

**WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
11/11/2024 - 11/18/2024
FINAL REMEDY CONSTRUCTION
ASCEN LANDFILL SITE**

Target Chemicals	STATION ID							Comparison Criteria (µg/m ³) ⁽¹⁾	Detection Exceeds Comparison
	CS-AA-01								
	11/11-11/12/2024	11/12-11/13/2024	11/13-11/14/2024	11/14-11/15/2024	11/15-11/16/2024	11/16-11/17/2024	11/17-11/18/2024		
24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours			
Volatile Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 0.98	< 1.0	< 0.97	< 1.2	< 0.94	< 1.1	< 0.98	3,800	No
1,1,2,2-Tetrachloroethane	< 1.0	< 1.0	< 1.0	< 1.2	< 0.98	< 1.1	< 1.0	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 1.0	< 1.1	< 1.0	< 1.2	< 1.0	< 1.1	< 1.0	11	No
1,1-Dichloroethane (Ethylidene Dichloride)	< 0.98	< 1.0	< 0.97	< 1.2	< 0.94	< 1.1	< 0.98	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 0.85	< 0.86	< 0.84	< 1.0	< 0.81	< 0.91	< 0.85	4.0	No
1,2,4-Trimethylbenzene	< 0.98	< 1.0	< 0.97	< 1.2	< 0.94	< 1.1	< 0.98	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.39	< 0.40	< 0.39	< 0.47	< 0.38	< 0.43	< 0.40	1.9	No
1,2-Dichloropropane	< 1.0	< 1.0	< 1.0	< 1.2	< 0.98	< 1.1	< 1.0	9.2	No
1,3,5-Trimethylbenzene	< 1.0	< 1.0	< 1.0	< 1.2	< 0.98	< 1.1	< 1.0	4.0	No
1,3-Butadiene	< 1.0	< 1.0	< 0.99	< 1.2	< 0.96	< 1.1	< 1.0	2.0	No
1,4-Dichlorobenzene	< 0.98	< 1.0	< 0.97	< 1.2	< 0.94	< 1.1	< 0.98	1,200	No
1,4-Dioxane	< 0.98	< 1.0	< 0.97	< 1.2	< 0.94	< 1.1	< 0.98	720	No
2-Butanone (MEK)	< 1.9	< 2.0	< 1.9	< 2.3	< 1.8	< 2.1	< 1.9	5,200 ⁽³⁾	No
2-Hexanone	< 1.9	< 2.0	< 1.9	< 2.3	< 1.8	< 2.1	< 1.9	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 2.0	< 2.0	< 2.0	< 2.4	< 1.9	< 2.1	< 2.0	3,100 ⁽³⁾	No
Acetone	< 9.6	16	22	< 11	9.5	16	< 9.7	19,000 ⁽⁴⁾	No
Acrolein	< 0.58	< 0.60	< 0.58	< 0.69	< 0.56	< 0.63	< 0.59	0.92	No
Acrylonitrile	4.7	< 0.48	< 0.47	< 0.56	< 0.45	< 0.51	< 0.47	2.0	Yes
Benzene	< 0.96	< 0.98	1.1	< 1.1	< 0.92	< 1.0	< 0.96	19	No
Bromomethane	< 0.96	< 0.98	< 0.95	< 1.1	< 0.92	< 1.0	< 0.96	78	No
Carbon Disulfide	< 2.0	< 2.0	< 1.9	< 2.3	< 1.9	< 2.1	< 2.0	800	No
Carbon Tetrachloride	< 0.98	< 1.0	< 0.97	< 1.2	< 0.94	< 1.1	< 0.98	190	No
Chlorobenzene	< 1.0	< 1.0	< 1.0	< 1.2	< 0.98	< 1.1	< 1.0	1,000	No
Chloroethane (Ethyl Chloride)	< 1.0	< 1.1	< 1.0	< 1.2	< 1.0	< 1.1	< 1.0	34,000	No
Chloroform	< 1.0	< 1.0	< 1.0	< 1.2	< 0.98	< 1.1	< 1.0	3.9	No
Chloromethane	1.0	1.1	1.1	< 1.2	1.1	< 1.1	< 1.0	620	No
