No concentrations exceeded health-based screening levels

OFFSITE AIR MONITORING
SUMMARY OF LABORATORY DATA
5/1/2022-5/8/2022
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria (µg/m^3)[1]	Detection Exceeds Comparison
	CS-AA-01								
	5/1-5/2/2022	5/2-5/3/2022	5/3-5/4/2022	5/4-5/5/2022	5/5-5/6/2022	5/6-5/7/2022	5/7-5/8/2022		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
	Concentration (µg/m^3)								
Volatile Organic Compounds									
Acetone	< 8.1	< 7.2	< 7.5	< 7.7	< 7.2	< 7.3	< 7.4	19,000	No
Benzene	< 0.78	< 0.69	< 0.72	< 0.75	< 0.69	< 0.70	< 0.72	19	No
1,3-Butadiene	< 0.81	< 0.72	< 0.75	< 0.77	< 0.72	< 0.73	< 0.74	2.0	No
2-Butanone (MEK)	< 1.6	< 1.4	< 1.4	< 1.5	< 1.4	< 1.4	< 1.4	5,200[3]	No
Bromomethane	< 0.80	< 0.70	< 0.73	< 0.76	< 0.70	< 0.71	< 0.73	78	No
Carbon Disulfide	< 1.7	< 1.5	< 1.6	< 1.6	< 1.5	< 1.5	< 1.6	800	No
Carbon Tetrachloride	< 0.78	< 0.69	< 0.72	< 0.75	< 0.69	< 0.70	< 0.72	190	No
Chloroethane (Ethyl Chloride)	< 0.80	< 0.70	< 0.73	< 0.76	< 0.70	< 0.71	< 0.73	30,000	No
Chloroform	< 0.84	< 0.75	< 0.78	< 0.80	< 0.75	< 0.76	< 0.77	240	No
Chloromethane	< 0.80	< 0.70	< 0.73	< 0.76	< 0.70	< 0.71	< 0.73	620	No
cis-1,2-Dichloroethene	< 0.81	< 0.72	< 0.75	< 0.77	< 0.72	< 0.73	< 0.74	8.3[2]	No
Cumene (Isopropylbenzene)	< 0.81	< 0.72	< 0.75	< 0.77	< 0.72	< 0.73	< 0.74	420[3]	No
1,4-Dichlorobenzene	< 0.81	< 0.72	< 0.75	< 0.77	< 0.72	< 0.73	< 0.74	1,200	No
1,1-Dichloroethene (1,1-DCE)	< 0.84	< 0.75	< 0.78	< 0.80	< 0.75	< 0.76	< 0.77	4	No
Dichloromethane (Methylene Chloride)	< 0.81	< 0.72	< 0.75	< 0.77	0.73	< 0.73	1.3	1,000	No
1,2-Dichloropropane	< 0.78	< 0.69	< 0.72	< 0.75	< 0.69	< 0.70	< 0.72	9.2	No
1,4-Dioxane	< 0.81	< 0.72	< 0.75	< 0.77	< 0.72	< 0.73	< 0.74	720	No
Ethylbenzene	< 0.81	< 0.72	< 0.75	< 0.77	< 0.72	< 0.73	< 0.74	8,700	No
n-Hexane	< 0.83	< 0.73	< 0.76	< 0.79	< 0.73	< 0.74	< 0.76	2,100	No
2-Hexanone	< 1.7	< 1.5	< 1.6	< 1.6	< 1.5	< 1.5	< 1.6	31[3]	No
4-Methyl-2-pentanone	< 1.7	< 1.5	< 1.6	< 1.6	< 1.5	< 1.5	< 1.6	3,100[3]	No
Methyl tert-Butyl Ether	< 0.83	< 0.73	< 0.76	< 0.79	< 0.73	< 0.74	< 0.76	3,600	No
Naphthalene	< 0.81	< 0.72	< 0.75	< 0.77	< 0.72	< 0.73	< 0.74	3.7	No
n-Nonane	< 0.81	< 0.72	< 0.75	< 0.77	< 0.72	< 0.73	< 0.74	21[3]	No
Styrene	< 0.78	< 0.69	< 0.72	< 0.75	< 0.69	< 0.70	< 0.72	850	No
1,1,2,2-Tetrachloroethane	< 0.81	< 0.72	< 0.75	< 0.77	< 0.72	< 0.73	< 0.74	83[2]	No
Tetrachloroethene (PCE)	< 0.81	< 0.72	< 0.75	< 0.77	< 0.72	< 0.73	< 0.74	41	No
Toluene	< 0.81	< 0.72	< 0.75	< 0.77	< 0.72	< 0.73	< 0.74	420	No
1,1,1-Trichloroethane (TCA)	< 0.81	< 0.72	< 0.75	< 0.77	< 0.72	< 0.73	< 0.74	3,800	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 0.084	< 0.075	< 0.078	< 0.080	< 0.075	< 0.076	< 0.077	11	No
Trichloroethene (TCE)	< 0.81	< 0.72	< 0.75	< 0.77	< 0.72	< 0.73	< 0.74	2.2	No
Trichlorofluoromethane (CFC 11)	1.1	1.1	1.1	1.2	1.3	1.2	1.2	1,300[2]	No
Trichlorotrifluoroethane	< 0.84	< 0.75	< 0.78	< 0.80	< 0.75	< 0.76	< 0.77	5,200[3]	No
1,2,4-Trimethylbenzene	< 0.81	< 0.72	< 0.75	< 0.77	< 0.72	< 0.73	< 0.74	63[3]	No
1,3,5-Trimethylbenzene	< 0.81	< 0.72	< 0.75	< 0.77	< 0.72	< 0.73	< 0.74	63[3]	No
m,p-Xylenes	< 1.7	< 1.5	< 1.6	< 1.6	< 1.5	< 1.5	< 1.6	2,600	No
o-Xylene	< 0.81	< 0.72	< 0.75	< 0.77	< 0.72	< 0.73	< 0.74	2,600	No
Vinyl Acetate	< 7.8	< 6.9	< 7.2	< 7.5	< 6.9	< 7.0	< 7.2	35	No
Vinyl Chloride	< 0.81	< 0.72	< 0.75	< 0.77	< 0.72	< 0.73	< 0.74	77	No

