile Organic Compounds</b>									
1,1,1-Trichloroethane (TCA)	< 0.99	< 1.0	< 1.0	< 1.0	< 1.0	< 1.1	< 1.1	3,800	No
1,1,2,2-Tetrachloroethane	< 1.0	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	83 <sup>(2)</sup>	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	11	No
1,1-Dichloroethane (Ethylidene Dichloride)	< 0.99	< 1.0	< 1.0	< 1.0	< 1.0	< 1.1	< 1.1	830 <sup>(2)</sup>	No
1,1-Dichloroethene (1,1-DCE)	< 0.88	< 0.91	< 0.90	< 0.89	< 0.89	< 0.95	< 0.93	4.0	No
1,2,4-Trimethylbenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.1	< 1.1	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.41	< 0.42	< 0.42	< 0.41	< 0.41	< 0.44	< 0.43	1.9	No
1,2-Dichloropropane	< 1.0	< 1.1	< 1.1	< 1.0	< 1.0	< 1.1	< 1.1	9.2	No
1,3,5-Trimethylbenzene	< 1.0	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	4.0	No
1,3-Butadiene	< 1.0	< 1.1	< 1.0	< 1.0	< 1.0	< 1.1	< 1.1	2.0	No
1,4-Dichlorobenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.1	< 1.1	1,200	No
1,4-Dioxane	< 1.0	< 1.1	< 1.0	< 1.0	< 1.0	< 1.1	< 1.1	720	No
2-Butanone (MEK)	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.1	< 2.1	5,200 <sup>(3)</sup>	No
2-Hexanone	< 2.0	< 2.1	< 2.1	< 2.0	< 2.0	< 2.2	< 2.1	31 <sup>(3)</sup>	No
4-Methyl-2-pentanone	< 2.0	< 2.1	< 2.1	< 2.1	< 2.1	< 2.2	< 2.2	3,100 <sup>(3)</sup>	No
Acetone	< 9.9	< 10	< 10	< 10	< 10	< 11	< 10	19,000 <sup>(4)</sup>	No
Acrolein	< 0.60	< 0.62	< 0.61	< 0.61	< 0.61	< 0.65	< 0.64	0.92	No
Acrylonitrile	< 0.48	< 0.50	< 0.50	< 0.49	< 0.49	< 0.52	< 0.51	2.0	No
Benzene	< 1.9	< 2.0	< 2.0	< 2.0	< 2.0	< 2.1	< 2.1	19	No
Bromomethane	< 0.98	< 1.0	< 1.0	< 1.0	< 1.0	< 1.1	< 1.0	78	No
Carbon Disulfide	< 2.0	< 2.1	< 2.0	< 2.0	< 2.0	< 2.2	< 2.1	800	No
Carbon Tetrachloride	< 0.98	< 1.0	< 1.0	< 1.0	< 1.0	< 1.1	< 1.0	190	No
Chlorobenzene	< 1.0	< 1.1	< 1.1	< 1.0	< 1.0	< 1.1	< 1.1	1,000	No
Chloroethane (Ethyl Chloride)	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	34,000	No
Chloroform	< 1.0	< 1.1	< 1.0	< 1.0	< 1.0	< 1.1	< 1.1	3.9	No
Chloromethane	1.1	1.1	1.1	< 1.0	1.6	1.5	< 1.1	620	No
cis-1,2-Dichloroethene	< 0.99	< 1.0	< 1.0	< 1.0	< 1.0	< 1.1	< 1.1	8.3 <sup>(2)</sup>	No
Cumene (Isopropylbenzene)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.1	< 1.1	420 <sup>(3)</sup>	No
Dichloromethane (Methylene Chloride)	< 0.88	< 0.91	< 0.90	< 0.89	< 0.89	< 0.95	< 0.93	1,000	No
Ethylbenzene	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.13	< 0.13	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.97	< 1.0	< 1.0	< 0.99	< 0.99	< 1.1	< 1.0	400	No
Isopropyl Alcohol (Isopropanol)	< 7.9	< 8.2	< 8.1	< 8.0	< 8.0	< 8.6	< 8.4	7,000	No
