REPUBLIC SERVICES

Sustainability in Action

Wayne Disposal, Inc.
Part 111 - Ambient Air Monitoring
Monthly Sampling
August

			Air Monitors	82975-5		
			Sampling Date	8/5/2025	8/17/2025	8/29/2025
Parameter	**Daily Maximum**	**Average Monthly**	**Units**			
Lead	0.012	0.006	ug/M^3	0.012	0.003	0.003
Cadmium	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
Chromium	0.005	0.004	ug/M^3	0.005	0.004	0.004
Total Suspended Particulate	81.419	37.840	ug/M^3	81.419	27.358	4.744
1,1,1-Trichloroethane	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
Benzene	0.982	0.593	ug/M^3	0.982	0.459	0.338
Carbon Tetrachloride	0.272	0.245	ug/M^3	0.225	0.238	0.272
Chloroform	0.082	0.072	ug/M^3	0.082	0.066	0.067
Ethylbenzene	0.279	0.127	ug/M^3	0.279	0.050	0.052
Xylene	0.837	0.414	ug/M^3	0.837	0.189	0.216
Methylene Chloride	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
Tetrachloroethene	0.080	0.080	ug/M^3	0.080	<DL	<DL
Toluene	1.279	0.659	ug/M^3	1.279	0.366	0.331
Trichloroethene	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
Total PCB	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
1,4-Dichlorobenzene	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
1,1-Dichloroethane	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL

DL = Detection Limit

			Air Monitors	82981-6		
			Sampling Date	8/5/2025	8/17/2025	8/29/2025
Parameter	**Daily Maximum**	**Average Monthly**	**Units**			
Lead	0.028	0.016	ug/M^3	0.028	<DL	0.003
Cadmium	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
Chromium	0.005	0.004	ug/M^3	0.005	0.003	0.004
Total Suspended Particulate	63.281	25.403	ug/M^3	63.281	7.678	5.249
1,1,1-Trichloroethane	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
Benzene	0.900	0.471	ug/M^3	0.900	0.298	0.215
Carbon Tetrachloride	0.186	0.148	ug/M^3	0.186	0.081	0.179
Chloroform	0.091	0.075	ug/M^3	0.091	0.090	0.043
Ethylbenzene	0.210	0.118	ug/M^3	0.210	0.087	0.057
Xylene	0.797	0.439	ug/M^3	0.797	0.318	0.202
Methylene Chloride	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
Tetrachloroethene	0.085	0.085	ug/M^3	0.085	<DL	<DL
Toluene	1.219	0.731	ug/M^3	1.219	0.485	0.487
Trichloroethene	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
Total PCB	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
1,4-Dichlorobenzene	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
1,1-Dichloroethane	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL

DL = Detection Limit

			Air Monitors	82977-7		
			Sampling Date	8/5/2025	8/17/2025	8/29/2025
Parameter	**Daily Maximum**	**Average Monthly**	**Units**			
Lead	0.005	0.004	ug/M^3	0.005	0.003	0.003
Cadmium	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
Chromium	0.004	0.004	ug/M^3	0.004	0.003	0.004
Total Suspended Particulate	47.139	20.559	ug/M^3	47.139	7.473	7.065
1,1,1-Trichloroethane	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
Benzene	0.943	0.462	ug/M^3	0.943	0.263	0.181
Carbon Tetrachloride	0.382	0.264	ug/M^3	0.270	0.140	0.382
Chloroform	0.104	0.084	ug/M^3	0.104	0.065	0.084
Ethylbenzene	0.213	0.140	ug/M^3	0.213	0.088	0.118
Xylene	0.797	0.457	ug/M^3	0.797	0.243	0.332
Methylene Chloride	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
Tetrachloroethene	0.214	0.155	ug/M^3	0.214	0.140	0.110
Toluene	1.075	0.658	ug/M^3	1.075	0.484	0.415
Trichloroethene	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
Total PCB	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
1,4-Dichlorobenzene	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
1,1-Dichloroethane	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL

DL = Detection Limit

			Air Monitors	82982-8		
			Sampling Date	8/5/2025	8/17/2025	8/29/2025
Parameter	**Daily Maximum**	**Average Monthly**	**Units**			
Lead	0.016	0.009	ug/M^3	0.008	0.003	0.016
Cadmium	0.011	0.011	ug/M^3	<DL	<DL	0.011
Chromium	0.013	0.008	ug/M^3	0.007	0.004	0.013
Total Suspended Particulate	55.890	25.642	ug/M^3	55.890	6.142	14.895
1,1,1-Trichloroethane	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
Benzene	0.831	0.423	ug/M^3	0.831	0.230	0.208
Carbon Tetrachloride	0.345	0.303	ug/M^3	0.330	0.234	0.345
Chloroform	0.109	0.092	ug/M^3	0.109	0.096	0.072
Ethylbenzene	0.244	0.142	ug/M^3	0.244	0.099	0.083
Xylene	1.094	0.662	ug/M^3	1.094	0.518	0.375
Methylene Chloride	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
Tetrachloroethene	0.089	0.074	ug/M^3	0.089	<DL	0.059
Toluene	1.032	0.554	ug/M^3	1.032	0.315	0.315
Trichloroethene	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
Total PCB	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
1,4-Dichlorobenzene	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
1,1-Dichloroethane	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL

DL = Detection Limit

			Air Monitors	82983-9A		
			Sampling Date	8/5/2025	8/17/2025	8/29/2025
Parameter	**Daily Maximum**	**Average Monthly**	**Units**			
Lead	0.009	0.007	ug/M^3	0.009	<DL	0.005
Cadmium	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
Chromium	0.004	0.004	ug/M^3	0.004	0.003	0.004
Total Suspended Particulate	74.548	27.251	ug/M^3	74.548	4.124	3.081
1,1,1-Trichloroethane	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
Benzene	0.955	0.483	ug/M^3	0.955	0.305	0.190
Carbon Tetrachloride	0.402	0.293	ug/M^3	<DL	0.185	0.402
Chloroform	0.085	0.074	ug/M^3	<DL	0.063	0.085
Ethylbenzene	0.172	0.109	ug/M^3	0.172	0.089	0.066
Xylene	0.673	0.397	ug/M^3	0.673	0.295	0.223
Methylene Chloride	0.073	0.073	ug/M^3	<DL	<DL	0.073
Tetrachloroethene	0.069	0.069	ug/M^3	0.069	<DL	<DL
Toluene	0.836	0.528	ug/M^3	0.836	0.397	0.350
Trichloroethene	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
Total PCB	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
1,4-Dichlorobenzene	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
1,1-Dichloroethane	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL

DL = Detection Limit

			Air Monitors	82983-9B		
			Sampling Date	8/5/2025	8/17/2025	8/29/2025
Parameter	**Daily Maximum**	**Average Monthly**	**Units**			
Lead	0.010	0.007	ug/M^3	0.010	<DL	0.005
Cadmium	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
Chromium	0.005	0.004	ug/M^3	0.005	0.004	0.004
Total Suspended Particulate	72.757	26.838	ug/M^3	72.757	4.959	2.797
1,1,1-Trichloroethane	0.000	#DIV/0!	ug/M^3	<DL	◊	<DL
Benzene	0.471	0.332	ug/M^3	0.471	◊	0.193
Carbon Tetrachloride	0.223	0.191	ug/M^3	0.159	◊	0.223
Chloroform	0.059	0.055	ug/M^3	0.059	◊	0.051
Ethylbenzene	0.105	0.071	ug/M^3	0.105	◊	0.038
Xylene	0.436	0.292	ug/M^3	0.436	◊	0.148
Methylene Chloride	0.081	0.081	ug/M^3	0.081	◊	<DL
Tetrachloroethene	0.042	0.042	ug/M^3	0.042	◊	<DL
Toluene	0.767	0.545	ug/M^3	0.767	◊	0.323
Trichloroethene	0.000	#DIV/0!	ug/M^3	<DL	◊	<DL
Total PCB	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
1,4-Dichlorobenzene	0.000	#DIV/0!	ug/M^3	<DL	◊	<DL
1,1-Dichloroethane	0.000	#DIV/0!	ug/M^3	<DL	◊	<DL

◊Unsuccessful attempt in obtaining proper results in the laboratory due to unforeseen circumstances

DL = Detection Limit

			Air Monitors	82984-10		
			Sampling Date	8/5/2025	8/17/2025	8/29/2025
Parameter	**Daily Maximum**	**Average Monthly**	**Units**			
Lead	0.008	0.005	ug/M^3	0.008	0.003	0.003
Cadmium	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
Chromium	0.006	0.005	ug/M^3	0.006	0.004	0.004
Total Suspended Particulate	58.720	23.657	ug/M^3	58.720	5.782	6.468
1,1,1-Trichloroethane	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
Benzene	0.979	0.477	ug/M^3	0.979	0.280	0.172
Carbon Tetrachloride	0.374	0.251	ug/M^3	0.271	0.107	0.374
Chloroform	0.107	0.084	ug/M^3	0.107	0.071	0.075
Ethylbenzene	0.236	0.127	ug/M^3	0.236	0.093	0.054
Xylene	0.895	0.520	ug/M^3	0.895	0.414	0.252
Methylene Chloride	0.085	0.085	ug/M^3	0.085	<DL	<DL
Tetrachloroethene	0.096	0.096	ug/M^3	0.096	<DL	<DL
Toluene	1.042	0.557	ug/M^3	1.042	0.401	0.230
Trichloroethene	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
Total PCB	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
1,4-Dichlorobenzene	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
1,1-Dichloroethane	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL

DL = Detection Limit

			Air Monitors	82989-11		
			Sampling Date	8/5/2025	8/17/2025	8/29/2025
Parameter	**Daily Maximum**	**Average Monthly**	**Units**			
Lead	0.012	0.008	ug/M^3	0.012	0.010	0.003
Cadmium	0.025	0.025	ug/M^3	0.025	<DL	<DL
Chromium	0.009	0.005	ug/M^3	0.009	0.003	0.004
Total Suspended Particulate	56.736	22.048	ug/M^3	56.736	5.930	3.479
1,1,1-Trichloroethane	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
Benzene	5.313	3.845	ug/M^3	1.961	5.313	4.262
Carbon Tetrachloride	0.111	0.096	ug/M^3	0.085	0.092	0.111
Chloroform	0.077	0.057	ug/M^3	0.077	0.055	0.038
Ethylbenzene	17.021	12.724	ug/M^3	8.838	17.021	12.314
Xylene	24.395	19.075	ug/M^3	14.154	24.395	18.676
Methylene Chloride	0.141	0.126	ug/M^3	0.121	0.115	0.141
Tetrachloroethene	0.051	0.043	ug/M^3	0.051	0.036	<DL
Toluene	2.660	2.313	ug/M^3	1.705	2.660	2.572
Trichloroethene	1.488	1.048	ug/M^3	0.493	1.488	1.163
Total PCB	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
1,4-Dichlorobenzene	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL
1,1-Dichloroethane	0.000	#DIV/0!	ug/M^3	<DL	<DL	<DL

DL = Detection Limit