

US EPA ARCHIVE DOCUMENT

Other Monitored Toxic Air Pollutants

Additional Monitoring Results

Pollutant	Sample Screening Level	10/27/2011	10/28/2011	11/1/2011	11/2/2011	11/8/2011	11/9/2011	11/14/2011	12/1/2011	12/7/2011	12/13/2011	12/19/2011	12/29/2011
Acetonitrile (Micrograms/cubic meter)	600	--	--	0.16	--	0.15	--	0.215	0.097	0.091	0.15	0.12	0.074
Acrylonitrile (Micrograms/cubic meter)	200	--	--	ND	--	ND	--	ND	ND	ND	ND	ND	ND
Antimony (Nanograms/cubic meter)	2000	--	--	--	1.97	1.80	--	0.37	1.65	0.65	2.72	1.06	1.01
Benzo[a]anthracene (Micrograms/cubic meter)	64	--	0.00123	--	0.000375	--	0.000292	0.000613	0.00156	0.00291	0.00120	0.000122	0.0000959
Benzo[b]fluoranthene (Micrograms/cubic meter)	64	--	0.00202	--	0.000776	--	0.000709	0.000785	0.00256	0.00501	0.00228	0.000253	0.000234
Benzo[k]fluoranthene (Micrograms/cubic meter)	64	--	0.000695	--	0.000175	--	0.000161	0.000215	0.000793	0.00153	0.000653	0.0000787	0.0000562
Benzyl Chloride (Micrograms/cubic meter)	140	--	--	ND	--	ND	--	ND	ND	ND	ND	ND	ND
Beryllium (Nanograms/cubic meter)	20	--	--	--	0.03	0.04	--	0.01	0.02	0.09	0.03	0.004	0.02
Bromoform (Micrograms/cubic meter)	6400	--	--	ND	--	ND	--	ND	ND	ND	ND	0.07	ND
Bromomethane (Micrograms/cubic meter)	200	--	--	0.066	--	0.058	--	ND	0.03	ND	0.043	0.050	ND
Butadiene, 1,3- (Micrograms/cubic meter)	20	--	--	0.13	--	0.13	--	0.031	0.21	0.064	0.252	0.064	0.040
Cadmium (Nanograms/cubic meter)	30	--	--	--	0.24	0.19	--	0.06	0.44	0.10	0.58	0.11	0.11
Carbon Disulfide (Micrograms/cubic meter)	7000	--	--	0.10	--	0.090	--	0.062	0.065	0.062	0.062	0.040	0.034
Carbon Tetrachloride (Micrograms/cubic meter)	200	--	--	0.50	--	0.868	--	0.837	0.698	0.761	0.667	0.642	0.50
Chlorobenzene (Micrograms/cubic meter)	10000	--	--	ND	--	ND	--	ND	ND	ND	ND	ND	ND

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Additional Monitoring Results