Notes:
"<" - Analyte not detected in sample above the method reporting limit or method detection limit (MDL) as applicable.
(1) CDC's Agency for Toxic Substances and Disease Registry's (ATSDR; April 2022) intermediate minimal risk level (MRL) or lower of chronic ATSDR MRL or chronic CalEPA Office of Environmental Health Hazard Assessment (OEHHA) Reference Exposure Level (REL) when intermediate value not available (unless otherwise noted).
A comparison criteria is a screening level considered to be health protective by state and federal regulatory agencies for airborne chemicals.
These levels have a built-in margin of safety; a short-term exposure above a screening level does not mean that adverse health effects will occur.
(2) Department of Toxic Substances Control (DTSC) HERO Note 3 residential screening level (noncancer-based) for air (June 2020) or Note 10 (February 2019).
(3) USEPA Regional Screening Level (noncancer-based) for residential air (May 2022).

No concentrations exceeded health-based screening levels

OFFSITE AIR MONITORING
SUMMARY OF LABORATORY DATA
5/1/2022-5/8/2022
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria (µg/m^3)[1]	Detection Exceeds Comparison
	CS-AA-02								
	5/1-5/2/2022	5/2-5/3/2022	5/3-5/4/2022	5/4-5/5/2022	5/5-5/6/2022	5/6-5/7/2022	5/7-5/8/2022		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
	Concentration (µg/m^3)								
Volatile Organic Compounds									
Acetone	< 7.9	< 6.9	< 7.0	< 7.1	< 7.5	< 6.9	< 7.0	19,000	No
Benzene	< 0.76	< 0.66	< 0.67	< 0.69	< 0.73	< 0.67	< 0.67	19	No
1,3-Butadiene	< 0.79	< 0.69	< 0.70	< 0.71	< 0.75	< 0.69	< 0.70	2.0	No
2-Butanone (MEK)	< 1.5	< 1.3	< 1.3	< 1.4	< 1.5	< 1.3	< 1.3	5,200[3]	No
Bromomethane	< 0.78	< 0.67	< 0.68	< 0.70	< 0.74	< 0.68	< 0.68	78	No
Carbon Disulfide	< 1.7	< 1.5	< 1.5	< 1.5	< 1.6	< 1.5	< 1.5	800	No
Carbon Tetrachloride	< 0.76	< 0.66	< 0.67	< 0.69	< 0.73	< 0.67	< 0.67	190	No
Chloroethane (Ethyl Chloride)	< 0.78	< 0.67	< 0.68	< 0.70	< 0.74	< 0.68	< 0.68	30,000	No
Chloroform	< 0.82	< 0.71	< 0.72	< 0.74	< 0.78	< 0.72	< 0.72	240	No
Chloromethane	< 0.78	< 0.67	< 0.68	< 0.70	< 0.74	< 0.68	< 0.68	620	No
cis-1,2-Dichloroethene	< 0.79	< 0.69	< 0.70	< 0.71	< 0.75	< 0.69	< 0.70	8.3[2]	No
