

No concentrations exceeded health-based screening levels

WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
8/27/2023 - 9/3/2023
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

| Target Chemicals | STATION ID | | | | | | | Comparison Criteria (µg/m ³) ⁽¹⁾ | Detection Exceeds Comparison |
|--|----------------|----------------|----------------|----------------|---------------|--------------|--------------|---|------------------------------|
| | FR-AA-01 | | | | | | | | |
| | 8/27-8/28/2023 | 8/28-8/29/2023 | 8/29-8/30/2023 | 8/30-8/31/2023 | 8/31-9/1/2023 | 9/1-9/2/2023 | 9/2-9/3/2023 | | |
| | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | | |
| Concentration (µg/m ³) | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | |
| Acetone | < 7.9 | < 8.4 | < 7.8 | < 7.1 | < 7.3 | < 7.7 | < 7.6 | 19,000 | No |
| Benzene | < 0.80 | < 0.86 | < 0.80 | < 0.72 | < 0.75 | < 0.79 | < 0.78 | 19 | No |
| 1,3-Butadiene | < 0.79 | < 0.84 | < 0.78 | < 0.71 | < 0.74 | < 0.78 | < 0.77 | 2.0 | No |
| 2-Butanone (MEK) | < 1.5 | < 1.7 | < 1.5 | < 1.4 | < 1.4 | < 1.5 | < 1.5 | 5,200 ⁽³⁾ | No |
| Bromomethane | < 0.76 | < 0.81 | < 0.75 | < 0.68 | < 0.71 | < 0.75 | < 0.74 | 78 | No |
| Carbon Disulfide | < 1.6 | < 1.7 | < 1.6 | < 1.4 | < 1.5 | < 1.6 | < 1.6 | 800 | No |
| Carbon Tetrachloride | < 0.77 | < 0.83 | < 0.77 | < 0.70 | < 0.72 | < 0.76 | < 0.75 | 190 | No |
| Chloroethane (Ethyl Chloride) | < 0.77 | < 0.83 | < 0.77 | < 0.70 | < 0.72 | < 0.76 | < 0.75 | 30,000 | No |
| Chloroform | < 0.79 | < 0.84 | < 0.78 | < 0.71 | < 0.74 | < 0.78 | < 0.77 | 240 | No |
| Chloromethane | < 0.77 | < 0.83 | < 0.77 | < 0.70 | < 0.72 | < 0.76 | < 0.75 | 620 | No |
| cis-1,2-Dichloroethene | < 0.79 | < 0.84 | < 0.78 | < 0.71 | < 0.74 | < 0.78 | < 0.77 | 8.3 ⁽²⁾ | No |
| Cumene (Isopropylbenzene) | < 0.80 | < 0.86 | < 0.80 | < 0.72 | < 0.75 | < 0.79 | < 0.78 | 420 ⁽³⁾ | No |
| 1,4-Dichlorobenzene | < 0.79 | < 0.84 | < 0.78 | < 0.71 | < 0.74 | < 0.78 | < 0.77 | 1,200 | No |
| 1,1-Dichloroethene (1,1-DCE) | < 0.80 | < 0.86 | < 0.80 | < 0.72 | < 0.75 | < 0.79 | < 0.78 | 4 | No |
| Dichloromethane (Methylene Chloride) | < 0.79 | < 0.84 | 1.5 | < 0.71 | < 0.74 | < 0.78 | < 0.77 | 1,000 | No |
| 1,2-Dichloropropane | < 0.79 | < 0.84 | < 0.78 | < 0.71 | < 0.74 | < 0.78 | < 0.77 | 9.2 | No |
| 1,4-Dioxane | < 0.79 | < 0.84 | < 0.78 | < 0.71 | < 0.74 | < 0.78 | < 0.77 | 720 | No |
| Ethylbenzene | < 0.79 | < 0.84 | < 0.78 | < 0.71 | < 0.74 | < 0.78 | < 0.77 | 8,700 | No |
| n-Hexane | < 0.79 | < 0.84 | < 0.78 | < 0.71 | < 0.74 | < 0.78 | < 0.77 | 2,100 | No |
| 2-Hexanone | < 1.6 | < 1.7 | < 1.6 | < 1.5 | < 1.5 | < 1.6 | < 1.6 | 31 ⁽³⁾ | No |
| 4-Methyl-2-pentanone | < 1.6 | < 1.7 | < 1.6 | < 1.5 | < 1.5 | < 1.6 | < 1.6 | 3,100 ⁽³⁾ | No |
| Methyl tert-Butyl Ether | < 0.80 | < 0.86 | < 0.80 | < 0.72 | < 0.75 | < 0.79 | < 0.78 | 3,600 | No |
| Naphthalene | < 0.82 | < 0.87 | < 0.81 | < 0.74 | < 0.76 | < 0.81 | < 0.80 | 3.7 | No |
| n-Nonane | < 0.79 | < 0.84 | < 0.78 | < 0.71 | < 0.74 | < 0.78 | < 0.77 | 21 ⁽³⁾ | No |
| Styrene | < 0.79 | < 0.84 | < 0.78 | < 0.71 | < 0.74 | < 0.78 | < 0.77 | 850 | No |
| 1,1,2,2-Tetrachloroethane | < 0.79 | < 0.84 | < 0.78 | < 0.71 | < 0.74 | < 0.78 | < 0.77 | 83 ⁽²⁾ | No |
| Tetrachloroethene (PCE) | < 0.79 | < 0.84 | < 0.78 | < 0.71 | < 0.74 | < 0.78 | < 0.77 | 41 | No |
| Toluene | < 0.79 | < 0.84 | < 0.78 | 1.2 | < 0.74 | < 0.78 | 0.78 | 420 | No |
| 1,1,1-Trichloroethane (TCA) | < 0.79 | < 0.84 | < 0.78 | < 0.71 | < 0.74 | < 0.78 | < 0.77 | 3,800 | No |
| 1,1,2-Trichloroethane (Vinyl Chloroform) | < 0.080 | < 0.086 | < 0.080 | < 0.072 | < 0.075 | < 0.079 | < 0.078 | 11 | No |
| Trichloroethene (TCE) | < 0.79 | < 0.84 | < 0.78 | < 0.71 | < 0.74 | < 0.78 | < 0.77 | 2.2 | No |
| Trichlorofluoromethane (CFC 11) | 1.2 | 0.99 | 1.2 | 0.94 | 0.90 | 0.96 | 1.2 | 1,300 ⁽²⁾ | No |
| Trichlorotrifluoroethane | < 0.80 | < 0.86 | < 0.80 | < 0.72 | < 0.75 | < 0.79 | < 0.78 | 5,200 ⁽³⁾ | No |
| 1,2,4-Trimethylbenzene | < 0.79 | < 0.84 | < 0.78 | < 0.71 | < 0.74 | < 0.78 | < 0.77 | 63 ⁽³⁾ | No |
| 1,3,5-Trimethylbenzene | < 0.79 | < 0.84 | < 0.78 | < 0.71 | < 0.74 | < 0.78 | < 0.77 | 63 ⁽³⁾ | No |
| m,p-Xylenes | < 1.6 | < 1.7 | < 1.6 | < 1.5 | < 1.5 | < 1.6 | < 1.6 | 2,600 | No |
| o-Xylene | < 0.79 | < 0.84 | < 0.78 | < 0.71 | < 0.74 | < 0.78 | < 0.77 | 2,600 | No |
| Vinyl Acetate | < 7.5 | < 8.0 | < 7.4 | < 6.7 | < 7.0 | < 7.4 | < 7.3 | 35 | No |
| Vinyl Chloride | < 0.76 | < 0.81 | < 0.75 | < 0.68 | < 0.71 | < 0.75 | < 0.74 | 51 | 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 2023) 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, revised May 2022) or Note 10 (February 2019).