cis-1,2-Dichloroethene	< 0.98	< 1.0	< 0.97	< 1.2	< 0.94	< 1.1	< 0.98	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 0.98	< 1.0	< 0.97	< 1.2	< 0.94	< 1.1	< 0.98	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 0.86	< 0.88	1.3	< 1.0	< 0.83	< 0.93	< 0.87	1,000	No
Ethylbenzene	< 1.0	< 1.1	< 1.0	< 1.2	< 1.0	< 1.1	< 1.0	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.12	< 0.12	< 0.12	< 0.14	< 0.11	< 0.13	< 0.12	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.96	< 0.98	< 0.95	< 1.1	< 0.92	< 1.0	< 0.96	400	No
Isopropyl Alcohol (Isopropanol)	2.1	5.0	5.5	< 2.2	3.5	3.6	3.0	7,000	No
m,p-Xylenes	< 2.0	< 2.1	< 2.0	< 2.4	< 1.9	< 2.2	< 2.0	2,600	No
Methyl Methacrylate	< 2.0	< 2.0	< 2.0	< 2.4	< 1.9	< 2.2	< 2.0	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 1.0	< 1.0	< 1.0	< 1.2	< 0.98	< 1.1	< 1.0	3,600	No
Naphthalene	< 0.96	< 0.98	< 0.95	< 1.1	< 0.92	< 1.0	< 0.96	9.0	No
n-Hexane	< 1.0	< 1.0	1.1	< 1.2	< 0.96	< 1.1	< 1.0	1,400	No
n-Nonane	< 0.98	< 1.0	< 0.97	< 1.2	< 0.94	< 1.1	< 0.98	21 ⁽³⁾	No
o-Xylene	< 1.0	< 1.0	< 1.0	< 1.2	< 0.98	< 1.1	< 1.0	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 1.0	< 1.0	< 0.99	< 1.2	< 0.96	< 1.1	< 1.0	3,000	No
Styrene	< 1.0	< 1.0	< 0.99	< 1.2	< 0.96	< 1.1	< 1.0	900	No
Tetrachloroethene (PCE)	< 1.0	< 1.0	< 1.0	< 1.2	< 0.98	< 1.1	< 1.0	41	No
Toluene	1.1	2.2	2.9	< 1.2	< 0.98	1.7	1.2	420	No
Trichloroethene (TCE)	< 0.98	< 1.0	< 0.97	< 1.2	< 0.94	< 1.1	< 0.98	2.2	No
Trichlorofluoromethane (CFC 11)	0.97	< 0.98	< 0.95	< 1.1	1.0	1.1	< 0.96	1,300 ⁽²⁾	No
Trichlorotrifluoroethane	< 0.85	< 0.86	< 0.84	< 1.0	< 0.81	< 0.91	< 0.85	5,200 ⁽³⁾	No
Vinyl Acetate	< 1.0	< 1.0	< 1.0	< 1.2	< 0.97	< 1.1	< 1.0	2,500	No
Vinyl Chloride	< 1.0	< 1.0	< 0.99	< 1.2	< 0.96	< 1.1	< 1.0	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 at offsite station CS-AA-01. On that day no site activities were occurring and the wind was blowing primarily from the west onto the site. Additionally, the California chronic Reference Exposure Level is 5 ug/m3. 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 11/11/2024 - 11/18/2024 FINAL REMEDY CONSTRUCTION ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria (µg/m ³) ⁽¹⁾	Detection Exceeds Comparison
	CS-AA-02								
	11/11-11/12/2024	11/12-11/13/2024	11/13-11/14/2024	11/14-11/15/2024	11/15-11/16/2024	11/16-11/17/2024	11/17-11/18/2024		
