

US EPA ARCHIVE DOCUMENT

Saint Josaphat School Chicago, IL

Other Monitored Toxic Air Pollutants

Interim 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
Antimony (Nanograms/cubic meter)	2000	--	--	1.59	1.92	1.44	0.68	3.3	1.25	1.84	2.45	1.02	0.83
Arsenic (Nanograms/cubic meter)	150	--	--	0.51	0.72	1.12	ND	1.16	0.16	0.53	0.91	0.17	0.03
Beryllium (Nanograms/cubic meter)	20	--	--	0.001	0.06	ND	0.07	ND	ND	ND	ND	ND	0.02
Cadmium (Nanograms/cubic meter)	30	--	--	0.04	0.13	0.19	0.06	0.3	0.02	0.04	0.1	0.04	0.07
Cobalt (Nanograms/cubic meter)	100	--	--	0.06	0.11	0.08	0.07	0.23	0.09	0.02	0.02	0.008	0.04
Mercury (Nanograms/cubic meter)	3000	--	--	ND	0.02	ND	0.08	ND	ND	ND	ND	0.02	0.11
Nickel (Nanograms/cubic meter)	200	--	--	1.4	0.54	1.16	0.48	1.81	0.48	0.6	0.3	0.04	0.2
Selenium (Nanograms/cubic meter)	20000	--	--	0.13	0.82	1.48	0.73	1.59	0.51	0.02	0.12	0.17	0.91

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.)