No concentrations exceeded health-based screening levels

**WEEKLY AIR MONITORING**
**SUMMARY OF LABORATORY DATA**
**7/3/2022-7/10/2022**
**FINAL REMEDY CONSTRUCTION**
**ASCON LANDFILL SITE**

| Target Chemicals | STATION ID | | | | | Comparison Criteria (µg/m$^3$)[1] | Detection Exceeds Comparison |
|---|---|---|---|---|---|---|---|
| | FR-AA-01 | | | | | | |
| | 7/5-7/6/2022 | 7/6-7/7/2022 | 7/7-7/8/2022 | 7/8-7/9/2022 | 7/9-7/10/2022 | | |
| | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | | |
| | Concentration (µg/m$^3$) | | | | | | |
| **Volatile Organic Compounds** | | | | | | | |
| Acetone | < 7.5 | < 7.7 | < 7.5 | < 7.7 | < 7.3 | 19,000 | No |
| Benzene | < 0.72 | < 0.74 | < 0.72 | < 0.75 | < 0.71 | 19 | No |
| 1,3-Butadiene | < 0.75 | < 0.77 | < 0.75 | < 0.77 | < 0.73 | 2.0 | No |
| 2-Butanone (MEK) | < 1.4 | < 1.5 | < 1.4 | < 1.5 | < 1.4 | 5,200[3] | No |
| Bromomethane | < 0.73 | < 0.75 | < 0.73 | < 0.76 | < 0.72 | 78 | No |
| Carbon Disulfide | < 1.6 | < 1.6 | < 1.6 | < 1.6 | < 1.6 | 800 | No |
| Carbon Tetrachloride | < 0.72 | < 0.74 | < 0.72 | < 0.75 | < 0.71 | 190 | No |
| Chloroethane (Ethyl Chloride) | < 0.73 | < 0.75 | < 0.73 | < 0.76 | < 0.72 | 30,000 | No |
| Chloroform | < 0.78 | < 0.80 | < 0.78 | < 0.80 | < 0.76 | 240 | No |
| Chloromethane | < 0.73 | < 0.75 | < 0.73 | < 0.76 | < 0.72 | 620 | No |
| cis-1,2-Dichloroethene | < 0.75 | < 0.77 | < 0.75 | < 0.77 | < 0.73 | 8.3[2] | No |
| Cumene (Isopropylbenzene) | < 0.75 | < 0.77 | < 0.75 | < 0.77 | < 0.73 | 420[3] | No |
| 1,4-Dichlorobenzene | < 0.75 | < 0.77 | < 0.75 | < 0.77 | < 0.73 | 1,200 | No |
| 1,1-Dichloroethene (1,1-DCE) | < 0.78 | < 0.80 | < 0.78 | < 0.80 | < 0.76 | 4 | No |
| Dichloromethane (Methylene Chloride) | < 0.75 | < 0.77 | < 0.75 | < 0.77 | < 0.73 | 1,000 | No |
| 1,2-Dichloropropane | < 0.72 | < 0.74 | < 0.72 | < 0.75 | < 0.71 | 9.2 | No |
| 1,4-Dioxane | < 0.75 | < 0.77 | < 0.75 | < 0.77 | < 0.73 | 720 | No |
| Ethylbenzene | < 0.75 | < 0.77 | < 0.75 | < 0.77 | < 0.73 | 8,700 | No |
| n-Hexane | < 0.76 | < 0.78 | < 0.76 | < 0.79 | < 0.75 | 2,100 | No |
| 2-Hexanone | < 1.6 | < 1.6 | < 1.6 | < 1.6 | < 1.6 | 31[3] | No |
| 4-Methyl-2-pentanone | < 1.6 | < 1.6 | < 1.6 | < 1.6 | < 1.6 | 3,100[3] | No |
| Methyl tert-Butyl Ether | < 0.76 | < 0.78 | < 0.76 | < 0.79 | < 0.75 | 3,600 | No |
| Naphthalene | < 0.75 | < 0.77 | < 0.75 | < 0.77 | < 0.73 | 3.7 | No |
| n-Nonane | < 0.75 | < 0.77 | < 0.75 | < 0.77 | < 0.73 | 21[3] | No |
| Styrene | < 0.72 | < 0.74 | < 0.72 | < 0.75 | < 0.71 | 850 | No |
| 1,1,2,2-Tetrachloroethane | < 0.75 | < 0.77 | < 0.75 | < 0.77 | < 0.73 | 83[2] | No |
| Tetrachloroethene (PCE) | < 0.75 | < 0.77 | < 0.75 | < 0.77 | < 0.73 | 41 | No |
| Toluene | < 0.75 | < 0.77 | < 0.75 | < 0.77 | < 0.73 | 420 | No |
| 1,1,1-Trichloroethane (TCA) | < 0.75 | < 0.77 | < 0.75 | < 0.77 | < 0.73 | 3,800 | No |
| 1,1,2-Trichloroethane (Vinyl Chloroform) | < 0.078 | < 0.080 | < 0.078 | < 0.080 | < 0.076 | 11 | No |
| Trichloroethene (TCE) | < 0.75 | < 0.77 | < 0.75 | < 0.77 | < 0.73 | 2.2 | No |
| Trichlorofluoromethane (CFC 11) | 1.2 | 0.98 | 1.2 | 1.2 | 0.98 | 1,300[2] | No |
| Trichlorotrifluoroethane | < 0.78 | < 0.80 | < 0.78 | < 0.80 | < 0.76 | 5,200[3] | No |
| 1,2,4-Trimethylbenzene | < 0.75 | < 0.77 | < 0.75 | < 0.77 | < 0.73 | 63[3] | No |
| 1,3,5-Trimethylbenzene | < 0.75 | < 0.77 | < 0.75 | < 0.77 | < 0.73 | 63[3] | No |
| m,p-Xylenes | < 1.6 | < 1.6 | < 1.6 | < 1.6 | < 1.6 | 2,600 | No |
| o-Xylene | < 0.75 | < 0.77 | < 0.75 | < 0.77 | < 0.73 | 2,600 | No |
| Vinyl Acetate | < 7.2 | < 7.4 | < 7.2 | < 7.5 | < 7.1 | 35 | No |
| Vinyl Chloride | < 0.75 | < 0.77 | < 0.75 | < 0.77 | < 0.73 | 77 | No |

