

The Ohio Valley Educational Service Center 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	11/15/2009
Antimony (Nanograms/cubic meter)	2000	4.96	0.52	1.87	--	--	0.86	1.64	0.29	0.32	--	0.26	3.68	1.21	1.13	4.23
Arsenic (Nanograms/cubic meter)	150	0.54	0.7	1.92	--	--	0.37	1.2	0.19	0.87	--	0.72	6.72	0.55	0.99	5.99
Beryllium (Nanograms/cubic meter)	20	0.01	0.003	0.02	--	--	ND	0.008	0.003	ND	--	0.003	0.04	0.006	ND	ND
Cadmium (Nanograms/cubic meter)	30	0.45	1.48	1.06	--	--	0.13	0.13	0.06	0.09	--	0.09	0.87	0.18	0.28	7.08
Cobalt (Nanograms/cubic meter)	100	0.11	0.05	0.22	--	--	0.13	0.03	0.04	0.01	--	0.006	0.18	0.02	0.4	0.22
Mercury (Nanograms/cubic meter)	3000	0.06	0.02	0.04	--	--	ND	0.03	0.02	ND	--	0.06	0.04	0.002	0.02	0.03
Nickel (Nanograms/cubic meter)	200	0.59	0.49	1.14	--	--	0.59	0.44	0.13	0.33	--	0.17	0.43	0.19	0.62	0.22
Selenium (Nanograms/cubic meter)	20000	3.45	0.79	3.21	--	--	1.44	0.99	0.85	0.51	--	0.38	3.91	1.48	1.96	11.4

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.