

**WEEKLY AIR MONITORING  
SUMMARY OF LABORATORY DATA  
5/17/2020 - 5/24/2020  
FINAL REMEDY CONSTRUCTION  
ASCON LANDFILL SITE**

Target Chemicals	STATION ID					Comparison Criteria (µg/m <sup>3</sup> ) <sup>(1)</sup>	Detection Exceeds Comparison
	FR-AA-01						
	5/17-5/18/2020	5/18-5/19/2020	5/19-5/20/2020	5/20-5/21/2020	5/21-5/22/2020		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
Concentration (µg/m <sup>3</sup> )							
<b>Volatile Organic Compounds</b>							
Acetone	< 8.5	< 8.2	< 7.8	< 8.0	< 8.3	31,000	No
Benzene	< 0.85	< 0.82	< 0.78	< 0.80	18	19	No
1,3 Butadiene	< 0.85	< 0.82	< 0.78	< 0.80	2.5	2.0	Yes
2-Butanone (MEK)	< 1.8	< 1.7	< 1.6	< 1.7	< 1.7	5,200 <sup>(3)</sup>	No
Bromomethane	< 0.87	< 0.83	< 0.79	< 0.81	< 0.84	78	No
Carbon Disulfide	< 1.8	< 1.7	< 1.6	< 1.7	< 1.7	800	No
Carbon Tetrachloride	< 0.85	< 0.82	< 0.78	< 0.80	< 0.83	190	No
Chloroethane (Ethyl Chloride)	< 0.87	< 0.83	< 0.79	< 0.81	< 0.84	30,000	No
Chloroform	< 0.87	< 0.83	< 0.79	< 0.81	< 0.84	240	No
Chloromethane	< 0.85	< 0.82	< 0.78	< 0.80	< 0.83	410	No
cis-1,2-Dichloroethene	< 0.85	< 0.82	< 0.78	< 0.80	< 0.83	8.3 <sup>(2)</sup>	No
Cumene (isopropylbenzene)	< 0.87	< 0.83	< 0.79	< 0.81	< 0.84	420 <sup>(3)</sup>	No
1,4-Dichlorobenzene	< 0.87	< 0.83	< 0.79	< 0.81	0.92	1,200	No
1,1-Dichloroethene (1,1-DCE)	< 0.87	< 0.83	< 0.79	< 0.81	< 0.84	79	No
Dichloromethane (Methylene Chloride)	< 0.85	< 0.82	< 0.78	< 0.80	1.1	1,000	No
1,2-Dichloropropane	< 0.87	< 0.83	< 0.79	< 0.81	< 0.84	32	No
1,4-Dioxane	< 0.87	< 0.83	< 0.79	< 0.81	< 0.84	720	No
Ethylbenzene	< 0.87	< 0.83	< 0.79	< 0.81	6.5	8,700	No
n-Hexane	< 0.87	< 0.83	< 0.79	< 0.81	56	2,100	No
2-Hexanone	< 0.87	< 0.83	< 0.79	< 0.81	< 0.84	31 <sup>(3)</sup>	No
4-Methyl-2-pentanone	< 0.85	< 0.82	< 0.78	< 0.80	< 0.83	3,100 <sup>(3)</sup>	No
Methyl tert-Butyl Ether	< 0.87	< 0.83	< 0.79	< 0.81	< 0.84	2,500	No
Naphthalene	< 0.84	< 0.80	< 0.76	< 0.78	< 0.81	3.7	No
n-Nonane	< 0.87	< 0.83	< 0.79	< 0.81	2.0	21 <sup>(3)</sup>	No
Styrene	< 0.85	< 0.82	< 0.78	< 0.80	< 0.83	850	No
1,1,2,2-Tetrachloroethane	< 0.87	< 0.83	< 0.79	< 0.81	< 0.84	83 <sup>(2)</sup>	No
Tetrachloroethene (PCE)	< 0.84	< 0.80	< 0.76	< 0.78	< 0.81	41	No
Toluene	< 0.87	< 0.83	< 0.79	< 0.81	< 0.84	46	No
1,1,1-Trichloroethane (TCA)	< 0.87	< 0.83	< 0.79	< 0.81	< 0.84	3,800	No
1,1,2-Trichloroethane (vinyl chloroform)	< 0.087	< 0.083	< 0.079	< 0.081	< 0.084	0.21 <sup>(3)</sup>	No
Trichloroethene (TCE)	< 0.87	< 0.83	< 0.79	< 0.81	< 0.84	2.2	No
Trichlorofluoromethane (CFC 11)	1.1	1.1	1.1	1.1	1.2	1,300 <sup>(2)</sup>	No
Trichlorotrifluoroethane	< 0.87	< 0.83	< 0.79	< 0.81	< 0.84	5,200 <sup>(3)</sup>	No
1,2,4-Trimethylbenzene	< 0.87	< 0.83	< 0.79	< 0.81	3.8	63 <sup>(3)</sup>	No
1,3,5-Trimethylbenzene	< 0.85	< 0.82	< 0.78	< 0.80	1.1	63 <sup>(3)</sup>	No
m,p-Xylenes	< 1.8	< 1.7	< 1.6	< 1.7	21	2,600	No
o-Xylene	< 0.87	< 0.83	< 0.79	< 0.81	7.1	2,600	No
Vinyl Acetate	< 8.7	< 8.3	< 7.9	< 8.1	< 8.4	35	No
Vinyl Chloride	< 0.87	< 0.83	< 0.79	< 0.81	< 0.84	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) 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, as shown in Table 2 of Air Monitoring Plan (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 2018).

