

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results

Pollutant	Sample Screening Level	6/24/2011	7/7/2011	7/13/2011	7/19/2011	7/24/2011	7/25/2011	7/31/2011	8/6/2011	8/12/2011	8/18/2011	8/24/2011	8/30/2011
Acetonitrile (Micrograms/cubic meter)	600	0.361	0.561	0.418	0.426	0.400	--	0.452	--	--	0.423	0.316	0.364
Acrylonitrile (Micrograms/cubic meter)	200	ND	ND	ND	ND	ND	--	ND	--	--	ND	ND	ND
Antimony (Nanograms/cubic meter)	2000	2.33	4.60	1.44	--	--	1.41	1.98	1.18	1.76	2.78	1.71	2.00
Benzo[a]anthracene (Micrograms/cubic meter)	64	0.000193	0.00167	0.00127	0.00403	--	0.0000953	0.00117	0.000840	0.000390	0.00699	0.0000881	0.00260
Benzo[b]fluoranthene (Micrograms/cubic meter)	64	0.000305	0.00242	0.00173	0.00634	--	0.000191	0.00161	0.00154	0.000651	0.00999	0.000264	0.00449
Benzo[k]fluoranthene (Micrograms/cubic meter)	64	0.0000804	0.000727	0.000434	0.00204	--	0.0000545	0.000427	0.000427	0.000159	0.00292	0.0000609	0.00123
Benzyl Chloride (Micrograms/cubic meter)	140	ND	ND	ND	ND	0.093	--	ND	--	--	ND	ND	ND
Beryllium (Nanograms/cubic meter)	20	0.005	0.02	0.02	--	--	0.01	0.01	ND	0.01	0.04	0.02	0.03
Bromoform (Micrograms/cubic meter)	6400	ND	ND	ND	ND	0.16	--	ND	--	--	ND	ND	0.11
Bromomethane (Micrograms/cubic meter)	200	ND	0.10	0.058	0.093	0.093	--	0.058	--	--	0.047	0.047	0.089
Butadiene, 1,3- (Micrograms/cubic meter)	20	0.14	0.319	0.14	0.22	0.11	--	0.12	--	--	0.261	0.08	0.08
Cadmium (Nanograms/cubic meter)	30	0.16	3.27	0.26	--	--	0.15	0.28	1.31	0.30	2.83	1.13	1.63
Carbon Disulfide (Micrograms/cubic meter)	7000	0.053	0.12	0.062	0.11	0.069	--	0.072	--	--	0.20	0.18	0.069
Carbon Tetrachloride (Micrograms/cubic meter)	200	0.629	0.843	0.717	0.667	0.749	--	0.723	--	--	0.661	0.648	0.755
Chlorobenzene (Micrograms/cubic meter)	10000	ND	ND	ND	ND	0.065	--	ND	--	--	ND	0.046	ND

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results

Pollutant	Sample Screening Level	6/24/2011	7/7/2011	7/13/2011	7/19/2011	7/24/2011	7/25/2011	7/31/2011	8/6/2011	8/12/2011	8/18/2011	8/24/2011	8/30/2011
Chloroethane (Micrograms/cubic meter)	40000	ND	0.084	ND	ND	ND	--	ND	--	--	ND	ND	0.084
Chloroform (Micrograms/cubic meter)	500	ND	ND	ND	0.22	0.18	--	ND	--	--	ND	ND	0.19
Chloromethane (Micrograms/cubic meter)	1000	1.42	1.84	1.74	1.48	1.87	--	1.64	--	--	1.17	1.24	1.55
Chloroprene (Micrograms/cubic meter)	70	ND	ND	ND	ND	ND	--	ND	--	--	ND	ND	ND
Chromium (Nanograms/cubic meter)	580	5.30	5.19	5.42	--	--	4.37	4.08	4.61	4.85	6.67	7.71	8.22
Chrysene (Micrograms/cubic meter)	640	0.000461	0.00270	0.00227	0.00576	--	0.000293	0.00231	0.00156	0.00102	0.00892	0.000401	0.00500
Cobalt (Nanograms/cubic meter)	100	0.09	0.17	0.16	--	--	0.28	0.11	0.08	0.17	0.28	0.25	0.27
Dibenz[a,h]anthracene (Micrograms/cubic meter)	5.8	0.0000324	0.000200	0.0000985	0.000459	--	ND	0.000146	0.000102	0.0000456	0.000966	ND	0.000482
Dichlorobenzene, p- (Micrograms/cubic meter)	10000	0.18	0.35	0.17	0.29	0.24	--	0.21	--	--	0.23	0.11	0.13
Dichloroethane, 1,1- (Micrograms/cubic meter)	4400	ND	ND	ND	ND	ND	--	ND	--	--	ND	ND	ND
Dichloroethylene, 1,1- (Micrograms/cubic meter)	80	ND	ND	ND	ND	ND	--	ND	--	--	ND	ND	0.044
Dichloromethane (Micrograms/cubic meter)	2000	0.365	1.35	0.368	0.521	0.420	--	0.785	--	--	1.20	1.16	0.518
Dichloropropane, 1,2- (Micrograms/cubic meter)	200	ND	ND	ND	ND	ND	--	ND	--	--	ND	ND	ND
Dichloropropylene, cis-1,3- (Micrograms/cubic meter)	14	ND	ND	ND	ND	ND	--	ND	--	--	ND	ND	ND
Dichloropropylene, trans-1,3- (Micrograms/cubic meter)	14	ND	ND	ND	ND	ND	--	ND	--	--	ND	ND	ND