Pollutant	Sample Screening Level	10/27/2011	10/28/2011	11/1/2011	11/2/2011	11/8/2011	11/9/2011	11/14/2011	12/1/2011	12/7/2011	12/13/2011	12/19/2011	12/29/2011
Chloroethane (Micrograms/cubic meter)	40000	--	--	ND	--	ND	--	ND	ND	ND	ND	ND	ND
Chloroform (Micrograms/cubic meter)	500	--	--	0.26	--	0.19	--	0.098	0.12	0.083	0.12	0.11	0.059
Chloromethane (Micrograms/cubic meter)	1000	--	--	1.18	--	1.12	--	1.31	1.05	1.08	1.07	1.01	0.781
Chloroprene (Micrograms/cubic meter)	70	--	--	ND	--	ND	--	ND	ND	ND	ND	ND	ND
Chromium (Nanograms/cubic meter)	580	--	--	--	15.3	13.1	--	11.4	9.54	8.91	10.7	9.70	13.0
Chrysene (Micrograms/cubic meter)	640	--	0.00168	--	0.000655	--	0.000540	0.000949	0.00241	0.00404	0.00191	0.000300	0.000256
Cobalt (Nanograms/cubic meter)	100	--	--	--	0.16	0.15	--	0.10	0.10	0.06	0.17	0.06	0.08
Dibenz[a,h]anthracene (Micrograms/cubic meter)	5.8	--	0.000168	--	0.0000538	--	0.0000498	0.0000666	0.000178	0.000383	0.000193	ND	ND
Dichlorobenzene, p- (Micrograms/cubic meter)	10000	--	--	0.084	--	0.078	--	0.04	0.04	ND	0.072	0.04	ND
Dichloroethane, 1,1- (Micrograms/cubic meter)	4400	--	--	ND	--	ND	--	ND	ND	ND	ND	ND	ND
Dichloroethylene, 1,1- (Micrograms/cubic meter)	80	--	--	ND	--	ND	--	ND	ND	ND	ND	ND	ND
Dichloromethane (Micrograms/cubic meter)	2000	--	--	0.445	--	0.549	--	0.570	0.361	0.27	1.26	0.28	0.851
Dichloropropane, 1,2- (Micrograms/cubic meter)	200	--	--	ND	--	ND	--	ND	ND	ND	ND	ND	ND
Dichloropropylene, cis-1,3- (Micrograms/cubic meter)	14	--	--	ND	--	ND	--	ND	ND	ND	ND	ND	ND
Dichloropropylene, trans-1,3- (Micrograms/cubic meter)	14	--	--	ND	--	ND	--	ND	ND	ND	ND	ND	ND

Other Monitored Toxic Air Pollutants

Additional Monitoring Results

Pollutant	Sample Screening Level	10/27/2011	10/28/2011	11/1/2011	11/2/2011	11/8/2011	11/9/2011	11/14/2011	12/1/2011	12/7/2011	12/13/2011	12/19/2011	12/29/2011
Ethyl Acrylate (Micrograms/cubic meter)	20000	--	--	ND	--	ND	--	ND	ND	ND	ND	ND	ND
Ethylbenzene (Micrograms/cubic meter)	40000	--	--	0.32	--	0.38	--	0.15	0.43	0.31	0.34	0.20	0.074
Ethylene dibromide (Micrograms/cubic meter)	12	--	--	ND	--	ND	--	ND	ND	ND	ND	0.05	ND
Ethylene dichloride (Micrograms/cubic meter)	270	--	--	0.12	--	0.093	--	0.097	ND	0.077	0.081	0.089	0.053
Hexachloro-1,3-butadiene (Micrograms/cubic meter)	320	--	--	ND	--	ND	--	ND	ND	ND	0.11	0.04	ND
Indeno[1,2,3-cd]pyrene (Micrograms/cubic meter)	640	--	0.000831	--	0.000353	--	0.000298	0.000288	0.00107	0.00206	0.00104	0.000125	0.000114
Manganese (Nanograms/cubic meter)	500	--	--	--	19.6	21.5	--	9.06	14.1	6.81	28.1	8.06	8.74
Mercury (Nanograms/cubic meter)	3000	--	--	--	0.03	0.02	--	0.03	0.03	0.03	0.02	0.005	0.01
Methyl Chloroform (Micrograms/cubic meter)	10000	--	--	0.076	--	0.071	--	0.060	0.087	ND	0.04	0.071	ND
Methyl isobutyl ketone (Micrograms/cubic meter)	30000	--	--	0.12	--	0.11	--	0.066	0.086	0.074	0.090	0.053	ND
Methyl Methacrylate (Micrograms/cubic meter)	7000	--	--	ND	--	ND	--	ND	ND	ND	ND	ND	ND
Methyl tert-Butyl Ether (Micrograms/cubic meter)	7000	--	--	ND	--	ND	--	ND	ND	ND	ND	ND	ND
Naphthalene (Micrograms/cubic meter)	30	--	0.404	--	0.208	--	0.178	0.310	0.681	0.945	0.434	0.118	0.0752
Nickel (Nanograms/cubic meter)	200	--	--	--	2.13	1.85	--	0.96	1.01	0.60	1.90	0.61	1.22
Selenium (Nanograms/cubic meter)	20000	--	--	--	2.15	2.25	--	0.64	2.49	1.01	4.70	0.84	2.06