Notes:
"<" - Analyte not detected in sample above the method reporting limit or method detection limit (MDL) as applicable.
(1) CDC's Agency for Toxic Substances and Disease Registry's (ATSDR; April 2022) intermediate minimal risk level (MRL) or lower of chronic ATSDR MRL or chronic CalEPA Office of Environmental Health Hazard Assessment (OEHHA) Reference Exposure Level (REL) when intermediate value not available (unless otherwise noted).
A comparison criteria is a screening level considered to be health protective by state and federal regulatory agencies for airborne chemicals.
These levels have a built-in margin of safety; a short-term exposure above a screening level does not mean that adverse health effects will occur.
(2) Department of Toxic Substances Control (DTSC) HERO Note 3 residential screening level (noncancer-based) for air (June 2020) or Note 10 (February 2019).
(3) USEPA Regional Screening Level (noncancer-based) for residential air (May 2022).
Samples were not collected on 7/3-7/5/2022 due to holidays.

No concentrations exceeded health-based screening levels

**WEEKLY AIR MONITORING**
**SUMMARY OF LABORATORY DATA**
**7/3/2022-7/10/2022**
**FINAL REMEDY CONSTRUCTION**
**ASCON LANDFILL SITE**

| Target Chemicals | STATION ID | | | | | Comparison Criteria (µg/m$^3$)[1] | Detection Exceeds Comparison |
|---|---|---|---|---|---|---|---|
| | FR-AA-03 | | | | | | |
| | 7/5-7/6/2022 | 7/6-7/7/2022 | 7/7-7/8/2022 | 7/8-7/9/2022 | 7/9-7/10/2022 | | |
| | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | | |
| | Concentration (µg/m$^3$) | | | | | | |
| **Volatile Organic Compounds** | | | | | | | |
| Acetone | < 7.5 | < 6.9 | < 7.5 | < 7.5 | < 7.5 | 19,000 | No |
| Benzene | < 0.72 | < 0.67 | < 0.72 | < 0.73 | < 0.73 | 19 | No |
| 1,3-Butadiene | < 0.75 | < 0.69 | < 0.75 | < 0.75 | < 0.75 | 2.0 | No |
| 2-Butanone (MEK) | < 1.4 | < 1.3 | < 1.4 | < 1.5 | < 1.5 | 5,200[3] | No |
| Bromomethane | < 0.73 | < 0.68 | < 0.73 | < 0.74 | < 0.74 | 78 | No |
| Carbon Disulfide | < 1.6 | < 1.5 | < 1.6 | < 1.6 | < 1.6 | 800 | No |
| Carbon Tetrachloride | < 0.72 | < 0.67 | < 0.72 | < 0.73 | < 0.73 | 190 | No |
| Chloroethane (Ethyl Chloride) | < 0.73 | < 0.68 | < 0.73 | < 0.74 | < 0.74 | 30,000 | No |
| Chloroform | < 0.78 | < 0.72 | < 0.78 | < 0.78 | < 0.78 | 240 | No |
| Chloromethane | < 0.73 | < 0.68 | < 0.73 | < 0.74 | < 0.74 | 620 | No |
| cis-1,2-Dichloroethene | < 0.75 | < 0.69 | < 0.75 | < 0.75 | < 0.75 | 8.3[2] | No |
