

US EPA ARCHIVE DOCUMENT

**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



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](#).