Sunnyside Elementary School
Durango, CO

Other Monitored Toxic Air Pollutants

Monitoring Results

Key Pollutant	Sample Screening Level	8/23/2009	9/4/2009	9/10/2009	9/16/2009	9/22/2009	9/28/2009	9/30/2009	10/4/2009	10/10/2009	10/13/2009	10/16/2009	10/22/2009	10/28/2009	11/3/2009	11/9/2009
1,1,2,2-Tetrachloroethane (Micrograms/cubic meter)	120	--	ND	ND	ND	ND	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	ND	ND	ND	ND
1,1-Dichloroethane (Micrograms/cubic meter)	4400	--	ND	ND	ND	ND	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	ND	ND	ND	ND
1,2,4-Trichlorobenzene (Micrograms/cubic meter)**	2000	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.04	ND
1,2-Dichloropropane (Micrograms/cubic meter)	200	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Butadiene (Micrograms/cubic meter)**	20	--	0.02	0.024	ND	0.062	0.024	0.01	0.042	0.042	0.031	0.024	0.049	0.029	0.027	0.031
1,4-Dichlorobenzene (Micrograms/cubic meter)**	10000	--	0.078	0.09	ND	0.04	0.03	0.05	0.05	0.096	0.05	ND	0.072	0.05	0.05	0.03
Acetonitrile (Micrograms/cubic meter)**	600	--	0.533	0.417	0.276	0.292	0.318	0.252	0.264	0.208	0.13	0.218	0.257	0.262	0.202	0.173
Acrylonitrile (Micrograms/cubic meter)	200	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl chloride (Micrograms/cubic meter)	140	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Bromoform (Micrograms/cubic meter)	6400	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane (Micrograms/cubic meter)**	200	--	0.051	0.054	0.051	0.047	0.062	0.039	0.051	0.051	0.051	0.039	0.054	0.03	0.051	0.054
Carbon disulfide (Micrograms/cubic meter)**	7000	--	0.23	0.047	ND	0.041	0.047	0.05	ND	0.02	0.037	0.041	0.056	0.03	0.02	0.02
Carbon tetrachloride (Micrograms/cubic meter)**	200	--	0.768	0.718	1.26	0.988	1.08	0.774	0.705	0.59	0.56	0.818	0.951	0.68	0.699	0.913
Chlorobenzene (Micrograms/cubic meter)	10000	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane (Micrograms/cubic meter)**	40000	--	0.063	0.04	ND	0.01	ND	0.026	ND	0.02	0.042	0.042	0.029	ND	0.04	ND
Chloroform (Micrograms/cubic meter)**	500	--	0.064	0.093	ND	0.088	0.083	0.098	0.083	0.083	0.073	0.068	0.11	0.059	0.073	0.083
Chloromethane (Micrograms/cubic meter)**	1000	--	1.55	1.23	1.74	1.51	1.58	1.24	1.27	1.35	0.713	1.3	1.5	1.37	1.28	1.6
Chloroprene (Micrograms/cubic meter)	200	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichloromethane (Micrograms/cubic meter)**	2000	--	0.29	0.507	0.28	0.379	0.709	0.23	0.29	0.27	0.3	0.98	0.34	0.21	0.22	0.25
Ethyl acrylate (Micrograms/cubic meter)	7000	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene (Micrograms/cubic meter)**	40000	--	0.087	0.07	0.043	0.02	0.061	0.056	0.13	0.091	0.12	0.096	0.13	0.043	0.1	0.074
Ethylene dibromide (Micrograms/cubic meter)	12	--	ND	ND	ND	ND	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	ND	ND	ND	ND
Hexachlorobutadiene (Micrograms/cubic meter)	320	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Pollutant																
Methyl chloroform (Micrograms/cubic meter)**	10000	--	0.071	0.082	0.1	0.1	0.11	0.071	0.082	0.066	0.071	0.071	0.093	0.06	0.071	0.071
Methyl isobutyl ketone (Micrograms/cubic meter)**	30000	--	0.82	0.68	ND	0.644	0.37	0.16	0.426	0.19	0.754	0.074	0.5	0.16	0.078	0.049
Methyl methacrylate (Micrograms/cubic meter)	7000	--	ND	ND	ND	ND	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	ND	ND	ND	ND
Styrene (Micrograms/cubic meter)**	9000	--	0.055	0.03	ND	0.03	0.03	0.03	ND	0.043	0.072	0.047	0.06	ND	0.03	0.03
Tetrachloroethylene (Micrograms/cubic meter)**	1400	--	ND	0.06	ND	0.04	ND	0.06	ND	ND	ND	ND	0.081	ND	0.06	0.04
Toluene (Micrograms/cubic meter)**	4000	--	0.562	0.486	0.23	0.37	0.452	0.35	0.709	0.566	0.671	0.611	0.837	0.32	0.671	0.37
Trichloroethylene (Micrograms/cubic meter)	10000	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride (Micrograms/cubic meter)**	1000	--	0.02	0.02	ND	ND	ND	ND	ND	0.02	0.02	ND	ND	ND	ND	0.01
o-Xylene (Micrograms/cubic meter)**	9000	--	0.091	0.07	0.048	0.065	0.052	0.052	0.11	0.087	0.1	0.074	0.13	0.03	0.074	0.065

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.