

Detroit South Ambient Air Monitoring Data

April-24

Summary

The ambient air monitoring program collects outdoor air samples around the perimeter of the facility to assess onsite and off site conditions. Data collected is used to track trends in the air quality.

No exceedances occurred in the month of April. All required samples were collected and analyzed according to permit procedures.

Monitoring Results

All data is reported in ug/M³.

| Sample Date | Station 1 4/12/2024 | Station 2 4/12/2024 | Station 3 4/12/2024 |
|-----------------------------------|------------------------|------------------------|------------------------|
| Metals | | | |
| Lead | 0.004 | 0.006 | 0.004 |
| Cadmium | <0.005 | <0.005 | <0.005 |
| Chromium | 0.003 | 0.004 | 0.003 |
| Zinc | 0.023 | 0.041 | 0.023 |
| Particulates | | | |
| Total Suspended Particulate | 10.232 | 17.368 | 10.232 |
| Volatile Organic Compounds | | | |
| 1,1,2,2- Tetrachlorethane | <0.100 | <0.01 | <0.100 |
| 1,1,2-Trichlorethane | <0.100 | <0.01 | <0.100 |
| Benzene | 0.339 | 0.232 | 0.339 |
| Carbon Tetrachloride | 0.431 | 0.288 | 0.431 |
| Chloroform | 0.086 | 0.066 | 0.086 |
| Ethylbenzene | 0.068 | 0.090 | 0.068 |
| Xylene | 0.285 | 0.382 | 0.285 |
| methylene chloride | 0.232 | 0.188 | 0.232 |
| Tetrachloroethene | 0.062 | 0.075 | 0.062 |
| Toluene | 0.309 | 0.512 | 0.309 |
| Trichloroethene | <0.100 | <0.100 | <0.100 |
| 1,1-Dichloroethane | <0.100 | <0.100 | <0.100 |

