

US EPA ARCHIVE DOCUMENT

# Lincoln Park Elementary School Muskegon, MI

## Other Monitored Toxic Air Pollutants

### Monitoring Results

Key Pollutant	Sample Screening Level	7/30/2009	8/5/2009	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	11/15/2009	11/24/2009
Antimony (Nanograms/cubic meter)	2000	--	--	0.2	--	1.38	1.35	0.56	0.75	0.07	0.14	0.14	0.15	--	--	--	1.77
Arsenic (Nanograms/cubic meter)	150	--	--	0.88	--	6.07	1.41	0.26	1.63	0.1	0.3	1.59	0.35	--	--	--	1.77
Beryllium (Nanograms/cubic meter)	20	--	--	ND	--	0.002	0.004	0.01	0.03	ND	0.005	ND	ND	--	--	--	ND
Cadmium (Nanograms/cubic meter)	30	--	--	0.08	--	0.24	0.22	0.29	0.14	0.11	0.05	0.03	0.2	--	--	--	0.24
Manganese (Nanograms/cubic meter)	500	--	--	1.04	--	9.39	22.9	60.6	2.83	34.3	2.88	1.76	7.11	--	--	--	5.06
Mercury (Nanograms/cubic meter)	3000	--	--	ND	--	0.0005	ND	ND	0.03	ND	0.03	0.009	0.003	--	--	--	0.02
Selenium (Nanograms/cubic meter)	20000	--	--	0.15	--	0.74	0.74	0.78	0.99	1.02	0.1	0.04	0.19	--	--	--	2.3

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.)