(3) USEPA Regional Screening Level (noncancer-based) for residential air (May 2023).

No concentrations exceeded health-based screening levels

WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
8/27/2023 - 9/3/2023
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

| Target Chemicals | STATION ID | | | | | | | Comparison Criteria (µg/m ³) ⁽¹⁾ | Detection Exceeds Comparison |
|--|----------------|----------------|----------------|----------------|---------------|--------------|--------------|---|------------------------------|
| | FR-AA-02 | | | | | | | | |
| | 8/27-8/28/2023 | 8/28-8/29/2023 | 8/29-8/30/2023 | 8/30-8/31/2023 | 8/31-9/1/2023 | 9/1-9/2/2023 | 9/2-9/3/2023 | | |
| | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | | |
| Concentration (µg/m ³) | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | |
| Acetone | -- | < 7.8 | < 8.6 | < 6.6 | < 7.3 | < 7.4 | -- | 19,000 | No |
| Benzene | -- | < 0.80 | < 0.88 | < 0.68 | < 0.75 | < 0.76 | -- | 19 | No |
| 1,3-Butadiene | -- | < 0.78 | < 0.86 | < 0.67 | < 0.73 | < 0.75 | -- | 2.0 | No |
| 2-Butanone (MEK) | -- | < 1.5 | < 1.7 | < 1.3 | < 1.4 | < 1.5 | -- | 5,200 ⁽³⁾ | No |
| Bromomethane | -- | < 0.75 | < 0.83 | < 0.64 | < 0.70 | < 0.72 | -- | 78 | No |
| Carbon Disulfide | -- | < 1.6 | < 1.7 | < 1.3 | < 1.5 | < 1.5 | -- | 800 | No |
| Carbon Tetrachloride | -- | < 0.77 | < 0.85 | < 0.66 | < 0.72 | < 0.73 | -- | 190 | No |
| Chloroethane (Ethyl Chloride) | -- | < 0.77 | < 0.85 | < 0.66 | < 0.72 | < 0.73 | -- | 30,000 | No |
| Chloroform | -- | < 0.78 | < 0.86 | < 0.67 | < 0.73 | < 0.75 | -- | 240 | No |
| Chloromethane | -- | < 0.77 | < 0.85 | < 0.66 | < 0.72 | < 0.73 | -- | 620 | No |
| cis-1,2-Dichloroethene | -- | < 0.78 | < 0.86 | < 0.67 | < 0.73 | < 0.75 | -- | 8.3 ⁽²⁾ | No |
| Cumene (Isopropylbenzene) | -- | < 0.80 | < 0.88 | < 0.68 | < 0.75 | < 0.76 | -- | 420 ⁽³⁾ | No |
| 1,4-Dichlorobenzene | -- | < 0.78 | < 0.86 | < 0.67 | < 0.73 | < 0.75 | -- | 1,200 | No |
| 1,1-Dichloroethene (1,1-DCE) | -- | < 0.80 | < 0.88 | < 0.68 | < 0.75 | < 0.76 | -- | 4 | No |
| Dichloromethane (Methylene Chloride) | -- | < 0.78 | < 0.86 | < 0.67 | < 0.73 | < 0.75 | -- | 1,000 | No |
| 1,2-Dichloropropane | -- | < 0.78 | < 0.86 | < 0.67 | < 0.73 | < 0.75 | -- | 9.2 | No |
| 1,4-Dioxane | -- | < 0.78 | < 0.86 | < 0.67 | < 0.73 | < 0.75 | -- | 720 | No |
| Ethylbenzene | -- | < 0.78 | < 0.86 | < 0.67 | < 0.73 | < 0.75 | -- | 8,700 | No |
| n-Hexane | -- | < 0.78 | < 0.86 | < 0.67 | < 0.73 | < 0.75 | -- | 2,100 | No |
| 2-Hexanone | -- | < 1.6 | < 1.8 | < 1.4 | < 1.5 | < 1.6 | -- | 31 ⁽³⁾ | No |
| 4-Methyl-2-pentanone | -- | < 1.6 | < 1.8 | < 1.4 | < 1.5 | < 1.6 | -- | 3,100 ⁽³⁾ | No |
| Methyl tert-Butyl Ether | -- | < 0.80 | < 0.88 | < 0.68 | < 0.75 | < 0.76 | -- | 3,600 | No |
| Naphthalene | -- | < 0.81 | < 0.90 | < 0.69 | < 0.76 | < 0.78 | -- | 3.7 | No |
| n-Nonane | -- | < 0.78 | < 0.86 | < 0.67 | < 0.73 | < 0.75 | -- | 21 ⁽³⁾ | No |
| Styrene | -- | < 0.78 | < 0.86 | < 0.67 | < 0.73 | < 0.75 | -- | 850 | No |
| 1,1,2,2-Tetrachloroethane | -- | < 0.78 | < 0.86 | < 0.67 | < 0.73 | < 0.75 | -- | 83 ⁽²⁾ | No |
| Tetrachloroethene (PCE) | -- | < 0.78 | < 0.86 | < 0.67 | < 0.73 | < 0.75 | -- | 41 | No |
| Toluene | -- | < 0.78 | < 0.86 | 0.74 | < 0.73 | < 0.75 | -- | 420 | No |
| 1,1,1-Trichloroethane (TCA) | -- | < 0.78 | < 0.86 | < 0.67 | < 0.73 | < 0.75 | -- | 3,800 | No |
| 1,1,2-Trichloroethane (Vinyl Chloroform) | -- | < 0.080 | < 0.088 | < 0.068 | < 0.075 | < 0.076 | -- | 11 | No |
| Trichloroethene (TCE) | -- | < 0.78 | < 0.86 | < 0.67 | < 0.73 | < 0.75 | -- | 2.2 | No |
| Trichlorofluoromethane (CFC 11) | -- | 1.0 | 1.2 | 0.95 | 0.91 | 0.90 | -- | 1,300 ⁽²⁾ | No |
| Trichlorotrifluoroethane | -- | < 0.80 | < 0.88 | < 0.68 | < 0.75 | < 0.76 | -- | 5,200 ⁽³⁾ | No |
| 1,2,4-Trimethylbenzene | -- | < 0.78 | < 0.86 | < 0.67 | < 0.73 | < 0.75 | -- | 63 ⁽³⁾ | No |
| 1,3,5-Trimethylbenzene | -- | < 0.78 | < 0.86 | < 0.67 | < 0.73 | < 0.75 | -- | 63 ⁽³⁾ | No |
| m,p-Xylenes | -- | < 1.6 | < 1.8 | < 1.4 | < 1.5 | < 1.6 | -- | 2,600 | No |
| o-Xylene | -- | < 0.78 | < 0.86 | < 0.67 | < 0.73 | < 0.75 | -- | 2,600 | No |
| Vinyl Acetate | -- | < 7.4 | < 8.2 | < 6.3 | < 6.9 | < 7.1 | -- | 35 | No |
| Vinyl Chloride | -- | < 0.75 | < 0.83 | < 0.64 | < 0.70 | < 0.72 | -- | 51 | 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 2023) intermediate minimal risk level (MRL) or lower of chronic ATSDR MRL or chronic CalEPA Office of Environmental Health Hazard Assessment (OEHHHA) 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, revised May 2022) or Note 10 (February 2019).

