

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

### Monitoring Results

*All data is reported in ug/M<sup>3</sup>.*

Sample Date	<b>Station 1</b> 2/12/2024	<b>Station 2</b> 2/12/2024	<b>Station 3</b> 2/12/2024
<b><i>Metals</i></b>			
Lead	0.009	0.014	0.009
Cadmium	<0.005	<0.005	<0.005
Chromium	0.007	0.010	0.007
Zinc	0.082	0.111	0.082
<b><i>Particulates</i></b>			
Total Suspended Particulate	48.380	98.887	48.380
<b><i>Volatile Organic Compounds</i></b>			
1,1,2,2- Tetrachlorethane	<0.100	<0.01	<0.100
1,1,2-Trichlorethane	<0.100	<0.01	<0.100
Benzene	0.760	0.628	0.760
Carbon Tetrachloride	0.419	0.313	0.419
Chloroform	0.095	0.080	0.095
Ethylbenzene	0.196	0.179	0.196
Xylene	0.747	0.729	0.747
methylene chloride	0.159	0.212	0.159
Tetrachloroethene	0.108	0.108	0.108
Toluene	0.892	1.047	0.892
Trichloroethene	<0.100	<0.100	<0.100
1,1-Dichloroethane	<0.100	<0.100	<0.100

