No concentrations exceeded health-based screening levels

**WEEKLY AIR MONITORING**
**SUMMARY OF LABORATORY DATA**
**9/19/2021-9/26/2021**
**FINAL REMEDY CONSTRUCTION**
**ASCON LANDFILL SITE**

| Target Chemicals | STATION ID | | | | | | | Comparison Criteria ($\mu g/m^3$)[1] | Detection Exceeds Comparison |
|---|---|---|---|---|---|---|---|---|---|
| | FR-AA-01 | | | | | | | | |
| | 9/19-9/20/2021 | 9/20-9/21/2021 | 9/21-9/22/2021 | 9/22-9/23/2021 | 9/23-9/24/2021 | 9/24-9/25/2021 | 9/25-9/26/2021 | | |
| | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | | |
| | Concentration ($\mu g/m^3$) | | | | | | | | |
| **Volatile Organic Compounds** | | | | | | | | | |
| Acetone | < 8.0 | < 7.6 | < 8.4 | < 7.8 | < 8.1 | < 7.3 | < 7.5 | 31,000 | No |
| Benzene | < 0.77 | < 0.73 | < 0.81 | < 0.75 | < 0.78 | < 0.71 | < 0.73 | 19 | No |
| 1,3-Butadiene | < 0.80 | < 0.76 | < 0.84 | < 0.78 | < 0.81 | < 0.73 | < 0.75 | 2.0 | No |
| 2-Butanone (MEK) | < 1.5 | < 1.5 | < 1.6 | < 1.5 | < 1.6 | < 1.4 | < 1.5 | 5,200[3] | No |
| Bromomethane | < 0.78 | < 0.74 | < 0.82 | < 0.77 | < 0.79 | < 0.72 | < 0.74 | 78 | No |
| Carbon Disulfide | < 1.7 | < 1.6 | < 1.8 | < 1.7 | < 1.7 | < 1.6 | < 1.6 | 800 | No |
| Carbon Tetrachloride | < 0.77 | < 0.73 | < 0.81 | < 0.75 | < 0.78 | < 0.71 | < 0.73 | 190 | No |
| Chloroethane (Ethyl Chloride) | < 0.78 | < 0.74 | < 0.82 | < 0.77 | < 0.79 | < 0.72 | < 0.74 | 30,000 | No |
| Chloroform | < 0.83 | < 0.79 | < 0.87 | < 0.81 | < 0.84 | < 0.76 | < 0.78 | 240 | No |
| Chloromethane | < 0.78 | < 0.74 | < 0.82 | < 0.77 | < 0.79 | < 0.72 | < 0.74 | 410 | No |
| cis-1,2-Dichloroethene | < 0.80 | < 0.76 | < 0.84 | < 0.78 | < 0.81 | < 0.73 | < 0.75 | 8.3[2] | No |
| Cumene (Isopropylbenzene) | < 0.80 | < 0.76 | < 0.84 | < 0.78 | < 0.81 | < 0.73 | < 0.75 | 420[3] | No |
| 1,4-Dichlorobenzene | < 0.80 | < 0.76 | < 0.84 | < 0.78 | < 0.81 | < 0.73 | < 0.75 | 1,200 | No |
| 1,1-Dichloroethene (1,1-DCE) | < 0.83 | < 0.79 | < 0.87 | < 0.81 | < 0.84 | < 0.76 | < 0.78 | 79 | No |
| Dichloromethane (Methylene Chloride) | < 0.80 | 3.1 | < 0.84 | < 0.78 | < 0.81 | < 0.73 | 0.90 | 1,000 | No |
| 1,2-Dichloropropane | < 0.77 | < 0.73 | < 0.81 | < 0.75 | < 0.78 | < 0.71 | < 0.73 | 32 | No |
| 1,4-Dioxane | < 0.80 | < 0.76 | < 0.84 | < 0.78 | < 0.81 | < 0.73 | < 0.75 | 720 | No |