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results

Pollutant	Sample Screening Level	6/24/2011	7/7/2011	7/13/2011	7/19/2011	7/24/2011	7/25/2011	7/31/2011	8/6/2011	8/12/2011	8/18/2011	8/24/2011	8/30/2011
Ethyl Acrylate (Micrograms/cubic meter)	20000	ND	ND	ND	ND	ND	--	ND	--	--	ND	ND	ND
Ethylbenzene (Micrograms/cubic meter)	40000	0.712	1.11	0.799	0.946	0.573	--	0.625	--	--	1.45	0.469	0.499
Ethylene dibromide (Micrograms/cubic meter)	12	ND	ND	ND	ND	0.11	--	ND	--	--	ND	ND	ND
Ethylene dichloride (Micrograms/cubic meter)	270	ND	ND	ND	ND	0.10	--	ND	--	--	ND	ND	0.12
Hexachloro-1,3-butadiene (Micrograms/cubic meter)	320	ND	ND	ND	ND	0.17	--	ND	--	--	ND	ND	0.12
Indeno[1,2,3-cd]pyrene (Micrograms/cubic meter)	640	0.000123	0.000655	0.000538	0.00207	--	0.0000507	0.000463	0.000455	0.000208	0.00399	0.0000651	0.00184
Mercury (Nanograms/cubic meter)	3000	0.01	0.00002	ND	--	--	0.03	0.01	0.03	0.03	0.03	0.03	0.04
Methyl Chloroform (Micrograms/cubic meter)	10000	0.076	0.13	0.082	0.076	0.13	--	0.087	--	--	0.060	0.055	0.098
Methyl isobutyl ketone (Micrograms/cubic meter)	30000	0.26	0.983	0.434	0.418	0.37	--	0.418	--	--	0.39	0.27	0.30
Methyl Methacrylate (Micrograms/cubic meter)	7000	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
Naphthalene (Micrograms/cubic meter)	30	0.146	0.711	0.444	1.070	--	0.0949	0.307	0.246	0.212	1.520	0.159	0.577
Nickel (Nanograms/cubic meter)	200	1.94	1.45	4.87	--	--	2.43	1.71	4.49	1.60	3.32	4.91	2.57
Selenium (Nanograms/cubic meter)	20000	0.27	1.39	0.76	--	--	0.60	0.60	1.60	0.94	1.64	1.04	1.10
Styrene (Micrograms/cubic meter)	9000	0.37	0.528	0.36	0.524	0.26	--	0.30	--	--	1.15	0.17	0.18

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results

Pollutant	Sample Screening Level	6/24/2011	7/7/2011	7/13/2011	7/19/2011	7/24/2011	7/25/2011	7/31/2011	8/6/2011	8/12/2011	8/18/2011	8/24/2011	8/30/2011
Tetrachloroethane, 1,1,2,2-(Micrograms/cubic meter)	120	ND	ND	ND	ND	0.089	--	ND	--	--	ND	ND	ND
Tetrachloroethylene (Micrograms/cubic meter)	1400	0.32	0.57	0.31	0.31	0.18	--	0.11	--	--	0.39	0.18	0.18
Toluene (Micrograms/cubic meter)	4000	2.74	5.88	2.57	4.52	2.32	--	2.43	--	--	5.31	2.07	1.92
Trichlorobenzene, 1,2,4-(Micrograms/cubic meter)	2000	ND	ND	ND	ND	0.097	--	ND	--	--	ND	ND	0.074
Trichloroethane, 1,1,2-(Micrograms/cubic meter)	440	ND	ND	ND	ND	0.087	--	ND	--	--	ND	ND	ND
Trichloroethylene (Micrograms/cubic meter)	10000	0.22	0.27	0.091	ND	0.19	--	ND	--	--	0.081	0.086	0.097
Vinyl chloride (Micrograms/cubic meter)	1000	ND	ND	ND	ND	0.041	--	ND	--	--	ND	ND	0.038
Xylene, m/p- (Micrograms/cubic meter)	3000	2.02	3.08	2.41	2.85	1.49	--	1.75	--	--	4.82	1.28	1.22
Xylene, o- (Micrograms/cubic meter)	9000	0.816	1.21	0.968	1.16	0.625	--	0.682	--	--	1.77	0.512	0.508

ND = Pollutant Not Detected

— = Sample not taken or invalid

## North Birmingham Community Birmingham, AL

## Other Monitored Toxic Air Pollutants

## Additional Monitoring Results (continued)

North Birmingham Community

Birmingham, AL

#### **Other Monitored Toxic Air Pollutants**

## Additional Monitoring Results (continued)

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	9/11/2011	9/17/2011	9/23/2011	9/29/2011	10/5/2011	10/11/2011	10/17/2011	10/23/2011	10/29/2011	11/4/2011	11/10/2011
Ethyl Acrylate (Micrograms/cubic meter)	20000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene (Micrograms/cubic meter)	40000	1.48	0.36	0.40	0.799	1.68	0.443	3.56	0.651	2.08	0.942	1.30
Ethylene dibromide (Micrograms/cubic meter)	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylene dichloride (Micrograms/cubic meter)	270	ND	ND	0.085	0.11	0.081	ND	ND	ND	0.089	ND	0.093
Hexachloro-1,3-butadiene (Micrograms/cubic meter)	320	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene (Micrograms/cubic meter)	640	0.00565	0.0000481	0.0000478	0.00115	0.00931	0.000208	0.00531	0.00609	0.000367	0.0000412	0.0000548
Mercury (Nanograms/cubic meter)	3000	0.03	0.09	0.01	0.03	0.04	0.01	0.03	0.05	0.01	0.02	0.01
Methyl Chloroform (Micrograms/cubic meter)	10000	ND	0.04	0.066	0.093	0.066	0.055	0.10	0.04	0.060	0.071	0.055
Methyl isobutyl ketone (Micrograms/cubic meter)	30000	0.623	0.18	0.12	0.410	0.504	0.10	0.672	0.18	0.33	0.14	0.14
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	1.230	0.270	0.0631	0.732	1.770	0.108	1.630	1.500	0.272	0.0372	0.0424
Nickel (Nanograms/cubic meter)	200	2.93	2.31	2.84	4.67	3.48	1.64	6.22	1.22	3.27	2.05	3.60
Selenium (Nanograms/cubic meter)	20000	1.31	0.97	0.76	0.78	2.24	0.30	1.08	0.90	1.01	0.25	0.07
Styrene (Micrograms/cubic meter)	9000	0.988	0.13	0.17	0.28	3.02	0.11	2.40	0.609	1.15	0.29	0.23

