

US EPA ARCHIVE DOCUMENT

Warren Elementary School Marietta, OH

Other Monitored Toxic Air Pollutants

Monitoring Results

Key Pollutant	Sample Screening Level	8/17/2009	8/23/2009	8/29/2009	9/4/2009	9/10/2009	9/16/2009	9/22/2009	9/28/2009	10/4/2009	10/10/2009	10/16/2009	10/22/2009	10/28/2009	11/3/2009
Antimony (Nanograms/cubic meter)	2000	1.46	0.5	0.55	0.96	--	0.64	0.4	0.32	0.42	0.32	0.24	2.49	0.85	0.84
Arsenic (Nanograms/cubic meter)	150	0.87	0.63	0.45	0.57	--	0.56	0.95	0.17	0.38	ND	0.29	4.09	0.58	0.08
Beryllium (Nanograms/cubic meter)	20	0.003	ND	ND	0.07	--	ND	0.0003	ND	ND	ND	0.01	0.03	ND	ND
Cadmium (Nanograms/cubic meter)	30	0.61	0.07	0.07	0.2	--	0.14	0.23	0.06	0.09	0.09	0.08	0.76	0.19	0.12
Cobalt (Nanograms/cubic meter)	100	0.41	0.08	0.11	0.09	--	0.18	0.11	0.03	0.001	ND	0.02	0.31	0.01	0.02
Mercury (Nanograms/cubic meter)	3000	0.02	0.02	0.04	0.04	--	0.02	0.04	0.009	ND	0.003	0.008	0.04	0.01	0.01
Nickel (Nanograms/cubic meter)	200	0.68	0.55	0.37	0.98	--	0.47	0.34	0.24	0.02	0.04	0.19	0.49	0.14	0.26
Selenium (Nanograms/cubic meter)	20000	2	1.14	0.7	2.3	--	1.6	0.71	0.72	0.43	0.7	1.59	3.43	1.25	2.54

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)