Bright Kids Montessori Academy
El Monte, CA

Other Monitored Toxic Air Pollutants

Interim Monitoring Results

Key Pollutant	Sample Screening Level	8/5/2009	8/11/2009	8/17/2009	8/29/2009	9/4/2009	9/10/2009	9/16/2009	9/22/2009	9/28/2009	10/4/2009	10/7/2009	10/10/2009	10/13/2009	10/16/2009	10/19/2009	10/22/2009	10/25/2009	10/28/2009	1/20/2010	1/23/2010	1/26/2010	1/29/2010	2/4/2010	2/7/2010	2/10/2010	2/16/2010	2/19/2010	2/25/2010	2/28/2010
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
1,3-Butadiene (Micrograms/cubic meter)	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.385	0.299	0.15	ND	0.243	0.266	0.421	0.18	0.044	0.354	0.62	0.14	0.288	0.226
1,4-Dichlorobenzene (Micrograms/cubic meter)	10000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.35	0.31	0.2	0.12	ND	ND	0.36	0.24	ND	0.3	1.38	0.072	0.19	0.23
Acetonitrile (Micrograms/cubic meter)**	600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.447	0.442	0.173	0.168	0.168	0.252	0.252	0.218	0.202	0.185	0.386	0.22	0.245	0.178
Acrylonitrile (Micrograms/cubic meter)	200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.391	ND	ND	ND
Benzene (Micrograms/cubic meter)	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.46	2.55	0.79	1.02	1.6	1.92	2.65	1.53	0.767	1.85	3.42	0.742	1.67	1.45
Benzo[a]anthracene (Micrograms/cubic meter)	64	ND	ND	ND	--	0.0001	0.00011	ND	0.00013	0.00019			0.00007		0.00015		0.00014		0.00005											

Benzo[a]pyrene (Micrograms/cubic meter)	6.4	0.00023	0.00013	0.00004	--	0.00006	0.00011	0.00008	0.00014	0.00022			0.00007		0.0001		0.00012		0.00004											
Benzo[b]fluoranthene (Micrograms/cubic meter)	64	0.00054	0.00037	0.00009	--	0.00019	0.00026	0.00018	0.00031	0.00058			0.00013		0.00029		0.00026		0.0001											
Benzo[k]fluoranthene (Micrograms/cubic meter)	64	0.00021	0.0001	ND	--	0.00004	ND	ND	ND	0.00015			0.00004		0.00009		ND		0.00005											
Benzyl chloride (Micrograms/cubic meter)	140	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	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
Bromomethane (Micrograms/cubic meter)**	200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.1	0.1	0.051	ND	ND	0.039	0.078	0.078	0.039	0.078	0.078	0.066	0.054	0.058
Carbon disulfide (Micrograms/cubic meter)**	7000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.1	0.1	0.037	0.062	ND	0.062	0.062	0.062	0.25	0.031	0.19	0.037	0.14	0.041
Carbon tetrachloride (Micrograms/cubic meter)**	200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.686	0.61	0.711	0.881	0.818	0.629	0.629	0.629	0.692	0.692	0.692	0.636	0.692	0.818
Chlorobenzene (Micrograms/cubic meter)	10000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane (Micrograms/cubic meter)	40000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.032	0.053	0.02	ND	ND	0.026	0.053	ND	ND	ND	0.16	0.032	0.032	ND
Chloroform (Micrograms/cubic meter)**	500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.562	0.29	0.18	0.2	0.15	0.24	0.2	0.2	0.15	0.24	0.34	0.11	0.25	ND
Chloromethane (Micrograms/cubic meter)**	1000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.55	1.67	1.18	1.1	1.1	1.2	1.2	1.2	1.2	1.22	1.57	1.27	1.24	1.3
Chloroprene (Micrograms/cubic meter)	200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	0.33	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene (Micrograms/cubic meter)	640	0.00084	0.00042	0.00017	--	0.00043	0.00042	0.00032	0.00044	0.00052			0.00019		0.00015		0.00032		0.00012											
Dichloromethane (Micrograms/cubic meter)**	2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.91	1.88	0.417	0.695	0.799	1.32	1.32	1.67	0.66	0.869	1.63	0.5	1.34	0.528

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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.995	1.11	0.24	0.35	0.608	0.999	1.39	0.739	0.26	0.782	1.74	0.32	0.904	0.543
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	0.12	0.24	ND	ND	ND
Hexachlorobutadiene (Micrograms/cubic meter)	320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl chloroform (Micrograms/cubic meter)	10000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.11	0.1	0.087	0.11	0.11	0.11	0.11	0.11	0.27	0.055	0.11	0.071	0.082	0.076
Methyl isobutyl ketone (Micrograms/cubic meter)	30000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.762	0.783	0.418	0.2	ND	0.533	0.656	0.574	0.25	0.492	0.37	0.627	0.39	0.34
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	0.036	ND	ND	ND	ND	ND	ND	ND	ND
Styrene (Micrograms/cubic meter)	9000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.23	0.16	0.04	0.26	0.21	0.3	0.34	0.26	0.17	0.21	0.597	0.16	0.3	0.16
Tetrachloroethylene (Micrograms/cubic meter)**	1400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.45	0.34	0.11	0.27	ND	0.48	0.41	0.2	0.2	0.2	0.54	0.11	0.3	0.12
Toluene (Micrograms/cubic meter)	4000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8.9	7.69	1.58	2.22	4	7.39	10.5	5.01	2.75	5.24	15.4	1.87	5.88	3.01
Trichloroethylene (Micrograms/cubic meter)	10000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.12	0.086	ND	ND	ND	0.11	ND	ND	ND	0.054	0.22	ND	0.11	ND
Vinyl chloride (Micrograms/cubic meter)**	1000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	0.01	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene (Micrograms/cubic meter)	9000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.2	1.29	0.27	0.434	0.695	1.13	1.74	0.826	0.26	0.826	2.48	0.36	1.01	0.513

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.