(3) USEPA Regional Screening Level (noncancer-based) for residential air (May 2023).

Samples were not collected on 8/27-8/28/2023 and 9/2-9/3/2023.

Sample on 8/30-8/31/2023 validated results are considered estimated.

No concentrations exceeded health-based screening levels

WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
8/27/2023 - 9/3/2023
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

| Target Chemicals | STATION ID | | | | | | | Comparison Criteria (µg/m ³) ⁽¹⁾ | Detection Exceeds Comparison |
|--|----------------|----------------|----------------|----------------|---------------|--------------|--------------|---|------------------------------|
| | FR-AA-03 | | | | | | | | |
| | 8/27-8/28/2023 | 8/28-8/29/2023 | 8/29-8/30/2023 | 8/30-8/31/2023 | 8/31-9/1/2023 | 9/1-9/2/2023 | 9/2-9/3/2023 | | |
| | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | | |
| Concentration (µg/m ³) | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | |
| Acetone | < 8.3 | < 7.7 | < 1.1 | < 6.7 | < 7.2 | < 7.4 | 11 | 19,000 | No |
| Benzene | < 0.85 | < 0.79 | < 1.1 | < 0.69 | < 0.74 | < 0.76 | < 0.75 | 19 | No |
| 1,3-Butadiene | < 0.84 | < 0.77 | < 1.1 | < 0.67 | < 0.73 | < 0.74 | < 0.74 | 2.0 | No |
| 2-Butanone (MEK) | < 1.6 | < 1.5 | < 2.1 | < 1.3 | < 1.4 | < 1.5 | < 1.4 | 5,200 ⁽³⁾ | No |
| Bromomethane | < 0.81 | < 0.74 | < 1.0 | < 0.65 | < 0.70 | < 0.71 | < 0.71 | 78 | No |
| Carbon Disulfide | < 1.7 | < 1.6 | < 2.2 | < 1.4 | < 1.5 | < 1.5 | < 1.5 | 800 | No |
| Carbon Tetrachloride | < 0.82 | < 0.76 | < 1.1 | < 0.66 | < 0.71 | < 0.73 | < 0.72 | 190 | No |
| Chloroethane (Ethyl Chloride) | < 0.82 | < 0.76 | < 1.1 | < 0.66 | < 0.71 | < 0.73 | < 0.72 | 30,000 | No |
| Chloroform | < 0.84 | < 0.77 | < 1.1 | < 0.67 | < 0.73 | < 0.74 | < 0.74 | 240 | No |
| Chloromethane | < 0.82 | < 0.76 | < 1.1 | < 0.66 | < 0.71 | < 0.73 | < 0.72 | 620 | No |
| cis-1,2-Dichloroethene | < 0.84 | < 0.77 | < 1.1 | < 0.67 | < 0.73 | < 0.74 | < 0.74 | 8.3 ⁽²⁾ | No |
| Cumene (Isopropylbenzene) | < 0.85 | < 0.79 | < 1.1 | < 0.69 | < 0.74 | < 0.76 | < 0.75 | 420 ⁽³⁾ | No |
| 1,4-Dichlorobenzene | < 0.84 | < 0.77 | < 1.1 | < 0.67 | < 0.73 | < 0.74 | < 0.74 | 1,200 | No |
| 1,1-Dichloroethene (1,1-DCE) | < 0.85 | < 0.79 | < 1.1 | < 0.69 | < 0.74 | < 0.76 | < 0.75 | 4 | No |
| Dichloromethane (Methylene Chloride) | < 0.84 | < 0.77 | 1.5 | < 0.67 | < 0.73 | < 0.74 | < 0.74 | 1,000 | No |
| 1,2-Dichloropropane | < 0.84 | < 0.77 | < 1.1 | < 0.67 | < 0.73 | < 0.74 | < 0.74 | 9.2 | No |
| 1,4-Dioxane | < 0.84 | < 0.77 | < 1.1 | < 0.67 | < 0.73 | < 0.74 | < 0.74 | 720 | No |