(3) USEPA Regional Screening Level (noncancer-based) for residential air (May 2018).

Samples were not collected on 5/22-5/24/2020 due to holidays.

One 1,3-butadiene concentration reading during this one-week period was slightly higher than the screening level for this chemical. Air monitoring equipment used at Ascon detects changes at a level of micrograms per cubic meter (µg/m<sup>3</sup>) in ambient air within a range of hundreds of feet. The source of the measured 1,3-butadiene concentration on May 21st (when there was no remedial work) is believed to be from the gasoline powered equipment near Station AA-01 that was used on that day to clean the excavation equipment and traffic barricades in preparation for offsite transport. The South Coast Air Quality Management District reports that 1,3-butadiene in ambient air is mainly from gasoline-powered vehicle exhaust sources. This single day exceedance of the 1,3-butadiene chronic screening level does not indicate a public health risk as screening levels are established at conservative levels and the value for 1,3-butadiene is for long-term (e.g., lifetime) average exposure. Subsequent measurements from Station AA-01 were non-detectable, supporting that there is no health risk to the community.

No concentrations exceeded health-based screening levels

WEEKLY AIR MONITORING  
SUMMARY OF LABORATORY DATA  
5/17/2020 - 5/24/2020  
FINAL REMEDY CONSTRUCTION  
ASCON LANDFILL SITE

