

No concentrations exceeded health-based screening levels

WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
1/20/2025 - 1/27/2025
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

| Target Chemicals | STATION ID | | | | | | | Comparison Criteria (µg/m ³) ⁽¹⁾ | Detection Exceeds Comparison |
|------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------------------------------------------------|---------------------------------|
| | FR-AA-01 | | | | | | | | |
| | 1/20-1/21/2025 | 1/21-1/22/2025 | 1/22-1/23/2025 | 1/23-1/24/2025 | 1/24-1/25/2025 | 1/25-1/26/2025 | 1/26-1/27/2025 | | |
| | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | | |
| Volatiles Organic Compounds | | | | | | | | | |
| 1,1,1-Trichloroethane (TCA) | < 0.94 | < 1.0 | < 1.2 | < 0.94 | < 0.98 | < 0.81 | < 0.89 | 3,800 | No |
| 1,1,2,2-Tetrachloroethane | < 0.97 | < 1.0 | < 1.3 | < 0.97 | < 1.0 | < 0.84 | < 0.92 | 83 ⁽²⁾ | No |
| 1,1,2-Trichloroethane (Vinyl Chloroform) | < 0.99 | < 1.1 | < 1.3 | < 0.99 | < 1.0 | < 0.86 | < 0.94 | 11 | No |
| 1,1-Dichloroethane (Ethylene Dichloride) | < 0.94 | < 1.0 | < 1.2 | < 0.94 | < 0.98 | < 0.81 | < 0.89 | 830 ⁽²⁾ | No |
| 1,1-Dichloroethene (1,1-DCE) | < 0.81 | < 0.87 | < 1.0 | < 0.81 | < 0.85 | < 0.70 | < 0.77 | 4.0 | No |
| 1,2,4-Trimethylbenzene | < 0.94 | < 1.0 | < 1.2 | < 0.94 | < 0.98 | < 0.81 | < 0.89 | 4.0 | No |
| 1,2-Dibromo-3-Chloropropane (DBCP) | < 0.38 | < 0.41 | < 0.49 | < 0.38 | < 0.39 | < 0.33 | < 0.36 | 1.9 | No |
| 1,2-Dichloropropane | < 0.97 | < 1.0 | < 1.3 | < 0.97 | < 1.0 | < 0.84 | < 0.92 | 9.2 | No |
| 1,3,5-Trimethylbenzene | < 0.97 | < 1.0 | < 1.3 | < 0.97 | < 1.0 | < 0.84 | < 0.92 | 4.0 | No |
| 1,3-Butadiene | < 0.95 | < 1.0 | < 1.2 | < 0.95 | < 1.0 | < 0.83 | < 0.91 | 2.0 | No |
| 1,4-Dichlorobenzene | < 0.94 | < 1.0 | < 1.2 | < 0.94 | < 0.98 | < 0.81 | < 0.89 | 1,200 | No |
| 1,4-Dioxane | < 0.94 | < 1.0 | < 1.2 | < 0.94 | < 0.98 | < 0.81 | < 0.89 | 720 | No |
| 2-Butanone (MEK) | < 1.8 | 2.0 | < 2.4 | < 1.8 | < 1.9 | < 1.6 | < 1.7 | 5,200 ⁽³⁾ | No |
| 2-Hexanone | < 1.8 | < 2.0 | < 2.4 | < 1.8 | < 1.9 | < 1.6 | < 1.7 | 31 ⁽³⁾ | No |
| 4-Methyl-2-pentanone | < 1.9 | < 2.0 | < 2.4 | < 1.9 | < 2.0 | < 1.6 | < 1.8 | 3,100 ⁽³⁾ | No |
| Acetone | < 9.2 | 21 | < 12 | 10 | 12 | < 8.0 | < 8.7 | 19,000 ⁽⁴⁾ | No |
| Acrolein | < 0.56 | < 0.60 | < 0.72 | < 0.56 | < 0.58 | < 0.48 | < 0.53 | 0.92 | No |
| Acrylonitrile | < 0.45 | < 0.49 | < 0.58 | < 0.45 | < 0.47 | < 0.39 | < 0.43 | 2.0 | No |
| Benzene | < 0.92 | 1.5 | < 1.2 | < 0.92 | < 0.96 | < 0.80 | < 0.87 | 19 | No |
| Bromomethane | < 0.92 | < 0.99 | < 1.2 | < 0.92 | < 0.96 | < 0.80 | < 0.87 | 78 | No |
| Carbon Disulfide | < 1.9 | < 2.0 | < 2.4 | < 1.9 | < 2.0 | < 1.6 | < 1.8 | 800 | No |
| Carbon Tetrachloride | < 0.94 | < 1.0 | < 1.2 | < 0.94 | < 0.98 | < 0.81 | < 0.89 | 190 | No |
| Chlorobenzene | < 0.97 | < 1.0 | < 1.3 | < 0.97 | < 1.0 | < 0.84 | < 0.92 | 1,000 | No |
| Chloroethane (Ethyl Chloride) | < 0.99 | < 1.1 | < 1.3 | < 0.99 | < 1.0 | < 0.86 | < 0.94 | 34,000 | No |
| Chloroform | < 0.97 | < 1.0 | < 1.3 | < 0.97 | < 1.0 | < 0.84 | < 0.92 | 3.9 | No |
| Chloromethane | 1.4 | < 1.0 | < 1.3 | < 0.97 | < 1.0 | < 0.84 | < 0.92 | 620 | No |
| cis-1,2-Dichloroethene | < 0.94 | < 1.0 | < 1.2 | < 0.94 | < 0.98 | < 0.81 | < 0.89 | 8.3 ⁽²⁾ | No |
| Cumene (Isopropylbenzene) | < 0.94 | < 1.0 | < 1.2 | < 0.94 | < 0.98 | < 0.81 | < 0.89 | 420 ⁽³⁾ | No |
| Dichloromethane (Methylene Chloride) | 1.2 | 2.8 | < 1.1 | 1.3 | 2.6 | < 0.72 | < 0.79 | 1,000 | No |
| Ethylbenzene | < 0.99 | < 1.1 | < 1.3 | < 0.99 | < 1.0 | < 0.86 | < 0.94 | 8,700 | No |
| Ethylene Dibromide (1,2-Dibromoethane) | < 0.11 | < 0.12 | < 0.14 | < 0.11 | < 0.12 | < 0.097 | < 0.11 | 0.8 | No |
| Ethylene Dichloride (1,2-Dichloroethane) | < 0.92 | < 0.99 | < 1.2 | < 0.92 | < 0.96 | < 0.80 | < 0.87 | 400 | No |
| Isopropyl Alcohol (Isopropanol) | < 1.8 | 6.8 | < 2.3 | 2.6 | 3.4 | < 1.5 | < 1.7 | 7,000 | No |
| m,p-Xylenes | < 1.9 | < 2.1 | < 2.5 | < 1.9 | < 2.0 | < 1.7 | < 1.8 | 2,600 | No |
| Methyl Methacrylate | < 1.9 | < 2.1 | < 2.5 | < 1.9 | < 2.0 | < 1.7 | < 1.8 | 730 ⁽³⁾ | No |
| Methyl tert-Butyl Ether | < 0.97 | < 1.0 | < 1.3 | < 0.97 | < 1.0 | < 0.84 | < 0.92 | 3,600 | No |
| Naphthalene | < 0.92 | < 0.99 | < 1.2 | < 0.92 | < 0.96 | < 0.80 | < 0.87 | 9.0 | No |
| n-Hexane | < 0.95 | 1.7 | < 1.2 | 1.0 | < 1.0 | < 0.83 | < 0.91 | 1,400 | No |
| n-Nonane | < 0.94 | < 1.0 | < 1.2 | < 0.94 | < 0.98 | < 0.81 | < 0.89 | 21 ⁽³⁾ | No |
| o-Xylene | < 0.97 | < 1.0 | < 1.3 | < 0.97 | < 1.0 | < 0.84 | < 0.92 | 2,600 | No |
| Phenol | NF | NF | NF | NF | NF | NF | NF | 200 | No |
| Propylene (Propene) | < 0.95 | < 1.0 | < 1.2 | < 0.95 | < 1.0 | < 0.83 | < 0.91 | 3,000 | No |
| Styrene | < 0.95 | < 1.0 | < 1.2 | < 0.95 | < 1.0 | < 0.83 | < 0.91 | 900 | No |
| Tetrachloroethene (PCE) | < 0.97 | < 1.0 | < 1.3 | < 0.97 | < 1.0 | < 0.84 | < 0.92 | 41 | No |
| Toluene | 1.1 | 3.7 | < 1.3 | 1.6 | 1.6 | < 0.84 | < 0.92 | 420 | No |
| Trichloroethene (TCE) | < 0.94 | < 1.0 | < 1.2 | < 0.94 | < 0.98 | < 0.81 | < 0.89 | 2.2 | No |
| Trichlorofluoromethane (CFC 11) | 1.0 | 1.1 | 1.3 | 1.0 | 1.2 | 1.1 | 1.1 | 1,300 ⁽²⁾ | No |
| Trichlorotrifluoroethane | < 0.81 | < 0.87 | < 1.0 | < 0.81 | < 0.85 | < 0.70 | < 0.77 | 5,200 ⁽³⁾ | No |
| Vinyl Acetate | < 9.7 | < 10 | < 13 | < 9.7 | < 10 | < 8.4 | < 9.2 | 2,500 | No |
| Vinyl Chloride | < 0.95 | < 1.0 | < 1.2 | < 0.95 | < 1.0 | < 0.83 | < 0.91 | 51 | No |
| Sulfur Compounds | | | | | | | | | |
| Carbon Disulfide | < 5.6 | < 6.0 | < 7.3 | < 5.6 | < 5.9 | < 4.9 | < 5.3 | 800 | No |
| Carbonyl Sulfide | < 8.4 | < 9.1 | < 11 | < 8.4 | < 8.8 | < 7.3 | < 8.0 | 10 | No |
| Dimethyl Sulfide | < 9.1 | < 9.9 | < 12 | < 9.1 | < 9.6 | < 7.9 | < 8.7 | 250 ⁽⁵⁾ | No |
| Dimethyl Disulfide | < 6.9 | < 7.5 | < 9.0 | < 6.9 | < 7.2 | < 6.0 | < 6.6 | 39 ^(5,6) | No |
| Hydrogen Sulfide | < 3.8 | < 4.1 | < 4.9 | < 3.8 | < 3.9 | < 3.3 | < 3.6 | 28 | No |
| Methyl Mercaptan | < 7.1 | < 7.6 | < 9.2 | < 7.1 | < 7.4 | < 6.1 | < 6.7 | 9.8 ^(5,6) | No |

