Lincoln Elementary
Warsaw, IN

Other Monitored Toxic Air Pollutants

Monitoring Results

Key Pollutant	Sample Screening Level	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
1,1,2,2-Tetrachloroethane (Micrograms/cubic meter)	120	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane (Micrograms/cubic meter)	440	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane (Micrograms/cubic meter)	4400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene (Micrograms/cubic meter)	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene (Micrograms/cubic meter)	2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane (Micrograms/cubic meter)	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Butadiene (Micrograms/cubic meter)**	20	0.035	0.038	0.093	0.044	0.055	0.12	0.027	0.06	0.044	0.04
1,4-Dichlorobenzene (Micrograms/cubic meter)**	10000	0.066	0.06	0.11	0.06	0.05	0.11	0.04	0.04	ND	ND
Acetonitrile (Micrograms/cubic meter)**	600	0.018	0.482	0.457	0.433	0.368	0.553	0.292	0.2	0.178	0.11

Acrylonitrile (Micrograms/cubic meter)	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Antimony (Nanograms/cubic meter)	2000	0.87	0.39	1.48	1.31	0.44	1.32	0.15	0.42	0.61	0.65
Arsenic (Nanograms/cubic meter)	150	0.63	1.04	1.39	0.79	0.22	0.74	0.18	0.22	1.73	2.29
Benzene (Micrograms/cubic meter)	30	0.329	0.403	0.857	0.706	0.643	1.59	ND	0.419	0.422	0.4
Benzyl chloride (Micrograms/cubic meter)	140	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beryllium (Nanograms/cubic meter)	20	ND	ND	0.05	ND	ND	ND	0.004	ND	0.007	0.007
Bromoform (Micrograms/cubic meter)	6400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane (Micrograms/cubic meter)**	200	0.047	0.051	0.062	0.058	0.062	0.07	0.047	0.039	0.03	0.03
Cadmium (Nanograms/cubic meter)	30	0.04	0.09	0.17	0.14	0.06	0.57	0.05	0.05	0.12	0.05
Carbon disulfide (Micrograms/cubic meter)**	7000	0.062	0.18	0.21	0.13	0.361	0.12	0.14	0.034	0.15	0.047
Carbon tetrachloride (Micrograms/cubic meter)**	200	0.755	0.68	0.73	0.793	1.22	0.837	ND	0.774	0.736	0.674
Chlorobenzene (Micrograms/cubic meter)	10000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane (Micrograms/cubic meter)**	40000	0.045	0.045	0.092	0.058	0.05	0.045	0.05	0.034	0.029	0.055
Chloroform (Micrograms/cubic meter)**	500	0.13	0.1	0.19	0.14	0.15	0.14	0.11	0.13	0.12	0.11

Chloromethane (Micrograms/cubic meter)**	1000	1.13	1.06	1.15	1.41	1.9	1.53	1.2	1.01	0.723	1.5
Chloroprene (Micrograms/cubic meter)	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt (Nanograms/cubic meter)	100	0.05	0.03	0.11	0.05	0.05	0.08	0.05	0.005	0.02	0.02
Dichloromethane (Micrograms/cubic meter)**	2000	0.3	0.26	0.535	0.28	0.382	0.32	0.24	0.27	0.428	0.24
Ethyl acrylate (Micrograms/cubic meter)	7000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene (Micrograms/cubic meter)	40000	0.07	0.087	0.23	0.12	0.1	0.15	0.052	0.11	0.096	0.091
Ethylene dibromide (Micrograms/cubic meter)	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylene dichloride (Micrograms/cubic meter)	270	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene (Micrograms/cubic meter)	320	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mercury (Nanograms/cubic meter)	3000	ND	0.005	0.02	ND	0.006	0.01	0.01	ND	0.01	0.05
Methyl chloroform (Micrograms/cubic meter)**	10000	0.066	0.082	0.087	0.087	0.1	0.098	ND	0.087	0.071	0.071
Methyl isobutyl ketone (Micrograms/cubic meter)**	30000	2.16	2.34	0.14	1.21	0.516	0.685	ND	0.21	0.16	0.04
Methyl methacrylate (Micrograms/cubic meter)	7000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Methyl tert-butyl ether (Micrograms/cubic meter)	7000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium (Nanograms/cubic meter)	20000	0.17	0.32	1.22	1.13	0.67	1.61	0.17	0.2	0.29	0.11
Styrene (Micrograms/cubic meter)**	9000	0.03	0.043	0.22	0.064	0.047	0.06	0.04	0.03	ND	0.055
Tetrachloroethylene (Micrograms/cubic meter)**	1400	0.068	0.1	0.22	0.1	0.075	0.12	0.06	0.081	0.31	0.06
Toluene (Micrograms/cubic meter)	4000	0.682	1.44	1.69	0.777	0.656	1.26	1.49	1.35	3.71	0.524
Trichloroethylene (Micrograms/cubic meter)	10000	ND	ND	0.17	ND	ND	0.054	ND	ND	ND	ND
Vinyl chloride (Micrograms/cubic meter)**	1000	0.033	0.031	0.041	0.046	0.072	0.046	0.033	0.02	0.02	0.02
o-Xylene (Micrograms/cubic meter)**	9000	0.07	0.087	0.22	0.13	0.11	0.19	0.048	0.11	0.091	0.078

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.)

** EPA has replaced some data that previously were incorrectly reported. See the changes here.