| Ethylbenzene | < 0.84 | < 0.77 | < 1.1 | < 0.67 | < 0.73 | < 0.74 | < 0.74 | 8,700 | No |
| n-Hexane | < 0.84 | < 0.77 | < 1.1 | < 0.67 | < 0.73 | < 0.74 | < 0.74 | 2,100 | No |
| 2-Hexanone | < 1.7 | < 1.6 | < 2.3 | < 1.4 | < 1.5 | < 1.5 | < 1.5 | 31 ⁽³⁾ | No |
| 4-Methyl-2-pentanone | < 1.7 | < 1.6 | < 2.3 | < 1.4 | < 1.5 | < 1.5 | < 1.5 | 3,100 ⁽³⁾ | No |
| Methyl tert-Butyl Ether | < 0.85 | < 0.79 | < 1.1 | < 0.69 | < 0.74 | < 0.76 | < 0.75 | 3,600 | No |
| Naphthalene | < 0.87 | < 0.80 | < 1.1 | < 0.70 | < 0.75 | < 0.77 | < 0.76 | 3.7 | No |
| n-Nonane | < 0.84 | < 0.77 | < 1.1 | < 0.67 | < 0.73 | < 0.74 | < 0.74 | 21 ⁽³⁾ | No |
| Styrene | < 0.84 | < 0.77 | < 1.1 | < 0.67 | < 0.73 | < 0.74 | < 0.74 | 850 | No |
| 1,1,2,2-Tetrachloroethane | < 0.84 | < 0.77 | < 1.1 | < 0.67 | < 0.73 | < 0.74 | < 0.74 | 83 ⁽²⁾ | No |
| Tetrachloroethene (PCE) | < 0.84 | < 0.77 | < 1.1 | < 0.67 | < 0.73 | < 0.74 | < 0.74 | 41 | No |
| Toluene | < 0.84 | < 0.77 | 1.3 | 0.95 | < 0.73 | < 0.74 | < 0.74 | 420 | No |
| 1,1,1-Trichloroethane (TCA) | < 0.84 | < 0.77 | < 1.1 | < 0.67 | < 0.73 | < 0.74 | < 0.74 | 3,800 | No |
| 1,1,2-Trichloroethane (Vinyl Chloroform) | < 0.085 | < 0.079 | < 0.11 | < 0.069 | < 0.074 | < 0.076 | < 0.075 | 11 | No |
| Trichloroethene (TCE) | < 0.84 | < 0.77 | < 1.1 | < 0.67 | < 0.73 | < 0.74 | < 0.74 | 2.2 | No |
| Trichlorofluoromethane (CFC 11) | 1.2 | 0.98 | 1.2 | 0.94 | 0.88 | 0.91 | 1.1 | 1,300 ⁽²⁾ | No |
| Trichlorotrifluoroethane | < 0.85 | < 0.79 | < 1.1 | < 0.69 | < 0.74 | < 0.76 | < 0.75 | 5,200 ⁽³⁾ | No |
| 1,2,4-Trimethylbenzene | < 0.84 | < 0.77 | < 1.1 | < 0.67 | < 0.73 | < 0.74 | < 0.74 | 63 ⁽³⁾ | No |
| 1,3,5-Trimethylbenzene | < 0.84 | < 0.77 | < 1.1 | < 0.67 | < 0.73 | < 0.74 | < 0.74 | 63 ⁽³⁾ | No |
| m,p-Xylenes | < 1.7 | < 1.6 | < 2.3 | < 1.4 | < 1.5 | < 1.5 | < 1.5 | 2,600 | No |
| o-Xylene | < 0.84 | < 0.77 | < 1.1 | < 0.67 | < 0.73 | < 0.74 | < 0.74 | 2,600 | No |
| Vinyl Acetate | < 7.9 | < 7.3 | < 10 | < 6.4 | < 6.9 | < 7.0 | < 7.0 | 35 | No |
| Vinyl Chloride | < 0.81 | < 0.74 | < 1.0 | < 0.65 | < 0.70 | < 0.71 | < 0.71 | 51 | 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 2023) 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, revised May 2022) or Note 10 (February 2019).

(3) USEPA Regional Screening Level (noncancer-based) for residential air (May 2023).

Sample on 8/30-8/31/2023 validated results are considered estimated.

No concentrations exceeded health-based screening levels

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SUMMARY OF LABORATORY DATA
8/27/2023 - 9/3/2023
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

