

**WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
12/9/2024 - 12/16/2024
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE**

Target Chemicals	STATION ID							Comparison Criteria ($\mu\text{g}/\text{m}^3$) ⁽¹⁾	Detection Exceeds Comparison
	COM-AA-01								
	12/9-12/10/2024	12/10-12/11/2024	12/11-12/12/2024	12/12-12/13/2024	12/13-12/14/2024	12/14-12/15/2024	12/15-12/16/2024		
24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours			
Volatle Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 0.99	< 1.0	< 0.88	< 0.88	< 0.94	< 0.95	< 0.94	3,800	No
1,1,2,2-Tetrachloroethane	< 1.0	< 1.1	< 0.92	< 0.91	< 0.98	< 0.98	< 0.97	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 1.0	< 1.1	< 0.94	< 0.93	< 1.0	< 1.0	< 0.99	11	No
1,1-Dichloroethane (Ethylene Dichloride)	< 0.99	< 1.0	< 0.88	< 0.88	< 0.94	< 0.95	< 0.94	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 0.86	< 0.88	< 0.77	< 0.76	< 0.81	< 0.82	< 0.81	4.0	No
1,2,4-Trimethylbenzene	< 0.99	< 1.0	1.0	< 0.88	< 0.94	< 0.95	< 0.94	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.40	< 0.41	< 0.36	< 0.35	< 0.11	< 0.38	< 0.38	1.9	No
1,2-Dichloropropane	< 1.0	< 1.1	< 0.92	< 0.91	< 0.98	< 0.98	< 0.97	9.2	No
1,3,5-Trimethylbenzene	< 1.0	< 1.1	< 0.92	< 0.91	< 0.98	< 0.98	< 0.97	4.0	No
1,3-Butadiene	< 1.0	< 1.0	< 0.90	< 0.90	< 0.96	< 0.96	< 0.95	2.0	No
1,4-Dichlorobenzene	< 0.99	< 1.0	< 0.88	< 0.88	< 0.94	< 0.95	< 0.94	1,200	No
1,4-Dioxane	< 0.99	< 1.0	< 0.88	< 0.88	< 0.94	< 0.95	< 0.94	720	No
2-Butanone (MEK)	< 1.9	< 2.0	< 1.7	< 1.7	< 1.8	< 1.9	< 1.8	5,200 ⁽³⁾	No
2-Hexanone	< 1.9	< 2.0	< 1.7	< 1.7	< 1.8	< 1.9	< 1.8	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 2.0	< 2.1	< 1.8	< 1.8	< 1.9	< 1.9	< 1.9	3,100 ⁽³⁾	No
Acetone	< 9.7	21	23	< 8.6	13	< 9.3	12	19,000 ⁽⁴⁾	No
Acrolein	< 0.59	< 0.61	< 0.53	< 0.52	< 0.56	< 0.56	< 0.56	0.92	No
Acrylonitrile	4.6	< 0.49	< 0.43	< 0.42	< 0.45	< 0.46	< 0.45	2.0	Yes
Benzene	1.7	1.6	1.9	1.8	1.4	< 0.93	1.3	19	No
Bromomethane	< 0.97	< 1.0	< 0.87	< 0.86	< 0.92	< 0.93	< 0.92	78	No
Carbon Disulfide	< 2.0	< 2.0	< 1.8	< 1.8	< 1.9	< 1.9	< 1.9	800	No
Carbon Tetrachloride	< 0.99	< 1.0	< 0.88	< 0.88	< 0.94	< 0.95	< 0.94	190	No
Chlorobenzene	< 1.0	< 1.1	< 0.92	< 0.91	< 0.98	< 0.98	< 0.97	1,000	No
Chloroethane (Ethyl Chloride)	< 1.0	< 1.1	< 0.94	< 0.93	< 1.0	< 1.0	< 0.99	34,000	No