Notes:

c - 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.

(5) Emergency Response Planning Guideline Value (ERPG-1) from <https://cameochemicals.noaa.gov/search/simple>

(6) U.S. Department of Energy's (DOE's) Protective Action Criteria (PAC-1) from <https://edms3.energy.gov/pac/#/>

No concentrations exceeded health-based screening levels

WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
1/20/2025 - 1/27/2025
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

| Target Chemicals | STATION ID | | | | | | | Comparison Criteria (µg/m ³) ⁽¹⁾ | Detection Exceeds Comparison |
|------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------------------------------------------------|---------------------------------|
| | FR-AA-02 | | | | | | | | |
| | 1/20-1/21/2025 | 1/21-1/22/2025 | 1/22-1/23/2025 | 1/23-1/24/2025 | 1/24-1/25/2025 | 1/25-1/26/2025 | 1/26-1/27/2025 | | |
| | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | | |
| Volatile Organic Compounds | | | | | | | | | |
| 1,1,1-Trichloroethane (TCA) | < 0.96 | < 1.2 | < 0.96 | < 0.90 | < 0.98 | < 0.80 | < 0.82 | 3,800 | No |
| 1,1,2,2-Tetrachloroethane | < 0.99 | < 1.2 | < 1.0 | < 0.93 | < 1.0 | < 0.83 | < 0.85 | 83 ⁽²⁾ | No |
| 1,1,2-Trichloroethane (Vinyl Chloroform) | < 1.0 | < 1.3 | < 1.0 | < 0.95 | < 1.0 | < 0.84 | < 0.86 | 11 | No |
| 1,1-Dichloroethane (Ethylene Dichloride) | < 0.96 | < 1.2 | < 0.96 | < 0.90 | < 0.98 | < 0.80 | < 0.82 | 830 ⁽²⁾ | No |
| 1,1-Dichloroethene (1,1-DCE) | < 0.83 | < 1.0 | < 0.83 | < 0.78 | < 0.85 | < 0.69 | < 0.71 | 4.0 | No |
| 1,2,4-Trimethylbenzene | < 0.96 | < 1.2 | < 0.96 | < 0.90 | < 0.98 | < 0.80 | < 0.82 | 4.0 | No |
| 1,2-Dibromo-3-Chloropropane (DBCP) | < 0.39 | < 0.48 | < 0.39 | < 0.36 | < 0.39 | < 0.32 | < 0.33 | 1.9 | No |
| 1,2-Dichloropropane | < 0.99 | < 1.2 | < 1.0 | < 0.93 | < 1.0 | < 0.83 | < 0.85 | 9.2 | No |
| 1,3,5-Trimethylbenzene | < 0.99 | < 1.2 | < 1.0 | < 0.93 | < 1.0 | < 0.83 | < 0.85 | 4.0 | No |
| 1,3-Butadiene | < 0.98 | < 1.2 | < 0.98 | < 0.92 | < 1.0 | < 0.81 | < 0.83 | 2.0 | No |
| 1,4-Dichlorobenzene | < 0.96 | < 1.2 | < 0.96 | < 0.90 | < 0.98 | < 0.80 | < 0.82 | 1,200 | No |
| 1,4-Dioxane | < 0.96 | < 1.2 | < 0.96 | < 0.90 | < 0.98 | < 0.80 | < 0.82 | 720 | No |
| 2-Butanone (MEK) | < 1.9 | < 2.3 | < 1.9 | < 1.8 | < 1.9 | < 1.6 | < 1.6 | 5,200 ⁽³⁾ | No |
| 2-Hexanone | < 1.9 | < 2.3 | < 1.9 | < 1.8 | < 1.9 | < 1.6 | < 1.6 | 31 ⁽³⁾ | No |
| 4-Methyl-2-pentanone | < 1.9 | < 2.4 | < 1.9 | < 1.8 | < 2.0 | < 1.6 | < 1.6 | 3,100 ⁽³⁾ | No |
| Acetone | < 9.4 | 24 | 11 | 13 | 11 | < 7.8 | 17 | 19,000 ⁽⁴⁾ | No |
| Acrolein | < 0.57 | < 0.71 | < 0.57 | < 0.54 | < 0.58 | < 0.47 | 0.92 | 0.92 | No |
| Acrylonitrile | < 0.46 | < 0.57 | < 0.46 | < 0.43 | < 0.47 | < 0.38 | < 0.39 | 2.0 | No |
| Benzene | < 0.94 | 1.6 | < 0.94 | < 0.88 | < 0.96 | < 0.78 | 1.0 | 19 | No |
| Bromomethane | < 0.94 | < 1.2 | < 0.94 | < 0.88 | < 0.96 | < 0.78 | < 0.80 | 78 | No |
| Carbon Disulfide | < 1.9 | < 2.4 | < 1.9 | < 1.8 | < 2.0 | < 1.6 | < 1.6 | 800 | No |
| Carbon Tetrachloride | < 0.96 | < 1.2 | < 0.96 | < 0.90 | < 0.98 | < 0.80 | < 0.82 | 190 | No |
| Chlorobenzene | < 0.99 | < 1.2 | < 1.0 | < 0.93 | < 1.0 | < 0.83 | < 0.85 | 1,000 | No |
| Chloroethane (Ethyl Chloride) | < 1.0 | < 1.3 | < 1.0 | < 0.95 | < 1.0 | < 0.84 | < 0.86 | 34,000 | No |
| Chloroform | < 0.99 | < 1.2 | < 1.0 | < 0.93 | < 1.0 | < 0.83 | < 0.85 | 3.9 | No |
| Chloromethane | 1.4 | < 1.2 | < 1.0 | < 0.93 | < 1.0 | < 0.83 | < 0.85 | 620 | No |
| cis-1,2-Dichloroethene | < 0.96 | < 1.2 | < 0.96 | < 0.90 | < 0.98 | < 0.80 | < 0.82 | 8.3 ⁽²⁾ | No |
| Cumene (Isopropylbenzene) | < 0.96 | < 1.2 | < 0.96 | < 0.90 | < 0.98 | < 0.80 | < 0.82 | 420 ⁽³⁾ | No |
| Dichloromethane (Methylene Chloride) | < 0.85 | 1.5 | < 0.85 | 1.1 | 1.2 | < 0.70 | < 0.72 | 1,000 | No |
| Ethylbenzene | < 1.0 | < 1.3 | < 1.0 | < 0.95 | < 1.0 | < 0.84 | < 0.86 | 8,700 | No |
| Ethylene Dibromide (1,2-Dibromoethane) | < 0.11 | < 0.14 | < 0.11 | < 0.11 | < 0.12 | < 0.095 | < 0.097 | 0.8 | No |
| Ethylene Dichloride (1,2-Dichloroethane) | < 0.94 | < 1.2 | < 0.94 | < 0.88 | < 0.96 | < 0.78 | < 0.80 | 400 | No |
| Isopropyl Alcohol (Isopropanol) | < 1.8 | 6.4 | 2.5 | 2.6 | 3.1 | < 1.5 | 3.2 | 7,000 | No |
| m,p-Xylenes | < 2.0 | < 2.5 | < 2.0 | < 1.9 | < 2.0 | < 1.6 | < 1.7 | 2,600 | No |
| Methyl Methacrylate | < 2.0 | < 2.4 | < 2.0 | < 1.8 | < 2.0 | < 1.6 | < 1.7 | 730 ⁽³⁾ | No |
| Methyl tert-Butyl Ether | < 0.99 | < 1.2 | < 1.0 | < 0.93 | < 1.0 | < 0.83 | < 0.85 | 3,600 | No |
| Naphthalene | < 0.94 | < 1.2 | < 0.94 | < 0.88 | < 0.96 | < 0.78 | < 0.80 | 9.0 | No |
| n-Hexane | < 0.98 | 1.7 | < 0.98 | 1.0 | < 1.0 | < 0.81 | < 0.83 | 1,400 | No |
| n-Nonane | < 0.96 | < 1.2 | < 0.96 | < 0.90 | < 0.98 | < 0.80 | < 0.82 | 21 ⁽³⁾ | No |
| o-Xylene | < 0.99 | < 1.2 | < 1.0 | < 0.93 | < 1.0 | < 0.83 | < 0.85 | 2,600 | No |
| Phenol | NF | NF | NF | NF | NF | NF | NF | 200 | No |
| Propylene (Propene) | < 0.98 | < 1.2 | < 0.98 | < 0.92 | < 1.0 | < 0.81 | < 0.83 | 3,000 | No |
| Styrene | < 0.98 | < 1.2 | < 0.98 | < 0.92 | < 1.0 | < 0.81 | < 0.83 | 900 | No |
| Tetrachloroethene (PCE) | < 0.99 | < 1.2 | < 1.0 | < 0.93 | < 1.0 | < 0.83 | < 0.85 | 41 | No |
| Toluene | 1.6 | 4.0 | 1.2 | 1.8 | 1.4 | < 0.83 | 2.3 | 420 | No |
| Trichloroethene (TCE) | < 0.96 | < 1.2 | < 0.96 | < 0.90 | < 0.98 | < 0.80 | < 0.82 | 2.2 | No |
| Trichlorofluoromethane (CFC 11) | < 0.94 | < 1.2 | 1.4 | 1.1 | 1.1 | 1.1 | 1.1 | 1,300 ⁽²⁾ | No |
| Trichlorotrifluoroethane | < 0.83 | < 1.0 | < 0.83 | < 0.78 | < 0.85 | < 0.69 | < 0.71 | 5,200 ⁽³⁾ | No |
| Vinyl Acetate | < 9.9 | < 12 | < 9.9 | < 9.3 | < 10 | < 8.2 | < 8.4 | 2,500 | No |
| Vinyl Chloride | < 0.98 | < 1.2 | < 0.98 | < 0.92 | < 1.0 | < 0.81 | < 0.83 | 51 | No |
| Sulfur Compounds | | | | | | | | | |
| Carbon Disulfide | < 5.7 | < 7.1 | < 5.8 | < 5.4 | < 5.9 | < 4.8 | < 4.9 | 800 | No |
| Carbonyl Sulfide | < 8.6 | < 11 | < 8.6 | < 8.1 | < 8.8 | < 7.1 | < 7.3 | 10 | No |
| Dimethyl Sulfide | < 9.3 | < 12 | < 9.4 | < 8.8 | < 9.6 | < 7.8 | < 8.0 | 250 ⁽⁵⁾ | No |
| Dimethyl Disulfide | < 7.1 | < 8.8 | < 7.1 | < 6.7 | < 7.2 | < 5.9 | < 6.0 | 39 ^(5,6) | No |
| Hydrogen Sulfide | < 3.8 | < 4.8 | < 3.9 | < 3.6 | < 3.9 | < 3.2 | < 3.3 | 28 | No |
| Methyl Mercaptan | < 7.2 | < 9.0 | < 7.3 | < 6.8 | < 7.4 | < 6.0 | < 6.2 | 9.8 ^(5,6) | No |

