Felton Elementary School
Lennox, CA

Other Monitored Toxic Air Pollutants

Interim Monitoring Results

Key Pollutant	Sample Screening Level	8/5/2009	8/11/2009	8/17/2009	8/23/2009	8/29/2009	9/4/2009	9/10/2009	9/16/2009	9/22/2009	9/28/2009	1/20/2010	1/23/2010	1/29/2010	2/4/2010	2/7/2010	2/10/2010	2/16/2010	2/19/2010	2/25/2010	2/28/2010	3/3/2010	3/6/2010	3/12/2010
1,1,2,2-Tetrachloroethane (Micrograms/cubic meter)	120	ND	ND	ND	ND	ND	ND	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	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	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	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	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	ND	ND	--	ND	ND	ND	ND	ND
1,4-Dichlorobenzene (Micrograms/cubic meter)**	10000	0.17	ND	0.06	ND	0.12	0.15	0.12	0.13	0.066	0.06	--	--	0.19	ND	0.17	0.24	0.3	--	0.096	0.12	0.06	0.12	0.17
Acetonitrile (Micrograms/cubic meter)**	600	0.276	0.249	0.539	0.37	0.329	0.499	0.265	0.301	0.218	0.291	--	--	0.373	0.218	0.225	0.218	0.336	--	0.207	0.15	0.447	0.16	0.225
Acrylonitrile (Micrograms/cubic meter)	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND

Benzo[a]anthracene (Micrograms/cubic meter)	64	0.00011	0.00005	0.00004	ND	0.00009	0.00006	0.00004	0.00007	0.00006	0.00005												
Benzo[a]pyrene (Micrograms/cubic meter)	6.4	0.00006	ND	ND	ND	0.00003	ND	ND	0.00004	ND	ND												
Benzo[b]fluoranthene (Micrograms/cubic meter)	64	0.00013	0.00009	0.00006	0.00006	0.00012	0.00007	0.00008	0.00011	0.0001	0.00007												
Benzo[k]fluoranthene (Micrograms/cubic meter)	64	ND	ND	ND	ND	0.00003	0.00001	ND	0.00003	ND	0.00002												
Benzyl chloride (Micrograms/cubic meter)	140	ND	ND	ND	ND	ND	ND	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	ND	--	ND	ND	ND	ND	ND
Bromomethane (Micrograms/cubic meter)**	200	0.089	0.11	0.11	0.089	0.18	0.13	0.093	0.12	0.16	0.24	--	--	0.093	0.054	0.043	0.12	0.039	--	0.047	0.047	0.039	0.054	0.07
Carbon disulfide (Micrograms/cubic meter)**	7000	0.988	0.11	0.069	0.13	0.14	0.17	0.093	0.072	0.11	0.047	--	--	0.069	0.031	0.034	0.062	0.062	--	0.056	0.034	0.02	0.087	0.041
Carbon tetrachloride (Micrograms/cubic meter)**	200	0.705	0.686	0.724	0.894	0.68	0.755	0.969	0.969	0.629	0.787	--	--	0.774	0.831	0.667	0.755	0.629	--	0.73	0.812	0.768	0.862	0.762
Chlorobenzene (Micrograms/cubic meter)	10000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
Chloroethane (Micrograms/cubic meter)**	40000	0.063	0.04	0.02	0.055	0.05	0.053	0.026	0.034	0.026	ND	--	--	ND	ND	ND	0.026	0.026	--	ND	ND	ND	0.037	0.032
Chloroform (Micrograms/cubic meter)**	500	0.16	0.098	0.12	0.13	0.25	0.23	0.21	0.27	0.19	0.18	--	--	0.26	0.18	0.19	0.24	0.29	--	0.17	ND	0.11	ND	0.27

Chloromethane (Micrograms/cubic meter)**	1000	1.23	1.09	1.23	1.4	1.13	1.53	1.64	1.6	1.27	1.34	--	--	1.42	1.35	1.24	1.36	1.32	--	1.25	1.26	1.12	1.41	1.38
Chloroprene (Micrograms/cubic meter)	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
Chrysene (Micrograms/cubic meter)	640	0.00032	0.00012	0.00011	0.00023	0.00025	0.00021	0.00016	0.00018	0.00021	0.00012													
Dichloromethane (Micrograms/cubic meter)**	2000	0.963	0.28	0.31	0.521	0.587	0.813	0.487	0.74	0.483	1.13	--	--	1.01	0.587	0.507	0.869	1.18	--	0.858	0.567	0.58	0.671	1
Ethyl acrylate (Micrograms/cubic meter)	7000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
Ethylbenzene (Micrograms/cubic meter)	40000	0.53	0.18	0.14	0.12	0.37	0.469	0.38	0.439	0.2	0.21	--	--	0.96	0.37	0.634	1.26	1.65	--	0.613	0.574	0.27	0.56	0.873
Ethylene dibromide (Micrograms/cubic meter)	12	ND	ND	ND	ND	ND	ND	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	--	--	0.14	0.12	0.12	0.16	0.16	--	ND	ND	ND	ND	ND
Hexachlorobutadiene (Micrograms/cubic meter)	320	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
Methyl chloroform (Micrograms/cubic meter)**	10000	0.087	0.071	0.076	0.071	0.093	0.15	0.098	0.098	0.066	0.076	--	--	0.11	0.082	0.093	0.055	0.055	--	0.066	0.071	0.055	0.093	0.076
Methyl isobutyl ketone (Micrograms/cubic meter)**	30000	0.533	1.95	0.21	1.82	2.03	1.23	1.15	0.705	0.992	0.484	--	--	0.656	0.28	0.16	0.82	0.615	--	0.471	0.14	0.16	0.676	0.37
Methyl methacrylate (Micrograms/cubic meter)	7000	ND	ND	ND	ND	ND	ND	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	ND	ND	--	ND	ND	ND	ND	ND
Styrene (Micrograms/cubic meter)**	9000	0.21	0.077	0.06	0.081	0.14	0.19	0.077	0.077	0.094	0.068	--	--	0.41	0.17	0.15	0.554	0.554	--	0.27	0.19	0.098	0.22	0.15
Tetrachloroethylene (Micrograms/cubic meter)**	1400	0.29	0.081	0.13	0.16	0.36	0.44	0.27	0.33	0.14	0.13	--	--	0.57	0.21	0.37	0.41	0.54	--	0.27	0.16	0.12	0.21	0.33
Toluene (Micrograms/cubic meter)	4000	3.42	1.06	0.826	0.95	2.76	3.57	1.82	2.95	1.36	1.13	--	--	6.07	2.16	3.7	8.18	11.7	--	3.59	3.26	1.38	3.59	5.88
Trichloroethylene (Micrograms/cubic meter)	10000	ND	ND	ND	ND	0.091	ND	ND	ND	ND	ND	--	--	ND	ND	ND	0.054	0.11	--	ND	ND	ND	ND	ND
Vinyl chloride (Micrograms/cubic meter)	1000	0.038	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
o-Xylene (Micrograms/cubic meter)**	9000	0.669	0.21	0.15	0.14	0.434	0.582	0.38	0.513	0.28	0.22	--	--	1.08	0.439	0.678	1.65	2	--	0.704	0.574	0.26	0.682	0.93

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.