Chloroform	< 1.0	< 1.1	< 0.92	< 0.91	< 0.98	< 0.98	< 0.97	3.9	No
Chloromethane	< 1.0	1.3	< 0.92	< 0.91	< 0.98	< 0.98	< 0.97	620	No
cis-1,2-Dichloroethene	< 0.99	< 1.0	< 0.88	< 0.88	< 0.94	< 0.95	< 0.94	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 0.99	< 1.0	< 0.88	< 0.88	< 0.94	< 0.95	< 0.94	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 0.87	< 0.90	< 0.78	< 0.78	< 0.83	< 0.84	< 0.83	1,000	No
Ethylbenzene	< 1.0	< 1.1	< 0.94	< 0.93	< 1.0	< 1.0	< 0.99	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.12	< 0.12	< 0.11	< 0.10	< 0.11	< 0.11	< 0.11	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.97	< 1.0	< 0.87	< 0.86	< 0.92	< 0.93	< 0.92	400	No
Isopropyl Alcohol (Isopropanol)	< 1.9	6.3	5.7	< 1.7	3.5	< 1.8	3.1	7,000	No
m,p-Xylenes	< 2.0	2.2	3.0	< 1.8	< 1.9	< 1.9	< 1.9	2,600	No
Methyl Methacrylate	< 2.0	< 2.1	< 1.8	< 1.8	< 1.9	< 1.9	< 1.9	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 1.0	< 1.1	< 0.92	< 0.91	< 0.98	< 0.98	< 0.97	3,600	No
Naphthalene	< 0.97	< 1.0	< 0.87	< 0.86	< 0.92	< 0.93	< 0.92	9.0	No
n-Hexane	< 1.0	1.3	1.8	< 0.90	1.0	< 0.96	0.96	1,400	No
n-Nonane	< 0.99	< 1.0	< 0.88	< 0.88	< 0.94	< 0.95	< 0.94	21 ⁽³⁾	No
o-Xylene	< 1.0	< 1.1	1.1	< 0.91	< 0.98	< 0.98	< 0.97	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 1.0	< 1.0	< 0.90	< 0.90	< 0.96	< 0.96	< 0.95	3,000	No
Styrene	< 1.0	< 1.0	1.1	< 0.90	< 0.96	< 0.96	< 0.95	900	No
Tetrachloroethene (PCE)	< 1.0	< 1.1	< 0.92	< 0.91	< 0.98	< 0.98	< 0.97	41	No
Toluene	< 1.0	4.0	4.7	< 0.91	2.9	1.3	2.8	420	No
Trichloroethene (TCE)	< 0.99	< 1.0	< 0.88	< 0.88	< 0.94	< 0.95	< 0.94	2.2	No
Trichlorofluoromethane (CFC 11)	1.2	< 1.0	1.1	1.2	1.1	1.1	1.2	1,300 ⁽²⁾	No
Trichlorotrifluoroethane	< 0.86	< 0.88	< 0.77	< 0.76	< 0.81	< 0.82	< 0.81	5,200 ⁽³⁾	No
Vinyl Acetate	< 10	< 11	< 9.1	< 9.1	< 9.7	< 9.8	< 9.7	2,500	No
Vinyl Chloride	< 1.0	< 1.0	< 0.90	< 0.90	< 0.96	< 0.96	< 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.

(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 COM-AA-01. There were no other detections of acrylonitrile at any onsite or offsite station on this day. Additionally, the detection was below the California chronic Reference Exposure Level of 5 $\mu\text{g}/\text{m}^3$. 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.