Target Chemicals	STATION ID					Comparison Criteria (µg/m <sup>3</sup> ) <sup>(1)</sup>	Detection Exceeds Comparison
	FR-AA-03						
	5/17-5/18/2020	5/18-5/19/2020	5/19-5/20/2020	5/20-5/21/2020	5/21-5/22/2020		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
Concentration (µg/m <sup>3</sup> )							
<b>Volatile Organic Compounds</b>							
Acetone	< 9.0	< 8.2	< 8.3	< 7.4	< 7.7	31,000	No
Benzene	< 0.90	< 0.82	< 0.83	< 0.74	< 0.77	19	No
1,3 Butadiene	< 0.90	< 0.82	< 0.83	< 0.74	< 0.77	2.0	No
2-Butanone (MEK)	< 1.9	< 1.7	< 1.7	< 1.5	< 1.6	5,200 <sup>(3)</sup>	No
Bromomethane	< 0.91	< 0.83	< 0.85	< 0.75	< 0.78	78	No
Carbon Disulfide	< 1.9	< 1.7	< 1.7	< 1.5	< 1.6	800	No
Carbon Tetrachloride	< 0.90	< 0.82	< 0.83	< 0.74	< 0.77	190	No
Chloroethane (Ethyl Chloride)	< 0.91	< 0.83	< 0.85	< 0.75	< 0.78	30,000	No
Chloroform	< 0.91	< 0.83	< 0.85	< 0.75	< 0.78	240	No
Chloromethane	< 0.90	< 0.82	< 0.83	< 0.74	< 0.77	410	No
cis-1,2-Dichloroethene	< 0.90	< 0.82	< 0.83	< 0.74	< 0.77	8.3 <sup>(2)</sup>	No
Cumene (isopropylbenzene)	< 0.91	< 0.83	< 0.85	< 0.75	< 0.78	420 <sup>(3)</sup>	No
1,4-Dichlorobenzene	< 0.91	< 0.83	< 0.85	< 0.75	< 0.78	1,200	No
1,1-Dichloroethene (1,1-DCE)	< 0.91	< 0.83	< 0.85	< 0.75	< 0.78	79	No
Dichloromethane (Methylene Chloride)	< 0.90	< 0.82	< 0.83	2.2	< 0.77	1,000	No
1,2-Dichloropropane	< 0.91	< 0.83	< 0.85	< 0.75	< 0.78	32	No
1,4-Dioxane	< 0.91	< 0.83	< 0.85	< 0.75	< 0.78	720	No
Ethylbenzene	< 0.91	< 0.83	< 0.85	< 0.75	< 0.78	8,700	No
n-Hexane	< 0.91	< 0.83	< 0.85	< 0.75	< 0.78	2,100	No
2-Hexanone	< 0.91	< 0.83	< 0.85	< 0.75	< 0.78	31 <sup>(3)</sup>	No
4-Methyl-2-pentanone	< 0.90	< 0.82	< 0.83	< 0.74	< 0.77	3,100 <sup>(3)</sup>	No
Methyl tert-Butyl Ether	< 0.91	< 0.83	< 0.85	< 0.75	< 0.78	2,500	No
Naphthalene	< 0.88	< 0.80	< 0.82	< 0.72	< 0.75	3.7	No
n-Nonane	< 0.91	< 0.83	< 0.85	< 0.75	< 0.78	21 <sup>(3)</sup>	No
Styrene	< 0.90	< 0.82	< 0.83	< 0.74	< 0.77	850	No
1,1,2,2-Tetrachloroethane	< 0.91	< 0.83	< 0.85	< 0.75	< 0.78	83 <sup>(2)</sup>	No
Tetrachloroethene (PCE)	< 0.88	< 0.80	< 0.82	< 0.72	< 0.75	41	No
Toluene	< 0.91	< 0.83	< 0.85	2.7	< 0.78	300	No
1,1,1-Trichloroethane (TCA)	< 0.91	< 0.83	< 0.85	< 0.75	< 0.78	3,800	No
1,1,2-Trichloroethane (vinyl chloroform)	< 0.091	< 0.083	< 0.085	< 0.075	< 0.078	0.21 <sup>(3)</sup>	No
Trichloroethene (TCE)	< 0.91	< 0.83	< 0.85	< 0.75	< 0.78	2.2	No
Trichlorofluoromethane (CFC 11)	1.1	1.1	1.1	1.1	1.2	1,300 <sup>(2)</sup>	No
Trichlorotrifluoroethane	< 0.91	< 0.83	< 0.85	< 0.75	< 0.78	5,200 <sup>(3)</sup>	No
1,2,4-Trimethylbenzene	< 0.91	< 0.83	< 0.85	< 0.75	< 0.78	63 <sup>(3)</sup>	No
1,3,5-Trimethylbenzene	< 0.90	< 0.82	< 0.83	< 0.74	< 0.77	63 <sup>(3)</sup>	No
m,p-Xylenes	< 1.9	< 1.7	< 1.7	< 1.5	< 1.6	2,600	No
o-Xylene	< 0.91	< 0.83	< 0.85	< 0.75	< 0.78	2,600	No
Vinyl Acetate	< 9.1	< 8.3	< 8.5	< 7.5	< 7.8	35	No
Vinyl Chloride	< 0.91	< 0.83	< 0.85	< 0.75	< 0.78	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) 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, as shown in Table 2 of Air Monitoring Plan (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 2018).

(3) USEPA Regional Screening Level (noncancer-based) for residential air (May 2018).

Samples were not collected on 5/22-5/24/2020 due to holidays.