Cumene (isopropylbenzene)	< 0.79	< 0.69	< 0.70	< 0.71	< 0.75	< 0.69	< 0.70	420[3]	No
1,4-Dichlorobenzene	< 0.79	< 0.69	< 0.70	< 0.71	< 0.75	< 0.69	< 0.70	1,200	No
1,1-Dichloroethene (1,1-DCE)	< 0.82	< 0.71	< 0.72	< 0.74	< 0.78	< 0.72	< 0.72	4	No
Dichloromethane (Methylene Chloride)	0.80	< 0.69	< 0.70	< 0.71	< 0.75	< 0.69	1.8	1,000	No
1,2-Dichloropropane	< 0.76	< 0.66	< 0.67	< 0.69	< 0.73	< 0.67	< 0.67	9.2	No
1,4-Dioxane	< 0.79	< 0.69	< 0.70	< 0.71	< 0.75	< 0.69	< 0.70	720	No
Ethylbenzene	< 0.79	< 0.69	< 0.70	< 0.71	< 0.75	< 0.69	< 0.70	8,700	No
n-Hexane	< 0.81	< 0.70	< 0.71	< 0.73	< 0.77	< 0.70	< 0.71	2,100	No
2-Hexanone	< 1.7	< 1.5	< 1.5	< 1.5	< 1.6	< 1.5	< 1.5	31[3]	No
4-Methyl-2-pentanone	< 1.7	< 1.5	< 1.5	< 1.5	< 1.6	< 1.5	< 1.5	3,100[3]	No
Methyl tert-Butyl Ether	< 0.81	< 0.70	< 0.71	< 0.73	< 0.77	< 0.70	< 0.71	3,600	No
Naphthalene	< 0.79	< 0.69	< 0.70	< 0.71	< 0.75	< 0.69	< 0.70	3.7	No
n-Nonane	< 0.79	< 0.69	< 0.70	< 0.71	< 0.75	< 0.69	< 0.70	21[3]	No
Styrene	< 0.76	< 0.66	< 0.67	< 0.69	< 0.73	< 0.67	< 0.67	850	No
1,1,2,2-Tetrachloroethane	< 0.79	< 0.69	< 0.70	< 0.71	< 0.75	< 0.69	< 0.70	83[2]	No
Tetrachloroethene (PCE)	< 0.79	< 0.69	< 0.70	< 0.71	< 0.75	< 0.69	< 0.70	41	No
Toluene	< 0.79	< 0.69	< 0.70	< 0.71	< 0.75	< 0.69	< 0.70	420	No
1,1,1-Trichloroethane (TCA)	< 0.79	< 0.69	< 0.70	< 0.71	< 0.75	< 0.69	< 0.70	3,800	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 0.082	< 0.071	< 0.072	< 0.074	< 0.078	< 0.072	< 0.072	11	No
Trichloroethene (TCE)	< 0.79	< 0.69	< 0.70	< 0.71	< 0.75	< 0.69	< 0.70	2.2	No
Trichlorofluoromethane (CFC 11)	1.2	1.1	1.1	1.1	1.3	1.2	1.2	1,300[2]	No
Trichlorotrifluoroethane	< 0.82	< 0.71	< 0.72	< 0.74	< 0.78	< 0.72	< 0.72	5,200[3]	No
1,2,4-Trimethylbenzene	< 0.79	< 0.69	< 0.70	< 0.71	< 0.75	< 0.69	< 0.70	63[3]	No
1,3,5-Trimethylbenzene	< 0.79	< 0.69	< 0.70	< 0.71	< 0.75	< 0.69	< 0.70	63[3]	No
m,p-Xylenes	< 1.7	< 1.5	< 1.5	< 1.5	< 1.6	< 1.5	< 1.5	2,600	No
o-Xylene	< 0.79	< 0.69	< 0.70	< 0.71	< 0.75	< 0.69	< 0.70	2,600	No
Vinyl Acetate	< 7.6	< 6.6	< 6.7	< 6.9	< 7.3	< 6.7	< 6.7	35	No
Vinyl Chloride	< 0.79	< 0.69	< 0.70	< 0.71	< 0.75	< 0.69	< 0.70	77	No

Notes:

"<" - Analyte not detected in sample above the method reporting limit or method detection limit (MDL) as applicable.