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	9/11/2011	9/17/2011	9/23/2011	9/29/2011	10/5/2011	10/11/2011	10/17/2011	10/23/2011	10/29/2011	11/4/2011	11/10/2011
Tetrachloroethane, 1,1,2,2- (Micrograms/cubic meter)	120	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene (Micrograms/cubic meter)	1400	ND	0.088	0.14	0.24	0.45	0.25	0.66	0.11	0.21	0.14	0.24
Toluene (Micrograms/cubic meter)	4000	5.77	1.75	1.33	3.92	8.48	1.25	10.5	2.36	4.90	1.45	1.85
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	ND	ND	0.075	ND	0.14	ND	ND	ND	ND
Vinyl chloride (Micrograms/cubic meter)	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene, m/p- (Micrograms/cubic meter)	3000	4.39	0.851	0.938	2.15	6.30	1.26	13.4	1.98	7.47	3.03	4.73
Xylene, o- (Micrograms/cubic meter)	9000	1.67	0.37	0.37	0.925	2.25	0.482	4.78	0.734	2.48	1.02	1.58

ND = Pollutant Not Detected

— = Sample not taken or invalid

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	11/16/2011	11/22/2011	11/28/2011	12/4/2011	12/10/2011	12/16/2011	12/22/2011	1/9/2012	1/15/2012	1/21/2012	1/28/2012
Acetonitrile (Micrograms/cubic meter)	600	0.16	0.257	0.081	0.171	0.12	0.13	--	0.15	0.15	0.12	0.15
Acrylonitrile (Micrograms/cubic meter)	200	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND
Antimony (Nanograms/cubic meter)	2000	0.58	2.23	0.27	0.72	2.67	0.72	2.13	3.04	3.63	0.66	7.38
Benzo[a]anthracene (Micrograms/cubic meter)	64	0.0000787	0.000165	0.0000718	0.0000360	0.000135	--	--	--	--	--	--
Benzo[b]fluoranthene (Micrograms/cubic meter)	64	0.000152	0.000323	0.0000948	0.000112	0.000386	--	--	--	--	--	--
Benzo[k]fluoranthene (Micrograms/cubic meter)	64	0.0000390	0.0000956	0.0000249	0.0000351	0.0000790	--	--	--	--	--	--
Benzyl Chloride (Micrograms/cubic meter)	140	ND	ND	ND	ND	ND	ND	--	--	--	--	--
Beryllium (Nanograms/cubic meter)	20	0.004	0.01	0.004	0.01	0.01	0.003	0.005	0.01	0.01	0.007	0.01
Bromoform (Micrograms/cubic meter)	6400	ND	ND	ND	ND	ND	0.08	--	ND	ND	0.09	ND
Bromomethane (Micrograms/cubic meter)	200	ND	0.066	0.043	0.043	ND	0.054	--	0.03	ND	0.054	ND
Butadiene, 1,3- (Micrograms/cubic meter)	20	ND	0.12	0.060	0.040	0.086	0.060	--	0.20	0.18	0.055	0.593
Cadmium (Nanograms/cubic meter)	30	0.10	0.22	0.12	0.10	0.21	0.12	0.44	0.74	0.15	0.27	0.83
Carbon Disulfide (Micrograms/cubic meter)	7000	0.037	0.053	0.03	0.02	0.050	0.041	--	0.034	0.044	0.050	0.072
Carbon Tetrachloride (Micrograms/cubic meter)	200	0.648	0.988	0.881	0.768	0.900	0.711	--	0.698	0.856	0.54	0.53
Chlorobenzene (Micrograms/cubic meter)	10000	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	11/16/2011	11/22/2011	11/28/2011	12/4/2011	12/10/2011	12/16/2011	12/22/2011	1/9/2012	1/15/2012	1/21/2012	1/28/2012
Chloroethane (Micrograms/cubic meter)	40000	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND
Chloroform (Micrograms/cubic meter)	500	0.078	0.15	ND	0.11	ND	0.12	--	0.15	0.14	0.12	0.23
Chloromethane (Micrograms/cubic meter)	1000	1.24	1.36	1.09	1.19	1.26	1.05	--	1.09	1.07	0.981	1.06
Chloroprene (Micrograms/cubic meter)	70	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND
Chromium (Nanograms/cubic meter)	580	9.71	13.4	10.2	13.7	12.2	12.6	13.0	14.9	11.3	12.8	14.8
Chrysene (Micrograms/cubic meter)	640	0.000283	0.000372	0.000113	0.000136	0.000347	--	--	--	--	--	--
Cobalt (Nanograms/cubic meter)	100	0.05	0.10	0.04	0.07	0.16	0.06	0.12	0.23	0.19	0.04	0.15
Dibenz[a,h]anthracene (Micrograms/cubic meter)	5.8	ND	0.0000237	ND	ND	0.0000280	--	--	--	--	--	--
Dichlorobenzene, p- (Micrograms/cubic meter)	10000	ND	0.096	ND	0.05	0.096	0.14	--	0.18	0.21	0.084	0.39
Dichloroethane, 1,1- (Micrograms/cubic meter)	4400	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND
Dichloroethylene, 1,1- (Micrograms/cubic meter)	80	ND	ND	ND	ND	ND	0.02	--	ND	ND	ND	ND
Dichloromethane (Micrograms/cubic meter)	2000	0.719	0.528	0.33	0.778	0.479	0.525	--	0.372	0.361	0.663	0.639
Dichloropropane, 1,2- (Micrograms/cubic meter)	200	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND
Dichloropropylene, cis-1,3- (Micrograms/cubic meter)	14	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND
Dichloropropylene, trans-1,3- (Micrograms/cubic meter)	14	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	11/16/2011	11/22/2011	11/28/2011	12/4/2011	12/10/2011	12/16/2011	12/22/2011	1/9/2012	1/15/2012	1/21/2012	1/28/2012
Ethyl Acrylate (Micrograms/cubic meter)	20000	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND
Ethylbenzene (Micrograms/cubic meter)	40000	0.14	0.40	0.27	0.38	0.443	0.26	--	1.73	0.799	0.22	3.36
Ethylene dibromide (Micrograms/cubic meter)	12	ND	ND	ND	ND	ND	0.05	--	ND	ND	ND	ND
Ethylene dichloride (Micrograms/cubic meter)	270	0.069	0.089	0.077	0.089	0.11	0.11	--	0.085	0.089	0.11	ND
Hexachloro-1,3-butadiene (Micrograms/cubic meter)	320	ND	0.11	ND	ND	ND	0.07	--	ND	ND	0.1	ND
Indeno[1,2,3-cd]pyrene (Micrograms/cubic meter)	640	0.0000202	0.000129	0.0000472	0.0000491	0.000162	--	--	--	--	--	--
Mercury (Nanograms/cubic meter)	3000	0.01	0.03	0.02	0.02	0.02	0.007	0.02	0.02	0.03	0.02	0.02
Methyl Chloroform (Micrograms/cubic meter)	10000	ND	0.087	0.04	0.05	0.066	0.082	--	0.055	0.066	0.066	0.04
Methyl isobutyl ketone (Micrograms/cubic meter)	30000	0.10	0.11	0.049	0.053	0.070	0.082	--	0.30	0.16	0.12	ND
Methyl Methacrylate (Micrograms/cubic meter)	7000	ND	ND	ND	ND	ND	ND	--	ND	ND	0.045	ND
Methyl tert-Butyl Ether (Micrograms/cubic meter)	7000	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND
Naphthalene (Micrograms/cubic meter)	30	0.0762	0.134	0.0407	0.0203	0.145	--	--	--	--	--	--
Nickel (Nanograms/cubic meter)	200	2.46	2.03	0.91	0.83	0.89	0.75	10.4	8.64	0.71	1.03	1.71
Selenium (Nanograms/cubic meter)	20000	0.27	0.16	ND	1.27	0.73	0.32	0.36	0.29	0.25	0.48	0.66
Styrene (Micrograms/cubic meter)	9000	0.068	0.23	0.15	0.18	0.16	0.19	--	0.541	0.17	0.12	0.869

