

No concentrations exceeded health-based screening levels

**WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
12/2/2024 - 12/9/2024
FINAL REMEDY CONSTRUCTION
ASCEN LANDFILL SITE**

Target Chemicals	STATION ID							Comparison Criteria ($\mu\text{g}/\text{m}^3$) ⁽¹⁾	Detection Exceeds Comparison
	COM-AA-01								
	12/2-12/3/2024	12/3-12/4/2024	12/4-12/5/2024	12/5-12/6/2024	12/6-12/7/2024	12/7-12/8/2024	12/8-12/9/2024		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
Volatile Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 0.84	< 0.93	< 0.90	< 1.0	< 1.0	< 1.0	< 1.1	3,800	No
1,1,2,2-Tetrachloroethane	< 0.87	< 0.96	< 0.94	< 1.1	< 1.1	< 1.1	< 1.2	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 0.89	< 0.98	< 0.96	< 1.1	< 1.1	< 1.1	< 1.2	11	No
1,1-Dichloroethane (Ethylidene Dichloride)	< 0.84	< 0.93	< 0.90	< 1.0	< 1.0	< 1.0	< 1.1	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 0.72	< 0.80	< 0.78	< 0.90	< 0.89	< 0.89	< 0.97	4.0	No
1,2,4-Trimethylbenzene	< 0.84	< 0.93	< 0.90	< 1.0	< 1.0	1.1	< 1.1	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.34	< 0.37	< 0.37	< 0.42	< 0.41	< 0.42	< 0.45	1.9	No
1,2-Dichloropropane	< 0.87	< 0.96	< 0.94	< 1.1	< 1.1	< 1.1	< 1.2	9.2	No
1,3,5-Trimethylbenzene	< 0.87	< 0.96	< 0.94	< 1.1	< 1.1	< 1.1	< 1.2	4.0	No
1,3-Butadiene	< 0.85	< 0.94	< 0.92	< 1.1	< 1.0	< 1.0	< 1.1	2.0	No
1,4-Dichlorobenzene	< 0.84	< 0.93	< 0.90	< 1.0	< 1.0	< 1.0	< 1.1	1,200	No
1,4-Dioxane	< 0.84	< 0.93	< 0.90	< 1.0	< 1.0	< 1.0	< 1.1	720	No
2-Butanone (MEK)	< 1.6	< 1.8	< 1.8	< 2.0	< 2.0	2.0	< 2.2	5,200 ⁽³⁾	No
2-Hexanone	< 1.6	< 1.8	< 1.8	< 2.0	< 2.0	< 2.0	< 2.2	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 1.7	< 1.9	< 1.8	< 2.1	< 2.1	< 2.1	< 2.3	3,100 ⁽³⁾	No
Acetone	14	< 9.1	13	13	15	27	< 11	19,000 ⁽⁴⁾	No
Acrolein	< 0.50	< 0.55	< 0.54	< 0.62	< 0.61	< 0.61	< 0.67	0.92	No
Acrylonitrile	< 0.40	< 0.45	< 0.44	< 0.50	< 0.49	< 0.50	< 0.54	2.0	No
Benzene	1.0	< 0.91	0.93	1.2	1.4	3.2	< 1.1	19	No
Bromomethane	< 0.82	< 0.91	< 0.89	< 1.0	< 1.0	< 1.0	< 1.1	78	No
Carbon Disulfide	< 1.7	< 1.9	< 1.8	< 2.1	< 2.0	< 2.1	< 2.2	800	No