(1) CDC's Agency for Toxic Substances and Disease Registry's (ATSDR; April 2022) intermediate minimal risk level (MRL) or lower of chronic ATSDR MRL or chronic CalEPA Office of Environmental Health Hazard Assessment (OEHHA) Reference Exposure Level (REL) when intermediate value not available (unless otherwise noted).

A comparison criteria is a screening level considered to be health protective by state and federal regulatory agencies for airborne chemicals.

These levels have a built-in margin of safety; a short-term exposure above a screening level does not mean that adverse health effects will occur.

(2) Department of Toxic Substances Control (DTSC) HERO Note 3 residential screening level (noncancer-based) for air (June 2020) or Note 10 (February 2019).

(3) USEPA Regional Screening Level (noncancer-based) for residential air (May 2022).

No concentrations exceeded health-based screening levels

OFFSITE AIR MONITORING
SUMMARY OF LABORATORY DATA
5/1/2022-5/8/2022
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria (µg/m^3)[1]	Detection Exceeds Comparison
	CS-AA-03								
	5/1-5/2/2022	5/2-5/3/2022	5/3-5/4/2022	5/4-5/5/2022	5/5-5/6/2022	5/6-5/7/2022	5/7-5/8/2022		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
	Concentration (µg/m^3)								
Volatile Organic Compounds									
Acetone	< 8.1	< 7.0	< 7.0	< 6.9	< 7.6	< 7.0	< 7.0	19,000	No
Benzene	< 0.78	< 0.68	< 0.68	< 0.67	< 0.74	< 0.68	< 0.67	19	No
1,3-Butadiene	< 0.81	< 0.70	< 0.70	< 0.69	< 0.76	< 0.70	< 0.70	2.0	No
2-Butanone (MEK)	< 1.6	< 1.4	< 1.4	< 1.3	< 1.5	< 1.4	< 1.3	5,200[3]	No
Bromomethane	< 0.80	< 0.69	< 0.69	< 0.68	< 0.75	< 0.69	< 0.68	78	No
Carbon Disulfide	< 1.7	< 1.5	< 1.5	< 1.5	< 1.6	< 1.5	< 1.5	800	No
Carbon Tetrachloride	< 0.78	< 0.68	< 0.68	< 0.67	< 0.74	< 0.68	< 0.67	190	No
Chloroethane (Ethyl Chloride)	< 0.80	< 0.69	< 0.69	< 0.68	< 0.75	< 0.69	< 0.68	30,000	No
Chloroform	< 0.84	< 0.73	< 0.73	< 0.72	< 0.79	< 0.73	< 0.72	240	No
Chloromethane	< 0.80	< 0.69	< 0.69	< 0.68	< 0.75	< 0.69	< 0.68	620	No
cis-1,2-Dichloroethene	< 0.81	< 0.70	< 0.70	< 0.69	< 0.76	< 0.70	< 0.70	8.3[2]	No
Cumene (Isopropylbenzene)	< 0.81	< 0.70	< 0.70	< 0.69	< 0.76	< 0.70	< 0.70	420[3]	No
1,4-Dichlorobenzene	< 0.81	< 0.70	< 0.70	< 0.69	< 0.76	< 0.70	< 0.70	1,200	No
1,1-Dichloroethene (1,1-DCE)	< 0.84	< 0.73	< 0.73	< 0.72	< 0.79	< 0.73	< 0.72	4	No
Dichloromethane (Methylene Chloride)	< 0.81	< 0.70	< 0.70	< 0.69	< 0.76	< 0.70	0.78	1,000	No
1,2-Dichloropropane	< 0.78	< 0.68	< 0.68	< 0.67	< 0.74	< 0.68	< 0.67	9.2	No
1,4-Dioxane	< 0.81	< 0.70	< 0.70	< 0.69	< 0.76	< 0.70	< 0.70	720	No
Ethylbenzene	< 0.81	< 0.70	< 0.70	< 0.69	< 0.76	< 0.70	< 0.70	8,700	No
n-Hexane	< 0.83	< 0.72	< 0.72	< 0.70	< 0.78	0.78	< 0.71	2,100	No
2-Hexanone	< 1.7	< 1.5	< 1.5	< 1.5	< 1.6	< 1.5	< 1.5	31[3]	No
4-Methyl-2-pentanone	< 1.7	< 1.5	< 1.5	< 1.5	< 1.6	< 1.5	< 1.5	3,100[3]	No
Methyl tert-Butyl Ether	< 0.83	< 0.72	< 0.72	< 0.70	< 0.78	< 0.72	< 0.71	3,600	No
Naphthalene	< 0.81	< 0.70	< 0.70	< 0.69	< 0.76	< 0.70	< 0.70	3.7	No
n-Nonane	< 0.81	< 0.70	< 0.70	< 0.69	< 0.76	< 0.70	< 0.70	21[3]	No
Styrene	< 0.78	< 0.68	< 0.68	< 0.67	< 0.74	< 0.68	< 0.67	850	No
1,1,2,2-Tetrachloroethane	< 0.81	< 0.70	< 0.70	< 0.69	< 0.76	< 0.70	< 0.70	83[2]	No
Tetrachloroethene (PCE)	< 0.81	< 0.70	< 0.70	< 0.69	< 0.76	< 0.70	< 0.70	41	No
Toluene	< 0.81	< 0.70	< 0.70	< 0.69	< 0.76	< 0.70	< 0.70	420	No
1,1,1-Trichloroethane (TCA)	< 0.81	< 0.70	< 0.70	< 0.69	< 0.76	< 0.70	< 0.70	3,800	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 0.084	< 0.073	< 0.073	< 0.072	< 0.079	< 0.073	< 0.072	11	No
Trichloroethene (TCE)	< 0.81	< 0.70	< 0.70	< 0.69	< 0.76	< 0.70	< 0.70	2.2	No
Trichlorofluoromethane (CFC 11)	1.2	1.1	1.2	1.2	1.3	1.2	1.2	1,300[2]	No
Trichlorotrifluoroethane	< 0.84	< 0.73	< 0.73	< 0.72	< 0.79	< 0.73	< 0.72	5,200[3]	No
1,2,4-Trimethylbenzene	< 0.81	< 0.70	< 0.70	< 0.69	< 0.76	< 0.70	< 0.70	63[3]	No
1,3,5-Trimethylbenzene	< 0.81	< 0.70	< 0.70	< 0.69	< 0.76	< 0.70	< 0.70	63[3]	No
m,p-Xylenes	< 1.7	< 1.5	< 1.5	< 1.5	< 1.6	< 1.5	< 1.5	2,600	No
o-Xylene	< 0.81	< 0.70	< 0.70	< 0.69	< 0.76	< 0.70	< 0.70	2,600	No
Vinyl Acetate	< 7.8	< 6.8	< 6.8	< 6.7	< 7.4	< 6.8	< 6.7	35	No
Vinyl Chloride	< 0.81	< 0.70	< 0.70	< 0.69	< 0.76	< 0.70	< 0.70	77	No

