

US EPA ARCHIVE DOCUMENT

Ashland City Elementary School Ashland City, TN

Other Monitored Toxic Air Pollutants

Monitoring Results

Key Pollutant	Sample Screening Level	4/13/2009	4/19/2009	4/25/2009	5/1/2009	5/7/2009	5/11/2009	5/13/2009	5/19/2009	5/25/2009	5/28/2009	5/31/2009	6/6/2009
Antimony (Nanograms/cubic meter)	2000	0.33	0.51	0.74	0.41	0.31	0.47	0.44	0.69	0.55	0.49	0.7	1.7
Arsenic (Nanograms/cubic meter)	150	0.35	0.6	0.41	0.17	0.51	0.61	0.47	0.65	0.84	0.4	0.76	9.56
Beryllium (Nanograms/cubic meter)	20	0.002	ND	0.0002	ND	0.03	0.03	0.008	0.006	0.002	0.008	0.01	0.005
Cadmium (Nanograms/cubic meter)	30	0.07	0.07	0.1	0.02	0.04	0.12	0.75	0.13	0.09	0.08	0.13	0.15
Cobalt (Nanograms/cubic meter)	100	0.17	0.03	0.08	0.04	0.18	0.06	0.05	0.1	0.02	1.05	0.07	0.04
Mercury (Nanograms/cubic meter)	3000	0.44	0.61	0.41	1.25	0.25	0.29	0.19	0.18	0.09	0.25	0.07	0.14
Nickel (Nanograms/cubic meter)	200	0.41	0.15	1.01	0.23	0.57	0.68	0.46	2.29	0.49	2.26	0.25	0.13
Selenium (Nanograms/cubic meter)	20000	0.67	0.64	0.5	0.13	0.27	0.9	0.69	0.37	3.67	0.5	1.04	0.85

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.)