Notes:

c - 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.

(5) Emergency Response Planning Guideline Value (ERPG-1) from <https://cameochemicals.noaa.gov/search/simple>

(6) U.S. Department of Energy's (DOE's) Protective Action Criteria (PAC-1) from <https://edms3.energy.gov/pac/#/>

No concentrations exceeded health-based screening levels

WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
1/20/2025 - 1/27/2025
FINAL REMEDY CONSTRUCTION
ASCEN LANDFILL SITE

| Target Chemicals | STATION ID | | | | | | | Comparison Criteria (µg/m ³) ⁽¹⁾ | Detection Exceeds Comparison |
|--------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------------------------------------------------|---------------------------------|
| | FR-AA-03 | | | | | | | | |
| | 1/20-1/21/2025 | 1/21-1/22/2025 | 1/22-1/23/2025 | 1/23-1/24/2025 | 1/24-1/25/2025 | 1/25-1/26/2025 | 1/26-1/27/2025 | | |
| | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | | |
| Volatile Organic Compounds | | | | | | | | | |
| 1,1,1-Trichloroethane (TCA) | < 0.93 | < 0.97 | < 1.0 | < 1.0 | < 1.0 | < 0.90 | < 0.89 | 3,800 | No |
| 1,1,2,2-Tetrachloroethane | < 0.97 | < 1.0 | < 1.0 | < 1.0 | < 1.1 | < 0.93 | < 0.92 | 83 ⁽²⁾ | No |
| 1,1,2-Trichloroethane (Vinyl Chloroform) | < 0.98 | < 1.0 | < 1.1 | < 1.1 | < 1.1 | < 0.95 | < 0.94 | 11 | No |
| 1,1-Dichloroethane (Ethylidene Dichloride) | < 0.93 | < 0.97 | < 1.0 | < 1.0 | < 1.0 | < 0.90 | < 0.89 | 830 ⁽²⁾ | No |
| 1,1-Dichloroethene (1,1-DCE) | < 0.81 | < 0.84 | < 0.86 | < 0.86 | < 0.88 | < 0.78 | < 0.77 | 4.0 | No |
| 1,2,4-Trimethylbenzene | < 0.93 | < 0.97 | < 1.0 | < 1.0 | < 1.0 | < 0.90 | < 0.89 | 4.0 | No |
| 1,2-Dibromo-3-Chloropropane (DBCP) | < 0.38 | < 0.39 | < 0.40 | < 0.40 | < 0.41 | < 0.36 | < 0.36 | 1.9 | No |
| 1,2-Dichloropropane | < 0.97 | < 1.0 | < 1.0 | < 1.0 | < 1.1 | < 0.93 | < 0.92 | 9.2 | No |
| 1,3,5-Trimethylbenzene | < 0.97 | < 1.0 | < 1.0 | < 1.0 | < 1.1 | < 0.93 | < 0.92 | 4.0 | No |
| 1,3-Butadiene | < 0.95 | < 0.99 | < 1.0 | < 1.0 | < 1.0 | < 0.92 | < 0.91 | 2.0 | No |
| 1,4-Dichlorobenzene | < 0.93 | < 0.97 | < 1.0 | < 1.0 | < 1.0 | < 0.90 | < 0.89 | 1,200 | No |
| 1,4-Dioxane | < 0.93 | < 0.97 | < 1.0 | < 1.0 | < 1.0 | < 0.90 | < 0.89 | 720 | No |
| 2-Butanone (MEK) | < 1.8 | < 1.9 | < 2.0 | < 2.0 | < 2.0 | < 1.8 | < 1.7 | 5,200 ⁽³⁾ | No |
| 2-Hexanone | < 1.8 | < 1.9 | < 2.0 | < 2.0 | < 2.0 | < 1.8 | < 1.7 | 31 ⁽³⁾ | No |
| 4-Methyl-2-pentanone | < 1.9 | < 2.0 | < 2.0 | < 2.0 | < 2.1 | < 1.8 | < 1.8 | 3,100 ⁽³⁾ | No |
| Acetone | < 9.1 | 21 | < 9.8 | < 9.8 | 11 | < 8.8 | < 8.7 | 19,000 ⁽⁴⁾ | No |
| Acrolein | < 0.55 | < 0.58 | < 0.60 | < 0.60 | < 0.61 | < 0.54 | < 0.53 | 0.92 | No |
| Acrylonitrile | < 0.45 | < 0.47 | < 0.48 | < 0.48 | < 0.49 | < 0.43 | < 0.43 | 2.0 | No |
| Benzene | < 0.91 | 1.5 | < 0.98 | < 0.98 | < 1.0 | < 0.88 | < 0.87 | 19 | No |
| Bromomethane | < 0.91 | < 0.95 | < 0.98 | < 0.98 | < 1.0 | < 0.88 | < 0.87 | 78 | No |
| Carbon Disulfide | < 1.9 | < 1.9 | < 2.0 | < 2.0 | < 2.0 | < 1.8 | < 1.8 | 800 | No |
| Carbon Tetrachloride | < 0.93 | < 0.97 | < 1.0 | < 1.0 | < 1.0 | < 0.90 | < 0.89 | 190 | No |
| Chlorobenzene | < 0.97 | < 1.0 | < 1.0 | < 1.0 | < 1.1 | < 0.93 | < 0.92 | 1,000 | No |