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SUMMARY OF LABORATORY DATA
12/9/2024 - 12/16/2024
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								
	12/9-12/10/2024	12/10-12/11/2024	12/11-12/12/2024	12/12-12/13/2024	12/13-12/14/2024	12/14-12/15/2024	12/15-12/16/2024		
24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours			
Volatle Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 0.97	< 1.0	< 0.95	< 0.94	< 0.93	< 0.95	< 1.2	3,800	No
1,1,2,2-Tetrachloroethane	< 1.0	< 1.1	< 0.99	< 0.98	< 0.96	< 0.98	< 1.2	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 1.0	< 1.1	< 1.0	< 1.0	< 0.98	< 1.0	< 1.2	11	No
1,1-Dichloroethane (Ethylene Dichloride)	< 0.97	< 1.0	< 0.95	< 0.94	< 0.93	< 0.95	< 1.2	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 0.84	< 0.90	< 0.82	< 0.81	< 0.80	< 0.82	< 1.0	4.0	No
1,2,4-Trimethylbenzene	< 0.97	< 1.0	< 0.95	< 0.94	< 0.93	< 0.95	< 1.2	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.39	< 0.42	< 0.38	< 0.38	< 0.11	< 0.38	< 0.47	1.9	No
1,2-Dichloropropane	< 1.0	< 1.1	< 0.99	< 0.98	< 0.96	< 0.98	< 1.2	9.2	No
1,3,5-Trimethylbenzene	< 1.0	< 1.1	< 0.99	< 0.98	< 0.96	< 0.98	< 1.2	4.0	No
1,3-Butadiene	< 0.99	< 1.1	< 0.97	< 0.96	< 0.94	< 0.96	< 1.2	2.0	No
1,4-Dichlorobenzene	< 0.97	< 1.0	< 0.95	< 0.94	< 0.93	< 0.95	< 1.2	1,200	No
1,4-Dioxane	< 0.97	< 1.0	< 0.95	< 0.94	< 0.93	< 0.95	< 1.2	720	No
2-Butanone (MEK)	< 1.9	< 2.0	< 1.9	< 1.8	< 1.8	< 1.9	< 2.3	5,200 ⁽³⁾	No
2-Hexanone	< 1.9	< 2.0	< 1.9	< 1.8	< 1.8	< 1.9	< 2.3	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 2.0	< 2.1	< 1.9	< 1.9	< 1.9	< 1.9	< 2.4	3,100 ⁽³⁾	No
Acetone	< 9.5	23	23	< 9.2	16	< 9.3	12	19,000 ⁽⁴⁾	No
Acrolein	< 0.58	< 0.62	< 0.57	< 0.56	< 0.55	< 0.56	< 0.70	0.92	No
Acrylonitrile	< 0.47	< 0.50	< 0.46	< 0.45	< 0.45	< 0.46	8.4	2.0	Yes
Benzene	1.5	1.7	1.9	1.9	1.4	< 0.93	1.3	19	No
Bromomethane	< 0.95	< 1.0	< 0.93	< 0.92	< 0.91	< 0.93	< 1.1	78	No
Carbon Disulfide	< 1.9	< 2.1	< 1.9	< 1.9	< 1.9	< 1.9	< 2.3	800	No
Carbon Tetrachloride	< 0.97	< 1.0	< 0.95	< 0.94	< 0.93	< 0.95	< 1.2	190	No
Chlorobenzene	< 1.0	< 1.1	< 0.99	< 0.98	< 0.96	< 0.98	< 1.2	1,000	No
Chloroethane (Ethyl Chloride)	< 1.0	< 1.1	< 1.0	< 1.0	< 0.98	< 1.0	< 1.2	34,000	No
Chloroform	< 1.0	< 1.1	< 0.99	< 0.98	< 0.96	< 0.98	< 1.2	3.9	No
Chloromethane	< 1.0	1.2	< 0.99	< 0.98	< 0.96	< 0.98	< 1.2	620	No