m,p-Xylenes	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.2	< 2.2	2,600	No
Methyl Methacrylate	< 2.0	< 2.1	< 2.1	< 2.1	< 2.1	< 2.2	< 2.2	730 <sup>(3)</sup>	No
Methyl tert-Butyl Ether	< 1.0	< 1.1	< 1.0	< 1.0	< 1.0	< 1.1	< 1.1	3,600	No
Naphthalene	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.1	< 2.1	9.0	No
n-Hexane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.1	< 1.1	1,400	No
n-Nonane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.1	< 1.1	21 <sup>(3)</sup>	No
o-Xylene	< 1.0	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.1	< 1.1	3,000	No
Styrene	< 1.0	< 1.1	< 1.0	< 1.0	< 1.0	< 1.1	< 1.1	900	No
Tetrachloroethene (PCE)	< 1.0	< 1.1	< 1.1	< 1.0	< 1.0	< 1.1	< 1.1	41	No
Toluene	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	420	No
Trichloroethene (TCE)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.1	< 1.1	2.2	No
Trichlorofluoromethane (CFC 11)	1.1	1.2	1.0	1.2	1.2	1.1	1.1	1,300 <sup>(2)</sup>	No
Trichlorotrifluoroethane	< 0.89	< 0.92	< 0.91	< 0.90	< 0.90	< 0.96	< 0.94	5,200 <sup>(3)</sup>	No
Vinyl Acetate	< 10	< 11	< 10	< 10	< 10	< 11	< 11	2,500	No
Vinyl Chloride	< 1.0	< 1.1	< 1.0	< 1.0	< 1.0	< 1.1	< 1.1	51	No
<b>Sulfur Compounds</b>									
Carbon Disulfide	< 15	< 15	< 6.2	< 6.1	< 6.0	< 6.5	< 6.4	800	No
Carbonyl Sulfide	< 24	< 24	< 9.2	< 9.1	< 9.1	< 9.8	< 9.6	10	No
Dimethyl Sulfide	< 25	< 25	< 10	< 10	< 9.9	< 11	< 10	1270 <sup>(5)</sup>	No
Dimethyl Disulfide	< 19	< 19	< 7.6	< 7.5	< 7.5	< 8.0	< 7.9	39 <sup>(5,6)</sup>	No
Hydrogen Sulfide	< 13	< 14	< 4.1	< 4.1	< 4.1	< 4.4	< 4.3	28	No
Methyl Mercaptan	< 19	< 20	< 7.8	< 7.7	< 7.6	< 8.2	< 8.1	9.8 <sup>(5,6)</sup>	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 7/14/2025 -7/21/2025 FINAL REMEDY CONSTRUCTION ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria ( $\mu\text{g}/\text{m}^3$ ) <sup>(1)</sup>	Detection Exceeds Comparison
	FR-AA-05								
	7/14-7/15/2025	7/15-7/16/2025	7/16-7/17/2025	7/17-7/18/2025	7/18-7/19/2025	7/19-7/20/2025	7/20-7/21/2025		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
<b>Volatile Organic Compounds</b>									
1,1,1-Trichloroethane (TCA)	< 1.0	< 1.0	< 1.2	< 0.94	< 1.0	< 0.99	< 1.1	3,800	No
1,1,2,2-Tetrachloroethane	< 1.1	< 1.1	< 1.2	< 0.98	< 1.1	< 1.0	< 1.1	83 <sup>(2)</sup>	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 1.1	< 1.1	< 1.2	< 1.0	< 1.1	< 1.1	< 1.2	11	No
1,1-Dichloroethane (Ethylidene Dichloride)	< 1.0	< 1.0	< 1.2	< 0.94	< 1.0	< 0.99	< 1.1	830 <sup>(2)</sup>	No
1,1-Dichloroethene (1,1-DCE)	< 0.92	< 0.89	< 1.0	< 0.83	< 0.90	< 0.87	< 0.96	4.0	No