# No concentrations exceeded health-based screening levels

## WEEKLY AIR MONITORING SUMMARY OF LABORATORY DATA 5/17/2020 - 5/24/2020 FINAL REMEDY CONSTRUCTION ASCON LANDFILL SITE

Target Chemicals	STATION ID					Comparison Criteria (µg/m <sup>3</sup> ) <sup>(1)</sup>	Detection Exceeds Comparison
	FR-AA-04						
	5/17-5/18/2020	5/18-5/19/2020	5/19-5/20/2020	5/20-5/21/2020	5/21-5/22/2020		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
Concentration (µg/m <sup>3</sup> )							
<b>Volatile Organic Compounds</b>							
Acetone	< 7.8	< 7.9	< 7.0	< 7.6	< 8.0	31,000	No
Benzene	< 0.78	< 0.79	< 0.70	< 0.76	< 0.80	19	No
1,3 Butadiene	< 0.78	< 0.79	< 0.70	< 0.76	< 0.80	2.0	No
2-Butanone (MEK)	< 1.6	< 1.6	< 1.5	< 1.6	< 1.7	5,200 <sup>(3)</sup>	No
Bromomethane	< 0.80	< 0.80	< 0.71	< 0.78	< 0.82	78	No
Carbon Disulfide	< 1.6	< 1.6	< 1.5	< 1.6	< 1.7	800	No
Carbon Tetrachloride	< 0.78	< 0.79	< 0.70	< 0.76	< 0.80	190	No
Chloroethane (Ethyl Chloride)	< 0.80	< 0.80	< 0.71	< 0.78	< 0.82	30,000	No
Chloroform	< 0.80	< 0.80	< 0.71	< 0.78	< 0.82	240	No
Chloromethane	< 0.78	< 0.79	< 0.70	< 0.76	< 0.80	410	No
cis-1,2-Dichloroethene	< 0.78	< 0.79	< 0.70	< 0.76	< 0.80	8.3 <sup>(2)</sup>	No
Cumene (isopropylbenzene)	< 0.80	< 0.80	< 0.71	< 0.78	< 0.82	420 <sup>(3)</sup>	No
1,4-Dichlorobenzene	< 0.80	< 0.80	< 0.71	< 0.78	< 0.82	1,200	No
1,1-Dichloroethene (1,1-DCE)	< 0.80	< 0.80	< 0.71	< 0.78	< 0.82	79	No
Dichloromethane (Methylene Chloride)	< 0.78	< 0.79	1.5	< 0.76	< 0.80	1,000	No
1,2-Dichloropropane	< 0.80	< 0.80	< 0.71	< 0.78	< 0.82	32	No
1,4-Dioxane	< 0.80	< 0.80	< 0.71	< 0.78	< 0.82	720	No
Ethylbenzene	< 0.80	< 0.80	< 0.71	< 0.78	< 0.82	8,700	No
n-Hexane	< 0.80	< 0.80	< 0.71	< 0.78	< 0.82	2,100	No
2-Hexanone	< 0.80	< 0.80	< 0.71	< 0.78	< 0.82	31 <sup>(3)</sup>	No
4-Methyl-2-pentanone	< 0.78	< 0.79	< 0.70	< 0.76	< 0.80	3,100 <sup>(3)</sup>	No
Methyl tert-Butyl Ether	< 0.80	< 0.80	< 0.71	< 0.78	< 0.82	2,500	No
Naphthalene	< 0.77	< 0.77	< 0.69	< 0.75	< 0.79	3.7	No
n-Nonane	< 0.80	< 0.80	< 0.71	< 0.78	< 0.82	21 <sup>(3)</sup>	No
Styrene	< 0.78	< 0.79	< 0.70	< 0.76	< 0.80	850	No
1,1,2,2-Tetrachloroethane	< 0.80	< 0.80	< 0.71	< 0.78	< 0.82	83 <sup>(2)</sup>	No
Tetrachloroethene (PCE)	< 0.77	< 0.77	< 0.69	< 0.75	< 0.79	41	No
Toluene	< 0.80	< 0.80	1.5	1.3	< 0.82	300	No
1,1,1-Trichloroethane (TCA)	< 0.80	< 0.80	< 0.71	< 0.78	< 0.82	3,800	No
1,1,2-Trichloroethane (vinyl chloroform)	< 0.080	< 0.080	< 0.071	< 0.078	< 0.082	0.21 <sup>(3)</sup>	No
Trichloroethene (TCE)	< 0.80	< 0.80	< 0.71	< 0.78	< 0.82	2.2	No
Trichlorofluoromethane (CFC 11)	1.1	1.1	1.2	1.1	1.3	1,300 <sup>(2)</sup>	No
Trichlorotrifluoroethane	< 0.80	< 0.80	< 0.71	< 0.78	< 0.82	5,200 <sup>(3)</sup>	No
1,2,4-Trimethylbenzene	< 0.80	< 0.80	< 0.71	< 0.78	< 0.82	63 <sup>(3)</sup>	No
1,3,5-Trimethylbenzene	< 0.78	< 0.79	< 0.70	< 0.76	< 0.80	63 <sup>(3)</sup>	No
m,p-Xylenes	< 1.6	< 1.6	< 1.5	< 1.6	< 1.7	2,600	No
o-Xylene	< 0.80	< 0.80	< 0.71	< 0.78	< 0.82	2,600	No
Vinyl Acetate	< 8.0	< 8.0	< 7.1	< 7.8	< 8.2	35	No
Vinyl Chloride	< 0.80	< 0.80	< 0.71	< 0.78	< 0.82	77	No