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	11/16/2011	11/22/2011	11/28/2011	12/4/2011	12/10/2011	12/16/2011	12/22/2011	1/9/2012	1/15/2012	1/21/2012	1/28/2012
Tetrachloroethane, 1,1,2,2- (Micrograms/cubic meter)	120	ND	0.069	ND	ND	ND	ND	--	ND	ND	ND	ND
Tetrachloroethylene (Micrograms/cubic meter)	1400	ND	0.18	0.06	0.075	0.05	0.56	--	0.39	0.18	0.22	0.800
Toluene (Micrograms/cubic meter)	4000	0.482	1.35	0.614	1.45	0.818	0.920	--	3.92	2.11	1.38	105
Trichlorobenzene, 1,2,4- (Micrograms/cubic meter)	2000	ND	0.05	ND	ND	ND	0.04	--	ND	ND	ND	ND
Trichloroethane, 1,1,2- (Micrograms/cubic meter)	440	ND	ND	ND	ND	ND	0.04	--	ND	ND	ND	ND
Trichloroethylene (Micrograms/cubic meter)	10000	ND	0.070	ND	ND	ND	0.04	--	0.059	ND	0.091	0.28
Vinyl chloride (Micrograms/cubic meter)	1000	ND	ND	ND	ND	ND	0.02	--	ND	ND	ND	ND
Xylene, m/p- (Micrograms/cubic meter)	3000	0.24	0.908	0.582	1.05	1.41	0.643	--	6.51	2.66	0.565	13.2
Xylene, o- (Micrograms/cubic meter)	9000	0.11	0.43	0.26	0.42	0.517	0.28	--	2.51	0.968	0.23	4.20

ND = Pollutant Not Detected

— = Sample not taken or invalid

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	2/2/2012	2/8/2012	2/14/2012	2/20/2012	2/26/2012	3/3/2012	3/9/2012	3/15/2012	3/21/2012	3/27/2012	4/2/2012
Acetonitrile (Micrograms/cubic meter)	600	0.228	0.099	0.17	0.099	--	0.092	0.094	0.418	0.348	0.361	0.326
Acrylonitrile (Micrograms/cubic meter)	200	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND
Antimony (Nanograms/cubic meter)	2000	1.67	1.07	2.20	1.22	1.29	0.72	0.32	5.28	1.85	3.00	2.19
Benzo[a]anthracene (Micrograms/cubic meter)	64	--	--	--	--	--	--	0.000102	0.00368	0.000144	0.00406	0.0000860
Benzo[b]fluoranthene (Micrograms/cubic meter)	64	--	--	--	--	--	--	0.000206	0.00426	0.000365	0.00510	0.000188
Benzo[k]fluoranthene (Micrograms/cubic meter)	64	--	--	--	--	--	--	0.0000610	0.00138	0.0000821	0.00152	0.0000426
Benzyl Chloride (Micrograms/cubic meter)	140	--	--	--	--	--	--	--	--	--	--	--
Beryllium (Nanograms/cubic meter)	20	0.02	ND	0.02	0.02	0.01	0.001	0.003	0.04	0.03	0.02	0.008
Bromoform (Micrograms/cubic meter)	6400	0.05	ND	ND	ND	--	ND	ND	ND	0.10	0.10	ND
Bromomethane (Micrograms/cubic meter)	200	0.051	0.043	0.043	0.047	--	0.03	0.051	0.066	0.062	0.062	0.054
Butadiene, 1,3- (Micrograms/cubic meter)	20	0.270	0.055	0.18	0.055	--	0.035	0.044	0.542	0.058	0.14	0.17
Cadmium (Nanograms/cubic meter)	30	1.87	0.23	0.16	0.18	0.17	0.08	0.08	2.66	0.42	0.62	0.36
Carbon Disulfide (Micrograms/cubic meter)	7000	0.078	0.034	0.041	0.031	--	0.02	0.034	0.13	0.02	0.072	0.044
Carbon Tetrachloride (Micrograms/cubic meter)	200	0.635	0.723	0.54	0.54	--	0.635	0.62	0.887	0.900	0.723	0.824
Chlorobenzene (Micrograms/cubic meter)	10000	0.046	ND	ND	ND	--	ND	ND	ND	ND	ND	ND