Notes:

"<" - Analyte not detected in sample above the method reporting limit or method detection limit (MDL) as applicable.

(1) CDC's Agency for Toxic Substances and Disease Registry's (ATSDR; April 2022) intermediate minimal risk level (MRL) or lower of chronic ATSDR MRL or chronic CalEPA Office of Environmental Health Hazard Assessment (OEHHA) Reference Exposure Level (REL) when intermediate value not available (unless otherwise noted).

A comparison criteria is a screening level considered to be health protective by state and federal regulatory agencies for airborne chemicals.

These levels have a built-in margin of safety; a short-term exposure above a screening level does not mean that adverse health effects will occur.

(2) Department of Toxic Substances Control (DTSC) HERO Note 3 residential screening level (noncancer-based) for air (June 2020) or Note 10 (February 2019).

(3) USEPA Regional Screening Level (noncancer-based) for residential air (May 2022).

No concentrations exceeded health-based screening levels

OFFSITE AIR MONITORING
SUMMARY OF LABORATORY DATA
5/1/2022-5/8/2022
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria (µg/m^3)[1]	Detection Exceeds Comparison
	CS-AA-04								
	5/1-5/2/2022	5/2-5/3/2022	5/3-5/4/2022	5/4-5/5/2022	5/5-5/6/2022	5/6-5/7/2022	5/7-5/8/2022		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
	Concentration (µg/m^3)								
Volatile Organic Compounds									
Acetone	< 8.2	< 7.5	< 6.4	< 7.1	< 7.4	< 7.8	< 7.1	19,000	No
Benzene	< 0.79	< 0.72	< 0.62	< 0.69	< 0.72	< 0.75	< 0.69	19	No
1,3-Butadiene	< 0.82	< 0.75	< 0.64	< 0.71	< 0.74	< 0.78	< 0.71	2.0	No
2-Butanone (MEK)	< 1.6	< 1.4	< 1.2	1.5	< 1.4	< 1.5	< 1.4	5,200[3]	No
Bromomethane	< 0.80	< 0.73	< 0.63	< 0.70	< 0.73	< 0.77	< 0.70	78	No
Carbon Disulfide	< 1.7	< 1.6	< 1.4	< 1.5	< 1.6	< 1.7	< 1.5	800	No
Carbon Tetrachloride	< 0.79	< 0.72	< 0.62	< 0.69	< 0.72	< 0.75	< 0.69	190	No
Chloroethane (Ethyl Chloride)	< 0.80	< 0.73	< 0.63	< 0.70	< 0.73	< 0.77	< 0.70	30,000	No
Chloroform	< 0.85	< 0.78	< 0.67	< 0.74	< 0.77	< 0.81	< 0.74	240	No
Chloromethane	< 0.80	< 0.73	< 0.63	< 0.70	< 0.73	< 0.77	< 0.70	620	No