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Additional Monitoring Results

Pollutant	Sample Screening Level	10/27/2011	10/28/2011	11/1/2011	11/2/2011	11/8/2011	11/9/2011	11/14/2011	12/1/2011	12/7/2011	12/13/2011	12/19/2011	12/29/2011
Styrene (Micrograms/cubic meter)	9000	--	--	0.15	--	0.12	--	0.10	0.27	0.15	0.29	0.16	0.03
Tetrachloroethane, 1,1,2,2- (Micrograms/cubic meter)	120	--	--	ND	--	ND	--	ND	ND	ND	ND	ND	ND
Tetrachloroethylene (Micrograms/cubic meter)	1400	--	--	0.20	--	0.25	--	0.06	0.13	0.075	0.16	0.095	0.05
Toluene (Micrograms/cubic meter)	4000	--	--	1.40	--	1.96	--	0.595	1.90	1.51	2.02	0.757	0.426
Trichlorobenzene, 1,2,4- (Micrograms/cubic meter)	2000	--	--	ND	--	ND	--	ND	ND	ND	0.082	0.03	ND
Trichloroethane, 1,1,2- (Micrograms/cubic meter)	440	--	--	ND	--	ND	--	ND	ND	ND	ND	ND	ND
Trichloroethylene (Micrograms/cubic meter)	10000	--	--	0.10	--	ND	--	ND	ND	ND	0.12	0.064	ND
Vinyl chloride (Micrograms/cubic meter)	1000	--	--	ND	--	ND	--	ND	ND	ND	ND	0.01	ND
Xylene, m/p- (Micrograms/cubic meter)	3000	--	--	0.868	--	1.10	--	0.29	0.994	0.673	0.908	0.456	0.20
Xylene, o- (Micrograms/cubic meter)	9000	--	--	0.36	--	0.439	--	0.11	0.40	0.24	0.37	0.22	0.078

ND = Pollutant Not Detected
— = Sample not taken or invalid

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	1/4/2012	1/10/2012	1/19/2012	1/25/2012	1/31/2012	2/6/2012	2/15/2012	2/21/2012	2/27/2012	3/15/2012	3/21/2012
Acetonitrile (Micrograms/cubic meter)	600	0.072	0.13	0.084	0.233	0.15	0.178	0.16	0.11	0.10	0.245	0.361
Acrylonitrile (Micrograms/cubic meter)	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Antimony (Nanograms/cubic meter)	2000	1.17	1.88	0.61	1.64	0.78	1.41	3.63	0.56	0.88	0.70	5.46
Benzo[a]anthracene (Micrograms/cubic meter)	64	0.000279	0.00460	0.00683	0.000893	0.0000974	0.00142	0.00282	0.000450	0.00448	0.000164	0.00329
Benzo[b]fluoranthene (Micrograms/cubic meter)	64	0.000498	0.00514	0.00816	0.00166	0.000169	0.00234	0.00271	0.000691	0.00661	0.000264	0.00526
Benzo[k]fluoranthene (Micrograms/cubic meter)	64	0.000128	0.00180	0.00296	0.000519	0.0000594	0.000794	0.000892	0.000254	0.00223	0.0000789	0.00167
Benzyl Chloride (Micrograms/cubic meter)	140	--	--	--	--	--	--	--	--	--	--	--
Beryllium (Nanograms/cubic meter)	20	0.01	0.02	0.02	0.02	0.02	0.008	0.002	0.008	0.03	0.02	0.02
Bromoform (Micrograms/cubic meter)	6400	ND	ND	ND	ND	ND	0.08	ND	ND	ND	ND	0.10
Bromomethane (Micrograms/cubic meter)	200	ND	ND	ND	ND	ND	0.050	0.047	0.050	ND	0.054	0.062
Butadiene, 1,3- (Micrograms/cubic meter)	20	0.062	0.22	0.095	0.11	0.033	0.14	0.17	0.064	0.080	ND	0.088
Cadmium (Nanograms/cubic meter)	30	0.11	0.59	0.11	0.26	0.10	0.11	0.17	0.07	0.10	0.20	0.26
Carbon Disulfide (Micrograms/cubic meter)	7000	0.044	0.081	0.050	0.044	0.02	0.062	0.075	0.040	0.056	0.065	0.20
Carbon Tetrachloride (Micrograms/cubic meter)	200	0.692	0.711	0.47	0.654	0.60	0.654	0.53	0.768	0.648	0.61	0.881
Chlorobenzene (Micrograms/cubic meter)	10000	ND	ND	ND	ND	ND	ND	0.04	ND	ND	ND	0.04