| Ethylbenzene | < 0.80 | < 0.76 | < 0.84 | < 0.78 | < 0.81 | < 0.73 | < 0.75 | 8,700 | No |
| n-Hexane | < 0.81 | < 0.77 | < 0.85 | < 0.80 | < 0.82 | < 0.75 | < 0.77 | 2,100 | No |
| 2-Hexanone | < 1.7 | < 1.6 | < 1.8 | < 1.7 | < 1.7 | < 1.6 | < 1.6 | 31[3] | No |
| 4-Methyl-2-pentanone | < 1.7 | < 1.6 | < 1.8 | < 1.7 | < 1.7 | < 1.6 | < 1.6 | 3,100[3] | No |
| Methyl tert-Butyl Ether | < 0.81 | < 0.77 | < 0.85 | < 0.80 | < 0.82 | < 0.75 | < 0.77 | 2,500 | No |
| Naphthalene | < 0.80 | < 0.76 | < 0.84 | < 0.78 | < 0.81 | < 0.73 | < 0.75 | 3.7 | No |
| n-Nonane | < 0.80 | < 0.76 | < 0.84 | < 0.78 | < 0.81 | < 0.73 | < 0.75 | 21[3] | No |
| Styrene | < 0.77 | < 0.73 | < 0.81 | < 0.75 | < 0.78 | < 0.71 | < 0.73 | 850 | No |
| 1,1,2,2-Tetrachloroethane | < 0.80 | < 0.76 | < 0.84 | < 0.78 | < 0.81 | < 0.73 | < 0.75 | 83[2] | No |
| Tetrachloroethene (PCE) | < 0.80 | < 0.76 | < 0.84 | < 0.78 | < 0.81 | < 0.73 | < 0.75 | 41 | No |
| Toluene | < 0.80 | < 0.76 | 1.2 | < 0.78 | < 0.81 | < 0.73 | < 0.75 | 300 | No |
| 1,1,1-Trichloroethane (TCA) | < 0.80 | < 0.76 | < 0.84 | < 0.78 | < 0.81 | < 0.73 | < 0.75 | 3,800 | No |
| 1,1,2-Trichloroethane (Vinyl Chloroform) | < 0.083 | < 0.079 | < 0.087 | < 0.081 | < 0.084 | < 0.076 | < 0.078 | 0.21[3] | No |
| Trichloroethene (TCE) | < 0.80 | < 0.76 | < 0.84 | < 0.78 | < 0.81 | < 0.73 | < 0.75 | 2.2 | No |
| Trichlorofluoromethane (CFC 11) | 1.2 | 1.2 | 1.0 | 1.2 | 1.1 | 1.0 | 1.0 | 1,300[2] | No |
| Trichlorotrifluoroethane | < 0.83 | < 0.79 | < 0.87 | < 0.81 | < 0.84 | < 0.76 | < 0.78 | 5,200[3] | No |
| 1,2,4-Trimethylbenzene | < 0.80 | < 0.76 | < 0.84 | < 0.78 | < 0.81 | < 0.73 | < 0.75 | 63[3] | No |
| 1,3,5-Trimethylbenzene | < 0.80 | < 0.76 | < 0.84 | < 0.78 | < 0.81 | < 0.73 | < 0.75 | 63[3] | No |
| m,p-Xylenes | < 1.7 | < 1.6 | < 1.8 | < 1.7 | < 1.7 | < 1.6 | < 1.6 | 2,600 | No |
| o-Xylene | < 0.80 | < 0.76 | < 0.84 | < 0.78 | < 0.81 | < 0.73 | < 0.75 | 2,600 | No |
| Vinyl Acetate | < 7.7 | < 7.3 | < 8.1 | < 7.5 | < 7.8 | < 7.1 | < 7.3 | 35 | No |
| Vinyl Chloride | < 0.80 | < 0.76 | < 0.84 | < 0.78 | < 0.81 | < 0.73 | < 0.75 | 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 Heath 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).