24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
Volatile Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 1.1	< 1.0	< 0.98	< 1.0	< 0.98	< 0.94	< 0.94	3,800	No
1,1,2,2-Tetrachloroethane	< 1.1	< 1.1	< 1.0	< 1.0	< 1.0	< 0.97	< 0.97	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 1.1	< 1.1	< 1.0	< 1.1	< 1.0	< 0.99	< 0.99	11	No
1,1-Dichloroethane (Ethylene Dichloride)	< 1.1	< 1.0	< 0.98	< 1.0	< 0.98	< 0.94	< 0.94	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 0.94	< 0.90	< 0.85	< 0.87	< 0.85	< 0.81	< 0.81	4.0	No
1,2,4-Trimethylbenzene	< 1.1	< 1.0	< 0.98	< 1.0	< 0.98	< 0.94	< 0.94	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.44	< 0.42	< 0.39	< 0.41	< 0.40	< 0.38	< 0.38	1.9	No
1,2-Dichloropropane	< 1.1	< 1.1	< 1.0	< 1.0	< 1.0	< 0.97	< 0.97	9.2	No
1,3,5-Trimethylbenzene	< 1.1	< 1.1	< 1.0	< 1.0	< 1.0	< 0.97	< 0.97	4.0	No
1,3-Butadiene	< 1.1	< 1.1	< 1.0	< 1.0	< 1.0	< 0.95	< 0.95	2.0	No
1,4-Dichlorobenzene	< 1.1	< 1.0	< 0.98	< 1.0	< 0.98	< 0.94	< 0.94	1,200	No
1,4-Dioxane	< 1.1	< 1.0	< 0.98	< 1.0	< 0.98	< 0.94	< 0.94	720	No
2-Butanone (MEK)	< 2.1	< 2.0	< 1.9	< 2.0	< 1.9	< 1.8	< 1.8	5,200 ⁽³⁾	No
2-Hexanone	< 2.1	< 2.0	< 1.9	< 2.0	< 1.9	< 1.8	< 1.8	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 2.2	< 2.1	< 2.0	< 2.0	< 2.0	< 1.9	< 1.9	3,100 ⁽³⁾	No
Acetone	< 11	17	25	< 9.9	< 9.7	9.8	11	19,000 ⁽⁴⁾	No
Acrolein	< 0.65	< 0.62	< 0.58	< 0.60	< 0.59	< 0.56	< 0.56	0.92	No
Acrylonitrile	< 0.52	< 0.50	< 0.47	< 0.48	< 0.47	< 0.45	< 0.45	2.0	No
Benzene	< 1.1	< 1.0	1.1	< 0.98	< 0.96	< 0.92	< 0.92	19	No
Bromomethane	< 1.1	< 1.0	< 0.96	< 0.98	< 0.96	< 0.92	< 0.92	78	No
Carbon Disulfide	< 2.2	< 2.1	< 2.0	< 2.0	< 2.0	< 1.9	< 1.9	800	No
Carbon Tetrachloride	< 1.1	< 1.0	< 0.98	< 1.0	< 0.98	< 0.94	< 0.94	190	No
Chlorobenzene	< 1.1	< 1.1	< 1.0	< 1.0	< 1.0	< 0.97	< 0.97	1,000	No
Chloroethane (Ethyl Chloride)	< 1.1	< 1.1	< 1.0	< 1.1	< 1.0	< 0.99	< 0.99	34,000	No
Chloroform	< 1.1	< 1.1	< 1.0	< 1.0	< 1.0	< 0.97	< 0.97	3.9	No
Chloromethane	< 1.1	1.1	1.1	< 1.0	1.0	1.0	1.1	620	No
cis-1,2-Dichloroethene	< 1.1	< 1.0	< 0.98	< 1.0	< 0.98	< 0.94	< 0.94	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 1.1	< 1.0	< 0.98	< 1.0	< 0.98	< 0.94	< 0.94	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 0.96	< 0.92	1.5	< 0.89	< 0.87	< 0.83	< 0.83	1,000	No