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

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Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	1/4/2012	1/10/2012	1/19/2012	1/25/2012	1/31/2012	2/6/2012	2/15/2012	2/21/2012	2/27/2012	3/15/2012	3/21/2012
Ethyl Acrylate (Micrograms/cubic meter)	20000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene (Micrograms/cubic meter)	40000	0.14	0.37	0.16	0.31	0.082	0.20	0.465	0.12	0.18	0.12	0.781
Ethylene dibromide (Micrograms/cubic meter)	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Ethylene dichloride (Micrograms/cubic meter)	270	0.085	0.069	0.073	0.11	0.081	0.097	0.089	0.10	0.065	0.097	0.089
Hexachloro-1,3-butadiene (Micrograms/cubic meter)	320	ND	ND	ND	ND	ND	0.09	ND	0.12	ND	ND	0.06
Indeno[1,2,3-cd]pyrene (Micrograms/cubic meter)	640	0.000178	0.00204	0.00324	0.000726	0.0000841	0.00120	0.000876	0.000256	0.00255	0.000119	0.00193
Manganese (Nanograms/cubic meter)	500	19.3	13.8	9.12	17.0	19.9	16.2	12.3	10.2	15.8	15.4	12.4
Mercury (Nanograms/cubic meter)	3000	0.03	0.05	0.04	0.02	0.01	0.01	0.003	0.004	0.02	0.02	0.02
Methyl Chloroform (Micrograms/cubic meter)	10000	0.060	0.05	0.03	0.065	0.05	0.071	0.055	0.076	0.04	0.060	0.087
Methyl isobutyl ketone (Micrograms/cubic meter)	30000	ND	0.12	ND	0.13	0.070	0.078	0.12	0.074	0.10	0.14	0.15
Methyl Methacrylate (Micrograms/cubic meter)	7000	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
Naphthalene (Micrograms/cubic meter)	30	0.297	1.980	1.740	0.538	0.0459	0.401	6.970	0.225	1.500	0.131	7.060
Nickel (Nanograms/cubic meter)	200	0.76	1.05	3.17	4.29	0.84	0.79	1.28	0.68	0.73	1.20	2.04
Selenium (Nanograms/cubic meter)	20000	1.79	1.31	1.38	1.37	1.14	1.03	2.10	0.96	1.17	1.01	2.46