No concentrations exceeded health-based screening levels

**WEEKLY AIR MONITORING**
**SUMMARY OF LABORATORY DATA**
**9/19/2021-9/26/2021**
**FINAL REMEDY CONSTRUCTION**
**ASCON LANDFILL SITE**

| Target Chemicals | STATION ID | | | | | | | Comparison Criteria (µg/m$^3$)[1] | Detection Exceeds Comparison |
|---|---|---|---|---|---|---|---|---|---|
| | FR-AA-03 | | | | | | | | |
| | 9/19-9/20/2021 | 9/20-9/21/2021 | 9/21-9/22/2021 | 9/22-9/23/2021 | 9/23-9/24/2021 | 9/24-9/25/2021 | 9/25-9/26/2021 | | |
| | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | | |
| | Concentration (µg/m$^3$) | | | | | | | | |
| **Volatile Organic Compounds** | | | | | | | | | |
| Acetone | < 7.4 | < 12 | < 8.7 | < 7.9 | < 8.2 | < 8.1 | < 7.0 | 31,000 | No |
| Benzene | < 0.72 | < 1.2 | < 0.84 | < 0.76 | < 0.79 | < 0.78 | < 0.68 | 19 | No |
| 1,3-Butadiene | < 0.74 | < 1.2 | < 0.87 | < 0.79 | < 0.82 | < 0.81 | < 0.70 | 2.0 | No |
| 2-Butanone (MEK) | < 1.4 | < 2.3 | < 1.7 | < 1.5 | < 1.6 | < 1.6 | < 1.4 | 5,200[3] | No |
| Bromomethane | < 0.73 | < 1.2 | < 0.85 | < 0.77 | < 0.80 | < 0.80 | < 0.69 | 78 | No |
| Carbon Disulfide | < 1.6 | < 2.6 | < 1.8 | < 1.7 | < 1.7 | < 1.7 | < 1.5 | 800 | No |
| Carbon Tetrachloride | < 0.72 | < 1.2 | < 0.84 | < 0.76 | < 0.79 | < 0.78 | < 0.68 | 190 | No |
| Chloroethane (Ethyl Chloride) | < 0.73 | < 1.2 | < 0.85 | < 0.77 | < 0.80 | < 0.80 | < 0.69 | 30,000 | No |
| Chloroform | < 0.77 | < 1.3 | < 0.90 | < 0.82 | < 0.85 | < 0.84 | < 0.73 | 240 | No |
| Chloromethane | < 0.73 | < 1.2 | < 0.85 | < 0.77 | < 0.80 | < 0.80 | < 0.69 | 410 | No |
| cis-1,2-Dichloroethene | < 0.74 | < 1.2 | < 0.87 | < 0.79 | < 0.82 | < 0.81 | < 0.70 | 8.3[2] | No |
| Cumene (Isopropylbenzene) | < 0.74 | < 1.2 | < 0.87 | < 0.79 | < 0.82 | < 0.81 | < 0.70 | 420[3] | No |
| 1,4-Dichlorobenzene | < 0.74 | < 1.2 | < 0.87 | < 0.79 | < 0.82 | < 0.81 | < 0.70 | 1,200 | No |
| 1,1-Dichloroethene (1,1-DCE) | < 0.77 | < 1.3 | < 0.90 | < 0.82 | < 0.85 | < 0.84 | < 0.73 | 79 | No |
| Dichloromethane (Methylene Chloride) | < 0.74 | 1.7 | < 0.87 | < 0.79 | < 0.82 | < 0.81 | < 0.70 | 1,000 | No |
| 1,2-Dichloropropane | < 0.72 | < 1.2 | < 0.84 | < 0.76 | < 0.79 | < 0.78 | < 0.68 | 32 | No |
| 1,4-Dioxane | < 0.74 | < 1.2 | < 0.87 | < 0.79 | < 0.82 | < 0.81 | < 0.70 | 720 | No |
| Ethylbenzene | < 0.74 | < 1.2 | < 0.87 | < 0.79 | < 0.82 | < 0.81 | < 0.70 | 8,700 | No |
| n-Hexane | < 0.76 | < 1.3 | < 0.89 | < 0.80 | < 0.83 | < 0.83 | < 0.72 | 2,100 | No |
| 2-Hexanone | < 1.6 | < 2.6 | < 1.8 | < 1.7 | < 1.7 | < 1.7 | < 1.5 | 31[3] | No |
| 4-Methyl-2-pentanone | < 1.6 | < 2.6 | < 1.8 | < 1.7 | < 1.7 | < 1.7 | < 1.5 | 3,100[3] | No |
| Methyl tert-Butyl Ether | < 0.76 | < 1.3 | < 0.89 | < 0.80 | < 0.83 | < 0.83 | < 0.72 | 2,500 | No |
| Naphthalene | < 0.74 | < 1.2 | < 0.87 | < 0.79 | < 0.82 | < 0.81 | < 0.70 | 3.7 | No |
| n-Nonane | < 0.74 | < 1.2 | < 0.87 | < 0.79 | < 0.82 | < 0.81 | < 0.70 | 21[3] | No |
| Styrene | < 0.72 | < 1.2 | < 0.84 | < 0.76 | < 0.79 | < 0.78 | < 0.68 | 850 | No |
| 1,1,2,2-Tetrachloroethane | < 0.74 | < 1.2 | < 0.87 | < 0.79 | < 0.82 | < 0.81 | < 0.70 | 83[2] | No |
| Tetrachloroethene (PCE) | < 0.74 | < 1.2 | < 0.87 | < 0.79 | < 0.82 | < 0.81 | < 0.70 | 41 | No |
| Toluene | < 0.74 | < 1.2 | < 0.87 | < 0.79 | < 0.82 | < 0.81 | < 0.70 | 300 | No |
| 1,1,1-Trichloroethane (TCA) | < 0.74 | < 1.2 | < 0.87 | < 0.79 | < 0.82 | < 0.81 | < 0.70 | 3,800 | No |
| 1,1,2-Trichloroethane (Vinyl Chloroform) | < 0.077 | < 0.13 | < 0.090 | < 0.082 | < 0.085 | < 0.084 | < 0.073 | 0.21[3] | No |
| Trichloroethene (TCE) | < 0.74 | < 1.2 | < 0.87 | < 0.79 | < 0.82 | < 0.81 | < 0.70 | 2.2 | No |
| Trichlorofluoromethane (CFC 11) | 1.2 | 1.4 | 1.0 | 1.2 | 1.1 | 1.0 | 1.0 | 1,300[2] | No |
| Trichlorotrifluoroethane | < 0.77 | < 1.3 | < 0.90 | < 0.82 | < 0.85 | < 0.84 | < 0.73 | 5,200[3] | No |
| 1,2,4-Trimethylbenzene | < 0.74 | < 1.2 | < 0.87 | < 0.79 | < 0.82 | < 0.81 | < 0.70 | 63[3] | No |
| 1,3,5-Trimethylbenzene | < 0.74 | < 1.2 | < 0.87 | < 0.79 | < 0.82 | < 0.81 | < 0.70 | 63[3] | No |
| m,p-Xylenes | < 1.6 | < 2.6 | < 1.8 | < 1.7 | < 1.7 | < 1.7 | < 1.5 | 2,600 | No |
| o-Xylene | < 0.74 | < 1.2 | < 0.87 | < 0.79 | < 0.82 | < 0.81 | < 0.70 | 2,600 | No |
| Vinyl Acetate | < 7.2 | < 12 | < 8.4 | < 7.6 | < 7.9 | < 7.8 | < 6.8 | 35 | No |
| Vinyl Chloride | < 0.74 | < 1.2 | < 0.87 | < 0.79 | < 0.82 | < 0.81 | < 0.70 | 77 | No |