Ethylbenzene	< 1.1	< 1.1	< 1.0	< 1.1	< 1.0	< 0.99	< 0.99	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.13	< 0.12	< 0.12	< 0.12	< 0.12	< 0.11	< 0.11	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 1.1	< 1.0	< 0.96	< 0.98	< 0.96	< 0.92	< 0.92	400	No
Isopropyl Alcohol (Isopropanol)	2.2	3.9	6.0	2.0	2.7	3.8	3.8	7,000	No
m,p-Xylenes	< 2.2	< 2.1	< 2.0	< 2.1	< 2.0	< 1.9	< 1.9	2,600	No
Methyl Methacrylate	< 2.2	< 2.1	< 2.0	< 2.0	< 2.0	< 1.9	< 1.9	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 1.1	< 1.1	< 1.0	< 1.0	< 1.0	< 0.97	< 0.97	3,600	No
Naphthalene	< 1.1	< 1.0	< 0.96	< 0.98	< 0.96	< 0.92	< 0.92	9.0	No
n-Hexane	< 1.1	< 1.1	1.2	< 1.0	< 1.0	< 0.95	< 0.95	1,400	No
n-Nonane	< 1.1	< 1.0	< 0.98	< 1.0	< 0.98	< 0.94	< 0.94	21 ⁽³⁾	No
o-Xylene	< 1.1	< 1.1	< 1.0	< 1.0	< 1.0	< 0.97	< 0.97	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 1.1	< 1.1	< 1.0	< 1.0	< 1.0	< 0.95	< 0.95	3,000	No
Styrene	< 1.1	< 1.1	< 1.0	< 1.0	< 1.0	< 0.95	< 0.95	900	No
Tetrachloroethene (PCE)	< 1.1	< 1.1	< 1.0	< 1.0	< 1.0	< 0.97	< 0.97	41	No
Toluene	< 1.1	2.2	3.3	< 1.0	< 1.0	1.4	1.6	420	No
Trichloroethene (TCE)	< 1.1	< 1.0	< 0.98	< 1.0	< 0.98	< 0.94	< 0.94	2.2	No
Trichlorofluoromethane (CFC 11)	< 1.1	< 1.0	0.99	< 0.98	1.1	0.97	1.1	1,300 ⁽²⁾	No
Trichlorotrifluoroethane	< 0.94	< 0.90	< 0.85	< 0.87	< 0.85	< 0.81	< 0.81	5,200 ⁽³⁾	No
Vinyl Acetate	< 11	< 11	< 10	< 10	< 10	< 9.7	< 9.7	2,500	No
Vinyl Chloride	< 1.1	< 1.1	< 1.0	< 1.0	< 1.0	< 0.95	< 0.95	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.

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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.

No concentrations exceeded health-based screening levels

WEEKLY AIR MONITORING SUMMARY OF LABORATORY DATA 11/11/2024 - 11/18/2024 FINAL REMEDY CONSTRUCTION ASCEN LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria (µg/m ³) ⁽¹⁾	Detection Exceeds Comparison
	CS-AA-03								
	11/11-11/12/2024	11/12-11/13/2024	11/13-11/14/2024	11/14-11/15/2024	11/15-11/16/2024	11/16-11/17/2024	11/17-11/18/2024		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
Volatile Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 1.2	< 1.0	< 0.97	< 1.0	< 0.81	< 1.0	< 0.89	3,800	No
1,1,2,2-Tetrachloroethane	< 1.2	< 1.1	< 1.0	< 1.0	< 0.84	< 1.1	< 0.92	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 1.2	< 1.1	< 1.0	< 1.1	< 0.86	< 1.1	< 0.94	11	No
