

Detroit South Ambient Air Monitoring Data March-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 March. All required samples were collected and analyzed according to permit procedures.

Monitoring Results

All data is reported in ug/M³.

Sample Date	Station 1 3/19/2024	Station 2 3/19/2024	Station 3 3/19/2024
<i>Metals</i>			
Lead	0.005	0.010	0.005
Cadmium	<0.005	<0.005	<0.005
Chromium	0.005	0.007	0.005
Zinc	0.037	0.058	0.037
<i>Particulates</i>			
Total Suspended Particulate	39.402	63.489	39.402
<i>Volatile Organic Compounds</i>			
1,1,2,2- Tetrachlorethane	<0.100	<0.01	<0.100
1,1,2-Trichlorethane	<0.100	<0.01	<0.100
Benzene	0.393	0.284	0.393
Carbon Tetrachloride	0.340	0.270	0.340
Chloroform	0.073	0.085	0.073
Ethylbenzene	0.079	0.099	0.079
Xylene	0.340	0.427	0.340
methylene chloride	0.330	0.422	0.330
Tetrachloroethene	0.196	0.232	0.196
Toluene	0.329	0.578	0.329
Trichloroethene	<0.100	<0.100	<0.100
1,1-Dichloroethane	<0.100	<0.100	<0.100