**Notes:**

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(2) Department of Toxic Substances Control (DTSC) HERO Note 3 residential screening level (noncancer-based) for air (June 2018).

(3) USEPA Regional Screening Level (noncancer-based) for residential air (May 2018).

Samples were not collected on 5/22-5/24/2020 due to holidays.

**WEEKLY AIR MONITORING  
SUMMARY OF LABORATORY DATA  
5/17/2020 - 5/24/2020  
FINAL REMEDY CONSTRUCTION  
ASCOS LANDFILL SITE**

Target Chemicals	STATION ID					Comparison Criteria (µg/m <sup>3</sup> ) <sup>(1)</sup>	Detection Exceeds Comparison
	FR-AA-05						
	5/17-5/18/2020	5/18-5/19/2020	5/19-5/20/2020	5/20-5/21/2020	5/21-5/22/2020		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
Concentration (µg/m <sup>3</sup> )							
<b>Volatile Organic Compounds</b>							
Acetone	< 8.5	< 7.8	< 7.8	< 7.2	< 7.6	31,000	No
Benzene	< 0.85	< 0.78	< 0.78	< 0.72	< 0.76	19	No
1,3 Butadiene	< 0.85	< 0.78	< 0.78	< 0.72	< 0.76	2.0	No
2-Butanone (MEK)	< 1.8	< 1.6	< 1.6	< 1.5	< 1.6	5,200 <sup>(3)</sup>	No
Bromomethane	< 0.86	< 0.79	< 0.80	< 0.73	< 0.77	78	No
Carbon Disulfide	< 1.8	< 1.6	< 1.6	< 1.5	< 1.6	800	No
Carbon Tetrachloride	< 0.85	< 0.78	< 0.78	< 0.72	< 0.76	190	No
Chloroethane (Ethyl Chloride)	< 0.86	< 0.79	< 0.80	< 0.73	< 0.77	30,000	No
Chloroform	< 0.86	< 0.79	< 0.80	< 0.73	< 0.77	240	No
Chloromethane	< 0.85	< 0.78	< 0.78	< 0.72	< 0.76	410	No
cis-1,2-Dichloroethene	< 0.85	< 0.78	< 0.78	< 0.72	< 0.76	8.3 <sup>(2)</sup>	No
Cumene (isopropylbenzene)	< 0.86	< 0.79	< 0.80	< 0.73	< 0.77	420 <sup>(3)</sup>	No
1,4-Dichlorobenzene	< 0.86	< 0.79	< 0.80	< 0.73	< 0.77	1,200	No
1,1-Dichloroethene (1,1-DCE)	< 0.86	< 0.79	< 0.80	< 0.73	< 0.77	79	No
Dichloromethane (Methylene Chloride)	< 0.85	< 0.78	< 0.78	< 0.72	< 0.76	1,000	No
1,2-Dichloropropane	< 0.86	< 0.79	< 0.80	< 0.73	< 0.77	32	No
