

US EPA ARCHIVE DOCUMENT

Lakeview Elementary School New Johnsonville, TN

Other Monitored Toxic Air Pollutants

Monitoring Results

Key Pollutant	Sample Screening Level	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	6/12/2009
Antimony (Nanograms/cubic meter)	2000	0.32	0.36	0.35	0.24	0.31	0.41	0.56	0.29	0.2	0.53	0.6	0.22
Arsenic (Nanograms/cubic meter)	150	0.73	0.35	0.25	0.3	0.48	0.51	0.57	0.29	0.34	0.84	0.85	0.34
Beryllium (Nanograms/cubic meter)	20	ND	ND	ND	0.03	0.03	0.004	0.01	0.007	0.005	0.009	0.01	0.009
Cadmium (Nanograms/cubic meter)	30	0.26	0.07	0.04	0.04	0.12	0.08	0.12	0.07	0.08	0.1	0.1	0.05
Cobalt (Nanograms/cubic meter)	100	0.06	0.04	0.13	0.05	0.04	0.03	0.07	0.03	0.05	0.13	0.06	0.05
Mercury (Nanograms/cubic meter)	3000	0.17	0.23	0.06	0.27	0.31	0.13	0.23	0.04	ND	ND	0.004	0.12
Nickel (Nanograms/cubic meter)	200	0.35	0.34	0.23	0.25	0.36	0.38	1.09	5.02	0.23	0.31	0.35	0.21
Selenium (Nanograms/cubic meter)	20000	0.27	0.47	0.23	0.32	1.39	1.01	0.52	0.28	0.55	1.62	2.25	1.43

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 micrometers in diameter and smaller (PM10) collected over a 24-hour period to obtain an average concentration during that day.)