Carbon Tetrachloride	< 0.84	< 0.93	< 0.90	< 1.0	< 1.0	< 1.0	< 1.1	190	No
Chlorobenzene	< 0.87	< 0.96	< 0.94	< 1.1	< 1.1	< 1.1	< 1.2	1,000	No
Chloroethane (Ethyl Chloride)	< 0.89	< 0.98	< 0.96	< 1.1	< 1.1	< 1.1	< 1.2	34,000	No
Chloroform	< 0.87	< 0.96	< 0.94	< 1.1	< 1.1	< 1.1	< 1.2	3.9	No
Chloromethane	1.2	< 0.96	< 0.94	< 1.1	2.1	< 1.1	< 1.2	620	No
cis-1,2-Dichloroethene	< 0.84	< 0.93	< 0.90	< 1.0	< 1.0	< 1.0	< 1.1	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 0.84	< 0.93	< 0.90	< 1.0	< 1.0	< 1.0	< 1.1	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 0.74	0.98	< 0.80	< 0.92	< 0.91	1.2	< 0.99	1,000	No
Ethylbenzene	< 0.89	< 0.98	< 0.96	< 1.1	< 1.1	1.1	< 1.2	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.10	< 0.11	< 0.11	< 0.12	< 0.12	< 0.12	< 0.13	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.82	< 0.91	< 0.89	< 1.0	< 1.0	< 1.0	< 1.1	400	No
Isopropyl Alcohol (Isopropanol)	4.4	< 1.8	2.6	< 2.0	2.2	4.9	< 2.1	7,000	No
m,p-Xylenes	< 1.7	< 1.9	< 1.9	< 2.1	< 2.1	3.4	< 2.3	2,600	No
Methyl Methacrylate	< 1.7	< 1.9	< 1.8	< 2.1	< 2.1	< 2.1	< 2.3	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 0.87	< 0.96	< 0.94	< 1.1	< 1.1	< 1.1	< 1.2	3,600	No
Naphthalene	< 0.82	< 0.91	< 0.89	< 1.0	< 1.0	< 1.0	< 1.1	9.0	No
n-Hexane	< 0.85	< 0.94	< 0.92	< 1.1	1.5	2.5	< 1.1	1,400	No
n-Nonane	< 0.84	< 0.93	< 0.90	< 1.0	< 1.0	< 1.0	< 1.1	21 ⁽³⁾	No
o-Xylene	< 0.87	< 0.96	< 0.94	< 1.1	< 1.1	1.3	< 1.2	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 0.85	< 0.94	< 0.92	1.8	< 1.0	4.4	< 1.1	3,000	No
Styrene	< 0.85	< 0.94	< 0.92	< 1.1	< 1.0	< 1.0	< 1.1	900	No
Tetrachloroethene (PCE)	< 0.87	< 0.96	< 0.94	< 1.1	< 1.1	< 1.1	< 1.2	41	No
Toluene	2.6	< 0.96	2.2	1.5	3.6	6.0	< 1.2	420	No
Trichloroethene (TCE)	< 0.84	< 0.93	< 0.90	< 1.0	< 1.0	< 1.0	< 1.1	2.2	No
Trichlorofluoromethane (CFC 11)	0.91	1.2	1.2	1.2	< 1.0	1.2	1.1	1,300 ⁽²⁾	No
Trichlorotrifluoroethane	< 0.72	< 0.80	< 0.78	< 0.90	< 0.89	< 0.89	< 0.97	5,200 ⁽³⁾	No
Vinyl Acetate	< 8.6	< 9.6	< 9.3	< 11	< 11	< 11	< 12	2,500	No
Vinyl Chloride	< 0.85	< 0.94	< 0.92	< 1.1	< 1.0	< 1.0	< 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.

**WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
12/2/2024 - 12/9/2024
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								
	12/2-12/3/2024	12/3-12/4/2024	12/4-12/5/2024	12/5-12/6/2024	12/6-12/7/2024	12/7-12/8/2024	12/8-12/9/2024		
24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
Volatile Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 0.70	< 0.88	< 0.88	< 0.97	< 1.2	< 0.99	< 1.1	3,800	No
1,1,2,2-Tetrachloroethane	< 0.72	< 0.91	< 0.92	< 1.0	< 1.3	< 1.0	< 1.1	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 0.74	< 0.93	< 0.94	< 1.0	< 1.3	< 1.0	< 1.1	11	No
1,1-Dichloroethane (Ethylidene Dichloride)	< 0.70	< 0.88	< 0.88	< 0.97	< 1.2	< 0.99	< 1.1	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 0.60	< 0.76	< 0.77	< 0.84	< 1.1	< 0.86	< 0.93	4.0	No
1,2,4-Trimethylbenzene	< 0.70	< 0.88	< 0.88	< 0.97	< 1.2	1.1	< 1.1	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	2.8	< 0.35	< 0.36	< 0.39	< 0.49	< 0.4	< 0.43	1.9	Yes
1,2-Dichloropropane	< 0.72	< 0.91	< 0.92	< 1.0	< 1.3	< 1.0	< 1.1	9.2	No
1,3,5-Trimethylbenzene	< 0.72	< 0.91	< 0.92	< 1.0	< 1.3	< 1.0	< 1.1	4.0	No
1,3-Butadiene	< 0.71	< 0.90	< 0.90	< 0.99	< 1.2	< 1.0	< 1.1	2.0	No
1,4-Dichlorobenzene	< 0.70	< 0.88	< 0.88	< 0.97	< 1.2	< 0.99	< 1.1	1,200	No
1,4-Dioxane	< 0.70	< 0.88	< 0.88	< 0.97	< 1.2	< 0.99	< 1.1	720	No
2-Butanone (MEK)	< 1.4	< 1.7	< 1.7	< 1.9	< 2.4	< 1.9	< 2.1	5,200 ⁽³⁾	No
2-Hexanone	< 1.4	< 1.7	< 1.7	< 1.9	< 2.4	< 1.9	< 2.1	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 1.4	< 1.8	< 1.8	< 2.0	< 2.5	< 2.0	< 2.2	3,100 ⁽³⁾	No
Acetone	14	< 8.6	16	14	33	25	< 11	19,000 ⁽⁴⁾	No
Acrolein	< 0.42	< 0.52	< 0.53	< 0.58	< 0.73	< 0.59	< 0.64	0.92	No
Acrylonitrile	< 0.34	< 0.42	< 0.43	< 0.47	< 0.59	< 0.48	< 0.52	2.0	No
Benzene	0.93	< 0.86	0.88	1.3	1.7	3.0	1.3	19	No
Bromomethane	< 0.68	< 0.86	< 0.87	< 0.95	< 1.2	< 0.97	< 1.1	78	No
Carbon Disulfide	< 1.4	< 1.8	< 1.8	< 1.9	< 2.4	< 2.0	< 2.2	800	No
Carbon Tetrachloride	< 0.70	< 0.88	< 0.88	< 0.97	< 1.2	< 0.99	< 1.1	190	No
Chlorobenzene	< 0.72	< 0.91	< 0.92	< 1.0	< 1.3	< 1.0	< 1.1	1,000	No
Chloroethane (Ethyl Chloride)	< 0.74	< 0.93	< 0.94	< 1.0	< 1.3	< 1.0	< 1.1	34,000	No
Chloroform	< 0.72	< 0.91	< 0.92	< 1.0	< 1.3	< 1.0	< 1.1	3.9	No
Chloromethane	1.1	< 0.91	< 0.92	< 1.0	1.8	< 1.0	< 1.1	620	No
cis-1,2-Dichloroethene	< 0.70	< 0.88	< 0.88	< 0.97	< 1.2	< 0.99	< 1.1	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 0.70	< 0.88	< 0.88	< 0.97	< 1.2	< 0.99	< 1.1	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 0.62	< 0.78	< 0.78	< 0.86	1.2	0.88	< 0.95	1,000	No