cis-1,2-Dichloroethene	< 0.97	< 1.0	< 0.95	< 0.94	< 0.93	< 0.95	< 1.2	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 0.97	< 1.0	< 0.95	< 0.94	< 0.93	< 0.95	< 1.2	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 0.86	< 0.92	< 0.84	< 0.83	< 0.82	< 0.84	< 1.0	1,000	No
Ethylbenzene	< 1.0	< 1.1	< 1.0	< 1.0	< 0.98	< 1.0	< 1.2	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.12	< 0.12	< 0.11	< 0.11	< 0.11	< 0.11	< 0.14	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.95	< 1.0	< 0.93	< 0.92	< 0.91	< 0.93	< 1.1	400	No
Isopropyl Alcohol (Isopropanol)	< 1.8	6.0	5.1	< 1.8	2.3	< 1.8	2.4	7,000	No
m,p-Xylenes	< 2.0	2.3	2.6	< 1.9	< 1.9	< 1.9	< 2.4	2,600	No
Methyl Methacrylate	< 2.0	< 2.1	< 1.9	< 1.9	< 1.9	< 1.9	< 2.4	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 1.0	< 1.1	< 0.99	< 0.98	< 0.96	< 0.98	< 1.2	3,600	No
Naphthalene	< 0.95	< 1.0	< 0.93	< 0.92	< 0.91	< 0.93	< 1.1	9.0	No
n-Hexane	< 0.99	1.3	1.5	< 0.96	0.98	< 0.96	< 1.2	1,400	No
n-Nonane	< 0.97	< 1.0	< 0.95	< 0.94	< 0.93	< 0.95	< 1.2	21 ⁽³⁾	No
o-Xylene	< 1.0	< 1.1	1.0	< 0.98	< 0.96	< 0.98	< 1.2	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 0.99	< 1.1	< 0.97	< 0.96	< 0.94	< 0.96	< 1.2	3,000	No
Styrene	< 0.99	< 1.1	< 0.97	< 0.96	< 0.94	< 0.96	< 1.2	900	No
Tetrachloroethene (PCE)	< 1.0	< 1.1	< 0.99	< 0.98	< 0.96	< 0.98	< 1.2	41	No
Toluene	< 1.0	4.1	4.4	< 0.98	2.8	1.2	2.8	420	No
Trichloroethene (TCE)	< 0.97	< 1.0	< 0.95	< 0.94	< 0.93	< 0.95	< 1.2	2.2	No
Trichlorofluoromethane (CFC 11)	1.2	< 1.0	1.1	1.3	1.1	1.2	< 1.1	1,300 ⁽²⁾	No
Trichlorotrifluoroethane	< 0.84	< 0.90	< 0.82	< 0.81	< 0.80	< 0.82	< 1.0	5,200 ⁽³⁾	No
Vinyl Acetate	< 10	< 11	< 9.8	< 9.7	< 9.6	< 9.8	< 12	2,500	No
Vinyl Chloride	< 0.99	< 1.1	< 0.97	< 0.96	< 0.94	< 0.96	< 1.2	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 COM-AA-02. There were no other detections of acrylonitrile at any onsite or offsite station on this day. Additionally, this occurred on Saturday to Sunday, when no site activities were occurring. 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

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FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria (µg/m ³) ⁽¹⁾	Detection Exceeds Comparison
	COM-AA-03								
	12/9-12/10/2024	12/10-12/11/2024	12/11-12/12/2024	12/12-12/13/2024	12/13-12/14/2024	12/14-12/15/2024	12/15-12/16/2024		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
Volatile Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 0.99	< 0.95	< 0.90	< 0.90	< 0.90	< 0.94	< 0.95	3,800	No
