

US EPA ARCHIVE DOCUMENT

East Elementary School East Liverpool, OH

Other Monitored Toxic Air Pollutants

Monitoring Results

Key Pollutant	Sample Screening Level	8/12/2009	8/17/2009	8/23/2009	8/29/2009	9/4/2009	9/10/2009	9/16/2009	9/22/2009	9/28/2009	10/4/2009
Beryllium (Nanograms/cubic meter)	20	ND	0.01	ND	0.007	0.02	0.01	ND	ND	ND	ND
Cadmium (Nanograms/cubic meter)	30	0.35	1.14	0.13	0.44	0.5	1.68	0.16	0.35	0.06	0.36
Cobalt (Nanograms/cubic meter)	100	0.04	0.18	ND	0.06	0.24	0.25	0.16	0.08	0.07	0.02
Arsenic (Nanograms/cubic meter)	150	1.12	1.53	2.23	8.27	2.7	2.13	0.99	0.8	0.04	3.51
Nickel (Nanograms/cubic meter)	200	0.41	0.83	ND	0.43	0.89	1.46	0.81	0.69	0.34	0.15
Antimony (Nanograms/cubic meter)	2000	1.27	2	0.78	0.72	2.01	1.39	0.73	0.97	0.3	1.09
Mercury (Nanograms/cubic meter)	3000	0.01	0.01	0.001	0.004	0.03	0.02	ND	0.02	ND	ND
Selenium (Nanograms/cubic meter)	20000	0.83	3.01	0.46	1.33	1.76	2.16	0.47	3.09	1.56	0.41

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.)