Ethylbenzene	< 0.74	< 0.93	< 0.94	< 1.0	< 1.3	< 1.0	< 1.1	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.083	< 0.10	< 0.11	< 0.12	< 0.15	< 0.12	< 0.13	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.68	< 0.86	< 0.87	< 0.95	< 1.2	< 0.97	< 1.1	400	No
Isopropyl Alcohol (Isopropanol)	3.4	< 1.7	2.5	< 1.8	4.8	4.8	< 2.0	7,000	No
m,p-Xylenes	< 1.4	< 1.8	< 1.8	< 2.0	< 2.5	3.4	< 2.2	2,600	No
Methyl Methacrylate	< 1.4	< 1.8	< 1.8	< 2.0	< 2.5	< 2.0	< 2.2	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 0.72	< 0.91	< 0.92	< 1.0	< 1.3	< 1.0	< 1.1	3,600	No
Naphthalene	9.4	< 0.86	< 0.87	< 0.95	< 1.2	< 0.97	< 1.1	9.0	Yes
n-Hexane	0.76	< 0.90	< 0.90	< 0.99	1.6	2.5	< 1.1	1,400	No
n-Nonane	< 0.70	< 0.88	< 0.88	< 0.97	< 1.2	< 0.99	< 1.1	21 ⁽³⁾	No
o-Xylene	< 0.72	< 0.91	< 0.92	< 1.0	< 1.3	1.3	< 1.1	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 0.71	< 0.90	< 0.90	1.7	< 1.2	5.0	< 1.1	3,000	No
Styrene	< 0.71	< 0.90	< 0.90	< 0.99	< 1.2	< 1.0	< 1.1	900	No
Tetrachloroethene (PCE)	< 0.72	< 0.91	< 0.92	< 1.0	< 1.3	< 1.0	< 1.1	41	No
Toluene	2.2	< 0.91	1.9	1.6	3.9	5.6	< 1.1	420	No
Trichloroethene (TCE)	< 0.70	< 0.88	< 0.88	< 0.97	< 1.2	< 0.99	< 1.1	2.2	No
Trichlorofluoromethane (CFC 11)	0.91	1.1	1.3	1.2	1.7	1.3	1.2	1,300 ⁽²⁾	No
Trichlorotrifluoroethane	< 0.60	< 0.76	< 0.77	< 0.84	< 1.1	< 0.86	< 0.93	5,200 ⁽³⁾	No
Vinyl Acetate	< 7.2	< 9.1	< 9.1	< 10	< 13	< 10	< 11	2,500	No
Vinyl Chloride	< 0.71	< 0.90	< 0.90	< 0.99	< 1.2	< 1.0	< 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.

Readings of 1,2-dibromo-3-chloropropane (DBCP) and naphthalene at offsite station COM-AA-02 were higher than its comparison criteria on 12/2-12/3. There were no other detections of either chemical at any onsite or offsite station during the week. A short-term reading above the screening level does not mean there is a public health risk as screening levels 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 12/2/2024 - 12/9/2024 FINAL REMEDY CONSTRUCTION ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria ($\mu\text{g}/\text{m}^3$) ⁽¹⁾	Detection Exceeds Comparison
	COM-AA-03								
	12/2-12/3/2024	12/3-12/4/2024	12/4-12/5/2024	12/5-12/6/2024	12/6-12/7/2024	12/7-12/8/2024	12/8-12/9/2024		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
Volatile Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 0.92	< 0.91	< 0.91	< 0.86	< 1.0	< 0.90	< 0.74	3,800	No
1,1,2,2-Tetrachloroethane	< 0.96	< 0.95	< 0.95	< 0.90	< 1.0	< 0.93	< 0.77	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 0.97	< 0.96	< 0.96	< 0.91	< 1.1	< 0.95	< 0.78	11	No