| Chloroethane (Ethyl Chloride) | < 0.98 | < 1.0 | < 1.1 | < 1.1 | < 1.1 | < 0.95 | < 0.94 | 34,000 | No |
| Chloroform | < 0.97 | < 1.0 | < 1.0 | < 1.0 | < 1.1 | < 0.93 | < 0.92 | 3.9 | No |
| Chloromethane | 1.4 | < 1.0 | < 1.0 | < 1.0 | < 1.1 | < 0.93 | < 0.92 | 620 | No |
| cis-1,2-Dichloroethene | < 0.93 | < 0.97 | < 1.0 | < 1.0 | < 1.0 | < 0.90 | < 0.89 | 8.3 ⁽²⁾ | No |
| Cumene (Isopropylbenzene) | < 0.93 | < 0.97 | < 1.0 | < 1.0 | < 1.0 | < 0.90 | < 0.89 | 420 ⁽³⁾ | No |
| Dichloromethane (Methylene Chloride) | < 0.82 | 1.2 | < 0.88 | 0.99 | < 0.90 | < 0.80 | < 0.79 | 1,000 | No |
| Ethylbenzene | < 0.98 | < 1.0 | < 1.1 | < 1.1 | < 1.1 | < 0.95 | < 0.94 | 8,700 | No |
| Ethylene Dibromide (1,2-Dibromoethane) | < 0.11 | < 0.12 | < 0.12 | < 0.12 | < 0.12 | < 0.11 | < 0.11 | 0.8 | No |
| Ethylene Dichloride (1,2-Dichloroethane) | < 0.91 | < 0.95 | < 0.98 | < 0.98 | < 1.0 | < 0.88 | < 0.87 | 400 | No |
| Isopropyl Alcohol (Isopropanol) | 2.0 | 7.4 | 2.3 | 2.9 | 3.1 | < 1.7 | < 1.7 | 7,000 | No |
| m,p-Xylenes | < 1.9 | 2.2 | < 2.1 | < 2.1 | < 2.1 | < 1.9 | < 1.8 | 2,600 | No |
| Methyl Methacrylate | < 1.9 | < 2.0 | < 2.0 | < 2.0 | < 2.1 | < 1.8 | < 1.8 | 730 ⁽³⁾ | No |
| Methyl tert-Butyl Ether | < 0.97 | < 1.0 | < 1.0 | < 1.0 | < 1.1 | < 0.93 | < 0.92 | 3,600 | No |
| Naphthalene | < 0.91 | < 0.95 | < 0.98 | < 0.98 | < 1.0 | < 0.88 | < 0.87 | 9.0 | No |
| n-Hexane | < 0.95 | 1.5 | < 1.0 | 1.1 | < 1.0 | < 0.92 | < 0.91 | 1,400 | No |
| n-Nonane | < 0.93 | < 0.97 | < 1.0 | < 1.0 | < 1.0 | < 0.90 | < 0.89 | 21 ⁽³⁾ | No |
| o-Xylene | < 0.97 | < 1.0 | < 1.0 | < 1.0 | < 1.1 | < 0.93 | < 0.92 | 2,600 | No |
| Phenol | NF | NF | NF | NF | NF | NF | NF | 200 | No |
| Propylene (Propene) | < 0.95 | < 0.99 | < 1.0 | < 1.0 | < 1.0 | < 0.92 | < 0.91 | 3,000 | No |
| Styrene | < 0.95 | < 0.99 | < 1.0 | < 1.0 | < 1.0 | < 0.92 | < 0.91 | 900 | No |
| Tetrachloroethene (PCE) | < 0.97 | < 1.0 | < 1.0 | < 1.0 | < 1.1 | < 0.93 | < 0.92 | 41 | No |
| Toluene | < 0.97 | 3.8 | 1.3 | 1.6 | 1.5 | < 0.93 | < 0.92 | 420 | No |
| Trichloroethene (TCE) | < 0.93 | < 0.97 | < 1.0 | < 1.0 | < 1.0 | < 0.90 | < 0.89 | 2.2 | No |
| Trichlorofluoromethane (CFC 11) | 1.2 | 1.1 | 1.3 | 1.1 | 1.1 | 1.1 | 1.1 | 1,300 ⁽²⁾ | No |
| Trichlorotrifluoroethane | < 0.81 | < 0.84 | < 0.86 | < 0.86 | < 0.88 | < 0.78 | < 0.77 | 5,200 ⁽³⁾ | No |
| Vinyl Acetate | < 9.6 | < 10 | < 10 | < 10 | < 11 | < 9.3 | < 9.2 | 2,500 | No |
| Vinyl Chloride | < 0.95 | < 0.99 | < 1.0 | < 1.0 | < 1.0 | < 0.92 | < 0.91 | 51 | No |
| Sulfur Compounds | | | | | | | | | |
| Carbon Disulfide | < 5.6 | < 5.8 | < 6.0 | < 6.0 | < 6.1 | < 5.4 | < 5.3 | 800 | No |
| Carbonyl Sulfide | < 8.4 | < 8.7 | < 9.0 | < 9.0 | < 9.1 | < 8.1 | < 8.0 | 10 | No |
| Dimethyl Sulfide | < 9.1 | < 9.5 | < 9.8 | < 9.8 | < 10 | < 8.8 | < 8.7 | 250 ⁽⁵⁾ | No |
| Dimethyl Disulfide | < 6.9 | < 7.2 | < 7.4 | < 7.4 | < 7.5 | < 6.7 | < 6.6 | 39 ^(5,6) | No |
| Hydrogen Sulfide | < 3.7 | < 3.9 | < 4.0 | < 4.0 | < 4.1 | < 3.6 | < 3.6 | 28 | No |
| Methyl Mercaptan | < 7.0 | < 7.4 | < 7.6 | < 7.6 | < 7.7 | < 6.8 | < 6.7 | 9.8 ^(5,6) | No |

Notes:

c - 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.