1,2,4-Trimethylbenzene	< 1.1	< 1.0	< 1.2	< 0.96	< 1.0	< 1.0	< 1.1	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.43	< 0.41	< 0.47	< 0.38	< 0.41	< 0.40	< 0.44	1.9	No
1,2-Dichloropropane	< 1.1	< 1.0	< 1.2	< 0.97	< 1.1	< 1.0	< 1.1	9.2	No
1,3,5-Trimethylbenzene	< 1.1	< 1.1	< 1.2	< 0.98	< 1.1	< 1.0	< 1.1	4.0	No
1,3-Butadiene	< 1.1	< 1.0	< 1.2	< 0.96	< 1.0	< 1.0	< 1.1	2.0	No
1,4-Dichlorobenzene	< 1.1	< 1.0	< 1.2	< 0.96	< 1.0	< 1.0	< 1.1	1,200	No
1,4-Dioxane	< 1.1	< 1.0	< 1.2	< 0.96	< 1.0	< 1.0	< 1.1	720	No
2-Butanone (MEK)	< 2.1	< 2.0	< 2.3	< 1.9	< 2.0	< 2.0	< 2.2	5,200 <sup>(3)</sup>	No
2-Hexanone	< 2.1	< 2.0	< 2.3	< 1.9	< 2.0	< 2.0	< 2.2	31 <sup>(3)</sup>	No
4-Methyl-2-pentanone	< 2.1	< 2.1	< 2.4	< 1.9	< 2.1	< 2.0	< 2.2	3,100 <sup>(3)</sup>	No
Acetone	< 10	< 10	16	< 9.3	< 10	< 9.8	< 11	19,000 <sup>(4)</sup>	No
Acrolein	< 0.63	< 0.61	0.73	< 0.56	< 0.61	< 0.60	< 0.65	0.92	No
Acrylonitrile	< 0.51	< 0.49	< 0.56	< 0.46	< 0.49	< 0.48	< 0.53	2.0	No
Benzene	< 2.0	< 2.0	< 2.3	< 1.8	< 2.0	< 1.9	< 2.1	19	No
Bromomethane	< 1.0	< 1.0	< 1.2	< 0.93	< 1.0	< 0.98	< 1.1	78	No
Carbon Disulfide	< 2.1	< 2.0	< 2.3	< 1.9	< 2.0	< 2.0	< 2.2	800	No
Carbon Tetrachloride	< 1.0	< 1.0	< 1.2	< 0.93	< 1.0	< 0.98	< 1.1	190	No
Chlorobenzene	< 1.1	< 1.0	< 1.2	< 0.97	< 1.1	< 1.0	< 1.1	1,000	No
Chloroethane (Ethyl Chloride)	< 1.1	< 1.1	< 1.2	< 1.0	< 1.1	< 1.1	< 1.2	34,000	No
Chloroform	< 1.1	< 1.0	< 1.2	< 0.96	< 1.0	< 1.0	< 1.1	3.9	No
Chloromethane	1.2	1.1	1.9	< 0.96	1.6	1.5	< 1.1	620	No
cis-1,2-Dichloroethene	< 1.0	< 1.0	< 1.2	< 0.94	< 1.0	< 0.99	< 1.1	8.3 <sup>(2)</sup>	No
Cumene (Isopropylbenzene)	< 1.1	< 1.0	< 1.2	< 0.96	< 1.0	< 1.0	< 1.1	420 <sup>(3)</sup>	No
Dichloromethane (Methylene Chloride)	< 0.92	< 0.89	14	< 0.83	< 0.90	< 0.87	< 0.96	1,000	No
Ethylbenzene	< 1.1	< 1.1	< 1.2	< 0.99	< 1.1	< 1.0	< 1.1	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.13	< 0.12	< 0.14	< 0.11	< 0.12	< 0.12	< 0.13	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 1.0	< 0.99	< 1.1	< 0.92	< 0.99	< 0.97	< 1.1	400	No
Isopropyl Alcohol (Isopropanol)	< 8.3	< 8.0	< 9.3	< 7.5	< 8.1	< 7.9	< 8.7	7,000	No
m,p-Xylenes	< 2.2	< 2.1	< 2.4	< 1.9	< 2.1	< 2.1	< 2.3	2,600	No
Methyl Methacrylate	< 2.2	< 2.1	< 2.4	< 1.9	< 2.1	< 2.0	< 2.2	730 <sup>(3)</sup>	No
Methyl tert-Butyl Ether	< 1.1	< 1.0	< 1.2	< 0.96	< 1.0	< 1.0	< 1.1	3,600	No
Naphthalene	< 2.1	< 2.0	< 2.3	< 1.9	< 2.0	< 2.0	< 2.2	9.0	No
n-Hexane	< 1.1	< 1.0	< 1.2	< 0.95	< 1.0	< 1.0	< 1.1	1,400	No
n-Nonane	< 1.1	< 1.0	< 1.2	< 0.96	< 1.0	< 1.0	< 1.1	21 <sup>(3)</sup>	No
o-Xylene	< 1.1	< 1.1	< 1.2	< 0.98	< 1.1	< 1.0	< 1.1	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 1.1	< 1.0	< 1.2	< 0.96	< 1.0	< 1.0	< 1.1	3,000	No