| Cumene (Isopropylbenzene) | < 0.75 | < 0.69 | < 0.75 | < 0.75 | < 0.75 | 420[3] | No |
| 1,4-Dichlorobenzene | < 0.75 | < 0.69 | < 0.75 | < 0.75 | < 0.75 | 1,200 | No |
| 1,1-Dichloroethene (1,1-DCE) | < 0.78 | < 0.72 | < 0.78 | < 0.78 | < 0.78 | 4 | No |
| Dichloromethane (Methylene Chloride) | < 0.75 | < 0.69 | < 0.75 | < 0.75 | < 0.75 | 1,000 | No |
| 1,2-Dichloropropane | < 0.72 | < 0.67 | < 0.72 | < 0.73 | < 0.73 | 9.2 | No |
| 1,4-Dioxane | < 0.75 | < 0.69 | < 0.75 | < 0.75 | < 0.75 | 720 | No |
| Ethylbenzene | < 0.75 | < 0.69 | < 0.75 | < 0.75 | < 0.75 | 8,700 | No |
| n-Hexane | < 0.76 | < 0.70 | < 0.76 | < 0.77 | < 0.77 | 2,100 | No |
| 2-Hexanone | < 1.6 | < 1.5 | < 1.6 | < 1.6 | < 1.6 | 31[3] | No |
| 4-Methyl-2-pentanone | < 1.6 | < 1.5 | < 1.6 | < 1.6 | < 1.6 | 3,100[3] | No |
| Methyl tert-Butyl Ether | < 0.76 | < 0.70 | < 0.76 | < 0.77 | < 0.77 | 3,600 | No |
| Naphthalene | < 0.75 | < 0.69 | < 0.75 | < 0.75 | < 0.75 | 3.7 | No |
| n-Nonane | < 0.75 | < 0.69 | < 0.75 | < 0.75 | < 0.75 | 21[3] | No |
| Styrene | < 0.72 | < 0.67 | < 0.72 | < 0.73 | < 0.73 | 850 | No |
| 1,1,2,2-Tetrachloroethane | < 0.75 | < 0.69 | < 0.75 | < 0.75 | < 0.75 | 83[2] | No |
| Tetrachloroethene (PCE) | < 0.75 | < 0.69 | < 0.75 | < 0.75 | < 0.75 | 41 | No |
| Toluene | < 0.75 | < 0.69 | < 0.75 | < 0.75 | < 0.75 | 420 | No |
| 1,1,1-Trichloroethane (TCA) | < 0.75 | < 0.69 | < 0.75 | < 0.75 | < 0.75 | 3,800 | No |
| 1,1,2-Trichloroethane (Vinyl Chloroform) | < 0.078 | < 0.072 | < 0.078 | < 0.078 | < 0.078 | 11 | No |
| Trichloroethene (TCE) | < 0.75 | < 0.69 | < 0.75 | < 0.75 | < 0.75 | 2.2 | No |
| Trichlorofluoromethane (CFC 11) | 1.2 | 1.0 | 1.2 | 1.1 | 0.99 | 1,300[2] | No |
| Trichlorotrifluoroethane | < 0.78 | < 0.72 | < 0.78 | < 0.78 | < 0.78 | 5,200[3] | No |
| 1,2,4-Trimethylbenzene | < 0.75 | < 0.69 | < 0.75 | < 0.75 | < 0.75 | 63[3] | No |
| 1,3,5-Trimethylbenzene | < 0.75 | < 0.69 | < 0.75 | < 0.75 | < 0.75 | 63[3] | No |
| m,p-Xylenes | < 1.6 | < 1.5 | < 1.6 | < 1.6 | < 1.6 | 2,600 | No |
| o-Xylene | < 0.75 | < 0.69 | < 0.75 | < 0.75 | < 0.75 | 2,600 | No |
| Vinyl Acetate | < 7.2 | < 6.7 | < 7.2 | < 7.3 | < 7.3 | 35 | No |
| Vinyl Chloride | < 0.75 | < 0.69 | < 0.75 | < 0.75 | < 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; April 2022) intermediate minimal risk level (MRL) or lower of chronic ATSDR MRL or chronic CalEPA Office of Environmental Health Hazard Assessment (OEHHA) Reference Exposure Level (REL) when intermediate value not available (unless otherwise noted).