Notes:

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

(1) CDC's Agency for Toxic Substances and Disease Registry's (ATSDR) intermediate minimal risk level (MRL) or lower of chronic ATSDR MRL or chronic CalEPA Office of Environmental Heath 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).

Sample on 9/20-9/21/2021 is a time weighted average reported from two samples consecutively collected over a 24-hr period.

No concentrations exceeded health-based screening levels

**WEEKLY AIR MONITORING**
**SUMMARY OF LABORATORY DATA**
**9/19/2021-9/26/2021**
**FINAL REMEDY CONSTRUCTION**
**ASCON LANDFILL SITE**

| Target Chemicals | STATION ID | | | | | | | Comparison Criteria ($\mu g/m^3$)[1] | Detection Exceeds Comparison |
|---|---|---|---|---|---|---|---|---|---|
| | FR-AA-04 | | | | | | | | |
| | 9/19-9/20/2021 | 9/20-9/21/2021 | 9/21-9/22/2021 | 9/22-9/23/2021 | 9/23-9/24/2021 | 9/24-9/25/2021 | 9/25-9/26/2021 | | |
| | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | | |
| | Concentration ($\mu g/m^3$) | | | | | | | | |
| **Volatile Organic Compounds** | | | | | | | | | |
| Acetone | 8.3 | < 8.3 | < 8.1 | < 7.7 | < 8.3 | < 8.2 | < 7.4 | 31,000 | No |
| Benzene | < 0.76 | < 0.80 | < 0.78 | < 0.74 | < 0.80 | < 0.79 | < 0.71 | 19 | No |
| 1,3-Butadiene | < 0.79 | < 0.83 | < 0.81 | < 0.77 | < 0.83 | < 0.82 | < 0.74 | 2.0 | No |
| 2-Butanone (MEK) | < 1.5 | < 1.6 | < 1.6 | < 1.5 | < 1.6 | < 1.6 | < 1.4 | 5,200[3] | No |
| Bromomethane | < 0.78 | < 0.82 | < 0.79 | < 0.75 | < 0.82 | < 0.80 | < 0.72 | 78 | No |
| Carbon Disulfide | < 1.7 | < 1.8 | < 1.7 | < 1.6 | < 1.8 | < 1.7 | < 1.6 | 800 | No |
| Carbon Tetrachloride | < 0.76 | < 0.80 | < 0.78 | < 0.74 | < 0.80 | < 0.79 | < 0.71 | 190 | No |
| Chloroethane (Ethyl Chloride) | < 0.78 | < 0.82 | < 0.79 | < 0.75 | < 0.82 | < 0.80 | < 0.72 | 30,000 | No |
| Chloroform | < 0.82 | < 0.86 | < 0.84 | < 0.80 | < 0.86 | < 0.85 | < 0.77 | 240 | No |
| Chloromethane | < 0.78 | < 0.82 | < 0.79 | < 0.75 | < 0.82 | < 0.80 | < 0.72 | 410 | No |
| cis-1,2-Dichloroethene | < 0.79 | < 0.83 | < 0.81 | < 0.77 | < 0.83 | < 0.82 | < 0.74 | 8.3[2] | No |
| Cumene (Isopropylbenzene) | < 0.79 | < 0.83 | < 0.81 | < 0.77 | < 0.83 | < 0.82 | < 0.74 | 420[3] | No |
| 1,4-Dichlorobenzene | < 0.79 | < 0.83 | < 0.81 | < 0.77 | < 0.83 | < 0.82 | < 0.74 | 1,200 | No |
| 1,1-Dichloroethene (1,1-DCE) | < 0.82 | < 0.86 | < 0.84 | < 0.80 | < 0.86 | < 0.85 | < 0.77 | 79 | No |
| Dichloromethane (Methylene Chloride) | < 0.79 | < 0.83 | < 0.81 | < 0.77 | < 0.83 | < 0.82 | < 0.74 | 1,000 | No |
| 1,2-Dichloropropane | < 0.76 | < 0.80 | < 0.78 | < 0.74 | < 0.80 | < 0.79 | < 0.71 | 32 | No |