| Target Chemicals | STATION ID | | | | | | | Comparison Criteria (µg/m ³) ⁽¹⁾ | Detection Exceeds Comparison |
|--|----------------|----------------|----------------|----------------|---------------|--------------|--------------|---|------------------------------|
| | FR-AA-04 | | | | | | | | |
| | 8/27-8/28/2023 | 8/28-8/29/2023 | 8/29-8/30/2023 | 8/30-8/31/2023 | 8/31-9/1/2023 | 9/1-9/2/2023 | 9/2-9/3/2023 | | |
| | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | | |
| Concentration (µg/m ³) | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | |
| Acetone | < 7.8 | < 8.1 | < 8.3 | < 7.7 | < 6.7 | < 7.3 | < 7.3 | 19,000 | No |
| Benzene | < 0.80 | < 0.83 | < 0.85 | < 0.79 | < 0.69 | < 0.75 | < 0.75 | 19 | No |
| 1,3-Butadiene | < 0.78 | < 0.82 | < 0.83 | < 0.78 | < 0.68 | < 0.73 | < 0.74 | 2.0 | No |
| 2-Butanone (MEK) | < 1.5 | < 1.6 | < 1.6 | < 1.5 | < 1.3 | < 1.4 | < 1.4 | 5,200 ⁽³⁾ | No |
| Bromomethane | < 0.75 | < 0.79 | < 0.80 | < 0.75 | < 0.65 | < 0.70 | < 0.71 | 78 | No |
| Carbon Disulfide | < 1.6 | < 1.6 | < 1.7 | < 1.6 | < 1.4 | < 1.5 | < 1.5 | 800 | No |
| Carbon Tetrachloride | < 0.77 | < 0.80 | < 0.82 | < 0.76 | < 0.67 | < 0.72 | < 0.72 | 190 | No |
| Chloroethane (Ethyl Chloride) | < 0.77 | < 0.80 | < 0.82 | < 0.76 | < 0.67 | < 0.72 | < 0.72 | 30,000 | No |
| Chloroform | < 0.78 | < 0.82 | < 0.83 | < 0.78 | < 0.68 | < 0.73 | < 0.74 | 240 | No |
| Chloromethane | < 0.77 | < 0.80 | < 0.82 | < 0.76 | < 0.67 | < 0.72 | < 0.72 | 620 | No |
| cis-1,2-Dichloroethene | < 0.78 | < 0.82 | < 0.83 | < 0.78 | < 0.68 | < 0.73 | < 0.74 | 8.3 ⁽²⁾ | No |
| Cumene (Isopropylbenzene) | < 0.80 | < 0.83 | < 0.85 | < 0.79 | < 0.69 | < 0.75 | < 0.75 | 420 ⁽³⁾ | No |
| 1,4-Dichlorobenzene | < 0.78 | < 0.82 | < 0.83 | < 0.78 | < 0.68 | < 0.73 | < 0.74 | 1,200 | No |
| 1,1-Dichloroethene (1,1-DCE) | < 0.80 | < 0.83 | < 0.85 | < 0.79 | < 0.69 | < 0.75 | < 0.75 | 4 | No |
| Dichloromethane (Methylene Chloride) | < 0.78 | < 0.82 | < 0.83 | 0.95 | < 0.68 | < 0.73 | < 0.74 | 1,000 | No |
| 1,2-Dichloropropane | < 0.78 | < 0.82 | < 0.83 | < 0.78 | < 0.68 | < 0.73 | < 0.74 | 9.2 | No |
| 1,4-Dioxane | < 0.78 | < 0.82 | < 0.83 | < 0.78 | < 0.68 | < 0.73 | < 0.74 | 720 | No |
| Ethylbenzene | < 0.78 | < 0.82 | < 0.83 | < 0.78 | < 0.68 | < 0.73 | < 0.74 | 8,700 | No |
| n-Hexane | < 0.78 | < 0.82 | < 0.83 | < 0.78 | < 0.68 | < 0.73 | < 0.74 | 2,100 | No |
| 2-Hexanone | < 1.6 | < 1.7 | < 1.7 | < 1.6 | < 1.4 | < 1.5 | < 1.5 | 31 ⁽³⁾ | No |
| 4-Methyl-2-pentanone | < 1.6 | < 1.7 | < 1.7 | < 1.6 | < 1.4 | < 1.5 | < 1.5 | 3,100 ⁽³⁾ | No |
| Methyl tert-Butyl Ether | < 0.80 | < 0.83 | < 0.85 | < 0.79 | < 0.69 | < 0.75 | < 0.75 | 3,600 | No |
| Naphthalene | < 0.81 | < 0.85 | < 0.86 | < 0.81 | < 0.70 | < 0.76 | < 0.76 | 3.7 | No |
| n-Nonane | < 0.78 | < 0.82 | < 0.83 | < 0.78 | < 0.68 | < 0.73 | < 0.74 | 21 ⁽³⁾ | No |
| Styrene | < 0.78 | < 0.82 | < 0.83 | < 0.78 | < 0.68 | < 0.73 | < 0.74 | 850 | No |
| 1,1,2,2-Tetrachloroethane | < 0.78 | < 0.82 | < 0.83 | < 0.78 | < 0.68 | < 0.73 | < 0.74 | 83 ⁽²⁾ | No |
| Tetrachloroethene (PCE) | < 0.78 | < 0.82 | < 0.83 | < 0.78 | < 0.68 | < 0.73 | < 0.74 | 41 | No |
| Toluene | < 0.78 | < 0.82 | < 0.83 | < 0.78 | 1.1 | < 0.73 | 1.1 | 420 | No |
| 1,1,1-Trichloroethane (TCA) | < 0.78 | < 0.82 | < 0.83 | < 0.78 | < 0.68 | < 0.73 | < 0.74 | 3,800 | No |
| 1,1,2-Trichloroethane (Vinyl Chloroform) | < 0.080 | < 0.083 | < 0.085 | < 0.079 | < 0.069 | < 0.075 | < 0.075 | 11 | No |
| Trichloroethene (TCE) | < 0.78 | < 0.82 | < 0.83 | < 0.78 | < 0.68 | < 0.73 | < 0.74 | 2.2 | No |
| Trichlorofluoromethane (CFC 11) | 1.3 | 1.0 | 1.2 | 0.97 | 0.92 | 0.86 | 1.2 | 1,300 ⁽²⁾ | No |
| Trichlorotrifluoroethane | < 0.80 | < 0.83 | < 0.85 | < 0.79 | < 0.69 | < 0.75 | < 0.75 | 5,200 ⁽³⁾ | No |
| 1,2,4-Trimethylbenzene | < 0.78 | < 0.82 | < 0.83 | < 0.78 | < 0.68 | < 0.73 | < 0.74 | 63 ⁽³⁾ | No |
| 1,3,5-Trimethylbenzene | < 0.78 | < 0.82 | < 0.83 | < 0.78 | < 0.68 | < 0.73 | < 0.74 | 63 ⁽³⁾ | No |
| m,p-Xylenes | < 1.6 | < 1.7 | < 1.7 | < 1.6 | < 1.4 | < 1.5 | < 1.5 | 2,600 | No |
| o-Xylene | < 0.78 | < 0.82 | < 0.83 | < 0.78 | < 0.68 | < 0.73 | < 0.74 | 2,600 | No |
| Vinyl Acetate | < 7.4 | < 7.7 | < 7.9 | < 7.4 | < 6.4 | < 6.9 | < 7.0 | 35 | No |
| Vinyl Chloride | < 0.75 | < 0.79 | < 0.80 | < 0.75 | < 0.65 | < 0.70 | < 0.71 | 51 | 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 2023) intermediate minimal risk level (MRL) or lower of chronic ATSDR MRL or chronic CalEPA Office of Environmental Health Hazard Assessment (OEHHHA) 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, revised May 2022) or Note 10 (February 2019).