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

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

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

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

Samples were not collected on 7/3-7/5/2022 due to holidays.

No concentrations exceeded health-based screening levels

**WEEKLY AIR MONITORING**
**SUMMARY OF LABORATORY DATA**
**7/3/2022-7/10/2022**
**FINAL REMEDY CONSTRUCTION**
**ASCON LANDFILL SITE**

| Target Chemicals | STATION ID | | | | | Comparison Criteria (µg/m$^3$)[1] | Detection Exceeds Comparison |
|---|---|---|---|---|---|---|---|
| | FR-AA-04 | | | | | | |
| | 7/5-7/6/2022 | 7/6-7/7/2022 | 7/7-7/8/2022 | 7/8-7/9/2022 | 7/9-7/10/2022 | | |
| | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | | |
| | Concentration (µg/m$^3$) | | | | | | |
| **Volatile Organic Compounds** | | | | | | | |
| Acetone | < 7.7 | < 7.3 | < 7.6 | < 7.4 | < 6.9 | 19,000 | No |
| Benzene | < 0.74 | < 0.71 | < 0.73 | < 0.71 | < 0.66 | 19 | No |
| 1,3-Butadiene | < 0.77 | < 0.73 | < 0.76 | < 0.74 | < 0.69 | 2.0 | No |
| 2-Butanone (MEK) | < 1.5 | < 1.4 | < 1.5 | < 1.4 | < 1.3 | 5,200[3] | No |
| Bromomethane | < 0.75 | < 0.72 | < 0.74 | < 0.72 | < 0.67 | 78 | No |
| Carbon Disulfide | < 1.6 | < 1.6 | < 1.6 | < 1.6 | < 1.5 | 800 | No |
| Carbon Tetrachloride | < 0.74 | < 0.71 | < 0.73 | < 0.71 | < 0.66 | 190 | No |
| Chloroethane (Ethyl Chloride) | < 0.75 | < 0.72 | < 0.74 | < 0.72 | < 0.67 | 30,000 | No |
| Chloroform | < 0.80 | < 0.76 | < 0.79 | < 0.77 | < 0.71 | 240 | No |
| Chloromethane | < 0.75 | < 0.72 | < 0.74 | < 0.72 | < 0.67 | 620 | No |
| cis-1,2-Dichloroethene | < 0.77 | < 0.73 | < 0.76 | < 0.74 | < 0.69 | 8.3[2] | No |
| Cumene (Isopropylbenzene) | < 0.77 | < 0.73 | < 0.76 | < 0.74 | < 0.69 | 420[3] | No |
| 1,4-Dichlorobenzene | < 0.77 | < 0.73 | < 0.76 | < 0.74 | < 0.69 | 1,200 | No |
| 1,1-Dichloroethene (1,1-DCE) | < 0.80 | < 0.76 | < 0.79 | < 0.77 | < 0.71 | 4 | No |
| Dichloromethane (Methylene Chloride) | < 0.77 | < 0.73 | < 0.76 | < 0.74 | < 0.69 | 1,000 | No |
| 1,2-Dichloropropane | < 0.74 | < 0.71 | < 0.73 | < 0.71 | < 0.66 | 9.2 | No |
| 1,4-Dioxane | < 0.77 | < 0.73 | < 0.76 | < 0.74 | < 0.69 | 720 | No |
| Ethylbenzene | < 0.77 | < 0.73 | < 0.76 | < 0.74 | < 0.69 | 8,700 | No |
| n-Hexane | < 0.78 | < 0.75 | < 0.77 | < 0.75 | < 0.70 | 2,100 | No |
| 2-Hexanone | < 1.6 | < 1.6 | < 1.6 | < 1.6 | < 1.5 | 31[3] | No |
| 4-Methyl-2-pentanone | < 1.6 | < 1.6 | < 1.6 | < 1.6 | < 1.5 | 3,100[3] | No |