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	2/2/2012	2/8/2012	2/14/2012	2/20/2012	2/26/2012	3/3/2012	3/9/2012	3/15/2012	3/21/2012	3/27/2012	4/2/2012
Chloroethane (Micrograms/cubic meter)	40000	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND
Chloroform (Micrograms/cubic meter)	500	ND	0.083	0.15	0.11	--	0.078	0.11	0.24	0.12	ND	0.13
Chloromethane (Micrograms/cubic meter)	1000	1.24	1.14	1.01	1.03	--	1.11	1.11	1.82	1.32	1.36	1.52
Chloroprene (Micrograms/cubic meter)	70	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND
Chromium (Nanograms/cubic meter)	580	14.4	17.2	26.1	12.2	12.4	9.82	10.5	17.2	13.4	13.6	12.1
Chrysene (Micrograms/cubic meter)	640	--	--	--	--	--	--	0.000246	0.00452	0.000373	0.00599	0.000295
Cobalt (Nanograms/cubic meter)	100	0.17	0.10	0.25	0.09	0.07	0.08	0.07	0.48	0.27	0.26	0.38
Dibenz[a,h]anthracene (Micrograms/cubic meter)	5.8	--	--	--	--	--	--	ND	0.000336	0.0000238	0.000473	ND
Dichlorobenzene, p- (Micrograms/cubic meter)	10000	0.12	0.072	0.15	0.04	--	0.04	ND	0.625	0.072	ND	0.22
Dichloroethane, 1,1- (Micrograms/cubic meter)	4400	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND
Dichloroethylene, 1,1- (Micrograms/cubic meter)	80	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND
Dichloromethane (Micrograms/cubic meter)	2000	0.445	0.29	0.469	0.30	--	0.29	0.26	1.08	0.497	0.639	0.573
Dichloropropane, 1,2- (Micrograms/cubic meter)	200	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND
Dichloropropylene, cis-1,3- (Micrograms/cubic meter)	14	0.02	ND	ND	ND	--	ND	ND	ND	ND	ND	ND
Dichloropropylene, trans-1,3- (Micrograms/cubic meter)	14	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	2/2/2012	2/8/2012	2/14/2012	2/20/2012	2/26/2012	3/3/2012	3/9/2012	3/15/2012	3/21/2012	3/27/2012	4/2/2012
Ethyl Acrylate (Micrograms/cubic meter)	20000	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND
Ethylbenzene (Micrograms/cubic meter)	40000	1.57	0.17	0.734	0.11	--	0.12	0.39	4.47	0.23	2.11	1.78
Ethylene dibromide (Micrograms/cubic meter)	12	0.05	ND	ND	ND	--	ND	ND	ND	ND	0.07	ND
Ethylene dichloride (Micrograms/cubic meter)	270	0.11	0.077	0.097	0.081	--	0.077	0.11	0.15	0.10	0.13	0.10
Hexachloro-1,3-butadiene (Micrograms/cubic meter)	320	0.05	ND	ND	ND	--	ND	ND	0.44	0.05	0.07	ND
Indeno[1,2,3-cd]pyrene (Micrograms/cubic meter)	640	--	--	--	--	--	--	0.0000743	0.00122	0.000113	0.00177	0.0000383
Mercury (Nanograms/cubic meter)	3000	0.03	ND	0.03	0.03	0.01	0.03	0.008	0.05	0.02	0.03	0.03
Methyl Chloroform (Micrograms/cubic meter)	10000	0.071	0.060	0.055	0.05	--	0.04	0.060	0.087	0.076	0.093	0.076
Methyl isobutyl ketone (Micrograms/cubic meter)	30000	0.36	0.057	0.18	0.053	--	0.041	0.078	0.799	0.17	0.459	0.30
Methyl Methacrylate (Micrograms/cubic meter)	7000	0.061	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
Naphthalene (Micrograms/cubic meter)	30	--	--	--	--	--	--	0.0636	1.520	0.0983	0.537	0.163
Nickel (Nanograms/cubic meter)	200	1.51	2.66	6.00	1.09	4.55	0.55	0.67	4.00	2.16	1.80	2.29
Selenium (Nanograms/cubic meter)	20000	0.62	0.33	0.46	0.97	0.13	0.12	0.11	1.23	0.85	1.01	0.50
Styrene (Micrograms/cubic meter)	9000	2.19	0.043	0.15	0.043	--	0.055	ND	1.57	0.21	0.26	0.39