1,1-Dichloroethane (Ethylidene Dichloride)	< 0.92	< 0.91	< 0.91	< 0.86	< 1.0	< 0.90	< 0.74	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 0.80	< 0.79	< 0.79	< 0.75	< 0.86	< 0.78	< 0.64	4.0	No
1,2,4-Trimethylbenzene	< 0.92	< 0.91	< 0.91	< 0.86	< 1.0	1.2	< 0.74	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.37	< 0.37	< 0.37	< 0.35	< 0.40	< 0.36	< 0.30	1.9	No
1,2-Dichloropropane	< 0.96	< 0.95	< 0.95	< 0.90	< 1.0	< 0.93	< 0.77	9.2	No
1,3,5-Trimethylbenzene	< 0.96	< 0.95	< 0.95	< 0.90	< 1.0	< 0.93	< 0.77	4.0	No
1,3-Butadiene	< 0.94	< 0.93	< 0.93	< 0.88	< 1.0	< 0.92	< 0.75	2.0	No
1,4-Dichlorobenzene	< 0.92	< 0.91	< 0.91	< 0.86	< 1.0	< 0.90	< 0.74	1,200	No
1,4-Dioxane	< 0.92	< 0.91	< 0.91	< 0.86	< 1.0	< 0.90	< 0.74	720	No
2-Butanone (MEK)	< 1.8	< 1.8	< 1.8	< 1.7	< 2.0	< 1.8	< 1.4	5,200 ⁽³⁾	No
2-Hexanone	< 1.8	< 1.8	< 1.8	< 1.7	< 2.0	< 1.8	< 1.4	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 1.9	< 1.8	< 1.8	< 1.7	< 2.0	< 1.8	< 1.5	3,100 ⁽³⁾	No
Acetone	15	< 8.9	15	15	22	26	< 7.3	19,000 ⁽⁴⁾	No
Acrolein	< 0.55	< 0.54	< 0.54	< 0.51	< 0.59	< 0.54	< 0.44	0.92	No
Acrylonitrile	< 0.44	< 0.44	< 0.44	< 0.42	< 0.48	< 0.43	< 0.36	2.0	No
Benzene	1.0	< 0.89	0.97	1.5	1.8	3.5	0.82	19	No
Bromomethane	< 0.90	< 0.89	< 0.89	< 0.85	< 0.98	< 0.88	< 0.72	78	No
Carbon Disulfide	< 1.8	< 1.8	< 1.8	< 1.7	< 2.0	< 1.8	< 1.5	800	No
Carbon Tetrachloride	< 0.92	< 0.91	< 0.91	< 0.86	< 1.0	< 0.90	< 0.74	190	No
Chlorobenzene	< 0.96	< 0.95	< 0.95	< 0.90	< 1.0	< 0.93	< 0.77	1,000	No
Chloroethane (Ethyl Chloride)	< 0.97	< 0.96	< 0.96	< 0.91	< 1.1	< 0.95	< 0.78	34,000	No
Chloroform	< 0.96	< 0.95	< 0.95	< 0.90	< 1.0	< 0.93	< 0.77	3.9	No
Chloromethane	1.2	< 0.95	< 0.95	< 0.90	1.2	< 0.93	< 0.77	620	No
cis-1,2-Dichloroethene	< 0.92	< 0.91	< 0.91	< 0.86	< 1.0	< 0.90	< 0.74	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 0.92	< 0.91	< 0.91	< 0.86	< 1.0	< 0.90	< 0.74	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 0.81	< 0.81	< 0.81	< 0.76	< 0.88	0.92	< 0.65	1,000	No
Ethylbenzene	< 0.97	< 0.96	< 0.96	< 0.91	< 1.1	1.1	< 0.78	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.11	< 0.11	< 0.11	< 0.10	< 0.12	< 0.11	< 0.088	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.90	< 0.89	< 0.89	< 0.85	< 0.98	< 0.88	< 0.72	400	No
Isopropyl Alcohol (Isopropanol)	3.5	< 1.7	2.3	< 1.6	3.3	4.1	< 1.4	7,000	No
m,p-Xylenes	< 1.9	< 1.9	< 1.9	< 1.8	< 2.1	3.5	< 1.5	2,600	No
Methyl Methacrylate	< 1.9	< 1.9	< 1.9	< 1.8	< 2.0	< 1.8	< 1.5	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 0.96	< 0.95	< 0.95	< 0.90	< 1.0	< 0.93	< 0.77	3,600	No