| Methyl tert-Butyl Ether | < 0.78 | < 0.75 | < 0.77 | < 0.75 | < 0.70 | 3,600 | No |
| Naphthalene | < 0.77 | < 0.73 | < 0.76 | < 0.74 | < 0.69 | 3.7 | No |
| n-Nonane | < 0.77 | < 0.73 | < 0.76 | < 0.74 | < 0.69 | 21[3] | No |
| Styrene | < 0.74 | < 0.71 | < 0.73 | < 0.71 | < 0.66 | 850 | No |
| 1,1,2,2-Tetrachloroethane | < 0.77 | < 0.73 | < 0.76 | < 0.74 | < 0.69 | 83[2] | No |
| Tetrachloroethene (PCE) | < 0.77 | < 0.73 | < 0.76 | < 0.74 | < 0.69 | 41 | No |
| Toluene | < 0.77 | < 0.73 | < 0.76 | < 0.74 | < 0.69 | 420 | No |
| 1,1,1-Trichloroethane (TCA) | < 0.77 | < 0.73 | < 0.76 | < 0.74 | < 0.69 | 3,800 | No |
| 1,1,2-Trichloroethane (Vinyl Chloroform) | < 0.080 | < 0.076 | < 0.079 | < 0.077 | < 0.071 | 11 | No |
| Trichloroethene (TCE) | < 0.77 | < 0.73 | < 0.76 | < 0.74 | < 0.69 | 2.2 | No |
| Trichlorofluoromethane (CFC 11) | 1.2 | 1.0 | 1.2 | 1.1 | 0.98 | 1,300[2] | No |
| Trichlorotrifluoroethane | < 0.80 | < 0.76 | < 0.79 | < 0.77 | < 0.71 | 5,200[3] | No |
| 1,2,4-Trimethylbenzene | < 0.77 | < 0.73 | < 0.76 | < 0.74 | < 0.69 | 63[3] | No |
| 1,3,5-Trimethylbenzene | < 0.77 | < 0.73 | < 0.76 | < 0.74 | < 0.69 | 63[3] | No |
| m,p-Xylenes | < 1.6 | < 1.6 | < 1.6 | < 1.6 | < 1.5 | 2,600 | No |
| o-Xylene | < 0.77 | < 0.73 | < 0.76 | < 0.74 | < 0.69 | 2,600 | No |
| Vinyl Acetate | < 7.4 | < 7.1 | < 7.3 | < 7.1 | < 6.6 | 35 | No |
| Vinyl Chloride | < 0.77 | < 0.73 | < 0.76 | < 0.74 | < 0.69 | 77 | No |

Notes:
"<" - Analyte not detected in sample above the method reporting limit or method detection limit (MDL) as applicable.
(1) CDC's Agency for Toxic Substances and Disease Registry's (ATSDR; April 2022) intermediate minimal risk level (MRL) or lower of chronic ATSDR MRL or chronic CalEPA Office of Environmental Health Hazard Assessment (OEHHA) Reference Exposure Level (REL) when intermediate value not available (unless otherwise noted).
A comparison criteria is a screening level considered to be health protective by state and federal regulatory agencies for airborne chemicals.
These levels have a built-in margin of safety; a short-term exposure above a screening level does not mean that adverse health effects will occur.
(2) Department of Toxic Substances Control (DTSC) HERO Note 3 residential screening level (noncancer-based) for air (June 2020) or Note 10 (February 2019).
(3) USEPA Regional Screening Level (noncancer-based) for residential air (May 2022).
Samples were not collected on 7/3-7/5/2022 due to holidays.