1,4-Dioxane	< 0.86	< 0.79	< 0.80	< 0.73	< 0.77	720	No
Ethylbenzene	< 0.86	< 0.79	< 0.80	< 0.73	< 0.77	8,700	No
n-Hexane	< 0.86	< 0.79	< 0.80	< 0.73	< 0.77	2,100	No
2-Hexanone	< 0.86	< 0.79	< 0.80	< 0.73	< 0.77	31 <sup>(3)</sup>	No
4-Methyl-2-pentanone	< 0.85	< 0.78	< 0.78	< 0.72	< 0.76	3,100 <sup>(3)</sup>	No
Methyl tert-Butyl Ether	< 0.86	< 0.79	< 0.80	< 0.73	< 0.77	2,500	No
Naphthalene	< 0.83	< 0.76	< 0.77	< 0.71	< 0.74	3.7	No
n-Nonane	< 0.86	< 0.79	< 0.80	< 0.73	< 0.77	21 <sup>(3)</sup>	No
Styrene	< 0.85	< 0.78	< 0.78	< 0.72	< 0.76	850	No
1,1,2,2-Tetrachloroethane	< 0.86	< 0.79	< 0.80	< 0.73	< 0.77	83 <sup>(2)</sup>	No
Tetrachloroethene (PCE)	< 0.83	< 0.76	< 0.77	< 0.71	< 0.74	41	No
Toluene	< 0.86	< 0.79	< 0.80	< 0.73	< 0.77	300	No
1,1,1-Trichloroethane (TCA)	< 0.86	< 0.79	< 0.80	< 0.73	< 0.77	3,800	No
1,1,2-Trichloroethane (vinyl chloroform)	< 0.086	< 0.079	< 0.080	< 0.073	< 0.077	0.21 <sup>(3)</sup>	No
Trichloroethene (TCE)	< 0.86	< 0.79	< 0.80	< 0.73	< 0.77	2.2	No
Trichlorofluoromethane (CFC 11)	1.1	1.2	1.2	1.1	1.3	1,300 <sup>(2)</sup>	No
Trichlorotrifluoroethane	< 0.86	< 0.79	< 0.80	< 0.73	< 0.77	5,200 <sup>(3)</sup>	No
1,2,4-Trimethylbenzene	< 0.86	< 0.79	< 0.80	< 0.73	< 0.77	63 <sup>(3)</sup>	No
1,3,5-Trimethylbenzene	< 0.85	< 0.78	< 0.78	< 0.72	< 0.76	63 <sup>(3)</sup>	No
m,p-Xylenes	< 1.8	< 1.6	< 1.6	< 1.5	< 1.6	2,600	No
o-Xylene	< 0.86	< 0.79	< 0.80	< 0.73	< 0.77	2,600	No
Vinyl Acetate	< 8.6	< 7.9	< 8.0	< 7.3	< 7.7	35	No
Vinyl Chloride	< 0.86	< 0.79	< 0.80	< 0.73	< 0.77	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) 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, as shown in Table 2 of Air Monitoring Plan (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 2018).

(3) USEPA Regional Screening Level (noncancer-based) for residential air (May 2018).

Samples were not collected on 5/22-5/24/2020 due to holidays.

