

Enterprise High School Enterprise, MS

Other Monitored Toxic Air Pollutants

Monitoring Results

Key Pollutant	Sample Screening Level	7/24/2009	7/30/2009	8/5/2009	8/6/2009	8/11/2009	8/17/2009	8/25/2009	9/4/2009	9/10/2009	9/16/2009	9/22/2009	9/28/2009	10/4/2009	10/10/2009
1,1,2,2-Tetrachloroethane (Micrograms/cubic meter)	120	--	ND	ND	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	ND	ND
1,1-Dichloroethane (Micrograms/cubic meter)	4400	--	ND	ND	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	ND	ND
1,2,4-Trichlorobenzene (Micrograms/cubic meter)	2000	--	ND	ND	ND	ND	ND	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	ND	ND
1,3-Butadiene (Micrograms/cubic meter)**	20	--	0.022	0.02	0.055	ND	0.031	0.053	0.033	0.022	0.02	0.024	0.022	0.024	0.02
1,4-Dichlorobenzene (Micrograms/cubic meter)**	10000	--	0.25	0.51	0.46	0.41	0.33	0.19	0.084	0.12	0.14	0.19	0.23	0.11	0.066
Acetonitrile (Micrograms/cubic meter)**	600	--	0.393	0.432	0.585	0.402	0.497	0.294	0.276	0.25	0.628	0.294	0.334	0.203	0.12

Dichloromethane (Micrograms/cubic meter)**	2000	--	0.17	0.23	0.26	0.19	0.23	0.32	0.27	0.28	0.26	0.19	0.23	0.21	0.25
Ethyl acrylate (Micrograms/cubic meter)	7000	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene (Micrograms/cubic meter)	40000	--	0.1	0.1	0.13	0.1	0.11	0.096	0.096	0.12	0.048	0.12	0.091	0.052	0.1
Ethylene dibromide (Micrograms/cubic meter)	12	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylene dichloride (Micrograms/cubic meter)	270	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene (Micrograms/cubic meter)	320	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl chloroform (Micrograms/cubic meter)**	10000	--	0.066	0.071	0.098	0.098	0.098	0.13	0.071	0.1	0.1	0.055	0.098	0.087	0.066
Methyl isobutyl ketone (Micrograms/cubic meter)**	30000	--	3.51	1.12	2.24	1.64	2.39	1	0.623	1.25	2.8	0.967	0.627	0.34	0.648
Methyl methacrylate (Micrograms/cubic meter)	7000	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether (Micrograms/cubic meter)	7000	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene (Micrograms/cubic meter)**	9000	--	0.17	0.11	0.17	0.14	0.09	0.085	0.06	0.081	0.064	0.1	0.047	0.03	0.077
Tetrachloroethylene (Micrograms/cubic meter)**	1400	--	0.13	0.24	0.14	0.18	0.19	0.16	0.075	0.095	0.095	0.081	0.1	ND	0.068

Toluene (Micrograms/cubic meter)	4000	--	0.784	0.871	0.826	0.739	0.72	0.686	1.12	0.773	0.35	0.882	0.664	0.437	0.588
Trichloroethylene (Micrograms/cubic meter)	10000	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride (Micrograms/cubic meter)	1000	--	0.02	0.01	0.036	ND	ND	ND	ND	ND	0.026	ND	ND	ND	ND
o-Xylene (Micrograms/cubic meter)**	9000	--	0.11	0.091	0.13	0.083	0.096	0.091	0.1	0.11	0.048	0.12	0.083	0.061	0.091

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 exposures

(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.)

[** EPA has replaced some data that previously were incorrectly reported. See the changes here.](#)