Colvin Elementary
Wichita, KS

Other Monitored Toxic Air Pollutants

Interim 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	10/22/2009	10/28/2009	11/3/2009	11/9/2009	12/3/2009	12/7/2009	12/9/2009	12/10/2009	12/15/2009	12/16/2009	12/21/2009
1,1,2,2-Tetrachloroethane (Micrograms/cubic meter)	120	--	--	--	--	--	--	--	--	--	--	--	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
1,1-Dichloroethane (Micrograms/cubic meter)	4400	--	--	--	--	--	--	--	--	--	--	--	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
1,2,4-Trichlorobenzene (Micrograms/cubic meter)	2000	--	--	--	--	--	--	--	--	--	--	--	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
1,3-Butadiene (Micrograms/cubic meter)**	20	--	--	--	--	--	--	--	--	--	--	--	0.02	0.12	0.029	0.06	ND	0.089	0.055	--	ND	0.073
1,4-Dichlorobenzene (Micrograms/cubic meter)**	10000	--	--	--	--	--	--	--	--	--	--	--	ND	0.13	0.03	0.06	ND	ND	ND	--	ND	0.02
Acetonitrile (Micrograms/cubic meter)	600	--	--	--	--	--	--	--	--	--	--	--	0.22	0.17	0.17	0.097	0.087	0.087	0.091	--	0.069	0.099
Acrylonitrile (Micrograms/cubic meter)	200	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	0.18	--	ND	ND
Benzene (Micrograms/cubic meter)**	30	--	--	--	--	--	--	--	--	--	--	--	0.377	1.26	0.556	0.78	0.371	0.706	0.633	--	0.396	0.738

Benzyl chloride (Micrograms/cubic meter)	140	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	--	ND	ND
Bromoform (Micrograms/cubic meter)	6400	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	--	ND	ND
Bromomethane (Micrograms/cubic meter)**	200	--	--	--	--	--	--	--	--	--	--	--	0.051	0.039	0.03	0.03	0.043	0.03	0.043	--	0.03	0.03
Carbon disulfide (Micrograms/cubic meter)**	7000	--	--	--	--	--	--	--	--	--	--	--	0.044	0.053	0.072	0.047	0.031	0.047	0.02	--	0.037	0.047
Carbon tetrachloride (Micrograms/cubic meter)**	200	--	--	--	--	--	--	--	--	--	--	--	0.661	0.68	0.58	0.59	0.642	0.875	0.692	--	0.705	0.743
Chlorobenzene (Micrograms/cubic meter)	10000	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	--	ND	ND
Chloroethane (Micrograms/cubic meter)**	40000	--	--	--	--	--	--	--	--	--	--	--	0.02	0.02	0.02	ND	ND	ND	ND	--	0.058	0.084
Chloroform (Micrograms/cubic meter)	500	--	--	--	--	--	--	--	--	--	--	--	0.073	0.13	0.098	0.078	ND	0.093	0.11	--	0.078	0.098
Chloromethane (Micrograms/cubic meter)**	1000	--	--	--	--	--	--	--	--	--	--	--	1.32	1	0.969	0.802	0.833	0.965	0.93	--	1.11	1.18
Chloroprene (Micrograms/cubic meter)	200	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	--	ND	ND
Dichloromethane (Micrograms/cubic meter)**	2000	--	--	--	--	--	--	--	--	--	--	--	0.21	0.3	0.32	0.27	0.22	0.25	0.21	--	0.27	0.41
Ethyl acrylate (Micrograms/cubic meter)	7000	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	--	ND	ND
Ethylbenzene (Micrograms/cubic meter)	40000	--	--	--	--	--	--	--	--	--	--	--	0.074	0.526	0.14	0.24	0.065	0.17	0.15	--	0.1	0.18
Ethylene dibromide (Micrograms/cubic meter)	12	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	--	ND	ND
Ethylene dichloride (Micrograms/cubic meter)	270	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	--	ND	ND
Hexachlorobutadiene (Micrograms/cubic meter)	320	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	--	ND	ND

Methyl chloroform (Micrograms/cubic meter)**	10000	--	--	--	--	--	--	--	--	--	--	--	0.066	0.071	0.06	0.055	0.066	0.04	0.066	--	0.087	0.082
Methyl isobutyl ketone (Micrograms/cubic meter)**	30000	--	--	--	--	--	--	--	--	--	--	--	0.426	0.39	0.39	0.2	ND	0.32	0.18	--	0.04	0.02
Methyl methacrylate (Micrograms/cubic meter)	7000	--	--	--	--	--	--	--	--	--	--	--	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
Styrene (Micrograms/cubic meter)**	9000	--	--	--	--	--	--	--	--	--	--	--	0.02	0.081	0.04	0.064	ND	ND	ND	--	0.02	0.043
Tetrachloroethylene (Micrograms/cubic meter)**	1400	--	--	--	--	--	--	--	--	--	--	--	0.45	0.29	0.11	0.12	ND	ND	0.44	--	1.12	0.1
Toluene (Micrograms/cubic meter)**	4000	--	--	--	--	--	--	--	--	--	--	--	1.49	3.71	1.03	1.58	0.407	1.08	1.77	--	1.26	1.14
Trichloroethylene (Micrograms/cubic meter)**	10000	--	--	--	--	--	--	--	--	--	--	--	0.13	0.19	ND	0.11	ND	0.17	0.715	--	1.06	0.065
Vinyl chloride (Micrograms/cubic meter)**	1000	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	--	ND	0.036
o-Xylene (Micrograms/cubic meter)	9000	--	--	--	--	--	--	--	--	--	--	--	0.061	0.43	0.1	0.19	0.043	0.13	0.091	--	0.056	0.13

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.

NOTE: Additional volatile organic compound samples are being collected at this site. Previous samples have been invalidated due to a sampler contamination issue. Please click here for more information.