cis-1,2-Dichloroethene	< 0.82	< 0.75	< 0.64	< 0.71	< 0.74	< 0.78	< 0.71	8.3[2]	No
Cumene (Isopropylbenzene)	< 0.82	< 0.75	< 0.64	< 0.71	< 0.74	< 0.78	< 0.71	420[3]	No
1,4-Dichlorobenzene	< 0.82	< 0.75	< 0.64	< 0.71	< 0.74	< 0.78	< 0.71	1,200	No
1,1-Dichloroethene (1,1-DCE)	< 0.85	< 0.78	< 0.67	< 0.74	< 0.77	< 0.81	< 0.74	4	No
Dichloromethane (Methylene Chloride)	< 0.82	< 0.75	< 0.64	< 0.71	< 0.74	< 0.78	< 0.71	1,000	No
1,2-Dichloropropane	< 0.79	< 0.72	< 0.62	< 0.69	< 0.72	< 0.75	< 0.69	9.2	No
1,4-Dioxane	< 0.82	< 0.75	< 0.64	< 0.71	< 0.74	< 0.78	< 0.71	720	No
Ethylbenzene	< 0.82	< 0.75	< 0.64	< 0.71	< 0.74	< 0.78	< 0.71	8,700	No
n-Hexane	< 0.83	< 0.76	< 0.66	< 0.73	< 0.76	0.93	< 0.73	2,100	No
2-Hexanone	< 1.7	< 1.6	< 1.4	< 1.5	< 1.6	< 1.7	< 1.5	31[3]	No
4-Methyl-2-pentanone	< 1.7	< 1.6	< 1.4	< 1.5	< 1.6	< 1.7	< 1.5	3,100[3]	No
Methyl tert-Butyl Ether	< 0.83	< 0.76	< 0.66	< 0.73	< 0.76	< 0.80	< 0.73	3,600	No
Naphthalene	< 0.82	< 0.75	< 0.64	< 0.71	< 0.74	< 0.78	< 0.71	3.7	No
n-Nonane	< 0.82	< 0.75	< 0.64	< 0.71	< 0.74	< 0.78	< 0.71	21[3]	No
Styrene	< 0.79	< 0.72	< 0.62	< 0.69	< 0.72	< 0.75	< 0.69	850	No
1,1,2,2-Tetrachloroethane	< 0.82	< 0.75	< 0.64	< 0.71	< 0.74	< 0.78	< 0.71	83[2]	No
Tetrachloroethene (PCE)	< 0.82	< 0.75	< 0.64	< 0.71	< 0.74	< 0.78	< 0.71	41	No
Toluene	< 0.82	< 0.75	< 0.64	< 0.71	< 0.74	< 0.78	< 0.71	420	No
1,1,1-Trichloroethane (TCA)	< 0.82	< 0.75	< 0.64	< 0.71	< 0.74	< 0.78	< 0.71	3,800	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 0.085	< 0.078	< 0.067	< 0.074	< 0.077	< 0.081	< 0.074	11	No
Trichloroethene (TCE)	< 0.82	< 0.75	< 0.64	< 0.71	< 0.74	< 0.78	< 0.71	2.2	No
Trichlorofluoromethane (CFC 11)	1.2	1.1	1.2	1.1	1.3	1.2	1.2	1,300[2]	No
Trichlorotrifluoroethane	< 0.85	< 0.78	< 0.67	< 0.74	< 0.77	< 0.81	< 0.74	5,200[3]	No
1,2,4-Trimethylbenzene	< 0.82	< 0.75	< 0.64	< 0.71	< 0.74	< 0.78	< 0.71	63[3]	No
1,3,5-Trimethylbenzene	< 0.82	< 0.75	< 0.64	< 0.71	< 0.74	< 0.78	< 0.71	63[3]	No
m,p-Xylenes	< 1.7	< 1.6	< 1.4	< 1.5	< 1.6	< 1.7	< 1.5	2,600	No
o-Xylene	< 0.82	< 0.75	< 0.64	< 0.71	< 0.74	< 0.78	< 0.71	2,600	No
Vinyl Acetate	< 7.9	< 7.2	< 6.2	< 6.9	< 7.2	< 7.5	< 6.9	35	No
Vinyl Chloride	< 0.82	< 0.75	< 0.64	< 0.71	< 0.74	< 0.78	< 0.71	77	No

