Detroit South Ambient Air Monitoring Data

April-26

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/M^3.

	Station 1					Station 2					Station 3						Station 4A					Station 4B				
Sample Date	4/2	4/8	4/14	4/20	4/26	4/2	4/8	4/14	4/20	4/26	4/2	4/8	4/14	4/20	4/26	4/29	4/2	4/8	4/14	4/20	4/26	4/2	4/8	4/14	4/20	4/26
Metals																										
Lead	0.003	0.003	0.004	0.013	ND	ND	0.005	0.006	0.025	0.034	ND	0.007	0.011	0.023	0.001	-	ND	0.003	0.004	0.012	0.001	ND	0.038	0.003	0.015	0.001
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	-	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND
Chromium	0.009	0.003	0.004	0.005	ND	0.003	0.012	0.006	0.010	0.004	0.003	0.011	0.006	0.008	ND	-	0.005	0.004	0.005	0.005	ND	0.006	0.006	0.004	0.007	ND
Zinc	0.022	0.030	0.054	0.062	0.019	0.027	0.043	0.077	0.125	0.007	0.026	0.066	0.071	0.128	0.008	-	0.023	0.026	0.062	0.051	0.011	0.021	0.037	0.051	0.018	0.010
Particulates																										
Total Suspended Particulate	14.83	17.39	35.84	32.10	16.20	15.92	37.04	60.08	92.48	40.94	25.37	81.43	80.63	89.20	12.44	-	15.74	19.85	54.09	56.58	8.83	14.86	25.44	47.51	21.60	7.27
Volatile Organic Compounds																										
1,1,2,2- Tetrachlorethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND										
1,1,2-Trichlorethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND										
Benzene	0.451	0.462	0.219	0.323	0.344	ND	ND	0.062	ND	0.130	0.304	0.476	0.565	NA	0.384	0.352										
Carbon Tetrachloride	0.507	0.413	0.154	0.438	0.605	ND	ND	ND	ND	0.081	0.454	0.506	0.368	NA	0.555	0.354										
Chloroform	ND	0.074	0.041	0.056	0.093	ND	ND	ND	ND	ND	0.098	0.101	0.100	NA	0.119	0.044										
Ethylbenzene	0.087	0.065	0.134	0.164	0.107	ND	ND	ND	ND	0.042	0.107	0.088	0.175	NA	0.202	0.150										
Xylene	0.327	0.268	0.548	0.631	0.432	ND	ND	ND	ND	0.184	0.425	0.356	0.659	NA	0.841	0.681										
Methylene Chloride	ND	0.281	ND	0.302	0.087	ND	ND	ND	ND	ND	ND	0.342	ND	NA	0.078	ND										
Tetrachloroethene	0.076	0.059	0.073	0.175	0.093	ND	ND	ND	ND	ND	0.068	0.064	0.076	NA	0.091	0.081										
Toluene	0.539	0.352	0.580	0.867	0.566	ND	ND	0.043	ND	0.233	0.788	0.516	0.710	NA	1.681	1.122										
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND										
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND										

Station is currently being validated for VOC

Key

ND = Non-detect

NA = Not anaylzed