(5) Emergency Response Planning Guideline Value (ERPG-1) from <https://cameochemicals.noaa.gov/search/simple>

(6) U.S. Department of Energy's (DOE's) Protective Action Criteria (PAC-1) from <https://edms3.energy.gov/pac/#/>

No concentrations exceeded health-based screening levels

WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
1/20/2025 - 1/27/2025
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

| Target Chemicals | STATION ID | | | | | | | Comparison Criteria (µg/m ³) ⁽¹⁾ | Detection Exceeds Comparison |
|--------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------------------------------------------------|---------------------------------|
| | FR-AA-04 | | | | | | | | |
| | 1/20-1/21/2025 | 1/21-1/22/2025 | 1/22-1/23/2025 | 1/23-1/24/2025 | 1/24-1/25/2025 | 1/25-1/26/2025 | 1/26-1/27/2025 | | |
| | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | | |
| Volatile Organic Compounds | | | | | | | | | |
| 1,1,1-Trichloroethane (TCA) | < 0.94 | < 0.99 | < 0.99 | < 0.91 | < 0.73 | < 0.94 | < 0.83 | 3,800 | No |
| 1,1,2,2-Tetrachloroethane | < 0.98 | < 1.0 | < 1.0 | < 0.95 | < 0.76 | < 0.98 | < 0.86 | 83 ⁽²⁾ | No |
| 1,1,2-Trichloroethane (Vinyl Chloroform) | < 1.0 | < 1.1 | < 1.1 | < 0.96 | < 0.78 | < 1.0 | < 0.87 | 11 | No |
| 1,1-Dichloroethane (Ethylidene Dichloride) | < 0.94 | < 0.99 | < 0.99 | < 0.91 | < 0.73 | < 0.94 | < 0.83 | 830 ⁽²⁾ | No |
| 1,1-Dichloroethene (1,1-DCE) | < 0.81 | < 0.86 | < 0.86 | < 0.79 | < 0.63 | < 0.81 | < 0.72 | 4.0 | No |
| 1,2,4-Trimethylbenzene | < 0.94 | < 0.99 | < 0.99 | < 0.91 | < 0.73 | < 0.94 | < 0.83 | 4.0 | No |
| 1,2-Dibromo-3-Chloropropane (DBCP) | < 0.38 | < 0.40 | < 0.40 | < 0.37 | < 0.30 | < 0.38 | < 0.33 | 1.9 | No |
| 1,2-Dichloropropane | < 0.98 | < 1.0 | < 1.0 | < 0.95 | < 0.76 | < 0.98 | < 0.86 | 9.2 | No |
| 1,3,5-Trimethylbenzene | < 0.98 | < 1.0 | < 1.0 | < 0.95 | < 0.76 | < 0.98 | < 0.86 | 4.0 | No |
| 1,3-Butadiene | < 0.96 | < 1.0 | < 1.0 | < 0.93 | < 0.75 | < 0.96 | < 0.84 | 2.0 | No |
| 1,4-Dichlorobenzene | < 0.94 | < 0.99 | < 0.99 | < 0.91 | < 0.73 | < 0.94 | < 0.83 | 1,200 | No |
| 1,4-Dioxane | < 0.94 | < 0.99 | < 0.99 | < 0.91 | < 0.73 | < 0.94 | < 0.83 | 720 | No |
| 2-Butanone (MEK) | < 1.8 | < 1.9 | < 1.9 | < 1.8 | < 1.4 | < 1.8 | < 1.6 | 5,200 ⁽³⁾ | No |
| 2-Hexanone | < 1.8 | < 1.9 | < 1.9 | < 1.8 | < 1.4 | < 1.8 | < 1.6 | 31 ⁽³⁾ | No |
| 4-Methyl-2-pentanone | < 1.9 | < 2.0 | < 2.0 | < 1.8 | < 1.5 | < 1.9 | < 1.7 | 3,100 ⁽³⁾ | No |
| Acetone | < 9.2 | 22 | 10 | 9.1 | 9.4 | < 9.2 | < 8.1 | 19,000 ⁽⁴⁾ | No |
| Acrolein | < 0.56 | < 0.59 | < 0.59 | < 0.54 | < 0.44 | < 0.56 | < 0.49 | 0.92 | No |
| Acrylonitrile | < 0.45 | < 0.48 | < 0.48 | < 0.44 | < 0.35 | < 0.45 | < 0.40 | 2.0 | No |
| Benzene | < 0.92 | 1.6 | < 0.97 | < 0.89 | 0.78 | < 0.92 | < 0.81 | 19 | No |
| Bromomethane | < 0.92 | < 0.97 | < 0.97 | < 0.89 | < 0.72 | < 0.92 | < 0.81 | 78 | No |
| Carbon Disulfide | < 1.9 | < 2.0 | < 2.0 | < 1.8 | < 1.5 | < 1.9 | < 1.7 | 800 | No |
| Carbon Tetrachloride | < 0.94 | < 0.99 | < 0.99 | < 0.91 | < 0.73 | < 0.94 | < 0.83 | 190 | No |
| Chlorobenzene | < 0.98 | < 1.0 | < 1.0 | < 0.95 | < 0.76 | < 0.98 | < 0.86 | 1,000 | No |
| Chloroethane (Ethyl Chloride) | < 1.0 | < 1.1 | < 1.1 | < 0.96 | < 0.78 | < 1.0 | < 0.87 | 34,000 | No |
| Chloroform | < 0.98 | < 1.0 | < 1.0 | < 0.95 | < 0.76 | < 0.98 | < 0.86 | 3.9 | No |
| Chloromethane | 1.4 | < 1.0 | < 1.0 | < 0.95 | < 0.76 | < 0.98 | < 0.86 | 620 | No |
| cis-1,2-Dichloroethene | < 0.94 | < 0.99 | < 0.99 | < 0.91 | < 0.73 | < 0.94 | < 0.83 | 8.3 ⁽²⁾ | No |
| Cumene (Isopropylbenzene) | < 0.94 | < 0.99 | < 0.99 | < 0.91 | < 0.73 | < 0.94 | < 0.83 | 420 ⁽³⁾ | No |
| Dichloromethane (Methylene Chloride) | < 0.83 | 1.1 | < 0.88 | 1.1 | 0.84 | < 0.83 | < 0.73 | 1,000 | No |
| Ethylbenzene | < 1.0 | < 1.1 | < 1.1 | < 0.96 | < 0.78 | < 1.0 | < 0.87 | 8,700 | No |
| Ethylene Dibromide (1,2-Dibromoethane) | < 0.11 | < 0.12 | < 0.12 | < 0.11 | < 0.087 | < 0.11 | < 0.099 | 0.8 | No |
| Ethylene Dichloride (1,2-Dichloroethane) | < 0.92 | < 0.97 | < 0.97 | < 0.89 | < 0.72 | < 0.92 | < 0.81 | 400 | No |
| Isopropyl Alcohol (Isopropanol) | < 1.8 | 7.6 | 2.5 | 2.9 | 2.5 | 2.0 | < 1.6 | 7,000 | No |
| m,p-Xylenes | < 1.9 | 2.2 | < 2.0 | < 1.9 | < 1.5 | < 1.9 | < 1.7 | 2,600 | No |
| Methyl Methacrylate | < 1.9 | < 2.0 | < 2.0 | < 1.9 | < 1.5 | < 1.9 | < 1.7 | 730 ⁽³⁾ | No |
| Methyl tert-Butyl Ether | < 0.98 | < 1.0 | < 1.0 | < 0.95 | < 0.76 | < 0.98 | < 0.86 | 3,600 | No |
| Naphthalene | < 0.92 | < 0.97 | < 0.97 | < 0.89 | < 0.72 | < 0.92 | < 0.81 | 9.0 | No |
| n-Hexane | < 0.96 | 1.6 | < 1.0 | 1.1 | 0.81 | < 0.96 | < 0.84 | 1,400 | No |
| n-Nonane | < 0.94 | < 0.99 | < 0.99 | < 0.91 | < 0.73 | < 0.94 | < 0.83 | 21 ⁽³⁾ | No |
| o-Xylene | < 0.98 | < 1.0 | < 1.0 | < 0.95 | < 0.76 | < 0.98 | < 0.86 | 2,600 | No |
| Phenol | NF | NF | NF | NF | NF | NF | NF | 200 | No |
| Propylene (Propene) | < 0.96 | < 1.0 | < 1.0 | < 0.93 | < 0.75 | < 0.96 | < 0.84 | 3,000 | No |
| Styrene | < 0.96 | < 1.0 | < 1.0 | < 0.93 | < 0.75 | < 0.96 | < 0.84 | 900 | No |
| Tetrachloroethene (PCE) | < 0.98 | < 1.0 | < 1.0 | < 0.95 | < 0.76 | < 0.98 | < 0.86 | 41 | No |
| Toluene | < 0.98 | 4.0 | 1.3 | 1.5 | 1.5 | < 0.98 | < 0.86 | 420 | No |
| Trichloroethene (TCE) | < 0.94 | < 0.99 | < 0.99 | < 0.91 | < 0.73 | < 0.94 | < 0.83 | 2.2 | No |
| Trichlorofluoromethane (CFC 11) | 1.1 | 1.1 | 1.4 | 1.1 | 1.1 | 1.1 | 1.1 | 1,300 ⁽²⁾ | No |
| Trichlorotrifluoroethane | < 0.81 | < 0.86 | < 0.86 | < 0.79 | < 0.63 | < 0.81 | < 0.72 | 5,200 ⁽³⁾ | No |
| Vinyl Acetate | < 9.7 | < 10 | < 10 | < 9.4 | < 7.6 | < 9.7 | < 8.5 | 2,500 | No |
| Vinyl Chloride | < 0.96 | < 1.0 | < 1.0 | < 0.93 | < 0.75 | < 0.96 | < 0.84 | 51 | No |
| Sulfur Compounds | | | | | | | | | |
| Carbon Disulfide | < 5.6 | < 5.9 | < 5.9 | < 5.4 | < 4.4 | < 5.6 | < 4.9 | 800 | No |
| Carbonyl Sulfide | < 8.4 | < 8.9 | < 8.9 | < 8.2 | < 6.6 | < 8.4 | < 7.4 | 10 | No |
| Dimethyl Sulfide | < 9.2 | < 9.7 | < 9.7 | < 8.9 | < 7.2 | < 9.2 | < 8.1 | 250 ⁽⁵⁾ | No |
| Dimethyl Disulfide | < 7.0 | < 7.4 | < 7.4 | < 6.7 | < 5.4 | < 7.0 | < 6.1 | 39 ^(5,6) | No |
| Hydrogen Sulfide | < 3.8 | < 4.0 | < 4.0 | < 3.7 | < 2.9 | < 3.8 | < 3.3 | 28 | No |
| Methyl Mercaptan | < 7.1 | < 7.5 | < 7.5 | < 6.9 | < 5.5 | < 7.1 | < 6.3 | 9.8 ^(5,6) | No |