Notes:

"<" - Analyte not detected in sample above the method reporting limit or method detection limit (MDL) as applicable.

(1) CDC's Agency for Toxic Substances and Disease Registry's (ATSDR; April 2022) intermediate minimal risk level (MRL) or lower of chronic ATSDR MRL or chronic CalEPA Office of Environmental Health Hazard Assessment (OEHHA) Reference Exposure Level (REL) when intermediate value not available (unless otherwise noted).

A comparison criteria is a screening level considered to be health protective by state and federal regulatory agencies for airborne chemicals.

These levels have a built-in margin of safety; a short-term exposure above a screening level does not mean that adverse health effects will occur.

(2) Department of Toxic Substances Control (DTSC) HERO Note 3 residential screening level (noncancer-based) for air (June 2020) or Note 10 (February 2019).

(3) USEPA Regional Screening Level (noncancer-based) for residential air (May 2022).

Sample on 5/3-5/4/2022 validated results are considered estimated.

No concentrations exceeded health-based screening levels

OFFSITE AIR MONITORING
SUMMARY OF LABORATORY DATA
5/1/2022-5/8/2022
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

Target Chemicals	STATION ID							Comparison Criteria (µg/m^3)[1]	Detection Exceeds Comparison
	CS-AA-05								
	5/1-5/2/2022	5/2-5/3/2022	5/3-5/4/2022	5/4-5/5/2022	5/5-5/6/2022	5/6-5/7/2022	5/7-5/8/2022		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
	Concentration (µg/m^3)								
Volatile Organic Compounds									
Acetone	< 8.3	< 7.1	< 6.9	< 6.7	< 7.3	< 7.2	< 7.3	19,000	No
Benzene	< 0.80	< 0.69	< 0.67	< 0.64	< 0.70	< 0.69	< 0.71	19	No
1,3-Butadiene	< 0.83	< 0.71	< 0.69	< 0.67	< 0.73	< 0.72	< 0.73	2.0	No
2-Butanone (MEK)	< 1.6	< 1.4	< 1.3	< 1.3	< 1.4	< 1.4	< 1.4	5,200[3]	No
Bromomethane	< 0.81	< 0.70	< 0.68	< 0.65	< 0.71	< 0.70	< 0.72	78	No
Carbon Disulfide	< 1.7	< 1.5	< 1.5	< 1.4	< 1.5	< 1.5	< 1.6	800	No
Carbon Tetrachloride	< 0.80	< 0.69	< 0.67	< 0.64	< 0.70	< 0.69	< 0.71	190	No
Chloroethane (Ethyl Chloride)	< 0.81	< 0.70	< 0.68	< 0.65	< 0.71	< 0.70	< 0.72	30,000	No
Chloroform	< 0.86	< 0.74	< 0.72	< 0.69	< 0.76	< 0.75	< 0.76	240	No
Chloromethane	< 0.81	< 0.70	< 0.68	< 0.65	< 0.71	< 0.70	< 0.72	620	No
cis-1,2-Dichloroethene	< 0.83	< 0.71	< 0.69	< 0.67	< 0.73	< 0.72	< 0.73	8.3[2]	No
Cumene (Isopropylbenzene)	< 0.83	< 0.71	< 0.69	< 0.67	< 0.73	< 0.72	< 0.73	420[3]	No