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	1/4/2012	1/10/2012	1/19/2012	1/25/2012	1/31/2012	2/6/2012	2/15/2012	2/21/2012	2/27/2012	3/15/2012	3/21/2012
Styrene (Micrograms/cubic meter)	9000	0.068	0.26	0.11	0.15	ND	0.085	0.528	0.055	0.12	ND	0.694
Tetrachloroethane, 1,1,2,2- (Micrograms/cubic meter)	120	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Tetrachloroethylene (Micrograms/cubic meter)	1400	0.12	0.10	0.05	0.19	0.06	0.12	0.15	0.095	0.10	0.081	0.18
Toluene (Micrograms/cubic meter)	4000	0.652	3.25	1.14	1.86	0.467	1.29	4.75	0.889	1.65	0.806	5.05
Trichlorobenzene, 1,2,4- (Micrograms/cubic meter)	2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethane, 1,1,2- (Micrograms/cubic meter)	440	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (Micrograms/cubic meter)	10000	ND	ND	0.580	0.064	ND	0.054	ND	ND	ND	ND	0.064
Vinyl chloride (Micrograms/cubic meter)	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01
Xylene, m/p- (Micrograms/cubic meter)	3000	0.32	1.29	0.460	0.786	0.19	0.486	1.70	0.28	0.543	0.29	2.55
Xylene, o- (Micrograms/cubic meter)	9000	0.13	0.439	0.16	0.32	0.078	0.20	0.569	0.11	0.18	0.13	0.873

ND = Pollutant Not Detected
— = Sample not taken or invalid

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	3/27/2012	4/2/2012	4/12/2012	4/18/2012	4/24/2012	4/30/2012	5/10/2012	5/16/2012	5/22/2012	5/29/2012	6/4/2012
Acetonitrile (Micrograms/cubic meter)	600	0.13	0.16	0.13	0.15	0.267	0.500	0.196	0.416	0.232	0.364	0.178
Acrylonitrile (Micrograms/cubic meter)	200	ND	0.345	ND	ND	ND	4.28	ND	ND	ND	ND	ND
Antimony (Nanograms/cubic meter)	2000	--	2.73	2.08	1.66	1.94	1.39	1.55	2.22	3.14	--	--
Benzo[a]anthracene (Micrograms/cubic meter)	64	0.000790	0.00351	0.00194	0.000614	0.00664	0.00682	0.00248	0.000723	0.00246	0.000979	0.000267
Benzo[b]fluoranthene (Micrograms/cubic meter)	64	0.00147	0.00509	0.00299	0.00101	0.0101	0.00910	0.00462	0.00123	0.00365	0.00131	0.000454
Benzo[k]fluoranthene (Micrograms/cubic meter)	64	0.000439	0.00158	0.00106	0.000321	0.00374	0.00275	0.00132	0.000376	0.00110	0.000393	0.000125
Benzyl Chloride (Micrograms/cubic meter)	140	--	--	--	--	--	--	--	--	--	--	--
Beryllium (Nanograms/cubic meter)	20	--	0.01	0.01	0.01	0.03	0.02	0.01	0.02	0.03	--	--
Bromoform (Micrograms/cubic meter)	6400	0.08	ND	ND	ND	0.07	0.10	ND	0.08	ND	ND	ND
Bromomethane (Micrograms/cubic meter)	200	0.054	0.03	0.03	0.03	0.054	0.066	0.039	0.062	0.043	0.043	ND
Butadiene, 1,3- (Micrograms/cubic meter)	20	0.073	0.11	0.075	0.066	0.093	0.11	0.091	0.051	0.058	0.053	ND
Cadmium (Nanograms/cubic meter)	30	--	0.51	0.22	0.40	0.13	0.10	0.15	0.53	0.65	--	--
Carbon Disulfide (Micrograms/cubic meter)	7000	0.075	0.075	0.056	0.075	0.10	0.21	0.10	0.065	0.12	0.11	0.12
Carbon Tetrachloride (Micrograms/cubic meter)	200	0.60	0.679	0.61	0.755	0.761	0.805	0.40	0.768	0.679	0.629	0.944
Chlorobenzene (Micrograms/cubic meter)	10000	ND	ND	ND	ND	ND	0.04	ND	0.04	ND	0.04	ND