Styrene	< 1.1	< 1.0	< 1.2	< 0.96	< 1.0	< 1.0	< 1.1	900	No
Tetrachloroethene (PCE)	< 1.1	< 1.0	< 1.2	< 0.97	< 1.1	< 1.0	< 1.1	41	No
Toluene	< 1.1	< 1.1	< 1.2	1.7	< 1.1	< 1.0	< 1.1	420	No
Trichloroethene (TCE)	< 1.1	< 1.0	< 1.2	< 0.96	< 1.0	< 1.0	< 1.1	2.2	No
Trichlorofluoromethane (CFC 11)	1.1	1.1	2.1	1.2	1.2	1.1	1.1	1,300 <sup>(2)</sup>	No
Trichlorotrifluoroethane	< 0.93	< 0.90	1.2	< 0.84	< 0.91	< 0.88	< 0.97	5,200 <sup>(3)</sup>	No
Vinyl Acetate	< 11	< 10	< 12	< 9.6	< 10	< 10	< 11	2,500	No
Vinyl Chloride	< 1.1	< 1.0	< 1.2	< 0.96	< 1.0	< 1.0	< 1.1	51	No
<b>Sulfur Compounds</b>									
Carbon Disulfide	< 16	< 15	< 5.8	< 5.7	< 6.1	< 6.0	< 6.6	800	No
Carbonyl Sulfide	< 25	< 24	< 8.7	< 8.5	< 9.2	< 9.0	< 9.8	10	No
Dimethyl Sulfide	< 26	< 25	< 9.5	< 9.2	< 10	< 9.8	< 11	1270 <sup>(5)</sup>	No
Dimethyl Disulfide	< 20	< 19	< 7.2	< 7.0	< 7.6	< 7.4	< 8.1	39 <sup>(5,6)</sup>	No
Hydrogen Sulfide	< 14	< 14	< 3.9	< 3.8	< 4.1	< 4.0	< 4.4	28	No
Methyl Mercaptan	< 20	< 19	< 7.4	< 7.2	< 7.7	< 7.6	< 8.3	9.8 <sup>(5,6)</sup>	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 7/14/2025 -7/21/2025 FINAL REMEDY CONSTRUCTION ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria ( $\mu\text{g}/\text{m}^3$ ) <sup>(1)</sup>	Detection Exceeds Comparison
	FR-AA-06								
	7/14-7/15/2025	7/15-7/16/2025	7/16-7/17/2025	7/17-7/18/2025	7/18-7/19/2025	7/19-7/20/2025	7/20-7/21/2025		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
<b>Volatile Organic Compounds</b>									
1,1,1-Trichloroethane (TCA)	< 1.1	< 1.0	< 1.0	< 1.1	< 1.1	< 1.1	< 0.98	3,800	No
1,1,2,2-Tetrachloroethane	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.0	83 <sup>(2)</sup>	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 1.1	< 1.1	< 1.1	< 1.2	< 1.1	< 1.1	< 1.0	11	No
1,1-Dichloroethane (Ethylidene Dichloride)	< 1.1	< 1.0	< 1.0	< 1.1	< 1.1	< 1.1	< 0.98	830 <sup>(2)</sup>	No
1,1-Dichloroethene (1,1-DCE)	< 0.95	< 0.91	< 0.89	< 0.96	< 0.93	< 0.93	< 0.86	4.0	No
1,2,4-Trimethylbenzene	< 1.1	< 1.1	< 1.0	< 1.1	< 1.1	< 1.1	< 1.0	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.44	< 0.42	< 0.41	< 0.44	< 0.43	< 0.43	< 0.40	1.9	No
1,2-Dichloropropane	< 1.1	< 1.1	< 1.0	< 1.1	< 1.1	< 1.1	< 1.0	9.2	No
1,3,5-Trimethylbenzene	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.0	4.0	No
1,3-Butadiene	< 1.1	< 1.1	< 1.0	< 1.1	< 1.1	< 1.1	< 1.0	2.0	No
1,4-Dichlorobenzene	< 1.1	< 1.1	< 1.0	< 1.1	< 1.1	< 1.1	< 1.0	1,200	No
1,4-Dioxane	< 1.1	< 1.1	< 1.0	< 1.1	< 1.1	< 1.1	< 1.0	720	No
2-Butanone (MEK)	< 2.1	< 2.1	< 2.0	< 2.2	< 2.1	< 2.1	< 1.9	5,200 <sup>(3)</sup>	No
2-Hexanone	< 2.2	< 2.1	< 2.0	< 2.2	< 2.1	< 2.1	< 2.0	31 <sup>(3)</sup>	No