1,1-Dichloroethane (Ethylene Dichloride)	< 1.2	< 1.0	< 0.97	< 1.0	< 0.81	< 1.0	< 0.89	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 1.0	< 0.90	< 0.84	< 0.87	< 0.70	< 0.88	< 0.77	4.0	No
1,2,4-Trimethylbenzene	< 1.2	< 1.0	< 0.97	< 1.0	< 0.81	< 1.0	< 0.89	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.47	< 0.42	< 0.39	< 0.41	< 0.33	< 0.41	< 0.36	1.9	No
1,2-Dichloropropane	< 1.2	< 1.1	< 1.0	< 1.0	< 0.84	< 1.1	< 0.92	9.2	No
1,3,5-Trimethylbenzene	< 1.2	< 1.1	< 1.0	< 1.0	< 0.84	< 1.1	< 0.92	4.0	No
1,3-Butadiene	< 1.2	< 1.1	< 0.99	< 1.0	< 0.83	< 1.0	< 0.91	2.0	No
1,4-Dichlorobenzene	< 1.2	< 1.0	< 0.97	< 1.0	< 0.81	< 1.0	< 0.89	1,200	No
1,4-Dioxane	< 1.2	< 1.0	< 0.97	< 1.0	< 0.81	< 1.0	< 0.89	720	No
2-Butanone (MEK)	< 2.3	< 2.1	< 1.9	< 2.0	< 1.6	< 2.0	< 1.7	5,200 ⁽³⁾	No
2-Hexanone	< 2.3	< 2.1	< 1.9	< 2.0	< 1.6	< 2.0	< 1.7	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 2.4	< 2.1	< 2.0	< 2.0	< 1.6	< 2.0	< 1.8	3,100 ⁽³⁾	No
Acetone	< 11	16	25	< 9.9	10	< 10	12	19,000 ⁽⁴⁾	No
Acrolein	< 0.69	< 0.62	< 0.58	< 0.60	< 0.48	< 0.60	< 0.53	0.92	No
Acrylonitrile	< 0.56	< 0.50	< 0.47	< 0.48	< 0.39	< 0.49	< 0.43	2.0	No
Benzene	< 1.1	< 1.0	1.2	< 0.98	1.2	< 0.99	< 0.87	19	No
Bromomethane	< 1.1	< 1.0	< 0.95	< 0.98	< 0.80	< 0.99	< 0.87	78	No
Carbon Disulfide	< 2.3	< 2.1	< 1.9	< 2.0	< 1.6	< 2.0	< 1.8	800	No
Carbon Tetrachloride	< 1.2	< 1.0	< 0.97	< 1.0	< 0.81	< 1.0	< 0.89	190	No
Chlorobenzene	< 1.2	< 1.1	< 1.0	< 1.0	< 0.84	< 1.1	< 0.92	1,000	No
Chloroethane (Ethyl Chloride)	< 1.2	< 1.1	< 1.0	< 1.1	< 0.86	< 1.1	< 0.94	34,000	No
Chloroform	< 1.2	< 1.1	< 1.0	< 1.0	< 0.84	< 1.1	< 0.92	3.9	No
Chloromethane	< 1.2	< 1.1	1.4	< 1.0	1.1	< 1.1	1.1	620	No
cis-1,2-Dichloroethene	< 1.2	< 1.0	< 0.97	< 1.0	< 0.81	< 1.0	< 0.89	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 1.2	< 1.0	< 0.97	< 1.0	< 0.81	< 1.0	< 0.89	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 1.0	< 0.92	1.1	< 0.89	2.3	< 0.90	< 0.79	1,000	No
Ethylbenzene	< 1.2	< 1.1	< 1.0	< 1.1	< 0.86	< 1.1	< 0.94	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.14	< 0.12	< 0.12	< 0.12	< 0.097	< 0.12	< 0.11	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 1.1	< 1.0	< 0.95	< 0.98	< 0.80	< 0.99	< 0.87	400	No
Isopropyl Alcohol (Isopropanol)	2.8	4.3	7.4	< 1.9	2.8	2.7	5.4	7,000	No
m,p-Xylenes	< 2.4	< 2.2	< 2.0	< 2.1	< 1.7	< 2.1	< 1.8	2,600	No
Methyl Methacrylate	< 2.4	< 2.1	< 2.0	< 2.0	< 1.7	< 2.1	< 1.8	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 1.2	< 1.1	< 1.0	< 1.0	< 0.84	< 1.1	< 0.92	3,600	No