Follansbee Middle School and Jefferson Primary Sch
Follansbee, WV

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

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Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	3/27/2012	4/2/2012	4/12/2012	4/18/2012	4/24/2012	4/30/2012	5/10/2012	5/16/2012	5/22/2012	5/29/2012	6/4/2012
Ethyl Acrylate (Micrograms/cubic meter)	20000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene (Micrograms/cubic meter)	40000	0.23	0.33	0.33	0.30	0.495	0.912	0.30	0.31	0.43	0.30	0.091
Ethylene dibromide (Micrograms/cubic meter)	12	0.05	ND	ND	ND	ND	ND	ND	0.05	ND	ND	ND
Ethylene dichloride (Micrograms/cubic meter)	270	0.10	0.081	0.081	0.11	0.13	0.12	0.089	0.15	0.081	0.089	ND
Hexachloro-1,3-butadiene (Micrograms/cubic meter)	320	0.06	ND	ND	ND	0.04	0.07	ND	0.05	ND	ND	ND
Indeno[1,2,3-cd]pyrene (Micrograms/cubic meter)	640	0.000551	0.00161	0.00106	0.000403	0.00377	0.00348	0.00220	0.000566	0.00138	0.000577	0.000163
Manganese (Nanograms/cubic meter)	500	--	13.4	14.8	15.3	16.5	18.6	12.8	17.2	24.0	--	--
Mercury (Nanograms/cubic meter)	3000	--	0.03	0.01	0.02	0.03	0.02	0.02	0.02	0.02	--	--
Methyl Chloroform (Micrograms/cubic meter)	10000	0.098	0.05	0.060	0.076	0.076	0.087	0.05	0.11	0.04	0.055	ND
Methyl isobutyl ketone (Micrograms/cubic meter)	30000	0.10	0.14	0.15	0.070	0.11	0.15	0.14	0.14	0.22	0.18	0.13
Methyl Methacrylate (Micrograms/cubic meter)	7000	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
Naphthalene (Micrograms/cubic meter)	30	0.343	2.480	1.160	0.438	3.460	4.840	2.680	0.247	2.600	0.920	0.0907
Nickel (Nanograms/cubic meter)	200	--	1.53	1.21	2.10	6.53	5.39	7.35	1.82	1.88	--	--
Selenium (Nanograms/cubic meter)	20000	--	1.92	0.89	1.18	0.95	1.61	0.77	1.36	2.63	--	--

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	3/27/2012	4/2/2012	4/12/2012	4/18/2012	4/24/2012	4/30/2012	5/10/2012	5/16/2012	5/22/2012	5/29/2012	6/4/2012
Styrene (Micrograms/cubic meter)	9000	0.17	0.29	0.22	0.17	0.596	1.05	0.34	0.23	0.545	0.20	ND
Tetrachloroethane, 1,1,2,2- (Micrograms/cubic meter)	120	0.05	ND	ND	ND	0.04	0.06	ND	0.05	ND	ND	ND
Tetrachloroethylene (Micrograms/cubic meter)	1400	0.16	0.088	0.088	0.12	0.15	0.31	0.088	0.17	0.12	0.075	0.22
Toluene (Micrograms/cubic meter)	4000	1.03	2.56	2.08	1.87	4.71	9.20	2.45	1.71	2.70	1.44	0.656
Trichlorobenzene, 1,2,4- (Micrograms/cubic meter)	2000	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethane, 1,1,2- (Micrograms/cubic meter)	440	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (Micrograms/cubic meter)	10000	0.054	ND	ND	ND	ND	0.059	ND	0.070	0.059	ND	ND
Vinyl chloride (Micrograms/cubic meter)	1000	0.02	ND	ND	ND	ND	ND	ND	0.02	ND	ND	ND
Xylene, m/p- (Micrograms/cubic meter)	3000	0.565	1.09	1.03	0.877	1.81	3.18	1.04	0.808	1.23	0.816	0.26
Xylene, o- (Micrograms/cubic meter)	9000	0.25	0.39	0.37	0.36	0.599	0.986	0.38	0.36	0.486	0.31	0.11