| 1,4-Dioxane | < 0.79 | < 0.83 | < 0.81 | < 0.77 | < 0.83 | < 0.82 | < 0.74 | 720 | No |
| Ethylbenzene | < 0.79 | < 0.83 | < 0.81 | < 0.77 | < 0.83 | < 0.82 | < 0.74 | 8,700 | No |
| n-Hexane | < 0.81 | < 0.85 | < 0.82 | < 0.78 | < 0.85 | < 0.83 | < 0.75 | 2,100 | No |
| 2-Hexanone | < 1.7 | < 1.8 | < 1.7 | < 1.6 | < 1.8 | < 1.7 | < 1.6 | 31[3] | No |
| 4-Methyl-2-pentanone | < 1.7 | < 1.8 | < 1.7 | < 1.6 | < 1.8 | < 1.7 | < 1.6 | 3,100[3] | No |
| Methyl tert-Butyl Ether | < 0.81 | < 0.85 | < 0.82 | < 0.78 | < 0.85 | < 0.83 | < 0.75 | 2,500 | No |
| Naphthalene | < 0.79 | < 0.83 | < 0.81 | < 0.77 | < 0.83 | < 0.82 | < 0.74 | 3.7 | No |
| n-Nonane | < 0.79 | < 0.83 | < 0.81 | < 0.77 | < 0.83 | < 0.82 | < 0.74 | 21[3] | No |
| Styrene | < 0.76 | < 0.80 | < 0.78 | < 0.74 | < 0.80 | < 0.79 | < 0.71 | 850 | No |
| 1,1,2,2-Tetrachloroethane | < 0.79 | < 0.83 | < 0.81 | < 0.77 | < 0.83 | < 0.82 | < 0.74 | 83[2] | No |
| Tetrachloroethene (PCE) | < 0.79 | < 0.83 | < 0.81 | < 0.77 | < 0.83 | < 0.82 | < 0.74 | 41 | No |
| Toluene | < 0.79 | < 0.83 | < 0.81 | < 0.77 | < 0.83 | < 0.82 | < 0.74 | 300 | No |
| 1,1,1-Trichloroethane (TCA) | < 0.79 | < 0.83 | < 0.81 | < 0.77 | < 0.83 | < 0.82 | < 0.74 | 3,800 | No |
| 1,1,2-Trichloroethane (Vinyl Chloroform) | < 0.082 | < 0.086 | < 0.084 | < 0.080 | < 0.086 | < 0.085 | < 0.077 | 0.21[3] | No |
| Trichloroethene (TCE) | < 0.79 | < 0.83 | < 0.81 | < 0.77 | < 0.83 | < 0.82 | < 0.74 | 2.2 | No |
| Trichlorofluoromethane (CFC 11) | 1.2 | 1.2 | 1.0 | 1.2 | 1.1 | 1.0 | 1.1 | 1,300[2] | No |
| Trichlorotrifluoroethane | < 0.82 | < 0.86 | < 0.84 | < 0.80 | < 0.86 | < 0.85 | < 0.77 | 5,200[3] | No |
| 1,2,4-Trimethylbenzene | < 0.79 | < 0.83 | < 0.81 | < 0.77 | < 0.83 | < 0.82 | < 0.74 | 63[3] | No |
| 1,3,5-Trimethylbenzene | < 0.79 | < 0.83 | < 0.81 | < 0.77 | < 0.83 | < 0.82 | < 0.74 | 63[3] | No |
| m,p-Xylenes | < 1.7 | < 1.8 | < 1.7 | < 1.6 | < 1.8 | < 1.7 | < 1.6 | 2,600 | No |
| o-Xylene | < 0.79 | < 0.83 | < 0.81 | < 0.77 | < 0.83 | < 0.82 | < 0.74 | 2,600 | No |
| Vinyl Acetate | < 7.6 | < 8.0 | < 7.8 | < 7.4 | < 8.0 | < 7.9 | < 7.1 | 35 | No |
| Vinyl Chloride | < 0.79 | < 0.83 | < 0.81 | < 0.77 | < 0.83 | < 0.82 | < 0.74 | 77 | No |

Notes:

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

(1) CDC's Agency for Toxic Substances and Disease Registry's (ATSDR) intermediate minimal risk level (MRL) or lower of chronic ATSDR MRL or chronic CalEPA Office of Environmental Heath 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).

No concentrations exceeded health-based screening levels

**WEEKLY AIR MONITORING**
**SUMMARY OF LABORATORY DATA**
**9/19/2021-9/26/2021**
**FINAL REMEDY CONSTRUCTION**
**ASCON LANDFILL SITE**