No concentrations exceeded health-based screening levels

**WEEKLY AIR MONITORING**
**SUMMARY OF LABORATORY DATA**
**7/3/2022-7/10/2022**
**FINAL REMEDY CONSTRUCTION**
**ASCON LANDFILL SITE**

| Target Chemicals | STATION ID | | | | | Comparison Criteria (µg/m$^3$)[1] | Detection Exceeds Comparison |
|---|---|---|---|---|---|---|---|
| | FR-AA-05 | | | | | | |
| | 7/5-7/6/2022 | 7/6-7/7/2022 | 7/7-7/8/2022 | 7/8-7/9/2022 | 7/9-7/10/2022 | | |
| | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | | |
| | Concentration (µg/m$^3$) | | | | | | |
| **Volatile Organic Compounds** | | | | | | | |
| Acetone | < 7.2 | < 7.2 | < 7.6 | < 7.3 | < 7.2 | 19,000 | No |
| Benzene | < 0.69 | < 0.69 | < 0.74 | < 0.71 | < 0.69 | 19 | No |
| 1,3-Butadiene | < 0.72 | < 0.72 | < 0.76 | < 0.73 | < 0.72 | 2.0 | No |
| 2-Butanone (MEK) | < 1.4 | < 1.4 | < 1.5 | < 1.4 | < 1.4 | 5,200[3] | No |
| Bromomethane | < 0.70 | < 0.70 | < 0.75 | < 0.72 | < 0.70 | 78 | No |
| Carbon Disulfide | < 1.5 | < 1.5 | < 1.6 | < 1.6 | < 1.5 | 800 | No |
| Carbon Tetrachloride | < 0.69 | < 0.69 | < 0.74 | < 0.71 | < 0.69 | 190 | No |
| Chloroethane (Ethyl Chloride) | < 0.70 | < 0.70 | < 0.75 | < 0.72 | < 0.70 | 30,000 | No |
| Chloroform | < 0.75 | < 0.75 | < 0.79 | < 0.76 | < 0.75 | 240 | No |
| Chloromethane | < 0.70 | < 0.70 | < 0.75 | < 0.72 | < 0.70 | 620 | No |
| cis-1,2-Dichloroethene | < 0.72 | < 0.72 | < 0.76 | < 0.73 | < 0.72 | 8.3[2] | No |
| Cumene (Isopropylbenzene) | < 0.72 | < 0.72 | < 0.76 | < 0.73 | < 0.72 | 420[3] | No |
| 1,4-Dichlorobenzene | < 0.72 | < 0.72 | < 0.76 | < 0.73 | < 0.72 | 1,200 | No |
| 1,1-Dichloroethene (1,1-DCE) | < 0.75 | < 0.75 | < 0.79 | < 0.76 | < 0.75 | 4 | No |
| Dichloromethane (Methylene Chloride) | < 0.72 | < 0.72 | < 0.76 | < 0.73 | < 0.72 | 1,000 | No |
| 1,2-Dichloropropane | < 0.69 | < 0.69 | < 0.74 | < 0.71 | < 0.69 | 9.2 | No |
| 1,4-Dioxane | < 0.72 | < 0.72 | < 0.76 | < 0.73 | < 0.72 | 720 | No |
| Ethylbenzene | < 0.72 | < 0.72 | < 0.76 | < 0.73 | < 0.72 | 8,700 | No |
