Temple Elementary School
Diboll, TX

Other Monitored Toxic Air Pollutants

Monitoring Results

Key Pollutant	Sample Screening Level	9/4/2009	9/10/2009	9/16/2009	9/22/2009	9/28/2009	10/4/2009	10/10/2009	10/16/2009	10/22/2009	10/28/2009	12/2/2009	12/8/2009	12/15/2009	12/21/2009	1/7/2010	1/14/2010	1/25/2010	2/1/2010	2/11/2010	2/16/2010	2/22/2010	3/1/2010	3/8/2010
1,1,2,2-Tetrachloroethane (Micrograms/cubic meter)	120	--	--	--	--	--	--	--	--	--	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
1,1-Dichloroethane (Micrograms/cubic meter)	4400	--	--	--	--	--	--	--	--	--	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
1,2,4-Trichlorobenzene (Micrograms/cubic meter)	2000	--	--	--	--	--	--	--	--	--	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
1,3-Butadiene (Micrograms/cubic meter)	20	--	--	--	--	--	--	--	--	--	0.062	ND	0.024	--	--	ND	ND	0.089	0.044	0.022	0.044	0.027	ND	0.033
1,4-Dichlorobenzene (Micrograms/cubic meter)	10000	--	--	--	--	--	--	--	--	--	0.02	ND	ND	--	--	ND	ND	ND	ND	ND	0.06	ND	ND	0.03
Acetonitrile (Micrograms/cubic meter)**	600	--	--	--	--	--	--	--	--	--	0.208	0.13	0.11	--	--	0.168	0.218	0.202	0.202	0.1	0.12	0.15	0.13	0.188
Acrylonitrile (Micrograms/cubic meter)	200	--	--	--	--	--	--	--	--	--	ND	ND	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene (Micrograms/cubic meter)	30	--	--	--	--	--	--	--	--	--	0.71	0.387	0.719	--	--	0.479	1.12	1.05	1.34	0.671	0.639	0.726	0.611	0.607
Benzyl chloride (Micrograms/cubic meter)	140	--	--	--	--	--	--	--	--	--	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
Bromomethane (Micrograms/cubic meter)**	200	--	--	--	--	--	--	--	--	--	0.047	0.043	0.054	--	--	ND	ND	ND	ND	0.078	0.039	0.03	0.043	0.043
Carbon disulfide (Micrograms/cubic meter)**	7000	--	--	--	--	--	--	--	--	--	0.053	0.044	0.065	--	--	0.031	ND	ND	0.031	0.031	0.093	0.034	0.02	0.02

Carbon tetrachloride (Micrograms/cubic meter)**	200	--	--	--	--	--	--	--	--	--	0.699	0.692	0.762	--	--	0.692	0.881	0.629	0.881	0.629	0.755	0.718	0.862	0.806
Chlorobenzene (Micrograms/cubic meter)	10000	--	--	--	--	--	--	--	--	--	ND	ND	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane (Micrograms/cubic meter)	40000	--	--	--	--	--	--	--	--	--	0.02	0.04	0.037	--	--	ND	ND	ND	ND	0.026	ND	ND	ND	ND
Chloroform (Micrograms/cubic meter)**	500	--	--	--	--	--	--	--	--	--	0.1	0.093	0.11	--	--	ND	0.15	0.098	0.098	0.098	0.098	ND	0.068	0.098
Chloromethane (Micrograms/cubic meter)**	1000	--	--	--	--	--	--	--	--	--	1.5	1.02	1.19	--	--	1.07	1.14	1.22	1.53	1.12	1.24	1.08	1.23	1.19
Chloroprene (Micrograms/cubic meter)	200	--	--	--	--	--	--	--	--	--	ND	ND	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichloromethane (Micrograms/cubic meter)**	2000	--	--	--	--	--	--	--	--	--	0.23	0.22	0.26	--	--	0.348	0.31	0.31	0.24	0.21	0.28	0.24	0.25	0.26
Ethyl acrylate (Micrograms/cubic meter)	7000	--	--	--	--	--	--	--	--	--	ND	ND	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene (Micrograms/cubic meter)	40000	--	--	--	--	--	--	--	--	--	0.087	0.091	0.087	--	--	ND	0.17	0.35	0.22	0.087	0.17	0.1	0.091	0.15
Ethylene dibromide (Micrograms/cubic meter)	12	--	--	--	--	--	--	--	--	--	ND	ND	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylene dichloride (Micrograms/cubic meter)	270	--	--	--	--	--	--	--	--	--	ND	ND	ND	--	--	ND	0.2	ND	ND	ND	0.081	0.073	0.069	ND
Hexachlorobutadiene (Micrograms/cubic meter)**	320	--	--	--	--	--	--	--	--	--	0.03	ND	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl chloroform (Micrograms/cubic meter)**	10000	--	--	--	--	--	--	--	--	--	0.19	0.076	0.093	--	--	ND	0.16	ND	0.055	0.055	0.055	0.055	0.06	0.082
Methyl isobutyl ketone (Micrograms/cubic meter)	30000	--	--	--	--	--	--	--	--	--	0.32	ND	0.434	--	--	ND	0.33	0.25	0.25	0.12	0.16	0.16	0.14	0.57
Methyl methacrylate (Micrograms/cubic meter)	7000	--	--	--	--	--	--	--	--	--	ND	ND	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether (Micrograms/cubic meter)	7000	--	--	--	--	--	--	--	--	--	ND	0.03	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene (Micrograms/cubic meter)	9000	--	--	--	--	--	--	--	--	--	0.081	ND	ND	--	--	ND	ND	0.13	0.085	0.043	0.085	0.068	0.068	0.09
Tetrachloroethylene (Micrograms/cubic meter)**	1400	--	--	--	--	--	--	--	--	--	0.05	ND	0.095	--	--	ND	ND	0.2	ND	0.068	0.14	ND	ND	0.05

Toluene (Micrograms/cubic meter)	4000	--	--	--	--	--	--	--	--	--	0.385	0.28	0.641	--	--	0.3	0.792	1.36	1.02	0.566	0.566	0.452	0.32	0.852
Trichloroethylene (Micrograms/cubic meter)	10000	--	--	--	--	--	--	--	--	--	ND	ND	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride (Micrograms/cubic meter)	1000	--	--	--	--	--	--	--	--	--	ND	ND	0.02	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene (Micrograms/cubic meter)	9000	--	--	--	--	--	--	--	--	--	0.074	0.07	0.065	--	--	ND	0.13	0.39	0.17	0.087	0.17	0.074	0.065	0.12

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