4-Methyl-2-pentanone	< 2.2	< 2.1	< 2.1	< 2.2	< 2.2	< 2.2	< 2.0	3,100 <sup>(3)</sup>	No
Acetone	< 11	< 10	< 10	< 11	< 10	< 10	< 9.7	19,000 <sup>(4)</sup>	No
Acrolein	< 0.65	< 0.62	< 0.61	< 0.65	< 0.64	< 0.64	< 0.59	0.92	No
Acrylonitrile	< 0.52	< 0.50	< 0.49	< 0.53	< 0.51	< 0.51	< 0.48	2.0	No
Benzene	< 2.1	< 2.0	< 2.0	< 2.1	< 2.1	< 2.1	< 1.9	19	No
Bromomethane	< 1.1	< 1.0	< 1.0	< 1.1	< 1.0	< 1.0	< 0.97	78	No
Carbon Disulfide	< 2.2	< 2.1	< 2.0	< 2.2	< 2.1	< 2.1	< 2.0	800	No
Carbon Tetrachloride	< 1.1	< 1.0	< 1.0	< 1.1	< 1.0	< 1.0	< 0.97	190	No
Chlorobenzene	< 1.1	< 1.1	< 1.0	< 1.1	< 1.1	< 1.1	< 1.0	1,000	No
Chloroethane (Ethyl Chloride)	< 1.1	< 1.1	< 1.1	< 1.2	< 1.1	< 1.1	< 1.0	34,000	No
Chloroform	< 1.1	< 1.1	< 1.0	< 1.1	< 1.1	< 1.1	< 1.0	3.9	No
Chloromethane	1.3	< 1.1	1.2	< 1.1	1.5	1.5	< 1.0	620	No
cis-1,2-Dichloroethene	< 1.1	< 1.0	< 1.0	< 1.1	< 1.1	< 1.1	< 0.98	8.3 <sup>(2)</sup>	No
Cumene (Isopropylbenzene)	< 1.1	< 1.1	< 1.0	< 1.1	< 1.1	< 1.1	< 1.0	420 <sup>(3)</sup>	No
Dichloromethane (Methylene Chloride)	< 0.95	< 0.91	< 0.89	< 0.96	< 0.93	< 0.93	< 0.86	1,000	No
Ethylbenzene	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.0	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.13	< 0.12	< 0.12	< 0.13	< 0.13	< 0.13	< 0.12	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 1.1	< 1.0	< 0.99	< 1.1	< 1.0	< 1.0	< 0.96	400	No
Isopropyl Alcohol (Isopropanol)	< 8.6	< 8.2	< 8.0	< 8.7	< 8.4	< 8.4	< 7.8	7,000	No
m,p-Xylenes	< 2.2	< 2.2	< 2.1	< 2.3	< 2.2	< 2.2	< 2.0	2,600	No
Methyl Methacrylate	< 2.2	< 2.1	< 2.1	< 2.2	< 2.2	< 2.2	< 2.0	730 <sup>(3)</sup>	No
Methyl tert-Butyl Ether	< 1.1	< 1.1	< 1.0	< 1.1	< 1.1	< 1.1	< 1.0	3,600	No
Naphthalene	< 2.1	< 2.1	< 2.0	< 2.2	< 2.1	< 2.1	< 1.9	9.0	No
n-Hexane	< 1.1	< 1.0	< 1.0	< 1.1	< 1.1	< 1.1	< 0.99	1,400	No
n-Nonane	< 1.1	< 1.1	< 1.0	< 1.1	< 1.1	< 1.1	< 1.0	21 <sup>(3)</sup>	No
o-Xylene	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.0	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 1.1	< 1.1	< 1.0	< 1.1	< 1.1	< 1.1	< 1.0	3,000	No
Styrene	< 1.1	< 1.1	< 1.0	< 1.1	< 1.1	< 1.1	< 1.0	900	No
Tetrachloroethene (PCE)	< 1.1	< 1.1	< 1.0	< 1.1	< 1.1	< 1.1	< 1.0	41	No
Toluene	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	1.5	420	No
Trichloroethene (TCE)	< 1.1	< 1.1	< 1.0	< 1.1	< 1.1	< 1.1	< 1.0	2.2	No
Trichlorofluoromethane (CFC 11)	1.3	1.0	1.2	1.3	1.2	1.1	1.1	1,300 <sup>(2)</sup>	No
Trichlorotrifluoroethane	< 0.96	< 0.92	< 0.90	< 0.97	< 0.94	< 0.94	< 0.87	5,200 <sup>(3)</sup>	No
Vinyl Acetate	< 11	< 11	< 10	< 11	< 11	< 11	< 10	2,500	No
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