1,1,2,2-Tetrachloroethane	< 1.0	< 0.98	< 0.94	< 0.93	< 0.94	< 0.98	< 0.98	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 1.1	< 1.0	< 0.96	< 0.95	< 0.96	< 1.0	< 1.0	11	No
1,1-Dichloroethane (Ethylene Dichloride)	< 0.99	< 0.95	< 0.90	< 0.90	< 0.90	< 0.94	< 0.95	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 0.86	< 0.82	< 0.78	< 0.78	< 0.78	< 0.81	< 0.82	4.0	No
1,2,4-Trimethylbenzene	< 0.99	< 0.95	0.96	< 0.90	< 0.90	< 0.94	< 0.95	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.40	< 0.38	< 0.37	< 0.36	< 0.11	< 0.38	< 0.38	1.9	No
1,2-Dichloropropane	< 1.0	< 0.98	< 0.94	< 0.93	< 0.94	< 0.98	< 0.98	9.2	No
1,3,5-Trimethylbenzene	< 1.0	< 0.98	< 0.94	< 0.93	< 0.94	< 0.98	< 0.98	4.0	No
1,3-Butadiene	< 1.0	< 0.96	< 0.92	< 0.92	< 0.92	< 0.96	< 0.96	2.0	No
1,4-Dichlorobenzene	< 0.99	< 0.95	< 0.90	< 0.90	< 0.90	< 0.94	< 0.95	1,200	No
1,4-Dioxane	< 0.99	< 0.95	< 0.90	< 0.90	< 0.90	< 0.94	< 0.95	720	No
2-Butanone (MEK)	< 1.9	< 1.9	< 1.8	< 1.8	< 1.8	< 1.8	< 1.9	5,200 ⁽³⁾	No
2-Hexanone	< 1.9	< 1.9	< 1.8	< 1.8	< 1.8	< 1.8	< 1.9	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 2.0	< 1.9	< 1.8	< 1.8	< 1.8	< 1.9	< 1.9	3,100 ⁽³⁾	No
Acetone	< 9.8	23	24	< 8.8	14	< 9.2	12	19,000 ⁽⁴⁾	No
Acrolein	< 0.59	< 0.56	< 0.54	< 0.54	< 0.54	< 0.56	< 0.56	0.92	No
Acrylonitrile	< 0.48	< 0.46	< 0.44	< 0.43	< 0.44	< 0.45	< 0.46	2.0	No
Benzene	1.7	1.8	2.1	2.0	1.4	< 0.92	1.3	19	No
Bromomethane	< 0.97	< 0.93	< 0.89	< 0.88	< 0.89	< 0.92	< 0.93	78	No
Carbon Disulfide	< 2.0	< 1.9	< 1.8	< 1.8	< 1.8	< 1.9	< 1.9	800	No
Carbon Tetrachloride	< 0.99	< 0.95	< 0.90	< 0.90	< 0.90	< 0.94	< 0.95	190	No
Chlorobenzene	< 1.0	< 0.98	< 0.94	< 0.93	< 0.94	< 0.98	< 0.98	1,000	No
Chloroethane (Ethyl Chloride)	< 1.1	< 1.0	< 0.96	< 0.95	< 0.96	< 1.0	< 1.0	34,000	No
Chloroform	< 1.0	< 0.98	< 0.94	< 0.93	< 0.94	< 0.98	< 0.98	3.9	No
Chloromethane	< 1.0	1.3	< 0.94	< 0.93	< 0.94	< 0.98	< 0.98	620	No
cis-1,2-Dichloroethene	< 0.99	< 0.95	< 0.90	< 0.90	< 0.90	< 0.94	< 0.95	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 0.99	< 0.95	< 0.90	< 0.90	< 0.90	< 0.94	< 0.95	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 0.88	< 0.84	< 0.80	< 0.80	< 0.80	< 0.83	< 0.84	1,000	No
Ethylbenzene	< 1.1	< 1.0	< 0.96	< 0.95	< 0.96	< 1.0	< 1.0	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.12	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.97	< 0.93	< 0.89	< 0.88	< 0.89	< 0.92	< 0.93	400	No
Isopropyl Alcohol (Isopropanol)	< 1.9	5.4	5.6	< 1.7	2.4	< 1.8	1.9	7,000	No