(3) USEPA Regional Screening Level (noncancer-based) for residential air (May 2023).

Sample on 8/31-9/1/2023 validated results are considered estimated.

No concentrations exceeded health-based screening levels

WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
8/27/2023 - 9/3/2023
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

| Target Chemicals | STATION ID | | | | | | | Comparison Criteria (µg/m ³) ⁽¹⁾ | Detection Exceeds Comparison |
|--|----------------|----------------|----------------|----------------|---------------|--------------|--------------|---|------------------------------|
| | FR-AA-05 | | | | | | | | |
| | 8/27-8/28/2023 | 8/28-8/29/2023 | 8/29-8/30/2023 | 8/30-8/31/2023 | 8/31-9/1/2023 | 9/1-9/2/2023 | 9/2-9/3/2023 | | |
| | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | | |
| Concentration (µg/m ³) | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | |
| Acetone | < 7.3 | < 8.0 | < 8.5 | < 7.7 | < 6.7 | < 7.5 | -- | 19,000 | No |
| Benzene | < 0.75 | < 0.82 | < 0.87 | < 0.79 | < 0.69 | < 0.77 | -- | 19 | No |
| 1,3-Butadiene | < 0.73 | < 0.81 | < 0.86 | < 0.77 | < 0.67 | < 0.75 | -- | 2.0 | No |
| 2-Butanone (MEK) | < 1.4 | < 1.6 | < 1.7 | < 1.5 | < 1.3 | < 1.5 | -- | 5,200 ⁽³⁾ | No |
| Bromomethane | < 0.70 | < 0.78 | < 0.83 | < 0.74 | < 0.65 | < 0.72 | -- | 78 | No |
| Carbon Disulfide | < 1.5 | < 1.6 | < 1.7 | < 1.6 | < 1.4 | < 1.5 | -- | 800 | No |
| Carbon Tetrachloride | < 0.72 | < 0.79 | < 0.84 | < 0.76 | < 0.66 | < 0.74 | -- | 190 | No |
| Chloroethane (Ethyl Chloride) | < 0.72 | < 0.79 | < 0.84 | < 0.76 | < 0.66 | < 0.74 | -- | 30,000 | No |
| Chloroform | < 0.73 | < 0.81 | < 0.86 | < 0.77 | < 0.67 | < 0.75 | -- | 240 | No |
| Chloromethane | < 0.72 | < 0.79 | < 0.84 | < 0.76 | < 0.66 | < 0.74 | -- | 620 | No |
| cis-1,2-Dichloroethene | < 0.73 | < 0.81 | < 0.86 | < 0.77 | < 0.67 | < 0.75 | -- | 8.3 ⁽²⁾ | No |
| Cumene (Isopropylbenzene) | < 0.75 | < 0.82 | < 0.87 | < 0.79 | < 0.69 | < 0.77 | -- | 420 ⁽³⁾ | No |
| 1,4-Dichlorobenzene | < 0.73 | < 0.81 | < 0.86 | < 0.77 | < 0.67 | < 0.75 | -- | 1,200 | No |
| 1,1-Dichloroethene (1,1-DCE) | < 0.75 | < 0.82 | < 0.87 | < 0.79 | < 0.69 | < 0.77 | -- | 4 | No |
| Dichloromethane (Methylene Chloride) | < 0.73 | < 0.81 | < 0.86 | < 0.77 | < 0.67 | < 0.75 | -- | 1,000 | No |
| 1,2-Dichloropropane | < 0.73 | < 0.81 | < 0.86 | < 0.77 | < 0.67 | < 0.75 | -- | 9.2 | No |
| 1,4-Dioxane | < 0.73 | < 0.81 | < 0.86 | < 0.77 | < 0.67 | < 0.75 | -- | 720 | No |
| Ethylbenzene | < 0.73 | < 0.81 | < 0.86 | < 0.77 | < 0.67 | < 0.75 | -- | 8,700 | No |
| n-Hexane | < 0.73 | < 0.81 | < 0.86 | < 0.77 | < 0.67 | < 0.75 | -- | 2,100 | No |
| 2-Hexanone | < 1.5 | < 1.7 | < 1.8 | < 1.6 | < 1.4 | < 1.6 | -- | 31 ⁽³⁾ | No |
| 4-Methyl-2-pentanone | < 1.5 | < 1.7 | < 1.8 | < 1.6 | < 1.4 | < 1.6 | -- | 3,100 ⁽³⁾ | No |
| Methyl tert-Butyl Ether | < 0.75 | < 0.82 | < 0.87 | < 0.79 | < 0.69 | < 0.77 | -- | 3,600 | No |
| Naphthalene | < 0.76 | < 0.84 | < 0.89 | < 0.80 | < 0.70 | < 0.78 | -- | 3.7 | No |
| n-Nonane | < 0.73 | < 0.81 | < 0.86 | < 0.77 | < 0.67 | < 0.75 | -- | 21 ⁽³⁾ | No |
| Styrene | < 0.73 | < 0.81 | < 0.86 | < 0.77 | < 0.67 | < 0.75 | -- | 850 | No |
| 1,1,2,2-Tetrachloroethane | < 0.73 | < 0.81 | < 0.86 | < 0.77 | < 0.67 | < 0.75 | -- | 83 ⁽²⁾ | No |
| Tetrachloroethene (PCE) | < 0.73 | < 0.81 | < 0.86 | < 0.77 | < 0.67 | < 0.75 | -- | 41 | No |
| Toluene | 1.0 | < 0.81 | < 0.86 | < 0.77 | 0.92 | < 0.75 | -- | 420 | No |
| 1,1,1-Trichloroethane (TCA) | < 0.73 | < 0.81 | < 0.86 | < 0.77 | < 0.67 | < 0.75 | -- | 3,800 | No |
| 1,1,2-Trichloroethane (Vinyl Chloroform) | < 0.075 | < 0.082 | < 0.087 | < 0.079 | < 0.069 | < 0.077 | -- | 11 | No |
| Trichloroethene (TCE) | < 0.73 | < 0.81 | < 0.86 | < 0.77 | < 0.67 | < 0.75 | -- | 2.2 | No |
| Trichlorofluoromethane (CFC 11) | 1.3 | 1.0 | 1.2 | 0.90 | 0.92 | 0.95 | -- | 1,300 ⁽²⁾ | No |
| Trichlorotrifluoroethane | < 0.75 | < 0.82 | < 0.87 | < 0.79 | < 0.69 | < 0.77 | -- | 5,200 ⁽³⁾ | No |
| 1,2,4-Trimethylbenzene | < 0.73 | < 0.81 | < 0.86 | < 0.77 | < 0.67 | < 0.75 | -- | 63 ⁽³⁾ | No |
| 1,3,5-Trimethylbenzene | < 0.73 | < 0.81 | < 0.86 | < 0.77 | < 0.67 | < 0.75 | -- | 63 ⁽³⁾ | No |
| m,p-Xylenes | < 1.5 | < 1.7 | < 1.8 | < 1.6 | < 1.4 | < 1.6 | -- | 2,600 | No |
| o-Xylene | < 0.73 | < 0.81 | < 0.86 | < 0.77 | < 0.67 | < 0.75 | -- | 2,600 | No |
| Vinyl Acetate | < 6.9 | < 7.6 | < 8.1 | < 7.3 | < 6.4 | < 7.1 | -- | 35 | No |
| Vinyl Chloride | < 0.70 | < 0.78 | < 0.83 | < 0.74 | < 0.65 | < 0.72 | -- | 51 | 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 2023) 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, revised May 2022) or Note 10 (February 2019).