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	2/2/2012	2/8/2012	2/14/2012	2/20/2012	2/26/2012	3/3/2012	3/9/2012	3/15/2012	3/21/2012	3/27/2012	4/2/2012
Tetrachloroethane, 1,1,2,2-(Micrograms/cubic meter)	120	ND	ND	ND	ND	--	ND	ND	ND	0.04	ND	ND
Tetrachloroethylene (Micrograms/cubic meter)	1400	0.34	0.14	0.41	0.081	--	0.081	0.12	0.42	0.081	0.26	0.25
Toluene (Micrograms/cubic meter)	4000	4.45	0.705	2.20	0.588	--	0.595	0.543	9.31	0.852	5.69	3.12
Trichlorobenzene, 1,2,4-(Micrograms/cubic meter)	2000	0.03	ND	ND	ND	--	ND	ND	ND	ND	0.07	ND
Trichloroethane, 1,1,2-(Micrograms/cubic meter)	440	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND
Trichloroethylene (Micrograms/cubic meter)	10000	0.065	ND	0.075	ND	--	ND	ND	0.13	0.05	0.081	0.065
Vinyl chloride (Micrograms/cubic meter)	1000	0.02	ND	ND	ND	--	ND	ND	ND	ND	0.02	ND
Xylene, m/p- (Micrograms/cubic meter)	3000	5.82	0.443	2.31	0.24	--	0.35	1.18	19.7	0.517	8.42	6.25
Xylene, o- (Micrograms/cubic meter)	9000	2.14	0.17	0.903	0.10	--	0.14	0.43	7.51	0.26	3.33	2.18

ND = Pollutant Not Detected

— = Sample not taken or invalid

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	4/8/2012	4/14/2012	4/20/2012	4/26/2012	5/2/2012	5/8/2012	5/14/2012	5/20/2012	5/26/2012	6/1/2012	6/7/2012
Acetonitrile (Micrograms/cubic meter)	600	--	0.316	0.247	0.299	0.428	0.386	0.354	0.282	0.373	0.193	0.359
Acrylonitrile (Micrograms/cubic meter)	200	--	ND	0.313	ND	ND	ND	ND	ND	ND	ND	ND
Antimony (Nanograms/cubic meter)	2000	2.72	1.01	2.66	1.57	2.86	2.79	1.69	2.37	2.26	0.81	1.85
Benzo[a]anthracene (Micrograms/cubic meter)	64	0.00218	0.000104	0.0000668	0.000950	0.000354	0.00120	0.0000734	0.00887	0.0301	0.000118	0.00267
Benzo[b]fluoranthene (Micrograms/cubic meter)	64	0.00273	0.000273	0.000149	0.000986	0.000483	0.00165	0.000121	0.0101	0.0319	0.000237	0.00372
Benzo[k]fluoranthene (Micrograms/cubic meter)	64	0.000741	0.0000614	0.0000346	0.000369	0.000144	0.000513	0.0000306	0.00330	0.0106	0.0000493	0.000926
Benzyl Chloride (Micrograms/cubic meter)	140	--	--	--	--	--	--	--	--	--	--	--
Beryllium (Nanograms/cubic meter)	20	0.006	0.02	0.004	0.03	0.03	0.01	0.004	0.02	0.02	0.002	0.01
Bromoform (Micrograms/cubic meter)	6400	--	ND	ND	ND	0.07	ND	0.08	ND	0.16	ND	ND
Bromomethane (Micrograms/cubic meter)	200	--	0.047	0.043	0.058	0.066	0.047	0.066	0.058	0.089	ND	0.043
Butadiene, 1,3- (Micrograms/cubic meter)	20	--	0.040	0.089	0.12	0.077	0.047	0.243	0.066	0.252	0.047	0.11
Cadmium (Nanograms/cubic meter)	30	0.17	0.41	0.96	0.14	0.40	2.18	0.33	1.33	0.18	0.16	0.57
Carbon Disulfide (Micrograms/cubic meter)	7000	--	0.02	0.02	0.037	0.093	0.047	0.062	0.034	0.11	ND	0.037
Carbon Tetrachloride (Micrograms/cubic meter)	200	--	0.774	0.780	0.774	0.830	0.805	0.780	0.768	0.824	0.793	0.692
Chlorobenzene (Micrograms/cubic meter)	10000	--	ND	ND	ND	0.03	ND	0.04	ND	0.083	ND	ND

## North Birmingham Community Birmingham, AL

## Other Monitored Toxic Air Pollutants

## Additional Monitoring Results (continued)

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	4/8/2012	4/14/2012	4/20/2012	4/26/2012	5/2/2012	5/8/2012	5/14/2012	5/20/2012	5/26/2012	6/1/2012	6/7/2012
Ethyl Acrylate (Micrograms/cubic meter)	20000	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene (Micrograms/cubic meter)	40000	--	0.22	1.04	0.40	0.33	0.28	0.855	0.31	1.28	0.33	0.677
Ethylene dibromide (Micrograms/cubic meter)	12	--	ND	ND	ND	0.05	ND	ND	ND	ND	ND	ND
Ethylene dichloride (Micrograms/cubic meter)	270	--	0.11	0.11	0.15	0.11	0.093	0.14	0.12	0.14	0.097	0.097
Hexachloro-1,3-butadiene (Micrograms/cubic meter)	320	--	ND	ND	ND	0.04	ND	ND	ND	0.15	ND	ND
Indeno[1,2,3-cd]pyrene (Micrograms/cubic meter)	640	0.000875	0.0000850	0.0000559	0.000482	0.000168	0.000472	0.0000449	0.00318	0.00987	0.0000375	0.00104
Mercury (Nanograms/cubic meter)	3000	0.02	0.02	0.02	0.01	0.004	0.01	0.02	0.01	0.003	0.005	0.01
Methyl Chloroform (Micrograms/cubic meter)	10000	--	0.060	0.04	0.076	0.082	0.066	0.098	0.076	0.10	ND	0.04
Methyl isobutyl ketone (Micrograms/cubic meter)	30000	--	0.12	0.33	0.13	0.25	0.17	0.39	0.23	0.430	0.14	0.459
Methyl Methacrylate (Micrograms/cubic meter)	7000	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.041
Methyl tert-Butyl Ether (Micrograms/cubic meter)	7000	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene (Micrograms/cubic meter)	30	0.670	0.125	0.112	0.150	0.360	0.385	0.150	0.838	1.830	0.0791	0.578
Nickel (Nanograms/cubic meter)	200	0.98	2.19	2.93	6.68	3.88	2.42	1.28	1.54	1.59	0.80	1.93
Selenium (Nanograms/cubic meter)	20000	0.83	0.55	0.41	0.50	0.73	0.51	0.45	1.15	1.25	0.35	1.03
Styrene (Micrograms/cubic meter)	9000	--	0.17	0.16	0.20	0.24	0.25	0.42	0.12	0.503	0.072	0.545