Naphthalene	< 1.1	< 1.0	< 0.95	< 0.98	< 0.80	< 0.99	< 0.87	9.0	No
n-Hexane	< 1.2	< 1.1	< 0.99	< 1.0	< 0.83	< 1.0	< 0.91	1,400	No
n-Nonane	< 1.2	< 1.0	< 0.97	< 1.0	< 0.81	< 1.0	< 0.89	21 ⁽³⁾	No
o-Xylene	< 1.2	< 1.1	< 1.0	< 1.0	< 0.84	< 1.1	< 0.92	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 1.2	< 1.1	< 0.99	< 1.0	1.3	< 1.0	< 0.91	3,000	No
Styrene	< 1.2	< 1.1	< 0.99	< 1.0	< 0.83	< 1.0	< 0.91	900	No
Tetrachloroethene (PCE)	< 1.2	< 1.1	< 1.0	< 1.0	< 0.84	< 1.1	< 0.92	41	No
Toluene	< 1.2	2.4	2.7	< 1.0	4.0	1.2	1.4	420	No
Trichloroethene (TCE)	< 1.2	< 1.0	< 0.97	< 1.0	< 0.81	< 1.0	< 0.89	2.2	No
Trichlorofluoromethane (CFC 11)	< 1.1	< 1.0	0.99	0.98	1.1	< 0.99	1.1	1,300 ⁽²⁾	No
Trichlorotrifluoroethane	< 1.0	< 0.90	< 0.84	< 0.87	< 0.70	< 0.88	< 0.77	5,200 ⁽³⁾	No
Vinyl Acetate	< 12	< 11	< 10	< 10	< 8.4	< 10	< 9.2	2,500	No
Vinyl Chloride	< 1.2	< 1.1	< 0.99	< 1.0	< 0.83	< 1.0	< 0.91	51	No

Notes:

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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.

No concentrations exceeded health-based screening levels

WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
11/11/2024 - 11/18/2024
FINAL REMEDY CONSTRUCTION
ASCEN LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria (µg/m ³) ⁽¹⁾	Detection Exceeds Comparison
	CS-AA-04								
	11/11-11/12/2024	11/12-11/13/2024	11/13-11/14/2024	11/14-11/15/2024	11/15-11/16/2024	11/16-11/17/2024	11/17-11/18/2024		
24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours			
Volatile Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 1.0	< 1.0	< 0.96	< 1.0	< 0.95	< 0.95	< 0.93	3,800	No
1,1,2,2-Tetrachloroethane	< 1.0	< 1.1	< 1.0	< 1.1	< 0.98	< 0.99	< 0.97	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 1.1	< 1.1	< 1.0	< 1.1	< 1.0	< 1.0	< 0.98	11	No
1,1-Dichloroethane (Ethylene Dichloride)	< 1.0	< 1.0	< 0.96	< 1.0	< 0.95	< 0.95	< 0.93	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 0.86	< 0.90	< 0.83	< 0.89	< 0.82	< 0.82	< 0.81	4.0	No
1,2,4-Trimethylbenzene	< 1.0	< 1.0	< 0.96	< 1.0	< 0.95	< 0.95	< 0.93	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.40	< 0.42	< 0.39	< 0.42	< 0.38	< 0.38	< 0.38	1.9	No
1,2-Dichloropropane	< 1.0	< 1.1	< 1.0	< 1.1	< 0.98	< 0.99	< 0.97	9.2	No
1,3,5-Trimethylbenzene	< 1.0	< 1.1	< 1.0	< 1.1	< 0.98	< 0.99	< 0.97	4.0	No