m,p-Xylenes	< 2.0	2.7	2.7	< 1.9	< 1.9	< 1.9	< 1.9	2,600	No
Methyl Methacrylate	< 2.0	< 1.9	< 1.8	< 1.8	< 1.8	< 1.9	< 1.9	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 1.0	< 0.98	< 0.94	< 0.93	< 0.94	< 0.98	< 0.98	3,600	No
Naphthalene	< 0.97	< 0.93	< 0.89	< 0.88	< 0.89	< 0.92	< 0.93	9.0	No
n-Hexane	< 1.0	1.5	1.6	< 0.92	1.0	< 0.96	0.98	1,400	No
n-Nonane	< 0.99	< 0.95	< 0.90	< 0.90	< 0.90	< 0.94	< 0.95	21 ⁽³⁾	No
o-Xylene	< 1.0	1.0	1.0	< 0.93	< 0.94	< 0.98	< 0.98	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	1.1	< 0.96	< 0.92	< 0.92	< 0.92	< 0.96	< 0.96	3,000	No
Styrene	< 1.0	< 0.96	< 0.92	< 0.92	< 0.92	< 0.96	< 0.96	900	No
Tetrachloroethene (PCE)	< 1.0	< 0.98	< 0.94	< 0.93	< 0.94	< 0.98	< 0.98	41	No
Toluene	< 1.0	4.6	4.7	0.96	2.9	1.4	2.8	420	No
Trichloroethene (TCE)	< 0.99	< 0.95	< 0.90	< 0.90	< 0.90	< 0.94	< 0.95	2.2	No
Trichlorofluoromethane (CFC 11)	1.3	1.0	1.2	1.3	1.1	1.1	1.1	1,300 ⁽²⁾	No
Trichlorotrifluoroethane	< 0.86	< 0.82	< 0.78	< 0.78	< 0.78	< 0.81	< 0.82	5,200 ⁽³⁾	No
Vinyl Acetate	< 10	< 9.8	< 9.3	< 9.3	< 9.3	< 9.7	< 9.8	2,500	No
Vinyl Chloride	< 1.0	< 0.96	< 0.92	< 0.92	< 0.92	< 0.96	< 0.96	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
12/9/2024 - 12/16/2024
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria (µg/m ³) ⁽¹⁾	Detection Exceeds Comparison
	COM-AA-04								
	12/9-12/10/2024	12/10-12/11/2024	12/11-12/12/2024	12/12-12/13/2024	12/13-12/14/2024	12/14-12/15/2024	12/15-12/16/2024		
24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours			
Volatile Organic Compounds									
1,1,1-Trichloroethane (TCA)	< 1.0	< 1.1	< 0.81	< 0.95	< 0.95	< 0.94	< 0.97	3,800	No
1,1,2,2-Tetrachloroethane	< 1.0	< 1.1	< 0.84	< 0.98	< 0.99	< 0.97	< 1.0	83 ⁽²⁾	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 1.1	< 1.1	< 0.85	< 1.0	< 1.0	< 0.99	< 1.0	11	No
1,1-Dichloroethane (Ethylene Dichloride)	< 1.0	< 1.1	< 0.81	< 0.95	< 0.95	< 0.94	< 0.97	830 ⁽²⁾	No
1,1-Dichloroethene (1,1-DCE)	< 0.87	< 0.92	< 0.70	< 0.82	< 0.82	< 0.81	< 0.84	4.0	No
1,2,4-Trimethylbenzene	< 1.0	< 1.1	0.94	< 0.95	< 0.95	< 0.94	< 0.97	4.0	No
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.41	< 0.43	< 0.33	< 0.38	< 0.11	< 0.38	< 0.39	1.9	No
1,2-Dichloropropane	< 1.0	< 1.1	< 0.84	< 0.98	< 0.99	< 0.97	< 1.0	9.2	No
1,3,5-Trimethylbenzene	< 1.0	< 1.1	< 0.84	< 0.98	< 0.99	< 0.97	< 1.0	4.0	No
1,3-Butadiene	< 1.0	< 1.1	< 0.82	< 0.96	< 0.97	< 0.95	< 0.99	2.0	No
1,4-Dichlorobenzene	< 1.0	< 1.1	< 0.81	< 0.95	< 0.95	< 0.94	< 0.97	1,200	No