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	4/8/2012	4/14/2012	4/20/2012	4/26/2012	5/2/2012	5/8/2012	5/14/2012	5/20/2012	5/26/2012	6/1/2012	6/7/2012
Tetrachloroethane, 1,1,2,2- (Micrograms/cubic meter)	120	--	ND	ND	ND	0.05	ND	ND	ND	ND	ND	ND
Tetrachloroethylene (Micrograms/cubic meter)	1400	--	0.16	0.18	0.14	0.15	0.12	0.31	0.16	0.41	0.11	0.16
Toluene (Micrograms/cubic meter)	4000	--	1.27	2.59	1.69	1.56	1.11	3.12	1.58	5.09	0.999	3.69
Trichlorobenzene, 1,2,4- (Micrograms/cubic meter)	2000	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.03
Trichloroethane, 1,1,2- (Micrograms/cubic meter)	440	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (Micrograms/cubic meter)	10000	--	ND	0.04	0.05	0.075	ND	0.086	ND	0.075	ND	0.04
Vinyl chloride (Micrograms/cubic meter)	1000	--	ND	ND	ND	0.02	ND	0.02	ND	ND	ND	ND
Xylene, m/p- (Micrograms/cubic meter)	3000	--	0.499	3.69	1.09	0.860	0.725	2.66	0.881	4.65	0.960	2.42
Xylene, o- (Micrograms/cubic meter)	9000	--	0.25	1.29	0.491	0.39	0.33	1.11	0.39	1.78	0.40	0.942

ND = Pollutant Not Detected

— = Sample not taken or invalid

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	6/13/2012	6/19/2012	6/25/2012	7/1/2012	7/4/2012	7/7/2012	7/10/2012	7/13/2012	7/16/2012	7/21/2012	7/24/2012
Acetonitrile (Micrograms/cubic meter)	600	0.301	0.311	0.282	0.353	0.383	0.262	0.301	0.336	1.45	1.42	0.290
Acrylonitrile (Micrograms/cubic meter)	200	ND										
Antimony (Nanograms/cubic meter)	2000	1.50	1.87	1.64	1.52	1.98	2.06	1.50	1.02	2.19	0.91	1.62
Benzo[a]anthracene (Micrograms/cubic meter)	64	0.000163	0.000394	0.000567	0.000138	0.0000838	0.0000545	0.0000915	0.0000439	0.000798	0.0000469	0.000140
Benzo[b]fluoranthene (Micrograms/cubic meter)	64	0.000277	0.000647	0.000922	0.000167	0.0000869	0.000124	0.000167	0.0000735	0.00145	0.0000641	0.000171
Benzo[k]fluoranthene (Micrograms/cubic meter)	64	0.0000786	0.000186	0.000248	0.0000565	0.0000204	0.0000293	0.0000486	ND	0.000396	ND	0.0000346
Benzyl Chloride (Micrograms/cubic meter)	140	--	--	--	--	--	--	--	--	--	--	--
Beryllium (Nanograms/cubic meter)	20	0.02	0.007	0.01	0.01	0.06	0.02	0.01	0.03	0.02	0.007	0.08
Bromoform (Micrograms/cubic meter)	6400	ND	0.12	0.07	0.10	0.05	ND	ND	0.08	0.10	ND	0.11
Bromomethane (Micrograms/cubic meter)	200	0.03	0.078	0.051	0.070	0.047	0.085	0.047	0.066	0.054	0.03	0.058
Butadiene, 1,3- (Micrograms/cubic meter)	20	0.14	0.18	0.033	0.089	0.08	0.071	0.044	0.060	0.358	0.044	0.062
Cadmium (Nanograms/cubic meter)	30	2.60	0.51	0.33	0.20	0.12	0.15	0.23	0.43	0.86	0.04	0.34
Carbon Disulfide (Micrograms/cubic meter)	7000	0.050	0.075	0.044	0.053	0.037	0.056	0.03	0.062	0.16	0.02	0.050
Carbon Tetrachloride (Micrograms/cubic meter)	200	0.730	0.730	0.780	0.805	0.736	0.843	0.749	0.736	0.742	0.62	0.679
Chlorobenzene (Micrograms/cubic meter)	10000	ND	0.065	ND	0.046	ND	0.065	ND	0.03	ND	ND	ND