ND = Pollutant Not Detected
— = Sample not taken or invalid

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	6/14/2012	6/21/2012	6/27/2012	7/2/2012	7/9/2012	7/23/2012	8/2/2012	8/9/2012
Acetonitrile (Micrograms/cubic meter)	600	0.378	0.324	0.353	0.384	0.282	0.354	1.29	0.878
Acrylonitrile (Micrograms/cubic meter)	200	ND	ND	ND	ND	ND	ND	0.352	0.284
Antimony (Nanograms/cubic meter)	2000	4.63	1.32	3.87	2.00	6.16	2.37	4.05	0.95
Benzo[a]anthracene (Micrograms/cubic meter)	64	0.00336	0.000381	0.00148	0.00101	0.000805	0.000122	0.00245	0.000126
Benzo[b]fluoranthene (Micrograms/cubic meter)	64	0.00454	0.000429	0.00222	0.00143	0.00126	0.000147	0.00430	0.000200
Benzo[k]fluoranthene (Micrograms/cubic meter)	64	0.00145	0.0000953	0.000640	0.000474	0.000429	0.0000387	0.00146	0.0000473
Benzyl Chloride (Micrograms/cubic meter)	140	--	--	--	--	--	--	--	--
Beryllium (Nanograms/cubic meter)	20	0.02	0.01	0.02	0.01	0.01	0.03	0.03	0.03
Bromoform (Micrograms/cubic meter)	6400	ND	ND	0.12	0.07	ND	ND	ND	ND
Bromomethane (Micrograms/cubic meter)	200	0.039	0.043	0.062	0.054	0.03	0.10	0.039	0.03
Butadiene, 1,3- (Micrograms/cubic meter)	20	0.071	0.040	0.066	0.053	0.062	0.042	0.10	0.040
Cadmium (Nanograms/cubic meter)	30	0.10	0.11	0.14	0.23	0.26	0.15	0.17	0.11
Carbon Disulfide (Micrograms/cubic meter)	7000	0.355	0.536	0.22	0.20	0.480	0.12	0.383	0.24
Carbon Tetrachloride (Micrograms/cubic meter)	200	0.667	0.62	0.837	0.768	0.648	0.635	0.59	0.61
Chlorobenzene (Micrograms/cubic meter)	10000	ND	ND	0.078	0.046	ND	ND	ND	ND

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	6/14/2012	6/21/2012	6/27/2012	7/2/2012	7/9/2012	7/23/2012	8/2/2012	8/9/2012
Chloroethane (Micrograms/cubic meter)	40000	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform (Micrograms/cubic meter)	500	0.40	0.24	ND	0.30	0.27	0.13	ND	ND
Chloromethane (Micrograms/cubic meter)	1000	1.19	1.22	1.19	1.12	1.10	1.18	1.08	0.985
Chloroprene (Micrograms/cubic meter)	70	ND	ND	ND	ND	ND	ND	ND	ND
Chromium (Nanograms/cubic meter)	580	15.0	13.9	11.9	12.9	15.5	13.6	14.6	12.7
Chrysene (Micrograms/cubic meter)	640	0.00510	0.00119	0.00241	0.00219	0.00141	0.000418	0.00419	0.000525
Cobalt (Nanograms/cubic meter)	100	0.52	0.11	0.14	0.20	0.12	0.09	0.56	0.13
Dibenz[a,h]anthracene (Micrograms/cubic meter)	5.8	0.000329	0.0000477	0.000197	0.000125	0.000115	ND	0.000423	ND
Dichlorobenzene, p- (Micrograms/cubic meter)	10000	0.096	0.090	0.11	0.11	0.060	0.05	0.072	0.05
Dichloroethane, 1,1- (Micrograms/cubic meter)	4400	ND	ND	ND	ND	ND	ND	ND	ND
Dichloroethylene, 1,1- (Micrograms/cubic meter)	80	ND	ND	0.03	ND	ND	ND	ND	ND
Dichloromethane (Micrograms/cubic meter)	2000	0.799	0.361	0.577	0.365	0.33	0.27	0.643	0.591
Dichloropropane, 1,2- (Micrograms/cubic meter)	200	ND	ND	ND	ND	ND	ND	ND	ND
Dichloropropylene, cis-1,3- (Micrograms/cubic meter)	14	ND	ND	ND	ND	ND	ND	ND	ND
Dichloropropylene, trans-1,3- (Micrograms/cubic meter)	14	ND	ND	ND	ND	ND	ND	ND	ND