# No concentrations exceeded health-based screening levels

## WEEKLY AIR MONITORING SUMMARY OF LABORATORY DATA 5/17/2020 - 5/24/2020 FINAL REMEDY CONSTRUCTION ASCEN LANDFILL SITE

Target Chemicals	STATION ID					Comparison Criteria (µg/m <sup>3</sup> ) <sup>(1)</sup>	Detection Exceeds Comparison
	FR-AA-06						
	5/17-5/18/2020	5/18-5/19/2020	5/19-5/20/2020	5/20-5/21/2020	5/21-5/22/2020		
	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours		
Concentration (µg/m <sup>3</sup> )							
<b>Volatile Organic Compounds</b>							
Acetone	< 8.7	< 7.2	< 7.2	< 8.0	9.0	31,000	No
Benzene	< 0.87	< 0.72	< 0.72	< 0.80	< 0.81	19	No
1,3 Butadiene	< 0.87	< 0.72	< 0.72	< 0.80	< 0.81	2.0	No
2-Butanone (MEK)	< 1.8	< 1.5	< 1.5	< 1.7	< 1.7	5,200 <sup>(3)</sup>	No
Bromomethane	< 0.89	< 0.73	< 0.73	< 0.82	< 0.82	78	No
Carbon Disulfide	< 1.8	< 1.5	< 1.5	< 1.7	< 1.7	800	No
Carbon Tetrachloride	< 0.87	< 0.72	< 0.72	< 0.80	< 0.81	190	No
Chloroethane (Ethyl Chloride)	< 0.89	< 0.73	< 0.73	< 0.82	< 0.82	30,000	No
Chloroform	< 0.89	< 0.73	< 0.73	< 0.82	< 0.82	240	No
Chloromethane	< 0.87	< 0.72	< 0.72	< 0.80	< 0.81	410	No
cis-1,2-Dichloroethene	< 0.87	< 0.72	< 0.72	< 0.80	< 0.81	8.3 <sup>(2)</sup>	No
Cumene (isopropylbenzene)	< 0.89	< 0.73	< 0.73	< 0.82	< 0.82	420 <sup>(3)</sup>	No
1,4-Dichlorobenzene	< 0.89	< 0.73	< 0.73	< 0.82	< 0.82	1,200	No
1,1-Dichloroethene (1,1-DCE)	< 0.89	< 0.73	< 0.73	< 0.82	< 0.82	79	No
Dichloromethane (Methylene Chloride)	< 0.87	< 0.72	< 0.72	< 0.80	< 0.81	1,000	No
1,2-Dichloropropane	< 0.89	< 0.73	< 0.73	< 0.82	< 0.82	32	No
1,4-Dioxane	< 0.89	< 0.73	< 0.73	< 0.82	< 0.82	720	No
Ethylbenzene	< 0.89	< 0.73	< 0.73	< 0.82	< 0.82	8,700	No
n-Hexane	< 0.89	< 0.73	< 0.73	< 0.82	< 0.82	2,100	No
2-Hexanone	< 0.89	< 0.73	< 0.73	< 0.82	< 0.82	31 <sup>(3)</sup>	No
4-Methyl-2-pentanone	< 0.87	< 0.72	< 0.72	< 0.80	< 0.81	3,100 <sup>(3)</sup>	No
Methyl tert-Butyl Ether	< 0.89	< 0.73	< 0.73	< 0.82	< 0.82	2,500	No
Naphthalene	< 0.86	< 0.70	< 0.70	< 0.79	< 0.79	3.7	No
n-Nonane	< 0.89	< 0.73	< 0.73	< 0.82	< 0.82	21 <sup>(3)</sup>	No
Styrene	< 0.87	< 0.72	< 0.72	< 0.80	< 0.81	850	No
1,1,2,2-Tetrachloroethane	< 0.89	< 0.73	< 0.73	< 0.82	< 0.82	83 <sup>(2)</sup>	No
Tetrachloroethene (PCE)	< 0.86	< 0.70	< 0.70	< 0.79	< 0.79	41	No
Toluene	< 0.89	< 0.73	< 0.73	2.7	< 0.82	300	No
1,1,1-Trichloroethane (TCA)	< 0.89	< 0.73	< 0.73	< 0.82	< 0.82	3,800	No
1,1,2-Trichloroethane (vinyl chloroform)	< 0.089	< 0.073	< 0.073	< 0.082	< 0.082	0.21 <sup>(3)</sup>	No
Trichloroethene (TCE)	< 0.89	< 0.73	< 0.73	< 0.82	< 0.82	2.2	No
Trichlorofluoromethane (CFC 11)	1.1	1.2	1.1	1.1	1.4	1,300 <sup>(2)</sup>	No
Trichlorotrifluoroethane	< 0.89	< 0.73	< 0.73	< 0.82	< 0.82	5,200 <sup>(3)</sup>	No
1,2,4-Trimethylbenzene	< 0.89	< 0.73	< 0.73	< 0.82	< 0.82	63 <sup>(3)</sup>	No
1,3,5-Trimethylbenzene	< 0.87	< 0.72	< 0.72	< 0.80	< 0.81	63 <sup>(3)</sup>	No
m,p-Xylenes	< 1.8	< 1.5	< 1.5	< 1.7	< 1.7	2,600	No
o-Xylene	< 0.89	< 0.73	< 0.73	< 0.82	< 0.82	2,600	No
Vinyl Acetate	< 8.9	< 7.3	< 7.3	< 8.2	< 8.2	35	No
Vinyl Chloride	< 0.89	< 0.73	< 0.73	< 0.82	< 0.82	77	No

**Notes:**

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