Notes:

c - 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.

(5) Emergency Response Planning Guideline Value (ERPG-1) from <https://cameochemicals.noaa.gov/search/simple>

(6) U.S. Department of Energy's (DOE's) Protective Action Criteria (PAC-1) from <https://edms3.energy.gov/pac/#/>

No concentrations exceeded health-based screening levels

WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
1/20/2025 - 1/27/2025
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

| Target Chemicals | STATION ID | | | | | | | Comparison Criteria (µg/m ³) ⁽¹⁾ | Detection Exceeds Comparison |
|--------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------------------------------------------------|---------------------------------|
| | FR-AA-05 | | | | | | | | |
| | 1/20-1/21/2025 | 1/21-1/22/2025 | 1/22-1/23/2025 | 1/23-1/24/2025 | 1/24-1/25/2025 | 1/25-1/26/2025 | 1/26-1/27/2025 | | |
| | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | | |
| Volatile Organic Compounds | | | | | | | | | |
| 1,1,1-Trichloroethane (TCA) | < 1.0 | < 0.96 | < 0.91 | < 0.93 | < 0.91 | < 0.90 | < 0.82 | 3,800 | No |
| 1,1,2,2-Tetrachloroethane | < 1.1 | < 0.99 | < 0.95 | < 0.96 | < 0.95 | < 0.93 | < 0.85 | 83 ⁽²⁾ | No |
| 1,1,2-Trichloroethane (Vinyl Chloroform) | < 1.1 | < 1.0 | < 0.96 | < 0.98 | < 0.96 | < 0.95 | < 0.87 | 11 | No |
| 1,1-Dichloroethane (Ethylidene Dichloride) | < 1.0 | < 0.96 | < 0.91 | < 0.93 | < 0.91 | < 0.90 | < 0.82 | 830 ⁽²⁾ | No |
| 1,1-Dichloroethene (1,1-DCE) | < 0.88 | < 0.83 | < 0.79 | < 0.80 | < 0.79 | < 0.78 | < 0.71 | 4.0 | No |
| 1,2,4-Trimethylbenzene | < 1.0 | < 0.96 | < 0.91 | < 0.93 | < 0.91 | < 0.90 | < 0.82 | 4.0 | No |
| 1,2-Dibromo-3-Chloropropane (DBCP) | < 0.41 | < 0.39 | < 0.37 | < 0.37 | < 0.37 | < 0.36 | < 0.33 | 1.9 | No |
| 1,2-Dichloropropane | < 1.1 | < 0.99 | < 0.95 | < 0.96 | < 0.95 | < 0.93 | < 0.85 | 9.2 | No |
| 1,3,5-Trimethylbenzene | < 1.1 | < 0.99 | < 0.95 | < 0.96 | < 0.95 | < 0.93 | < 0.85 | 4.0 | No |
| 1,3-Butadiene | < 1.0 | < 0.98 | < 0.93 | < 0.94 | < 0.93 | < 0.92 | < 0.84 | 2.0 | No |
| 1,4-Dichlorobenzene | < 1.0 | < 0.96 | < 0.91 | < 0.93 | < 0.91 | < 0.90 | < 0.82 | 1,200 | No |
| 1,4-Dioxane | < 1.0 | < 0.96 | < 0.91 | < 0.93 | < 0.91 | < 0.90 | < 0.82 | 720 | No |
| 2-Butanone (MEK) | < 2.0 | 2.0 | < 1.8 | < 1.8 | < 1.8 | < 1.8 | < 1.6 | 5,200 ⁽³⁾ | No |
| 2-Hexanone | < 2.0 | < 1.9 | < 1.8 | < 1.8 | < 1.8 | < 1.8 | < 1.6 | 31 ⁽³⁾ | No |
| 4-Methyl-2-pentanone | < 2.0 | < 1.9 | < 1.8 | < 1.9 | < 1.8 | < 1.8 | < 1.7 | 3,100 ⁽³⁾ | No |
| Acetone | < 10 | 22 | 13 | 9.7 | 11 | < 8.8 | < 13 | 19,000 ⁽⁴⁾ | No |
| Acrolein | < 0.60 | < 0.57 | < 0.54 | < 0.55 | < 0.54 | < 0.54 | 0.75 | 0.92 | No |
| Acrylonitrile | < 0.49 | < 0.46 | < 0.44 | < 0.45 | < 0.44 | < 0.43 | < 0.40 | 2.0 | No |
| Benzene | < 0.99 | 1.6 | 0.89 | < 0.91 | < 0.89 | < 0.88 | 0.91 | 19 | No |
| Bromomethane | < 0.99 | < 0.94 | < 0.89 | < 0.91 | < 0.89 | < 0.88 | < 0.81 | 78 | No |
| Carbon Disulfide | < 2.0 | < 1.9 | < 1.8 | < 1.9 | < 1.8 | < 1.8 | < 1.6 | 800 | No |
| Carbon Tetrachloride | < 1.0 | < 0.96 | < 0.91 | < 0.93 | < 0.91 | < 0.90 | < 0.82 | 190 | No |
| Chlorobenzene | < 1.1 | < 0.99 | < 0.95 | < 0.96 | < 0.95 | < 0.93 | < 0.85 | 1,000 | No |
| Chloroethane (Ethyl Chloride) | < 1.1 | < 1.0 | < 0.96 | < 0.98 | < 0.96 | < 0.95 | < 0.87 | 34,000 | No |
| Chloroform | < 1.1 | < 0.99 | < 0.95 | < 0.96 | < 0.95 | < 0.93 | < 0.85 | 3.9 | No |
| Chloromethane | 1.3 | < 0.99 | < 0.95 | < 0.96 | < 0.95 | < 0.93 | < 0.85 | 620 | No |
| cis-1,2-Dichloroethene | < 1.0 | < 0.96 | < 0.91 | < 0.93 | < 0.91 | < 0.90 | < 0.82 | 8.3 ⁽²⁾ | No |
| Cumene (Isopropylbenzene) | < 1.0 | < 0.96 | < 0.91 | < 0.93 | < 0.91 | < 0.90 | < 0.82 | 420 ⁽³⁾ | No |
| Dichloromethane (Methylene Chloride) | < 0.90 | 1.1 | < 0.81 | 0.86 | 0.83 | < 0.80 | < 0.73 | 1,000 | No |
| Ethylbenzene | < 1.1 | < 1.0 | < 0.96 | < 0.98 | < 0.96 | < 0.95 | < 0.87 | 8,700 | No |
| Ethylene Dibromide (1,2-Dibromoethane) | < 0.12 | < 0.11 | < 0.11 | < 0.11 | < 0.11 | < 0.11 | < 0.098 | 0.8 | No |
| Ethylene Dichloride (1,2-Dichloroethane) | < 0.99 | < 0.94 | < 0.89 | < 0.91 | < 0.89 | < 0.88 | < 0.81 | 400 | No |
| Isopropyl Alcohol (Isopropanol) | < 1.9 | 7.7 | 2.6 | 2.8 | 3.2 | < 1.7 | 2.6 | 7,000 | No |
| m,p-Xylenes | < 2.1 | 2.3 | < 1.9 | < 1.9 | < 1.9 | < 1.9 | < 1.7 | 2,600 | No |
| Methyl Methacrylate | < 2.1 | < 2.0 | < 1.9 | < 1.9 | < 1.9 | < 1.8 | < 1.7 | 730 ⁽³⁾ | No |
| Methyl tert-Butyl Ether | < 1.1 | < 0.99 | < 0.95 | < 0.96 | < 0.95 | < 0.93 | < 0.85 | 3,600 | No |
| Naphthalene | < 0.99 | < 0.94 | < 0.89 | < 0.91 | < 0.89 | < 0.88 | < 0.81 | 9.0 | No |
| n-Hexane | < 1.0 | 1.7 | < 0.93 | 0.99 | < 0.93 | < 0.92 | < 0.84 | 1,400 | No |
| n-Nonane | < 1.0 | < 0.96 | < 0.91 | < 0.93 | < 0.91 | < 0.90 | < 0.82 | 21 ⁽³⁾ | No |
| o-Xylene | < 1.1 | < 0.99 | < 0.95 | < 0.96 | < 0.95 | < 0.93 | < 0.85 | 2,600 | No |
| Phenol | NF | NF | NF | NF | NF | NF | NF | 200 | No |
| Propylene (Propene) | < 1.0 | < 0.98 | < 0.93 | < 0.94 | < 0.93 | < 0.92 | < 0.84 | 3,000 | No |
| Styrene | < 1.0 | < 0.98 | < 0.93 | < 0.94 | < 0.93 | < 0.92 | < 0.84 | 900 | No |
| Tetrachloroethene (PCE) | < 1.1 | < 0.99 | < 0.95 | < 0.96 | < 0.95 | < 0.93 | < 0.85 | 41 | No |
| Toluene | < 1.1 | 4.0 | 1.9 | 1.7 | 1.4 | < 0.93 | 1.8 | 420 | No |
| Trichloroethene (TCE) | < 1.0 | < 0.96 | < 0.91 | < 0.93 | < 0.91 | < 0.90 | < 0.82 | 2.2 | No |
| Trichlorofluoromethane (CFC 11) | 1.0 | 1.2 | 1.4 | 1.1 | 1.1 | 1.1 | 1.0 | 1,300 ⁽²⁾ | No |
| Trichlorotrifluoroethane | < 0.88 | < 0.83 | < 0.79 | < 0.80 | < 0.79 | < 0.78 | < 0.71 | 5,200 ⁽³⁾ | No |
| Vinyl Acetate | < 10 | < 9.9 | < 9.4 | < 9.6 | < 9.4 | < 9.3 | < 8.5 | 2,500 | No |
| Vinyl Chloride | < 1.0 | < 0.98 | < 0.93 | < 0.94 | < 0.93 | < 0.92 | < 0.84 | 51 | No |
| Sulfur Compounds | | | | | | | | | |
| Carbon Disulfide | < 6.1 | < 5.7 | < 5.4 | < 5.5 | < 5.4 | < 5.4 | < 4.9 | 800 | No |
| Carbonyl Sulfide | < 9.1 | < 8.6 | < 8.2 | < 8.3 | < 8.2 | < 8.1 | < 7.4 | 10 | No |
| Dimethyl Sulfide | < 9.9 | < 9.3 | < 8.9 | < 9.0 | < 8.9 | < 8.8 | < 8.0 | 250 ⁽⁵⁾ | No |
| Dimethyl Disulfide | < 7.5 | < 7.1 | < 6.7 | < 6.9 | < 6.7 | < 6.7 | < 6.1 | 39 ^(5,6) | No |
| Hydrogen Sulfide | < 4.1 | < 3.8 | < 3.7 | < 3.7 | < 3.7 | < 3.6 | < 3.3 | 28 | No |
| Methyl Mercaptan | < 7.7 | < 7.2 | < 6.9 | < 7.0 | < 6.9 | < 6.8 | < 6.2 | 9.8 ^(5,6) | No |