1,4-Dioxane	< 1.0	< 1.1	< 0.81	< 0.95	< 0.95	< 0.94	< 0.97	720	No
2-Butanone (MEK)	< 2.0	< 2.1	< 1.6	< 1.9	< 1.9	< 1.8	< 1.9	5,200 ⁽³⁾	No
2-Hexanone	< 2.0	< 2.1	< 1.6	< 1.9	< 1.9	< 1.8	< 1.9	31 ⁽³⁾	No
4-Methyl-2-pentanone	< 2.0	< 2.2	< 1.6	< 1.9	< 1.9	< 1.9	< 2.0	3,100 ⁽³⁾	No
Acetone	< 9.9	22	19	< 9.3	15	< 9.2	14	19,000 ⁽⁴⁾	No
Acrolein	< 0.60	< 0.64	< 0.48	< 0.56	< 0.57	< 0.56	< 0.58	0.92	No
Acrylonitrile	< 0.49	< 0.51	< 0.39	< 0.46	< 0.46	< 0.45	< 0.47	2.0	No
Benzene	1.2	1.5	1.7	1.7	1.3	< 0.92	1.3	19	No
Bromomethane	< 0.99	< 1.0	< 0.79	< 0.93	< 0.93	< 0.92	< 0.95	78	No
Carbon Disulfide	< 2.0	< 2.1	< 1.6	< 1.9	< 1.9	< 1.9	< 1.9	800	No
Carbon Tetrachloride	< 1.0	< 1.1	< 0.81	< 0.95	< 0.95	< 0.94	< 0.97	190	No
Chlorobenzene	< 1.0	< 1.1	< 0.84	< 0.98	< 0.99	< 0.97	< 1.0	1,000	No
Chloroethane (Ethyl Chloride)	< 1.1	< 1.1	< 0.85	< 1.0	< 1.0	< 0.99	< 1.0	34,000	No
Chloroform	< 1.0	< 1.1	< 0.84	< 0.98	< 0.99	< 0.97	< 1.0	3.9	No
Chloromethane	< 1.0	1.2	< 0.84	< 0.98	< 0.99	< 0.97	< 1.0	620	No
cis-1,2-Dichloroethene	< 1.0	< 1.1	< 0.81	< 0.95	< 0.95	< 0.94	< 0.97	8.3 ⁽²⁾	No
Cumene (Isopropylbenzene)	< 1.0	< 1.1	< 0.81	< 0.95	< 0.95	< 0.94	< 0.97	420 ⁽³⁾	No
Dichloromethane (Methylene Chloride)	< 0.89	0.95	< 0.71	< 0.84	< 0.84	< 0.83	< 0.86	1,000	No
Ethylbenzene	< 1.1	< 1.1	< 0.85	< 1.0	< 1.0	< 0.99	< 1.0	8,700	No
Ethylene Dibromide (1,2-Dibromoethane)	< 0.12	< 0.13	< 0.096	< 0.11	< 0.11	< 0.11	< 0.12	0.8	No
Ethylene Dichloride (1,2-Dichloroethane)	< 0.99	< 1.0	< 0.79	< 0.93	< 0.93	< 0.92	< 0.95	400	No
Isopropyl Alcohol (Isopropanol)	< 1.9	7.5	6.3	< 1.8	3.1	< 1.8	3.0	7,000	No
m,p-Xylenes	< 2.1	< 2.2	2.6	< 1.9	< 2.0	< 1.9	< 2.0	2,600	No
Methyl Methacrylate	< 2.1	< 2.2	< 1.6	< 1.9	< 1.9	< 1.9	< 2.0	730 ⁽³⁾	No
Methyl tert-Butyl Ether	< 1.0	< 1.1	< 0.84	< 0.98	< 0.99	< 0.97	< 1.0	3,600	No
Naphthalene	< 0.99	< 1.0	< 0.79	< 0.93	< 0.93	< 0.92	< 0.95	9.0	No
n-Hexane	< 1.0	1.2	1.5	< 0.96	< 0.97	< 0.95	< 0.99	1,400	No
n-Nonane	< 1.0	< 1.1	< 0.81	< 0.95	< 0.95	< 0.94	< 0.97	21 ⁽³⁾	No
o-Xylene	< 1.0	< 1.1	0.98	< 0.98	< 0.99	< 0.97	< 1.0	2,600	No
Phenol	NF	NF	NF	NF	NF	NF	NF	200	No
Propylene (Propene)	< 1.0	< 1.1	< 0.82	< 0.96	< 0.97	< 0.95	< 0.99	3,000	No
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Vinyl Acetate	< 10	< 11	< 8.3	< 9.8	< 9.8	< 9.7	< 10	2,500	No
Vinyl Chloride	< 1.0	< 1.1	< 0.82	< 0.96	< 0.97	< 0.95	< 0.99	51	No

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