1,3-Butadiene	< 1.0	< 1.1	< 0.98	< 1.0	< 0.96	< 0.97	< 0.95	2.0	No
1,4-Dichlorobenzene	< 1.0	< 1.0	< 0.96	< 1.0	< 0.95	< 0.95	< 0.93	1,200	No
1,4-Dioxane	< 1.0	< 1.0	< 0.96	< 1.0	< 0.95	< 0.95	< 0.93	720	No
2-Butanone (MEK)	< 2.0	< 2.0	< 1.9	< 2.0	< 1.9	< 1.9	< 1.8	5,200 ⁽³⁾	No
2-Hexanone	< 2.0	< 2.0	< 1.9	< 2.0	< 1.9	< 1.9	< 1.8	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 2.0	< 2.1	< 1.9	< 2.1	< 1.9	< 1.9	< 1.9	3,100 ⁽³⁾	No
Acetone	< 9.8	18	25	< 10	< 9.3	9.9	11	19,000 ⁽⁴⁾	No
Acrolein	< 0.60	< 0.62	< 0.57	< 0.61	< 0.56	< 0.57	< 0.55	0.92	No
Acrylonitrile	< 0.48	< 0.50	< 0.46	< 0.50	< 0.46	< 0.46	< 0.45	2.0	No
Benzene	< 0.98	< 1.0	1.0	< 1.0	< 0.93	< 0.93	< 0.91	19	No
Bromomethane	< 0.98	< 1.0	< 0.94	< 1.0	< 0.93	< 0.93	< 0.91	78	No
Carbon Disulfide	< 2.0	< 2.1	< 1.9	< 2.1	< 1.9	< 1.9	< 1.9	800	No
Carbon Tetrachloride	< 1.0	< 1.0	< 0.96	< 1.0	< 0.95	< 0.95	< 0.93	190	No
Chlorobenzene	< 1.0	< 1.1	< 1.0	< 1.1	< 0.98	< 0.99	< 0.97	1,000	No
Chloroethane (Ethyl Chloride)	< 1.1	< 1.1	< 1.0	< 1.1	< 1.0	< 1.0	< 0.98	34,000	No
Chloroform	< 1.0	< 1.1	< 1.0	< 1.1	< 0.98	< 0.99	< 0.97	3.9	No
Chloromethane	< 1.0	1.1	1.1	< 1.1	1.0	1.0	1.1	620	No
cis-1,2-Dichloroethene	< 1.0	< 1.0	< 0.96	< 1.0	< 0.95	< 0.95	< 0.93	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 1.0	< 1.0	< 0.96	< 1.0	< 0.95	< 0.95	< 0.93	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 0.88	< 0.92	1.5	< 0.91	< 0.84	< 0.84	< 0.82	1,000	No
Ethylbenzene	< 1.1	< 1.1	< 1.0	< 1.1	< 1.0	< 1.0	< 0.98	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.12	< 0.12	< 0.11	< 0.12	< 0.11	< 0.11	< 0.11	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.98	< 1.0	< 0.94	< 1.0	< 0.93	< 0.93	< 0.91	400	No
Isopropyl Alcohol (Isopropanol)	2.1	4.4	6.6	< 2.0	2.7	3.5	3.9	7,000	No
m,p-Xylenes	< 2.1	< 2.1	< 2.0	< 2.1	< 1.9	< 2.0	< 1.9	2,600	No
Methyl Methacrylate	< 2.0	< 2.1	< 2.0	< 2.1	< 1.9	< 1.9	< 1.9	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 1.0	< 1.1	< 1.0	< 1.1	< 0.98	< 0.99	< 0.97	3,600	No
Naphthalene	< 0.98	< 1.0	< 0.94	< 1.0	< 0.93	< 0.93	< 0.91	9.0	No
n-Hexane	< 1.0	< 1.1	0.99	< 1.0	< 0.96	< 0.97	< 0.95	1,400	No
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Vinyl Acetate	< 1.0	< 1.1	< 0.9	< 1.1	< 0.9	< 0.9	< 0.9	2,500	No
Vinyl Chloride	< 1.0	< 1.1	< 0.98	< 1.0	< 0.96	< 0.97	< 0.95	51	No

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