Notes:

c - 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.

(5) Emergency Response Planning Guideline Value (ERPG-1) from <https://cameochemicals.noaa.gov/search/simple>

(6) U.S. Department of Energy's (DOE's) Protective Action Criteria (PAC-1) from <https://edms3.energy.gov/pac/#/>

No concentrations exceeded health-based screening levels

WEEKLY AIR MONITORING
SUMMARY OF LABORATORY DATA
1/20/2025 - 1/27/2025
FINAL REMEDY CONSTRUCTION
ASCON LANDFILL SITE

| Target Chemicals | STATION ID | | | | | | | Comparison Criteria (µg/m ³) ⁽¹⁾ | Detection Exceeds Comparison |
|--------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------------------------------------------------|---------------------------------|
| | FR-AA-06 | | | | | | | | |
| | 1/20-1/21/2025 | 1/21-1/22/2025 | 1/22-1/23/2025 | 1/23-1/24/2025 | 1/24-1/25/2025 | 1/25-1/26/2025 | 1/26-1/27/2025 | | |
| | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | | |
| Volatile Organic Compounds | | | | | | | | | |
| 1,1,1-Trichloroethane (TCA) | < 0.95 | < 0.97 | < 0.99 | < 0.93 | < 1.0 | < 0.84 | < 0.95 | 3,800 | No |
| 1,1,2,2-Tetrachloroethane | < 0.99 | < 1.0 | < 1.0 | < 0.96 | < 1.0 | < 0.87 | < 0.98 | 83 ⁽²⁾ | No |
| 1,1,2-Trichloroethane (Vinyl Chloroform) | < 1.0 | < 1.0 | < 1.0 | < 0.98 | < 1.1 | < 0.89 | < 1.0 | 11 | No |
| 1,1-Dichloroethane (Ethylidene Dichloride) | < 0.95 | < 0.97 | < 0.99 | < 0.93 | < 1.0 | < 0.84 | < 0.95 | 830 ⁽²⁾ | No |
| 1,1-Dichloroethene (1,1-DCE) | < 0.83 | < 0.84 | < 0.86 | < 0.80 | < 0.86 | < 0.73 | < 0.82 | 4.0 | No |
| 1,2,4-Trimethylbenzene | < 0.95 | < 0.97 | < 0.99 | < 0.93 | < 1.0 | < 0.84 | < 0.95 | 4.0 | No |
| 1,2-Dibromo-3-Chloropropane (DBCP) | < 0.39 | < 0.39 | < 0.40 | < 0.37 | < 0.40 | < 0.34 | < 0.38 | 1.9 | No |
| 1,2-Dichloropropane | < 0.99 | < 1.0 | < 1.0 | < 0.96 | < 1.0 | < 0.87 | < 0.98 | 9.2 | No |
| 1,3,5-Trimethylbenzene | < 0.99 | < 1.0 | < 1.0 | < 0.96 | < 1.0 | < 0.87 | < 0.98 | 4.0 | No |
| 1,3-Butadiene | < 0.97 | < 0.99 | < 1.0 | < 0.94 | < 1.0 | < 0.86 | < 0.96 | 2.0 | No |
| 1,4-Dichlorobenzene | < 0.95 | < 0.97 | < 0.99 | < 0.93 | < 1.0 | < 0.84 | < 0.95 | 1,200 | No |
| 1,4-Dioxane | < 0.95 | < 0.97 | < 0.99 | < 0.93 | < 1.0 | < 0.84 | < 0.95 | 720 | No |
| 2-Butanone (MEK) | < 1.9 | < 1.9 | < 1.9 | < 1.8 | < 2.0 | < 1.7 | < 1.9 | 5,200 ⁽³⁾ | No |
| 2-Hexanone | < 1.9 | < 1.9 | < 1.9 | < 1.8 | < 2.0 | < 1.7 | < 1.9 | 31 ⁽³⁾ | No |
| 4-Methyl-2-pentanone | < 1.9 | < 2.0 | < 2.0 | < 1.9 | < 2.0 | < 1.7 | < 1.9 | 3,100 ⁽³⁾ | No |
| Acetone | < 9.4 | 26 | 11 | < 9.1 | 9.9 | < 8.3 | < 9.3 | 19,000 ⁽⁴⁾ | No |
| Acrolein | < 0.57 | < 0.58 | < 0.59 | < 0.55 | < 0.60 | < 0.50 | < 0.56 | 0.92 | No |
| Acrylonitrile | < 0.46 | < 0.47 | < 0.48 | 1.0 | < 0.48 | < 0.41 | < 0.46 | 2.0 | No |
| Benzene | < 0.94 | 1.7 | < 0.97 | < 0.91 | < 0.98 | < 0.83 | < 0.93 | 19 | No |
| Bromomethane | < 0.94 | < 0.95 | < 0.97 | < 0.91 | < 0.98 | < 0.83 | < 0.93 | 78 | No |
| Carbon Disulfide | < 1.9 | < 1.9 | < 2.0 | < 1.9 | < 2.0 | < 1.7 | < 1.9 | 800 | No |
| Carbon Tetrachloride | < 0.95 | < 0.97 | < 0.99 | < 0.93 | < 1.0 | < 0.84 | < 0.95 | 190 | No |
| Chlorobenzene | < 0.99 | < 1.0 | < 1.0 | < 0.96 | < 1.0 | < 0.87 | < 0.98 | 1,000 | No |
| Chloroethane (Ethyl Chloride) | < 1.0 | < 1.0 | < 1.0 | < 0.98 | < 1.1 | < 0.89 | < 1.0 | 34,000 | No |
| Chloroform | < 0.99 | < 1.0 | < 1.0 | < 0.96 | < 1.0 | < 0.87 | < 0.98 | 3.9 | No |
| Chloromethane | 1.3 | < 1.0 | < 1.0 | < 0.96 | < 1.0 | < 0.87 | < 0.98 | 620 | No |
| cis-1,2-Dichloroethene | < 0.95 | < 0.97 | < 0.99 | < 0.93 | < 1.0 | < 0.84 | < 0.95 | 8.3 ⁽²⁾ | No |
