

Detroit South Ambient Air Monitoring Data

January-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 January. All required samples were collected and analyzed according to permit procedures.

Monitoring Results *All data is reported in ug/M³.*

Sample Date	Station 1 1/19/2024	Station 2 1/19/2024	Station 3 1/19/2024
<i>Metals</i>			
Lead	0.002	0.003	0.002
Cadmium	<0.005	<0.005	<0.005
Chromium	0.004	0.006	0.004
Zinc	0.218	0.078	0.218
<i>Particulates</i>			
Total Suspended Particulate	19.422	21.937	19.422
<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	0.612	0.441	0.612
Carbon Tetrachloride	0.477	0.390	0.477
Chloroform	0.085	0.060	0.085
Ethylbenzene	0.181	0.123	0.181
Xylene	0.765	0.559	0.765
methylene chloride	0.513	0.420	0.513
Tetrachloroethene	0.093	0.041	0.093
Toluene	0.804	0.690	0.804
Trichloroethene	<0.100	<0.100	<0.100
1,1-Dichloroethane	<0.100	<0.100	<0.100