Naphthalene	< 0.90	< 0.89	< 0.89	< 0.85	< 0.98	< 0.88	< 0.72	9.0	No
n-Hexane	< 0.94	< 0.93	< 0.93	0.89	1.9	2.6	< 0.75	1,400	No
n-Nonane	< 0.92	< 0.91	< 0.91	< 0.86	< 1.0	< 0.90	< 0.74	21 ⁽³⁾	No
o-Xylene	< 0.96	< 0.95	< 0.95	< 0.90	< 1.0	1.3	< 0.77	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 0.94	< 0.93	< 0.93	1.9	< 1.0	4.5	0.93	3,000	No
Styrene	< 0.94	< 0.93	< 0.93	< 0.88	< 1.0	< 0.92	< 0.75	900	No
Tetrachloroethene (PCE)	< 0.96	< 0.95	< 0.95	< 0.90	< 1.0	< 0.93	< 0.77	41	No
Toluene	2.5	< 0.95	2.3	1.9	4.1	5.6	< 0.77	420	No
Trichloroethene (TCE)	< 0.92	< 0.91	< 0.91	< 0.86	< 1.0	< 0.90	< 0.74	2.2	No
Trichlorofluoromethane (CFC 11)	0.95	1.1	1.2	1.2	1.0	1.2	1.2	1,300 ⁽²⁾	No
Trichlorotrifluoroethane	< 0.80	< 0.79	< 0.79	< 0.75	< 0.86	< 0.78	< 0.64	5,200 ⁽³⁾	No
Vinyl Acetate	< 9.5	< 9.4	< 9.4	< 8.9	< 10	< 9.3	< 7.6	2,500	No
Vinyl Chloride	< 0.94	< 0.93	< 0.93	< 0.88	< 1.0	< 0.92	< 0.75	51	No

Notes:

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(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 12/2/2024 - 12/9/2024 FINAL REMEDY CONSTRUCTION ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria ($\mu\text{g}/\text{m}^3$) ⁽¹⁾	Detection Exceeds Comparison
	COM-AA-04								
	12/2-12/3/2024	12/3-12/4/2024	12/4-12/5/2024	12/5-12/6/2024	12/6-12/7/2024	12/7-12/8/2024	12/8-12/9/2024		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
Volatile Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 0.88	< 0.95	< 0.88	< 1.0	< 1.0	< 1.0	< 1.1	3,800	No
1,1,2,2-Tetrachloroethane	< 0.92	< 0.98	< 0.92	< 1.0	< 1.1	< 1.1	< 1.2	83(2)	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 0.94	< 1.0	< 0.94	< 1.1	< 1.1	< 1.1	< 1.2	11	No
1,1-Dichloroethane (Ethylidene Dichloride)	< 0.88	< 0.95	< 0.88	< 1.0	< 1.0	< 1.0	< 1.1	830(2)	No
1,1-Dichloroethene (1,1-DCE)	< 0.77	< 0.82	< 0.77	< 0.86	< 0.88	< 0.89	< 0.97	4.0	No
1,2,4-Trimethylbenzene	< 0.88	< 0.95	< 0.88	< 1.0	< 1.0	< 1.0	< 1.1	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.36	< 0.38	< 0.36	< 0.4	< 0.41	< 0.42	< 0.45	1.9	No
1,2-Dichloropropane	< 0.92	< 0.98	< 0.92	< 1.0	< 1.1	< 1.1	< 1.2	9.2	No
1,3,5-Trimethylbenzene	< 0.92	< 0.98	< 0.92	< 1.0	< 1.1	< 1.1	< 1.2	4.0	No
1,3-Butadiene	< 0.90	< 0.96	< 0.90	< 1.0	< 1.0	< 1.0	< 1.1	2.0	No
1,4-Dichlorobenzene	< 0.88	< 0.95	< 0.88	< 1.0	< 1.0	< 1.0	< 1.1	1,200	No
1,4-Dioxane	< 0.88	< 0.95	< 0.88	< 1.0	< 1.0	< 1.0	< 1.1	720	No
2-Butanone (MEK)	< 1.7	< 1.9	< 1.7	< 2.0	< 2.0	< 2.0	< 2.2	5,200(3)	No
2-Hexanone	< 1.7	< 1.9	< 1.7	< 2.0	< 2.0	< 2.0	< 2.2	31(3)	No