| Cumene (Isopropylbenzene) | < 0.95 | < 0.97 | < 0.99 | < 0.93 | < 1.0 | < 0.84 | < 0.95 | 420 ⁽³⁾ | No |
| Dichloromethane (Methylene Chloride) | < 0.84 | 1.9 | < 0.87 | 0.96 | 1.1 | < 0.75 | < 0.84 | 1,000 | No |
| Ethylbenzene | < 1.0 | < 1.0 | < 1.0 | < 0.98 | < 1.1 | < 0.89 | < 1.0 | 8,700 | No |
| Ethylene Dibromide (1,2-Dibromoethane) | < 0.11 | < 0.12 | < 0.12 | < 0.11 | < 0.12 | < 0.10 | < 0.11 | 0.8 | No |
| Ethylene Dichloride (1,2-Dichloroethane) | < 0.94 | < 0.95 | < 0.97 | < 0.91 | < 0.98 | < 0.83 | < 0.93 | 400 | No |
| Isopropyl Alcohol (Isopropanol) | < 1.8 | 7.2 | 2.7 | 2.7 | 2.7 | < 1.6 | < 1.8 | 7,000 | No |
| m,p-Xylenes | < 2.0 | 2.2 | < 2.0 | < 1.9 | < 2.1 | < 1.7 | < 1.9 | 2,600 | No |
| Methyl Methacrylate | < 1.9 | < 2.0 | < 2.0 | < 1.9 | < 2.0 | < 1.7 | < 1.9 | 730 ⁽³⁾ | No |
| Methyl tert-Butyl Ether | < 0.99 | < 1.0 | < 1.0 | < 0.96 | < 1.0 | < 0.87 | < 0.98 | 3,600 | No |
| Naphthalene | < 0.94 | < 0.95 | < 0.97 | < 0.91 | < 0.98 | < 0.83 | < 0.93 | 9.0 | No |
| n-Hexane | < 0.97 | 2.0 | < 1.0 | 1.0 | < 1.0 | < 0.86 | < 0.96 | 1,400 | No |
| n-Nonane | < 0.95 | < 0.97 | < 0.99 | < 0.93 | < 1.0 | < 0.84 | < 0.95 | 21 ⁽³⁾ | No |
| o-Xylene | < 0.99 | < 1.0 | < 1.0 | < 0.96 | < 1.0 | < 0.87 | < 0.98 | 2,600 | No |
| Phenol | NF | NF | NF | NF | NF | NF | NF | 200 | No |
| Propylene (Propene) | < 0.97 | < 0.99 | < 1.0 | < 0.94 | < 1.0 | < 0.86 | < 0.96 | 3,000 | No |
| Styrene | < 0.97 | < 0.99 | < 1.0 | < 0.94 | < 1.0 | < 0.86 | < 0.96 | 900 | No |
| Tetrachloroethene (PCE) | < 0.99 | < 1.0 | < 1.0 | < 0.96 | < 1.0 | < 0.87 | < 0.98 | 41 | No |
| Toluene | < 0.99 | 4.1 | 1.3 | 1.4 | 1.4 | < 0.87 | < 0.98 | 420 | No |
| Trichloroethene (TCE) | < 0.95 | < 0.97 | < 0.99 | < 0.93 | < 1.0 | < 0.84 | < 0.95 | 2.2 | No |
| Trichlorofluoromethane (CFC 11) | 0.94 | 1.1 | 1.4 | 1.1 | 1.1 | 1.1 | 1.1 | 1,300 ⁽²⁾ | No |
| Trichlorotrifluoroethane | < 0.83 | < 0.84 | < 0.86 | < 0.80 | < 0.86 | < 0.73 | < 0.82 | 5,200 ⁽³⁾ | No |
| Vinyl Acetate | < 9.9 | < 10 | < 10 | < 9.6 | < 10 | < 8.7 | < 9.8 | 2,500 | No |
| Vinyl Chloride | < 0.97 | < 0.99 | < 1.0 | < 0.94 | < 1.0 | < 0.86 | < 0.96 | 51 | No |
| Sulfur Compounds | | | | | | | | | |
| Carbon Disulfide | < 5.6 | < 5.8 | < 5.9 | < 5.5 | < 6.0 | < 5.0 | < 5.7 | 800 | No |
| Carbonyl Sulfide | < 8.4 | < 8.7 | < 8.9 | < 8.3 | < 9.0 | < 7.6 | < 8.5 | 10 | No |
| Dimethyl Sulfide | < 9.1 | < 9.4 | < 9.7 | < 9.0 | < 9.8 | < 8.2 | < 9.2 | 250 ⁽⁵⁾ | No |
| Dimethyl Disulfide | < 6.9 | < 7.2 | < 7.3 | < 6.9 | < 7.4 | < 6.2 | < 7.0 | 39 ^(5,6) | No |
| Hydrogen Sulfide | < 3.8 | < 3.9 | < 4.0 | < 3.7 | < 4.0 | < 3.4 | < 3.8 | 28 | No |
| Methyl Mercaptan | < 7.1 | < 7.3 | < 7.5 | < 7.0 | < 7.6 | < 6.4 | < 7.2 | 9.8 ^(5,6) | No |

Notes:

*" - Analyte not detected in sample above the method reporting limit or method detection limit (MDL) as applicable. "NF" - Compound was searched for as a tentatively identified compound, but not found.

The 24-hour sample collection period is from approximately 7 AM to 7 AM the following day.

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(2) Department of Toxic Substances Control (DTSC) Human Health and Ecological Risk Office (HERO) Note 3 residential screening level (noncancer-based) for air (May 2022) or Note 10 (February 2019).

(3) United States Environmental Protection Agency (USEPA) Regional Screening Level (RSL) noncancer-based) for residential air (May 2024).

(4) ATSDR acute MRL.

(5) Emergency Response Planning Guideline Value (ERPG-1) from <https://cameochemicals.noaa.gov/search/simple>

(6) U.S. Department of Energy's (DOE's) Protective Action Criteria (PAC-1) from <https://edms3.energy.gov/pac/#/>