| Target Chemicals | STATION ID | | | | | | | Comparison Criteria (µg/m$^3$)[1] | Detection Exceeds Comparison |
|---|---|---|---|---|---|---|---|---|---|
| | FR-AA-05 | | | | | | | | |
| | 9/19-9/20/2021 | 9/20-9/21/2021 | 9/21-9/22/2021 | 9/22-9/23/2021 | 9/23-9/24/2021 | 9/24-9/25/2021 | 9/25-9/26/2021 | | |
| | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | | |
| | Concentration (µg/m$^3$) | | | | | | | | |
| **Volatile Organic Compounds** | | | | | | | | | |
| Acetone | < 7.3 | < 7.8 | < 8.0 | < 8.2 | < 8.1 | < 8.7 | < 7.2 | 31,000 | No |
| Benzene | < 0.71 | < 0.75 | < 0.77 | < 0.79 | < 0.78 | < 0.84 | < 0.69 | 19 | No |
| 1,3-Butadiene | < 0.73 | < 0.78 | < 0.80 | < 0.82 | < 0.81 | < 0.87 | < 0.72 | 2.0 | No |
| 2-Butanone (MEK) | < 1.4 | < 1.5 | < 1.5 | < 1.6 | < 1.6 | < 1.7 | < 1.4 | 5,200[3] | No |
| Bromomethane | < 0.72 | < 0.77 | < 0.79 | < 0.81 | < 0.80 | < 0.86 | < 0.70 | 78 | No |
| Carbon Disulfide | < 1.6 | < 1.7 | < 1.7 | < 1.7 | < 1.7 | < 1.8 | < 1.5 | 800 | No |
| Carbon Tetrachloride | < 0.71 | < 0.75 | < 0.77 | < 0.79 | < 0.78 | < 0.84 | < 0.69 | 190 | No |
| Chloroethane (Ethyl Chloride) | < 0.72 | < 0.77 | < 0.79 | < 0.81 | < 0.80 | < 0.86 | < 0.70 | 30,000 | No |
| Chloroform | < 0.76 | < 0.81 | < 0.83 | < 0.85 | < 0.84 | < 0.91 | < 0.75 | 240 | No |
| Chloromethane | < 0.72 | < 0.77 | < 0.79 | < 0.81 | < 0.80 | < 0.86 | < 0.70 | 410 | No |
| cis-1,2-Dichloroethene | < 0.73 | < 0.78 | < 0.80 | < 0.82 | < 0.81 | < 0.87 | < 0.72 | 8.3[2] | No |
| Cumene (Isopropylbenzene) | < 0.73 | < 0.78 | < 0.80 | < 0.82 | < 0.81 | < 0.87 | < 0.72 | 420[3] | No |
| 1,4-Dichlorobenzene | < 0.73 | < 0.78 | < 0.80 | < 0.82 | < 0.81 | < 0.87 | < 0.72 | 1,200 | No |
| 1,1-Dichloroethene (1,1-DCE) | < 0.76 | < 0.81 | < 0.83 | < 0.85 | < 0.84 | < 0.91 | < 0.75 | 79 | No |
| Dichloromethane (Methylene Chloride) | < 0.73 | < 0.78 | < 0.80 | < 0.82 | < 0.81 | < 0.87 | < 0.72 | 1,000 | No |
| 1,2-Dichloropropane | < 0.71 | < 0.75 | < 0.77 | < 0.79 | < 0.78 | < 0.84 | < 0.69 | 32 | No |
| 1,4-Dioxane | < 0.73 | < 0.78 | < 0.80 | < 0.82 | < 0.81 | < 0.87 | < 0.72 | 720 | No |
| Ethylbenzene | < 0.73 | < 0.78 | < 0.80 | < 0.82 | < 0.81 | < 0.87 | < 0.72 | 8,700 | No |
| n-Hexane | < 0.75 | < 0.80 | < 0.82 | < 0.84 | < 0.83 | < 0.89 | < 0.73 | 2,100 | No |
| 2-Hexanone | < 1.6 | < 1.7 | < 1.7 | < 1.7 | < 1.7 | < 1.8 | < 1.5 | 31[3] | No |
| 4-Methyl-2-pentanone | < 1.6 | < 1.7 | < 1.7 | < 1.7 | < 1.7 | < 1.8 | < 1.5 | 3,100[3] | No |
| Methyl tert-Butyl Ether | < 0.75 | < 0.80 | < 0.82 | < 0.84 | < 0.83 | < 0.89 | < 0.73 | 2,500 | No |
| Naphthalene | < 0.73 | < 0.78 | < 0.80 | < 0.82 | < 0.81 | < 0.87 | < 0.72 | 3.7 | No |
| n-Nonane | < 0.73 | < 0.78 | < 0.80 | < 0.82 | < 0.81 | < 0.87 | < 0.72 | 21[3] | No |
| Styrene | < 0.71 | < 0.75 | < 0.77 | < 0.79 | < 0.78 | < 0.84 | < 0.69 | 850 | No |
| 1,1,2,2-Tetrachloroethane | < 0.73 | < 0.78 | < 0.80 | < 0.82 | < 0.81 | < 0.87 | < 0.72 | 83[2] | No |
| Tetrachloroethene (PCE) | < 0.73 | < 0.78 | < 0.80 | < 0.82 | < 0.81 | < 0.87 | < 0.72 | 41 | No |
| Toluene | 0.77 | < 0.78 | 0.87 | < 0.82 | < 0.81 | < 0.87 | < 0.72 | 300 | No |
| 1,1,1-Trichloroethane (TCA) | < 0.73 | < 0.78 | < 0.80 | < 0.82 | < 0.81 | < 0.87 | < 0.72 | 3,800 | No |
| 1,1,2-Trichloroethane (Vinyl Chloroform) | < 0.076 | < 0.081 | < 0.083 | < 0.085 | < 0.084 | < 0.091 | < 0.075 | 0.21[3] | No |
| Trichloroethene (TCE) | < 0.73 | < 0.78 | < 0.80 | < 0.82 | 0.96 | < 0.87 | < 0.72 | 2.2 | No |
| Trichlorofluoromethane (CFC 11) | 1.2 | 1.2 | 1.0 | 1.2 | 1.1 | 1.0 | 1.1 | 1,300[2] | No |
| Trichlorotrifluoroethane | < 0.76 | < 0.81 | < 0.83 | < 0.85 | < 0.84 | < 0.91 | < 0.75 | 5,200[3] | No |
| 1,2,4-Trimethylbenzene | < 0.73 | < 0.78 | < 0.80 | < 0.82 | < 0.81 | < 0.87 | < 0.72 | 63[3] | No |
| 1,3,5-Trimethylbenzene | < 0.73 | < 0.78 | < 0.80 | < 0.82 | < 0.81 | < 0.87 | < 0.72 | 63[3] | No |
| m,p-Xylenes | < 1.6 | < 1.7 | < 1.7 | < 1.7 | < 1.7 | < 1.8 | < 1.5 | 2,600 | No |
| o-Xylene | < 0.73 | < 0.78 | < 0.80 | < 0.82 | < 0.81 | < 0.87 | < 0.72 | 2,600 | No |
| Vinyl Acetate | < 7.1 | < 7.5 | < 7.7 | < 7.9 | < 7.8 | < 8.4 | < 6.9 | 35 | No |
| Vinyl Chloride | < 0.73 | < 0.78 | < 0.80 | < 0.82 | < 0.81 | < 0.87 | < 0.72 | 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 Heath 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).