| n-Hexane | < 0.73 | < 0.73 | < 0.78 | < 0.75 | < 0.73 | 2,100 | No |
| 2-Hexanone | < 1.5 | < 1.5 | < 1.6 | < 1.6 | < 1.5 | 31[3] | No |
| 4-Methyl-2-pentanone | < 1.5 | < 1.5 | < 1.6 | < 1.6 | < 1.5 | 3,100[3] | No |
| Methyl tert-Butyl Ether | < 0.73 | < 0.73 | < 0.78 | < 0.75 | < 0.73 | 3,600 | No |
| Naphthalene | < 0.72 | < 0.72 | < 0.76 | < 0.73 | < 0.72 | 3.7 | No |
| n-Nonane | < 0.72 | < 0.72 | < 0.76 | < 0.73 | < 0.72 | 21[3] | No |
| Styrene | < 0.69 | < 0.69 | < 0.74 | < 0.71 | < 0.69 | 850 | No |
| 1,1,2,2-Tetrachloroethane | < 0.72 | < 0.72 | < 0.76 | < 0.73 | < 0.72 | 83[2] | No |
| Tetrachloroethene (PCE) | < 0.72 | < 0.72 | < 0.76 | < 0.73 | < 0.72 | 41 | No |
| Toluene | < 0.72 | < 0.72 | < 0.76 | < 0.73 | < 0.72 | 420 | No |
| 1,1,1-Trichloroethane (TCA) | < 0.72 | < 0.72 | < 0.76 | < 0.73 | < 0.72 | 3,800 | No |
| 1,1,2-Trichloroethane (Vinyl Chloroform) | < 0.075 | < 0.075 | < 0.079 | < 0.076 | < 0.075 | 11 | No |
| Trichloroethene (TCE) | < 0.72 | < 0.72 | < 0.76 | < 0.73 | < 0.72 | 2.2 | No |
| Trichlorofluoromethane (CFC 11) | 1.2 | 1.0 | 1.2 | 1.1 | 0.98 | 1,300[2] | No |
| Trichlorotrifluoroethane | < 0.75 | < 0.75 | < 0.79 | < 0.76 | < 0.75 | 5,200[3] | No |
| 1,2,4-Trimethylbenzene | < 0.72 | < 0.72 | < 0.76 | < 0.73 | < 0.72 | 63[3] | No |
| 1,3,5-Trimethylbenzene | < 0.72 | < 0.72 | < 0.76 | < 0.73 | < 0.72 | 63[3] | No |
| m,p-Xylenes | < 1.5 | < 1.5 | < 1.6 | < 1.6 | < 1.5 | 2,600 | No |
| o-Xylene | < 0.72 | < 0.72 | < 0.76 | < 0.73 | < 0.72 | 2,600 | No |
| Vinyl Acetate | < 6.9 | < 6.9 | < 7.4 | < 7.1 | < 6.9 | 35 | No |
| Vinyl Chloride | < 0.72 | < 0.72 | < 0.76 | < 0.73 | < 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; April 2022) intermediate minimal risk level (MRL) or lower of chronic ATSDR MRL or chronic CalEPA Office of Environmental Health Hazard Assessment (OEHHA) Reference Exposure Level (REL) when intermediate value not available (unless otherwise noted).

