

US EPA ARCHIVE DOCUMENT

Intermediate School 143
New York, NY

Other Monitored Toxic Air Pollutants

Monitoring Results

Key Pollutant	Sample Screening Level	7/30/2009	8/5/2009	8/11/2009	8/17/2009	8/23/2009	8/29/2009	9/4/2009	9/10/2009	9/16/2009	9/22/2009	9/28/2009	10/2/2009	10/9/2009	10/16/2009	4/2/2010	4/8/2010	4/14/2010	4/20/2010	4/26/2010	5/2/2010	5/8/2010	5/14/2010	5/20/2010	5/26/2010	6/1/2010
1,1,2,2-Tetrachloroethane (Micrograms/cubic meter)	120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane (Micrograms/cubic meter)	440	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane (Micrograms/cubic meter)	4400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene (Micrograms/cubic meter)	80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene (Micrograms/cubic meter)	2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	0.089	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane (Micrograms/cubic meter)	200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene (Micrograms/cubic meter)	10000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.22	0.89	0.31	0.4	0.36	1.57	0.59	0.41	0.698	0.914	1.55
Acetonitrile (Micrograms/cubic meter)	600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.222	0.358	0.14	0.46	0.18	0.413	0.183	0.282	0.318	0.464	0.393
Acrylonitrile (Micrograms/cubic meter)	200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	0.13	ND	ND	ND	0.467
Benzyl chloride (Micrograms/cubic meter)	140	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform (Micrograms/cubic meter)	6400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane (Micrograms/cubic meter)	200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.047	0.078	0.039	0.051	0.039	0.047	ND	0.085	0.051	0.082	0.066
Carbon disulfide (Micrograms/cubic meter)	7000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.1	0.062	0.02	0.03	0.041	0.084	0.21	0.081	0.053	0.29	0.17
Carbon tetrachloride (Micrograms/cubic meter)	200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.73	0.73	0.831	0.648	0.667	0.711	0.976	0.62	0.62	0.724	0.711
Chlorobenzene (Micrograms/cubic meter)	10000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane (Micrograms/cubic meter)	40000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.034	0.066	ND	0.037	0.02	0.045	ND	0.048	0.037	0.063	ND
Chloroform (Micrograms/cubic meter)	500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.23	0.2	0.18	0.21	0.13	0.4	0.19	0.25	0.23	0.3	ND
Chloromethane (Micrograms/cubic meter)	1000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.67	1.8	1.27	1.22	1.22	1.28	1.44	1.39	1.27	1.72	1.66

Chloroprene (Micrograms/cubic meter)	200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichloromethane (Micrograms/cubic meter)	2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.14	1.15	0.612	0.657	0.355	0.723	0.549	0.827	0.886	0.921	0.914	
Ethyl acrylate (Micrograms/cubic meter)	7000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene (Micrograms/cubic meter)	40000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.695	0.812	0.27	0.4	0.23	0.656	0.747	0.474	0.517	0.604	0.613	
Ethylene dibromide (Micrograms/cubic meter)	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylene dichloride (Micrograms/cubic meter)	270	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	0.089	0.073	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene (Micrograms/cubic meter)	320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	0.09	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl chloroform (Micrograms/cubic meter)	10000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.087	0.082	0.076	0.066	0.055	0.12	0.082	0.066	0.06	0.093	0.066	
Methyl isobutyl ketone (Micrograms/cubic meter)	30000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.615	0.926	0.29	0.566	0.13	0.603	1.84	0.39	0.37	0.557	0.37	
Methyl methacrylate (Micrograms/cubic meter)	7000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	0.086	0.098	0.24	0.086	
Methyl tert-butyl ether (Micrograms/cubic meter)	7000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene (Micrograms/cubic meter)	9000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.12	0.16	ND	0.064	0.09	0.12	0.068	0.12	0.12	0.21	0.16	
Tetrachloroethylene (Micrograms/cubic meter)	1400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.984	0.998	0.32	0.4	0.28	0.45	0.41	0.33	0.66	0.774	1.28	
Toluene (Micrograms/cubic meter)	4000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.75	4.19	1.58	2.14	1.12	4.07	1.59	2.65	3.3	3.22	3.19	
Trichloroethylene (Micrograms/cubic meter)	10000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.097	0.1	ND	ND	ND	ND	ND	0.04	0.054	0.059	0.04	
Vinyl chloride (Micrograms/cubic meter)	1000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.02	ND	
o-Xylene (Micrograms/cubic meter)	9000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.808	0.865	0.25	0.443	0.22	0.673	0.547	0.539	0.526	0.647	0.643	

ND = Pollutant Not Detected
 -- = Sample not taken or invalid

The sample screening level is a level of pollution in the air that is below what we expect to cause health problems from short-term exposure

(Results are for metals in air samples of particulate matter 10 micrograms in diameter and smaller (PM10) collected over a 24-hour period to obtain an average concentration during that day.

[NOTE: Additional volatile organic compound samples are being collected at this site. Previous samples have been invalidated due to a sampler contamination issue. Please click here for more informatior](#)