4-Methyl-2-pentanone	< 1.8	< 1.9	< 1.8	< 2.0	< 2.1	< 2.1	< 2.3	3,100(3)	No
Acetone	16	< 9.3	15	15	14	25	< 11	19,000(4)	No
Acrolein	< 0.53	< 0.56	< 0.53	< 0.60	< 0.61	< 0.61	< 0.67	0.92	No
Acrylonitrile	< 0.43	< 0.46	< 0.43	< 0.48	< 0.49	< 0.50	< 0.54	2.0	No
Benzene	0.95	< 0.93	0.95	1.4	1.6	3.1	1.2	19	No
Bromomethane	< 0.87	< 0.93	< 0.87	< 0.98	< 1.0	< 1.0	< 1.1	78	No
Carbon Disulfide	< 1.8	< 1.9	< 1.8	< 2.0	< 2.0	< 2.1	< 2.2	800	No
Carbon Tetrachloride	< 0.88	< 0.95	< 0.88	< 1.0	< 1.0	< 1.0	< 1.1	190	No
Chlorobenzene	< 0.92	< 0.98	< 0.92	< 1.0	< 1.1	< 1.1	< 1.2	1,000	No
Chloroethane (Ethyl Chloride)	< 0.94	< 1.0	< 0.94	< 1.1	< 1.1	< 1.1	< 1.2	34,000	No
Chloroform	< 0.92	< 0.98	< 0.92	< 1.0	< 1.1	< 1.1	< 1.2	3.9	No
Chloromethane	1.1	< 0.98	< 0.92	< 1.0	1.3	< 1.1	< 1.2	620	No
cis-1,2-Dichloroethene	< 0.88	< 0.95	< 0.88	< 1.0	< 1.0	< 1.0	< 1.1	8.3(2)	No
Cumene (Isopropylbenzene)	< 0.88	< 0.95	< 0.88	< 1.0	< 1.0	< 1.0	< 1.1	420(3)	No
Dichloromethane (Methylene Chloride)	< 0.78	< 0.84	< 0.78	< 0.88	< 0.90	< 0.91	< 0.99	1,000	No
Ethylbenzene	< 0.94	< 1.0	< 0.94	< 1.1	< 1.1	< 1.1	< 1.2	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.11	< 0.11	< 0.11	< 0.12	< 0.12	< 0.12	< 0.13	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.87	< 0.93	< 0.87	< 0.98	< 1.0	< 1.0	< 1.1	400	No
Isopropyl Alcohol (Isopropanol)	3.9	2.5	2.7	< 1.9	2.5	4.4	< 2.1	7,000	No
m,p-Xylenes	< 1.8	< 1.9	< 1.8	< 2.1	< 2.1	3.0	< 2.3	2,600	No
Methyl Methacrylate	< 1.8	< 1.9	< 1.8	< 2.0	< 2.1	< 2.1	< 2.3	730(3)	No
Methyl tert-Butyl Ether	< 0.92	< 0.98	< 0.92	< 1.0	< 1.1	< 1.1	< 1.2	3,600	No
Naphthalene	< 0.87	< 0.93	< 0.87	< 0.98	< 1.0	< 1.0	< 1.1	9.0	No
n-Hexane	< 0.90	< 0.96	< 0.90	< 1.0	1.9	2.3	< 1.1	1,400	No
n-Nonane	< 0.88	< 0.95	< 0.88	< 1.0	< 1.0	< 1.0	< 1.1	21(3)	No
o-Xylene	< 0.92	< 0.98	< 0.92	< 1.0	< 1.1	1.2	< 1.2	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 0.90	1.2	< 0.90	1.9	< 1.0	4.8	< 1.1	3,000	No
Styrene	< 0.90	< 0.96	< 0.90	< 1.0	< 1.0	< 1.0	< 1.1	900	No
Tetrachloroethene (PCE)	< 0.92	< 0.98	< 0.92	< 1.0	< 1.1	< 1.1	< 1.2	41	No
Toluene	2.5	< 0.98	2.1	1.5	3.5	5.0	< 1.2	420	No
Trichloroethene (TCE)	< 0.88	< 0.95	< 0.88	< 1.0	< 1.0	< 1.0	< 1.1	2.2	No
Trichlorofluoromethane (CFC 11)	< 0.87	1.1	1.3	1.1	< 1.0	1.2	1.2	1,300(2)	No
Trichlorotrifluoroethane	< 0.77	< 0.82	< 0.77	< 0.86	< 0.88	< 0.89	< 0.97	5,200(3)	No
Vinyl Acetate	< 9.1	< 9.8	< 9.1	< 10	< 11	< 11	< 12	2,500	No
Vinyl Chloride	< 0.90	< 0.96	< 0.90	< 1.0	< 1.0	< 1.0	< 1.1	51	No

Notes:

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