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

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

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

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

Samples were not collected on 7/3-7/5/2022 due to holidays.

No concentrations exceeded health-based screening levels

**WEEKLY AIR MONITORING**
**SUMMARY OF LABORATORY DATA**
**7/3/2022-7/10/2022**
**FINAL REMEDY CONSTRUCTION**
**ASCON LANDFILL SITE**

| Target Chemicals | STATION ID | | | | | Comparison Criteria (µg/m$^3$)[1] | Detection Exceeds Comparison |
|---|---|---|---|---|---|---|---|
| | FR-AA-06 | | | | | | |
| | 7/5-7/6/2022 | 7/6-7/7/2022 | 7/7-7/8/2022 | 7/8-7/9/2022 | 7/9-7/10/2022 | | |
| | 24 Hours | 24 Hours | 24 Hours | 24 Hours | 24 Hours | | |
| | Concentration (µg/m$^3$) | | | | | | |
| **Volatile Organic Compounds** | | | | | | | |
| Acetone | < 7.6 | < 7.2 | < 7.2 | < 7.7 | < 6.9 | 19,000 | No |
| Benzene | < 0.74 | < 0.69 | < 0.70 | < 0.74 | < 0.67 | 19 | No |
| 1,3-Butadiene | < 0.76 | < 0.72 | < 0.72 | < 0.77 | < 0.69 | 2.0 | No |
| 2-Butanone (MEK) | < 1.5 | < 1.4 | < 1.4 | < 1.5 | < 1.3 | 5,200[3] | No |
| Bromomethane | < 0.75 | < 0.70 | < 0.71 | < 0.75 | < 0.68 | 78 | No |
| Carbon Disulfide | < 1.6 | < 1.5 | < 1.5 | < 1.6 | < 1.5 | 800 | No |
| Carbon Tetrachloride | < 0.74 | < 0.69 | < 0.70 | < 0.74 | < 0.67 | 190 | No |
| Chloroethane (Ethyl Chloride) | < 0.75 | < 0.70 | < 0.71 | < 0.75 | < 0.68 | 30,000 | No |
| Chloroform | < 0.79 | < 0.75 | < 0.75 | < 0.80 | < 0.72 | 240 | No |
| Chloromethane | < 0.75 | < 0.70 | < 0.71 | < 0.75 | < 0.68 | 620 | No |
| cis-1,2-Dichloroethene | < 0.76 | < 0.72 | < 0.72 | < 0.77 | < 0.69 | 8.3[2] | No |
| Cumene (Isopropylbenzene) | < 0.76 | < 0.72 | < 0.72 | < 0.77 | < 0.69 | 420[3] | No |
| 1,4-Dichlorobenzene | < 0.76 | < 0.72 | < 0.72 | < 0.77 | < 0.69 | 1,200 | No |
| 1,1-Dichloroethene (1,1-DCE) | < 0.79 | < 0.75 | < 0.75 | < 0.80 | < 0.72 | 4 | No |
| Dichloromethane (Methylene Chloride) | < 0.76 | < 0.72 | < 0.72 | < 0.77 | < 0.69 | 1,000 | No |
| 1,2-Dichloropropane | < 0.74 | < 0.69 | < 0.70 | < 0.74 | < 0.67 | 9.2 | No |
| 1,4-Dioxane | < 0.76 | < 0.72 | < 0.72 | < 0.77 | < 0.69 | 720 | No |
| Ethylbenzene | < 0.76 | < 0.72 | < 0.72 | < 0.77 | < 0.69 | 8,700 | No |
| n-Hexane | < 0.78 | < 0.73 | < 0.74 | < 0.78 | < 0.70 | 2,100 | No |
| 2-Hexanone | < 1.6 | < 1.5 | < 1.5 | < 1.6 | < 1.5 | 31[3] | No |
| 4-Methyl-2-pentanone | < 1.6 | < 1.5 | < 1.5 | < 1.6 | < 1.5 | 3,100[3] | No |
| Methyl tert-Butyl Ether | < 0.78 | < 0.73 | < 0.74 | < 0.78 | < 0.70 | 3,600 | No |
| Naphthalene | < 0.76 | < 0.72 | < 0.72 | < 0.77 | < 0.69 | 3.7 | No |
| n-Nonane | < 0.76 | < 0.72 | < 0.72 | < 0.77 | < 0.69 | 21[3] | No |
| Styrene | < 0.74 | < 0.69 | < 0.70 | < 0.74 | < 0.67 | 850 | No |
| 1,1,2,2-Tetrachloroethane | < 0.76 | < 0.72 | < 0.72 | < 0.77 | < 0.69 | 83[2] | No |
| Tetrachloroethene (PCE) | < 0.76 | < 0.72 | < 0.72 | < 0.77 | < 0.69 | 41 | No |
| Toluene | < 0.76 | < 0.72 | < 0.72 | < 0.77 | < 0.69 | 420 | No |
| 1,1,1-Trichloroethane (TCA) | < 0.76 | < 0.72 | < 0.72 | < 0.77 | < 0.69 | 3,800 | No |
| 1,1,2-Trichloroethane (Vinyl Chloroform) | < 0.079 | < 0.075 | < 0.075 | < 0.080 | < 0.072 | 11 | No |
| Trichloroethene (TCE) | < 0.76 | < 0.72 | < 0.72 | < 0.77 | < 0.69 | 2.2 | No |
| Trichlorofluoromethane (CFC 11) | 1.2 | 1.0 | 1.2 | 1.2 | 1.0 | 1,300[2] | No |
| Trichlorotrifluoroethane | < 0.79 | < 0.75 | < 0.75 | < 0.80 | < 0.72 | 5,200[3] | No |
| 1,2,4-Trimethylbenzene | < 0.76 | < 0.72 | < 0.72 | < 0.77 | < 0.69 | 63[3] | No |
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| m,p-Xylenes | < 1.6 | < 1.5 | < 1.5 | < 1.6 | < 1.5 | 2,600 | No |
| o-Xylene | < 0.76 | < 0.72 | < 0.72 | < 0.77 | < 0.69 | 2,600 | No |
| Vinyl Acetate | < 7.4 | < 6.9 | < 7.0 | < 7.4 | < 6.7 | 35 | No |
| Vinyl Chloride | < 0.76 | < 0.72 | < 0.72 | < 0.77 | < 0.69 | 77 | No |

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