(3) USEPA Regional Screening Level (noncancer-based) for residential air (May 2023).

Sample on 9/2-9/3/2023 was not analyzed due to equipment malfunction.

Sample on 8/31-9/1/2023 validated results are considered estimated.

No concentrations exceeded health-based screening levels

WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
8/27/2023 - 9/3/2023
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

| Target Chemicals | STATION ID | | | | | | | Comparison Criteria (µg/m ³) ⁽¹⁾ | Detection Exceeds Comparison |
|--|----------------|----------------|----------------|----------------|---------------|--------------|--------------|---|------------------------------|
| | FR-AA-06 | | | | | | | | |
| | 8/27-8/28/2023 | 8/28-8/29/2023 | 8/29-8/30/2023 | 8/30-8/31/2023 | 8/31-9/1/2023 | 9/1-9/2/2023 | 9/2-9/3/2023 | | |
| | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | | |
| Concentration (µg/m ³) | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | |
| Acetone | < 7.9 | < 7.8 | < 7.6 | < 8.2 | < 6.7 | < 7.3 | < 7.1 | 19,000 | No |
| Benzene | < 0.81 | < 0.80 | < 0.78 | < 0.84 | < 0.69 | < 0.75 | < 0.73 | 19 | No |
| 1,3-Butadiene | < 0.80 | < 0.78 | < 0.77 | < 0.82 | < 0.68 | < 0.74 | < 0.72 | 2.0 | No |
| 2-Butanone (MEK) | < 1.6 | < 1.5 | < 1.5 | < 1.6 | < 1.3 | < 1.4 | < 1.4 | 5,200 ⁽³⁾ | No |
| Bromomethane | < 0.77 | < 0.75 | < 0.74 | < 0.79 | < 0.65 | < 0.71 | < 0.69 | 78 | No |
| Carbon Disulfide | < 1.6 | < 1.6 | < 1.6 | < 1.7 | < 1.4 | < 1.5 | < 1.4 | 800 | No |
| Carbon Tetrachloride | < 0.78 | < 0.77 | < 0.75 | < 0.81 | < 0.67 | < 0.72 | < 0.70 | 190 | No |
| Chloroethane (Ethyl Chloride) | < 0.78 | < 0.77 | < 0.75 | < 0.81 | < 0.67 | < 0.72 | < 0.70 | 30,000 | No |
| Chloroform | < 0.80 | < 0.78 | < 0.77 | < 0.82 | < 0.68 | < 0.74 | < 0.72 | 240 | No |
| Chloromethane | < 0.78 | < 0.77 | < 0.75 | < 0.81 | < 0.67 | < 0.72 | < 0.70 | 620 | No |
| cis-1,2-Dichloroethene | < 0.80 | < 0.78 | < 0.77 | < 0.82 | < 0.68 | < 0.74 | < 0.72 | 8.3 ⁽²⁾ | No |
| Cumene (Isopropylbenzene) | < 0.81 | < 0.80 | < 0.78 | < 0.84 | < 0.69 | < 0.75 | < 0.73 | 420 ⁽³⁾ | No |
| 1,4-Dichlorobenzene | < 0.80 | < 0.78 | < 0.77 | < 0.82 | < 0.68 | < 0.74 | < 0.72 | 1,200 | No |
| 1,1-Dichloroethene (1,1-DCE) | < 0.81 | < 0.80 | < 0.78 | < 0.84 | < 0.69 | < 0.75 | < 0.73 | 4 | No |
| Dichloromethane (Methylene Chloride) | < 0.80 | < 0.78 | < 0.77 | < 0.82 | < 0.68 | < 0.74 | < 0.72 | 1,000 | No |
| 1,2-Dichloropropane | < 0.80 | < 0.78 | < 0.77 | < 0.82 | < 0.68 | < 0.74 | < 0.72 | 9.2 | No |
| 1,4-Dioxane | < 0.80 | < 0.78 | < 0.77 | < 0.82 | < 0.68 | < 0.74 | < 0.72 | 720 | No |
| Ethylbenzene | < 0.80 | < 0.78 | < 0.77 | < 0.82 | < 0.68 | < 0.74 | < 0.72 | 8,700 | No |
| n-Hexane | < 0.80 | < 0.78 | < 0.77 | < 0.82 | < 0.68 | < 0.74 | < 0.72 | 2,100 | No |
| 2-Hexanone | < 1.7 | < 1.6 | < 1.6 | < 1.7 | < 1.4 | < 1.5 | < 1.5 | 31 ⁽³⁾ | No |
| 4-Methyl-2-pentanone | < 1.7 | < 1.6 | < 1.6 | < 1.7 | < 1.4 | < 1.5 | < 1.5 | 3,100 ⁽³⁾ | No |
| Methyl tert-Butyl Ether | < 0.81 | < 0.80 | < 0.78 | < 0.84 | < 0.69 | < 0.75 | < 0.73 | 3,600 | No |
| Naphthalene | < 0.83 | < 0.81 | < 0.80 | < 0.85 | < 0.70 | < 0.76 | < 0.74 | 3.7 | No |
| n-Nonane | < 0.80 | < 0.78 | < 0.77 | < 0.82 | < 0.68 | < 0.74 | < 0.72 | 21 ⁽³⁾ | No |
| Styrene | < 0.80 | < 0.78 | < 0.77 | < 0.82 | < 0.68 | < 0.74 | < 0.72 | 850 | No |
| 1,1,2,2-Tetrachloroethane | < 0.80 | < 0.78 | < 0.77 | < 0.82 | < 0.68 | < 0.74 | < 0.72 | 83 ⁽²⁾ | No |
| Tetrachloroethene (PCE) | < 0.80 | < 0.78 | < 0.77 | < 0.82 | < 0.68 | < 0.74 | < 0.72 | 41 | No |
| Toluene | < 0.80 | < 0.78 | < 0.77 | < 0.82 | < 0.68 | < 0.74 | < 0.72 | 420 | No |
| 1,1,1-Trichloroethane (TCA) | < 0.80 | < 0.78 | < 0.77 | < 0.82 | < 0.68 | < 0.74 | < 0.72 | 3,800 | No |
| 1,1,2-Trichloroethane (Vinyl Chloroform) | < 0.081 | < 0.080 | < 0.078 | < 0.084 | < 0.069 | < 0.075 | < 0.073 | 11 | No |
| Trichloroethene (TCE) | < 0.80 | < 0.78 | < 0.77 | < 0.82 | < 0.68 | < 0.74 | < 0.72 | 2.2 | No |
| Trichlorofluoromethane (CFC 11) | 1.3 | 1.0 | 1.2 | 0.94 | 0.94 | 0.88 | 1.2 | 1,300 ⁽²⁾ | No |
| Trichlorotrifluoroethane | < 0.81 | < 0.80 | < 0.78 | < 0.84 | < 0.69 | < 0.75 | < 0.73 | 5,200 ⁽³⁾ | No |
| 1,2,4-Trimethylbenzene | < 0.80 | < 0.78 | < 0.77 | < 0.82 | < 0.68 | < 0.74 | < 0.72 | 63 ⁽³⁾ | No |
| 1,3,5-Trimethylbenzene | < 0.80 | < 0.78 | < 0.77 | < 0.82 | < 0.68 | < 0.74 | < 0.72 | 63 ⁽³⁾ | No |
| m,p-Xylenes | < 1.7 | < 1.6 | < 1.6 | < 1.7 | < 1.4 | < 1.5 | < 1.5 | 2,600 | No |
| o-Xylene | < 0.80 | < 0.78 | < 0.77 | < 0.82 | < 0.68 | < 0.74 | < 0.72 | 2,600 | No |
| Vinyl Acetate | < 7.5 | < 7.4 | < 7.3 | < 7.8 | < 6.4 | < 7.0 | < 6.8 | 35 | No |
| Vinyl Chloride | < 0.77 | < 0.75 | < 0.74 | < 0.79 | < 0.65 | < 0.71 | < 0.69 | 51 | 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 2023) intermediate minimal risk level (MRL) or lower of chronic ATSDR MRL or chronic CalEPA Office of Environmental Health Hazard Assessment (OEHHHA) 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, revised May 2022) or Note 10 (February 2019).