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	6/14/2012	6/21/2012	6/27/2012	7/2/2012	7/9/2012	7/23/2012	8/2/2012	8/9/2012
Ethyl Acrylate (Micrograms/cubic meter)	20000	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene (Micrograms/cubic meter)	40000	0.868	0.38	0.990	0.521	0.465	0.26	0.556	0.24
Ethylene dibromide (Micrograms/cubic meter)	12	ND	ND	0.085	0.05	ND	ND	ND	ND
Ethylene dichloride (Micrograms/cubic meter)	270	0.20	0.081	0.11	0.093	0.061	0.065	0.073	0.045
Hexachloro-1,3-butadiene (Micrograms/cubic meter)	320	ND	ND	0.09	0.05	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene (Micrograms/cubic meter)	640	0.00163	0.000143	0.000837	0.000609	0.000483	0.0000595	0.00192	0.0000738
Manganese (Nanograms/cubic meter)	500	13.2	15.9	18.6	9.77	20.7	13.3	16.4	13.3
Mercury (Nanograms/cubic meter)	3000	0.01	ND	ND	ND	ND	0.02	0.02	0.01
Methyl Chloroform (Micrograms/cubic meter)	10000	0.11	0.05	0.098	0.076	0.04	0.04	0.04	0.04
Methyl isobutyl ketone (Micrograms/cubic meter)	30000	0.27	0.29	0.21	0.18	0.32	0.23	0.23	0.094
Methyl Methacrylate (Micrograms/cubic meter)	7000	0.094	ND	0.098	ND	ND	ND	ND	ND
Methyl tert-Butyl Ether (Micrograms/cubic meter)	7000	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene (Micrograms/cubic meter)	30	6.530	0.329	1.960	2.070	0.869	0.278	3.320	0.146
Nickel (Nanograms/cubic meter)	200	1.46	1.00	1.03	1.29	1.28	0.77	1.14	0.81
Selenium (Nanograms/cubic meter)	20000	1.20	1.38	0.99	2.09	0.77	2.64	1.68	1.89

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	6/14/2012	6/21/2012	6/27/2012	7/2/2012	7/9/2012	7/23/2012	8/2/2012	8/9/2012
Styrene (Micrograms/cubic meter)	9000	0.890	0.28	0.32	0.32	0.32	0.23	0.452	0.18
Tetrachloroethane, 1,1,2,2- (Micrograms/cubic meter)	120	ND	ND	0.089	0.05	ND	ND	ND	ND
Tetrachloroethylene (Micrograms/cubic meter)	1400	0.35	0.12	0.19	0.17	0.095	0.068	0.088	0.075
Toluene (Micrograms/cubic meter)	4000	13.9	1.70	2.39	2.97	2.33	1.04	3.05	0.950
Trichlorobenzene, 1,2,4- (Micrograms/cubic meter)	2000	ND	ND	0.04	ND	ND	ND	ND	ND
Trichloroethane, 1,1,2- (Micrograms/cubic meter)	440	ND	ND	0.071	0.04	ND	ND	ND	ND
Trichloroethylene (Micrograms/cubic meter)	10000	0.054	ND	0.075	0.05	ND	ND	ND	ND
Vinyl chloride (Micrograms/cubic meter)	1000	ND	ND	0.02	0.01	ND	ND	ND	ND
Xylene, m/p- (Micrograms/cubic meter)	3000	2.70	0.947	3.09	1.53	1.38	0.595	1.65	0.556
Xylene, o- (Micrograms/cubic meter)	9000	1.04	0.439	0.682	0.551	0.547	0.28	0.643	0.26

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