No concentrations exceeded health-based screening levels

**WEEKLY AIR MONITORING**
**SUMMARY OF LABORATORY DATA**
**9/19/2021-9/26/2021**
**FINAL REMEDY CONSTRUCTION**
**ASCON LANDFILL SITE**

| Target Chemicals | STATION ID | | | | | | | Comparison Criteria (µg/m$^3$)[1] | Detection Exceeds Comparison |
|---|---|---|---|---|---|---|---|---|---|
| | FR-AA-06 | | | | | | | | |
| | 9/19-9/20/2021 | 9/20-9/21/2021 | 9/21-9/22/2021 | 9/22-9/23/2021 | 9/23-9/24/2021 | 9/24-9/25/2021 | 9/25-9/26/2021 | | |
| | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | | |
| | Concentration (µg/m$^3$) | | | | | | | | |
| **Volatile Organic Compounds** | | | | | | | | | |
| Acetone | < 7.3 | < 7.9 | < 7.6 | < 7.7 | < 8.0 | < 8.2 | < 7.3 | 31,000 | No |
| Benzene | < 0.70 | < 0.76 | < 0.73 | < 0.74 | < 0.77 | < 0.79 | < 0.71 | 19 | No |
| 1,3-Butadiene | < 0.73 | < 0.79 | < 0.76 | < 0.77 | < 0.80 | < 0.82 | < 0.73 | 2.0 | No |
| 2-Butanone (MEK) | < 1.4 | < 1.5 | < 1.5 | < 1.5 | < 1.5 | < 1.6 | < 1.4 | 5,200[3] | No |
| Bromomethane | < 0.71 | < 0.77 | < 0.74 | < 0.75 | < 0.78 | < 0.81 | < 0.72 | 78 | No |
| Carbon Disulfide | < 1.5 | < 1.7 | < 1.6 | < 1.6 | < 1.7 | < 1.7 | < 1.6 | 800 | No |
| Carbon Tetrachloride | < 0.70 | < 0.76 | < 0.73 | < 0.74 | < 0.77 | < 0.79 | < 0.71 | 190 | No |
| Chloroethane (Ethyl Chloride) | < 0.71 | < 0.77 | < 0.74 | < 0.75 | < 0.78 | < 0.81 | < 0.72 | 30,000 | No |
| Chloroform | < 0.76 | < 0.82 | < 0.79 | < 0.80 | < 0.83 | < 0.85 | < 0.76 | 240 | No |
| Chloromethane | < 0.71 | < 0.77 | < 0.74 | < 0.75 | < 0.78 | < 0.81 | < 0.72 | 410 | No |
| cis-1,2-Dichloroethene | < 0.73 | < 0.79 | < 0.76 | < 0.77 | < 0.80 | < 0.82 | < 0.73 | 8.3[2] | No |
| Cumene (Isopropylbenzene) | < 0.73 | < 0.79 | < 0.76 | < 0.77 | < 0.80 | < 0.82 | < 0.73 | 420[3] | No |
| 1,4-Dichlorobenzene | < 0.73 | < 0.79 | < 0.76 | < 0.77 | < 0.80 | < 0.82 | < 0.73 | 1,200 | No |
| 1,1-Dichloroethene (1,1-DCE) | < 0.76 | < 0.82 | < 0.79 | < 0.80 | < 0.83 | < 0.85 | < 0.76 | 79 | No |
| Dichloromethane (Methylene Chloride) | < 0.73 | < 0.79 | < 0.76 | < 0.77 | < 0.80 | < 0.82 | < 0.73 | 1,000 | No |
| 1,2-Dichloropropane | < 0.70 | < 0.76 | < 0.73 | < 0.74 | < 0.77 | < 0.79 | < 0.71 | 32 | No |
| 1,4-Dioxane | < 0.73 | < 0.79 | < 0.76 | < 0.77 | < 0.80 | < 0.82 | < 0.73 | 720 | No |
| Ethylbenzene | < 0.73 | < 0.79 | < 0.76 | < 0.77 | < 0.80 | < 0.82 | < 0.73 | 8,700 | No |
