

Detroit South Ambient Air Monitoring Data

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

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

Sample Date	Station 1 5/18/2024	Station 2 5/18/2024	Station 3 5/18/2024
<i>Metals</i>			
Lead	0.004	0.007	0.007
Cadmium	<0.005	<0.005	<0.005
Chromium	0.004	0.005	0.005
Zinc	0.031	0.057	0.038
<i>Particulates</i>			
Total Suspended Particulate	22.971	28.518	33.426
<i>Volatile Organic Compounds</i>			
	0.000	0.000	0.000
1,1,2,2- Tetrachlorethane	<0.100	<0.01	<0.01
1,1,2-Trichlorethane	<0.100	<0.01	<0.01
Benzene	0.368	0.313	0.461
Carbon Tetrachloride	0.330	0.165	0.200
Chloroform	0.091	0.060	0.124
Ethylbenzene	0.141	0.131	0.230
Xylene	0.536	0.565	0.944
methylene chloride	0.084	0.073	0.171
Tetrachloroethene	0.076	0.130	0.138
Toluene	0.696	0.787	1.121
Trichloroethene	<0.100	<0.100	<0.100
1,1-Dichloroethane	<0.100	<0.100	<0.100

