San Jacinto Elementary School / Deer Park Junior High School
Deer Park, 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	11/2/2009	11/3/2009	11/23/2009	11/30/2009	12/3/2009	12/7/2009	12/8/2009	12/14/2009	12/21/2009	12/22/2009	1/11/2010
1,1,2,2-Tetrachloroethane (Micrograms/cubic meter)	120	--	--	--	--	--	--	--	--	--	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
1,1-Dichloroethane (Micrograms/cubic meter)	4400	--	--	--	--	--	--	--	--	--	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
1,2,4-Trichlorobenzene (Micrograms/cubic meter)	2000	--	--	--	--	--	--	--	--	--	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
1,4-Dichlorobenzene (Micrograms/cubic meter)	10000	--	--	--	--	--	--	--	--	--	0.09	0.1		ND	ND	ND	ND	--	0.05	ND	ND	0.18
Acetonitrile (Micrograms/cubic meter)	600	--	--	--	--	--	--	--	--	--	0.48	0.435		0.215	0.215	0.354	0.242	--	1.71	0.12	0.13	10
Acrylonitrile (Micrograms/cubic meter)**	200	--	--	--	--	--	--	--	--	--	0.18	ND		ND	ND	ND	ND	--	ND	0.358	0.549	0.673
Benzo[a]anthracene (Micrograms/cubic meter)	64	ND	ND	0.00002	0.00002	0.00002	ND	0.00002	0.00002	0.00004	ND		0.00002									
Benzo[b]fluoranthene (Micrograms/cubic meter)	64	0.00003	0.00003	0.00005	ND	0.00004	0.00002	0.00003	0.00004	0.00005	0.00002		0.00008									
Benzo[k]fluoranthene (Micrograms/cubic meter)	64	ND	ND	ND	ND	ND	ND	0.00002	0.00001	ND	ND		ND									
Benzyl chloride (Micrograms/cubic meter)	140	--	--	--	--	--	--	--	--	--	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
Bromomethane (Micrograms/cubic meter)**	200	--	--	--	--	--	--	--	--	--	0.066	0.097		0.078	0.062	0.058	0.051	--	0.054	0.047	0.03	ND

Carbon disulfide (Micrograms/cubic meter)**	7000	--	--	--	--	--	--	--	--	--	0.087	0.065		0.056	0.18	0.044	0.087	--	0.078	0.02	0.041	1.9
Carbon tetrachloride (Micrograms/cubic meter)**	200	--	--	--	--	--	--	--	--	--	0.793	0.61		0.54	0.59	0.699	0.692	--	0.68	0.636	0.6	1.13
Chlorobenzene (Micrograms/cubic meter)	10000	--	--	--	--	--	--	--	--	--	ND	ND		ND	0.083	ND	0.23	--	0.19	ND	ND	ND
Chloroethane (Micrograms/cubic meter)	40000	--	--	--	--	--	--	--	--	--	0.034	0.029		0.048	0.037	ND	0.095	--	0.14	ND	ND	ND
Chloroform (Micrograms/cubic meter)	500	--	--	--	--	--	--	--	--	--	0.25	0.33		0.17	0.13	0.14	0.2	--	0.3	0.13	0.098	0.24
Chloromethane (Micrograms/cubic meter)**	1000	--	--	--	--	--	--	--	--	--	1.75	1.08		1.1	0.831	0.998	1.17	--	1.12	1.07	0.868	1.16
Chloroprene (Micrograms/cubic meter)	200	--	--	--	--	--	--	--	--	--	ND	ND		ND	ND	ND	ND	--	ND	ND	ND	0.435
Chrysene (Micrograms/cubic meter)	640	0.00009	0.00006	0.0001	0.00002	0.00007	0.00003	0.00005	0.00007	0.00006	0.00005		0.00008									
Dichloromethane (Micrograms/cubic meter)**	2000	--	--	--	--	--	--	--	--	--	1.97	1.62		0.525	0.34	0.26	0.539	--	0.928	0.525	0.455	0.973
Ethyl acrylate (Micrograms/cubic meter)	7000	--	--	--	--	--	--	--	--	--	ND	ND		ND	ND	ND	ND	--	ND	ND	ND	0.778
Ethylbenzene (Micrograms/cubic meter)	40000	--	--	--	--	--	--	--	--	--	0.38	1.5		0.17	0.22	0.35	0.3	--	0.461	0.13	0.12	0.652
Ethylene dibromide (Micrograms/cubic meter)	12	--	--	--	--	--	--	--	--	--	ND	ND		ND	ND	ND	ND	--	ND	ND	ND	ND
Ethylene dichloride (Micrograms/cubic meter)	270	--	--	--	--	--	--	--	--	--	ND	0.64		ND	ND	ND	0.603	--	0.753	ND	ND	0.36
Hexachlorobutadiene (Micrograms/cubic meter)	320	--	--	--	--	--	--	--	--	--	ND	ND		ND	ND	ND	ND	--	ND	ND	ND	ND
Methyl chloroform (Micrograms/cubic meter)**	10000	--	--	--	--	--	--	--	--	--	0.087	0.13		0.076	0.076	0.082	0.093	--	0.071	0.055	0.055	0.11
Methyl isobutyl ketone (Micrograms/cubic meter)**	30000	--	--	--	--	--	--	--	--	--	0.73	0.553		0.34	0.29	0.11	0.549	--	0.25	0.22	0.422	0.33
Methyl methacrylate (Micrograms/cubic meter)	7000	--	--	--	--	--	--	--	--	--	ND	0.5		ND	ND	0.35	0.29	--	1.78	ND	ND	2.7
Methyl tert-butyl ether (Micrograms/cubic meter)**	7000	--	--	--	--	--	--	--	--	--	0.047	11.4		0.57	0.83	0.23	4.04	--	11	0.02	ND	0.18

Naphthalene (Micrograms/cubic meter)	30	0.131	0.0979	0.0663	0.0522	0.0584	0.0237	0.0325	0.0621	0.0166	0.0419		0.154									
Styrene (Micrograms/cubic meter)**	9000	--	--	--	--	--	--	--	--	--	0.11	0.26		0.11	0.12	0.081	0.31	--	0.24	0.047	0.03	0.17
Tetrachloroethylene (Micrograms/cubic meter)**	1400	--	--	--	--	--	--	--	--	--	0.34	0.14		0.15	ND	0.1	0.075	--	0.37	0.13	0.068	0.54
Toluene (Micrograms/cubic meter)**	4000	--	--	--	--	--	--	--	--	--	2.83	10.2		1.38	1.74	1.21	3.17	--	4.11	0.46	0.716	5.39
Trichloroethylene (Micrograms/cubic meter)	10000	--	--	--	--	--	--	--	--	--	ND	0.11		ND	0.893	ND	0.21	--	0.13	ND	ND	ND
Vinyl chloride (Micrograms/cubic meter)**	1000	--	--	--	--	--	--	--	--	--	0.061	0.079		0.036	0.12	0.077	0.049	--	0.25	ND	ND	1.33
o-Xylene (Micrograms/cubic meter)	9000	--	--	--	--	--	--	--	--	--	0.439	1.12		0.13	0.13	0.27	0.22	--	0.31	0.078	0.091	1.26

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.