1,4-Dichlorobenzene	< 0.83	< 0.71	< 0.69	< 0.67	< 0.73	< 0.72	< 0.73	1,200	No
1,1-Dichloroethene (1,1-DCE)	< 0.86	< 0.74	< 0.72	< 0.69	< 0.76	< 0.75	< 0.76	4	No
Dichloromethane (Methylene Chloride)	< 0.83	< 0.71	< 0.69	< 0.67	< 0.73	< 0.72	< 0.73	1,000	No
1,2-Dichloropropane	< 0.80	< 0.69	< 0.67	< 0.64	< 0.70	< 0.69	< 0.71	9.2	No
1,4-Dioxane	< 0.83	< 0.71	< 0.69	< 0.67	< 0.73	< 0.72	< 0.73	720	No
Ethylbenzene	< 0.83	< 0.71	< 0.69	< 0.67	< 0.73	< 0.72	< 0.73	8,700	No
n-Hexane	< 0.84	< 0.73	< 0.70	< 0.68	< 0.74	< 0.73	< 0.75	2,100	No
2-Hexanone	< 1.7	< 1.5	< 1.5	< 1.4	< 1.5	< 1.5	< 1.6	31[3]	No
4-Methyl-2-pentanone	< 1.7	< 1.5	< 1.5	< 1.4	< 1.5	< 1.5	< 1.6	3,100[3]	No
Methyl tert-Butyl Ether	< 0.84	< 0.73	< 0.70	< 0.68	< 0.74	< 0.73	< 0.75	3,600	No
Naphthalene	< 0.83	< 0.71	< 0.69	< 0.67	< 0.73	< 0.72	< 0.73	3.7	No
n-Nonane	< 0.83	< 0.71	< 0.69	< 0.67	< 0.73	< 0.72	< 0.73	21[3]	No
Styrene	< 0.80	< 0.69	< 0.67	< 0.64	< 0.70	< 0.69	< 0.71	850	No
1,1,2,2-Tetrachloroethane	< 0.83	< 0.71	< 0.69	< 0.67	< 0.73	< 0.72	< 0.73	83[2]	No
Tetrachloroethene (PCE)	< 0.83	< 0.71	< 0.69	< 0.67	< 0.73	< 0.72	< 0.73	41	No
Toluene	< 0.83	< 0.71	< 0.69	< 0.67	< 0.73	< 0.72	< 0.73	420	No
1,1,1-Trichloroethane (TCA)	< 0.83	< 0.71	< 0.69	< 0.67	< 0.73	< 0.72	< 0.73	3,800	No
1,1,2-Trichloroethane (Vinyl Chloroform)	< 0.086	< 0.074	< 0.072	< 0.069	< 0.076	< 0.075	< 0.076	11	No
Trichloroethene (TCE)	< 0.83	< 0.71	< 0.69	< 0.67	< 0.73	< 0.72	< 0.73	2.2	No
Trichlorofluoromethane (CFC 11)	1.2	1.1	1.1	1.1	1.3	1.2	1.2	1,300[2]	No
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1,2,4-Trimethylbenzene	< 0.83	< 0.71	< 0.69	< 0.67	< 0.73	< 0.72	< 0.73	63[3]	No
1,3,5-Trimethylbenzene	< 0.83	< 0.71	< 0.69	< 0.67	< 0.73	< 0.72	< 0.73	63[3]	No
m,p-Xylenes	< 1.7	< 1.5	< 1.5	< 1.4	< 1.5	< 1.5	< 1.6	2,600	No
o-Xylene	< 0.83	< 0.71	< 0.69	< 0.67	< 0.73	< 0.72	< 0.73	2,600	No
Vinyl Acetate	< 8.0	< 6.9	< 6.7	< 6.4	< 7.0	< 6.9	< 7.1	35	No
Vinyl Chloride	< 0.83	< 0.71	< 0.69	< 0.67	< 0.73	< 0.72	< 0.73	77	No

Notes:
"<" - Analyte not detected in sample above the method reporting limit or method detection limit (MDL) as applicable.
(1) CDC's Agency for Toxic Substances and Disease Registry's (ATSDR; April 2022) intermediate minimal risk level (MRL) or lower of chronic ATSDR MRL or chronic CalEPA Office of Environmental Health Hazard Assessment (OEHHA) Reference Exposure Level (REL) when intermediate value not available (unless otherwise noted).
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