Lapwai High School
Lapwai, ID

Other Monitored Toxic Air Pollutants

Monitoring Results

Key Pollutant	Sample Screening Level	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	11/12/2009	11/18/2009	11/24/2009	12/2/2009	12/3/2009	12/9/2009
1,1,2,2-Tetrachloroethane (Micrograms/cubic meter)	120	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
1,1-Dichloroethane (Micrograms/cubic meter)	4400	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
1,2,4-Trichlorobenzene (Micrograms/cubic meter)	2000	ND	ND	ND	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	ND	ND	--		ND
1,4-Dichlorobenzene (Micrograms/cubic meter)**	10000	0.944	0.45	0.47	0.23	0.13	0.45	0.23		0.28	0.6	0.35	0.848	0.21	--		0.066
Acetonitrile (Micrograms/cubic meter)**	600	0.356	0.267	0.365	0.171	0.087	0.15	0.16		0.032	0.173	0.13	0.099	0.077	--		0.071
Acrylonitrile (Micrograms/cubic meter)	200	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	--		ND
Antimony (Nanograms/cubic meter)	2000	--	0.08	0.15	0.08	0.11	--	0.18	0.12	0.26	0.75	0.11	0.09	0.15		0.13	0.24
Arsenic (Nanograms/cubic meter)	150	--	0.08	0.4	0.32	0.19	--	0.26	1.09	0.58	0.38	0.59	ND	0.48		0.05	0.1

Benzyl chloride (Micrograms/cubic meter)	140	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	--		ND
Beryllium (Nanograms/cubic meter)	20	--	0.001	0.04	0.06	ND	--	0.02	ND	0.01	ND	ND	ND	ND		ND	ND
Bromoform (Micrograms/cubic meter)	6400	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	--		ND
Bromomethane (Micrograms/cubic meter)**	200	0.054	0.054	0.047	0.039	0.039	0.03	0.03		0.03	0.047	0.039	0.047	0.02	--		0.02
Cadmium (Nanograms/cubic meter)	30	--	0.02	0.06	0.07	0.02	--	0.09	0.04	0.1	0.13	0.04	ND	0.03		0.04	0.05
Carbon disulfide (Micrograms/cubic meter)**	7000	0.062	0.14	0.087	0.078	0.037	0.056	0.05		0.02	0.18	0.041	0.078	0.037	--		0.02
Carbon tetrachloride (Micrograms/cubic meter)**	200	0.724	0.818	0.59	0.705	0.642	0.661	0.724		0.711	0.919	0.62	0.6	0.52	--		0.61
Chlorobenzene (Micrograms/cubic meter)	10000	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	--		ND
Chloroethane (Micrograms/cubic meter)**	40000	0.032	0.01	0.034	ND	0.14	0.034	ND		ND	0.02	0.042	0.02	ND	--		0.042
Chloroform (Micrograms/cubic meter)**	500	0.083	ND	0.098	0.11	0.098	0.078	0.12		0.11	0.11	0.093	0.078	0.073	--		0.073
Chloromethane (Micrograms/cubic meter)**	1000	1.28	1.3	1.18	1.07	1.24	0.643	0.992		0.915	1.29	0.876	0.818	0.785	--		0.88
Chloroprene (Micrograms/cubic meter)	200	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	--		ND
Cobalt (Nanograms/cubic meter)	100	--	0.38	0.87	0.95	0.27	--	0.05	0.03	0.08	0.07	0.007	ND	0.02		0.05	0.17
Dichloromethane (Micrograms/cubic meter)**	2000	0.34	0.25	0.23	0.27	0.19	0.25	0.22		0.25	0.23	0.21	0.2	0.16	--		0.19
Ethyl acrylate (Micrograms/cubic meter)	7000	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	--		ND

Ethylbenzene (Micrograms/cubic meter)**	40000	0.07	0.065	0.07	0.052	0.065	0.056	0.13		0.11	0.12	0.078	0.12	0.083	--		0.03
Ethylene dibromide (Micrograms/cubic meter)	12	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	0.089	ND	0.081	ND	--		ND
Formaldehyde (Micrograms/cubic meter)	50	3.87	2.83	4.51	2	2.15	1.73	1.62	--	2.06	1.33	1.24	1.62	1.36		1.19	1.99
Hexachlorobutadiene (Micrograms/cubic meter)	320	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	--		ND
Manganese (Nanograms/cubic meter)	500	--	19.8	50.7	64.3	15.7	--	3.77	1.86	4.02	3.3	1.21	0.98	1.86		1.43	7.7
Mercury (Nanograms/cubic meter)	3000	--	ND	0.005	ND	0.007	--	0.03	0.007	ND	ND	0.008	ND	0.006		0.008	0.01
Methyl chloroform (Micrograms/cubic meter)**	10000	0.076	0.071	0.066	0.093	0.066	0.066	0.082		0.076	0.087	0.066	0.055	0.04	--		0.071
Methyl isobutyl ketone (Micrograms/cubic meter)**	30000	0.803	0.418	0.75	0.484	ND	0.16	0.791		0.2	0.16	ND	0.25	0.3	--		ND
Methyl methacrylate (Micrograms/cubic meter)	7000	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
Nickel (Nanograms/cubic meter)	200	--	0.44	1.17	1.35	0.27	--	0.04	ND	ND	ND	0.22	0.16	ND		0.12	0.19
Propionaldehyde (Micrograms/cubic meter)	80	0.516	0.278	0.323	0.18	0.21	0.245	0.23	--	0.22	0.15	0.1	0.12	0.12		0.11	0.19
Selenium (Nanograms/cubic meter)	20000	--	0.11	0.5	ND	ND	--	ND	ND	0.16	0.08	0.49	ND	0.1		ND	ND

Styrene (Micrograms/cubic meter)	9000	0.051	0.051	0.04	0.051	0.047	ND	0.077		0.04	0.068	0.03	0.068	ND	--		ND
Tetrachloroethylene (Micrograms/cubic meter)**	1400	0.11	0.05	0.06	ND	0.068	0.05	0.075		0.06	0.068	ND	0.17	ND	--		ND
Toluene (Micrograms/cubic meter)**	4000	0.547	0.411	0.415	0.28	0.34	0.37	0.732		0.705	0.63	0.411	0.633	0.547	--		0.385
Trichloroethylene (Micrograms/cubic meter)	10000	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	0.065	--		ND
Vinyl chloride (Micrograms/cubic meter)	1000	ND	0.02	ND	ND	0.02	ND	ND		ND	0.02	ND	ND	ND	--		ND
o-Xylene (Micrograms/cubic meter)**	9000	0.07	0.078	0.078	0.052	0.048	0.061	0.13		0.078	0.13	0.043	0.087	0.061	--		0.02

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.