Harriet Tubman Middle School
Portland, OR

Other Monitored Toxic Air Pollutants

Monitoring Results

Key Pollutant	Sample Screening Level	8/23/2009	8/29/2009	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	11/3/2009
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
1,4-Dichlorobenzene (Micrograms/cubic meter)**	10000	0.04	0.06	0.04	0.084	0.06	ND	0.04	--	0.084	0.078	0.06	0.05	0.066
Acetonitrile (Micrograms/cubic meter)**	600	6.85	14	20.8	15	23.2	40.1	1.88	--	19.3	32.6	11.3	19.3	16.6
Acrylonitrile (Micrograms/cubic meter)	200	0.2	ND	ND	ND	ND	ND	ND	--	ND	ND	0.085	ND	ND

Antimony (Nanograms/cubic meter)	2000	0.86	0.83	1.21	2.66	2.78	1.28	3.12	2.96	1.8	5.47	7.47	6.03	1.24
Arsenic (Nanograms/cubic meter)	150	0.16	0.25	0.28	0.54	1.15	ND	ND	1.03	0.61	2.93	2.54	8.13	1.19
Benzyl chloride (Micrograms/cubic meter)	140	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
Beryllium (Nanograms/cubic meter)	20	ND	0.002	0.05	0.006	0.008	0.0003	0.002	0.009	0.04	ND	0.04	0.02	ND
Bromoform (Micrograms/cubic meter)**	6400	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
Bromomethane (Micrograms/cubic meter)**	200	0.093	0.082	0.074	0.062	0.051	ND	0.047	--	0.039	0.043	0.058	0.03	0.039
Cadmium (Nanograms/cubic meter)	30	0.05	0.22	0.07	23.1	4.81	2.41	15.7	22.6	0.12	5.45	2.4	17.6	0.29
Carbon disulfide (Micrograms/cubic meter)**	7000	0.23	0.23	0.19	0.11	0.29	0.361	0.09	--	0.072	0.14	0.1	0.069	0.087
Carbon tetrachloride (Micrograms/cubic meter)**	200	0.655	0.661	0.724	0.629	0.59	0.749	0.686	--	0.57	0.724	0.6	0.806	0.636
Chlorobenzene (Micrograms/cubic meter)	10000	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
Chloroethane (Micrograms/cubic meter)**	40000	0.02	0.034	0.026	0.02	0.029	ND	0.037	--	ND	0.042	0.034	0.01	0.063
Chloroform (Micrograms/cubic meter)**	500	0.19	0.21	0.15	0.16	0.21	0.15	0.17	--	0.13	0.22	0.15	0.17	0.17
Chloromethane (Micrograms/cubic meter)**	1000	1.37	1.48	1.26	1.22	1.22	1.36	1.27	--	1.2	1.34	1.28	1.21	1.01
Chloroprene (Micrograms/cubic meter)	200	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
Cobalt (Nanograms/cubic meter)	100	ND	0.52	0.56	0.18	0.24	0.41	0.43	0.35	0.25	0.37	0.76	0.21	1.03

Dichloromethane (Micrograms/cubic meter)**	2000	0.775	0.636	1.01	0.455	1.79	0.57	0.747	--	0.521	2.98	1.08	1.47	1.04
Ethyl acrylate (Micrograms/cubic meter)	7000	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
Ethylbenzene (Micrograms/cubic meter)**	40000	0.36	0.487	0.24	0.42	0.63	0.2	0.2	--	0.32	0.934	0.908	0.495	0.665
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	ND	ND	ND	--	ND	ND	ND	0.065	ND
Formaldehyde (Micrograms/cubic meter)	50	3.43	3.23	3.08	2.92	1.83	5.32	3.22	2	3.04	2.83	2.05	1.61	1.75
Hexachlorobutadiene (Micrograms/cubic meter)	320	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	0.04	ND
Mercury (Nanograms/cubic meter)	3000	ND	ND	0.04	0.01	0.004	ND	0.004	0.005	0.03	0.06	0.05	0.02	ND
Methyl chloroform (Micrograms/cubic meter)**	10000	0.071	0.066	0.066	0.066	0.071	ND	0.071	--	0.055	0.082	0.071	0.076	0.076
Methyl isobutyl ketone (Micrograms/cubic meter)**	30000	0.607	1.11	0.943	0.717	0.31	0.31	0.11	--	0.545	0.463	0.734	0.439	0.16
Methyl methacrylate (Micrograms/cubic meter)	7000	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	0.03	ND
Methyl tert-butyl ether (Micrograms/cubic meter)	7000	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
Propionaldehyde (Micrograms/cubic meter)	80	0.2	0.328	0.318	0.264	0.19	0.376	0.254	0.19	0.2	0.338	0.261	0.16	0.18

Selenium (Nanograms/cubic meter)	20000	0.14	0.4	0.41	0.28	5.39	2.56	5.87	5.06	0.42	9.32	2.01	8.04	0.32
Styrene (Micrograms/cubic meter)**	9000	0.507	0.537	0.34	0.618	0.37	0.25	0.15	--	0.443	0.575	0.507	0.31	0.2
Tetrachloroethylene (Micrograms/cubic meter)	1400	0.068	0.13	0.1	0.13	0.23	0.095	0.12	--	0.11	0.821	0.26	0.45	0.31
Toluene (Micrograms/cubic meter)**	4000	0.894	1.86	1.43	2.76	2.39	1.15	0.984	--	1.89	5.32	5.81	3.06	4.03
Trichloroethylene (Micrograms/cubic meter)**	10000	0.04	ND	ND	0.03	0.065	ND	ND	--	ND	0.23	0.07	0.12	ND
Vinyl chloride (Micrograms/cubic meter)**	1000	ND	ND	0.01	0.01	ND	ND	ND	--	ND	ND	0.008	0.005	ND
o-Xylene (Micrograms/cubic meter)	9000	0.39	0.591	0.23	0.4	0.652	0.21	0.17	--	0.34	0.93	0.982	0.539	0.565

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.