(3) USEPA Regional Screening Level (noncancer-based) for residential air (May 2023).

No concentrations exceeded health-based screening levels

WEEKLY AIR MONITORING SUMMARY OF LABORATORY DATA 8/27/2023 - 9/3/2023 FINAL REMEDY CONSTRUCTION ASCON LANDFILL SITE

| Target Chemicals | STATION ID | | | | | | Comparison Criteria (µg/m ³) ⁽¹⁾ | Detection Exceeds Comparison |
|---|------------------------------------|-----------|-----------|-----------|-----------|-----------|--|---------------------------------|
| | DT-4 | | DT-5 | | DT-6 | | | |
| | 8/29/2023 | 8/31/2023 | 8/29/2023 | 8/31/2023 | 8/29/2023 | 8/31/2023 | | |
| | Concentration (µg/m ³) | | | | | | | |
| Polycyclic Aromatic Hydrocarbons | | | | | | | | |
| Acenaphthene | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | 250 ⁽²⁾ | No |
| Fluorene | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | 170 ⁽²⁾ | No |
| Naphthalene | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | 3.7 | No |
| Pyrene | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | 130 ⁽²⁾ | No |
| Metals | | | | | | | | |
| Arsenic | < 0.010 | < 0.010 | < 0.010 | < 0.010 | < 0.010 | < 0.010 | 0.015 | No |
| Chromium | < 0.21 | < 0.21 | < 0.21 | < 0.21 | < 0.21 | < 0.21 | 5.0 ⁽³⁾ | No |
| Copper | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | 100 ⁽⁴⁾ | No |
| Lead | < 0.026 | < 0.026 | < 0.026 | < 0.026 | < 0.026 | < 0.026 | 1.5 ⁽⁵⁾ | No |
| Mercury | < 0.014 | < 0.014 | < 0.014 | < 0.014 | < 0.014 | < 0.014 | 0.06 ⁽⁶⁾ | No |
| Nickel | < 0.021 | < 0.021 | < 0.021 | < 0.021 | < 0.021 | < 0.021 | 0.06 ⁽⁶⁾ | No |
| Thallium | < 0.010 | < 0.010 | < 0.010 | < 0.010 | < 0.010 | < 0.010 | 0.08 ⁽⁷⁾ | 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 (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, revised May 2022)

(3) Chromium Trivalent Insoluble Particulates

(4) CalEPA acute REL; no chronic REL/RfC available for copper

(5) California Ambient Air Quality Standard for Lead

(6) CalEPA 8-hr REL

(7) DTSC Note 3, route to route REL based on thallium carbonate