| n-Hexane | < 0.74 | < 0.80 | < 0.77 | < 0.78 | < 0.81 | < 0.84 | < 0.75 | 2,100 | No |
| 2-Hexanone | < 1.5 | < 1.7 | < 1.6 | < 1.6 | < 1.7 | < 1.7 | < 1.6 | 31[3] | No |
| 4-Methyl-2-pentanone | < 1.5 | < 1.7 | < 1.6 | < 1.6 | < 1.7 | < 1.7 | < 1.6 | 3,100[3] | No |
| Methyl tert-Butyl Ether | < 0.74 | < 0.80 | < 0.77 | < 0.78 | < 0.81 | < 0.84 | < 0.75 | 2,500 | No |
| Naphthalene | < 0.73 | < 0.79 | < 0.76 | < 0.77 | < 0.80 | < 0.82 | < 0.73 | 3.7 | No |
| n-Nonane | < 0.73 | < 0.79 | < 0.76 | < 0.77 | < 0.80 | < 0.82 | < 0.73 | 21[3] | No |
| Styrene | < 0.70 | < 0.76 | < 0.73 | < 0.74 | < 0.77 | < 0.79 | < 0.71 | 850 | No |
| 1,1,2,2-Tetrachloroethane | < 0.73 | < 0.79 | < 0.76 | < 0.77 | < 0.80 | < 0.82 | < 0.73 | 83[2] | No |
| Tetrachloroethene (PCE) | < 0.73 | < 0.79 | < 0.76 | < 0.77 | < 0.80 | < 0.82 | < 0.73 | 41 | No |
| Toluene | < 0.73 | < 0.79 | < 0.76 | < 0.77 | < 0.80 | < 0.82 | < 0.73 | 300 | No |
| 1,1,1-Trichloroethane (TCA) | < 0.73 | < 0.79 | < 0.76 | < 0.77 | < 0.80 | < 0.82 | < 0.73 | 3,800 | No |
| 1,1,2-Trichloroethane (Vinyl Chloroform) | < 0.076 | < 0.082 | < 0.079 | < 0.080 | < 0.083 | < 0.085 | < 0.076 | 0.21[3] | No |
| Trichloroethene (TCE) | < 0.73 | < 0.79 | < 0.76 | < 0.77 | < 0.80 | < 0.82 | < 0.73 | 2.2 | No |
| Trichlorofluoromethane (CFC 11) | 1.2 | 1.2 | 1.0 | 1.2 | 1.1 | 1.0 | 1.1 | 1,300[2] | No |
| Trichlorotrifluoroethane | < 0.76 | < 0.82 | < 0.79 | < 0.80 | < 0.83 | < 0.85 | < 0.76 | 5,200[3] | No |
| 1,2,4-Trimethylbenzene | < 0.73 | < 0.79 | < 0.76 | < 0.77 | < 0.80 | < 0.82 | < 0.73 | 63[3] | No |
| 1,3,5-Trimethylbenzene | < 0.73 | < 0.79 | < 0.76 | < 0.77 | < 0.80 | < 0.82 | < 0.73 | 63[3] | No |
| m,p-Xylenes | < 1.5 | < 1.7 | < 1.6 | < 1.6 | < 1.7 | < 1.7 | < 1.6 | 2,600 | No |
| o-Xylene | < 0.73 | < 0.79 | < 0.76 | < 0.77 | < 0.80 | < 0.82 | < 0.73 | 2,600 | No |
| Vinyl Acetate | < 7.0 | < 7.6 | < 7.3 | < 7.4 | < 7.7 | < 7.9 | < 7.1 | 35 | No |
| Vinyl Chloride | < 0.73 | < 0.79 | < 0.76 | < 0.77 | < 0.80 | < 0.82 | < 0.73 | 77 | No |

Notes:

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

(1) CDC's Agency for Toxic Substances and Disease Registry's (ATSDR) intermediate minimal risk level (MRL) or lower of chronic ATSDR MRL or chronic CalEPA Office of Environmental Heath 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).