North Birmingham Community

Birmingham, AL

## Other Monitored Toxic Air Pollutants

## Additional Monitoring Results (continued)

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	6/13/2012	6/19/2012	6/25/2012	7/1/2012	7/4/2012	7/7/2012	7/10/2012	7/13/2012	7/16/2012	7/21/2012	7/24/2012
Ethyl Acrylate (Micrograms/cubic meter)	20000	ND										
Ethylbenzene (Micrograms/cubic meter)	40000	0.807	1.38	0.469	0.40	0.34	0.30	0.27	0.34	1.38	0.26	0.37
Ethylene dibromide (Micrograms/cubic meter)	12	ND	0.085	ND	0.06	ND	0.11	ND	0.06	0.06	ND	0.05
Ethylene dichloride (Micrograms/cubic meter)	270	0.097	0.14	0.10	0.13	0.077	0.11	0.081	0.093	0.10	0.061	0.093
Hexachloro-1,3-butadiene (Micrograms/cubic meter)	320	ND	0.1	0.05	0.07	ND	ND	ND	0.04	0.07	ND	0.05
Indeno[1,2,3-cd]pyrene (Micrograms/cubic meter)	640	0.0000745	0.000183	0.000284	0.0000440	0.0000207	0.0000377	0.0000607	0.0000292	0.000746	ND	0.0000595
Mercury (Nanograms/cubic meter)	3000	0.02	ND	ND	ND	ND	ND	ND	0.03	0.04	0.007	0.02
Methyl Chloroform (Micrograms/cubic meter)	10000	0.060	0.093	0.076	0.093	0.066	0.093	0.04	0.12	0.087	0.04	0.071
Methyl isobutyl ketone (Micrograms/cubic meter)	30000	0.27	0.487	0.19	0.30	0.26	0.25	0.16	0.528	0.36	0.21	0.15
Methyl Methacrylate (Micrograms/cubic meter)	7000	ND	ND	ND	ND	ND	0.082	ND	ND	0.041	ND	ND
Methyl tert-Butyl Ether (Micrograms/cubic meter)	7000	ND										
Naphthalene (Micrograms/cubic meter)	30	0.140	0.445	0.135	0.371	0.150	0.109	0.111	0.0933	0.491	0.269	0.348
Nickel (Nanograms/cubic meter)	200	2.12	2.75	1.37	2.41	1.76	0.96	1.33	2.80	1.67	0.94	3.88
Selenium (Nanograms/cubic meter)	20000	0.92	0.60	0.49	0.96	1.00	0.92	0.42	0.83	0.88	0.33	0.54
Styrene (Micrograms/cubic meter)	9000	0.605	0.741	0.21	0.24	0.20	0.13	0.20	0.20	1.26	0.20	0.29

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	6/13/2012	6/19/2012	6/25/2012	7/1/2012	7/4/2012	7/7/2012	7/10/2012	7/13/2012	7/16/2012	7/21/2012	7/24/2012
Tetrachloroethane, 1,1,2,2- (Micrograms/cubic meter)	120	ND	0.082	0.05	0.069	ND	0.10	ND	0.04	0.069	ND	0.05
Tetrachloroethylene (Micrograms/cubic meter)	1400	0.20	0.27	0.095	0.28	0.081	0.14	0.088	0.13	0.64	0.05	0.19
Toluene (Micrograms/cubic meter)	4000	4.97	5.13	1.24	2.11	1.73	1.47	1.16	1.51	5.46	1.27	1.19
Trichlorobenzene, 1,2,4- (Micrograms/cubic meter)	2000	ND	0.06	ND	0.04	ND	ND	ND	ND	0.04	ND	ND
Trichloroethane, 1,1,2- (Micrograms/cubic meter)	440	ND	ND	ND	0.05	ND	ND	ND	0.04	ND	ND	0.04
Trichloroethylene (Micrograms/cubic meter)	10000	ND	0.075	ND	0.11	0.04	0.075	0.04	0.059	0.15	ND	0.12
Vinyl chloride (Micrograms/cubic meter)	1000	ND	0.02	ND	0.02	ND	0.028	ND	0.02	0.02	ND	0.02
Xylene, m/p- (Micrograms/cubic meter)	3000	2.61	4.95	1.46	1.06	0.877	0.816	0.634	0.916	4.65	0.599	0.877
Xylene, o- (Micrograms/cubic meter)	9000	1.05	1.85	0.617	0.486	0.40	0.34	0.30	0.38	1.84	0.28	0.40

ND = Pollutant Not Detected

— = Sample not taken or invalid

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	7/27/2012	7/30/2012	8/2/2012	8/5/2012	8/8/2012	8/11/2012
Acetonitrile (Micrograms/cubic meter)	600	--	--	--	--	--	--
Acrylonitrile (Micrograms/cubic meter)	200	--	--	--	--	--	--
Antimony (Nanograms/cubic meter)	2000	1.40	--	--	--	--	--
Benzo[a]anthracene (Micrograms/cubic meter)	64	0.0000755	--	0.000232	0.00106	0.000183	0.000432
Benzo[b]fluoranthene (Micrograms/cubic meter)	64	0.000112	--	0.000394	0.00145	0.000332	0.000471
Benzo[k]fluoranthene (Micrograms/cubic meter)	64	0.0000277	--	0.000112	0.000476	0.000120	0.000163
Benzyl Chloride (Micrograms/cubic meter)	140	--	--	--	--	--	--
Beryllium (Nanograms/cubic meter)	20	0.03	--	--	--	--	--
Bromoform (Micrograms/cubic meter)	6400	--	--	--	--	--	--
Bromomethane (Micrograms/cubic meter)	200	--	--	--	--	--	--
Butadiene, 1,3- (Micrograms/cubic meter)	20	--	--	--	--	--	--
Cadmium (Nanograms/cubic meter)	30	0.17	--	--	--	--	--
Carbon Disulfide (Micrograms/cubic meter)	7000	--	--	--	--	--	--
Carbon Tetrachloride (Micrograms/cubic meter)	200	--	--	--	--	--	--
Chlorobenzene (Micrograms/cubic meter)	10000	--	--	--	--	--	--

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	7/27/2012	7/30/2012	8/2/2012	8/5/2012	8/8/2012	8/11/2012
Chloroethane (Micrograms/cubic meter)	40000	--	--	--	--	--	--
Chloroform (Micrograms/cubic meter)	500	--	--	--	--	--	--
Chloromethane (Micrograms/cubic meter)	1000	--	--	--	--	--	--
Chloroprene (Micrograms/cubic meter)	70	--	--	--	--	--	--
Chromium (Nanograms/cubic meter)	580	13.8	--	--	--	--	--
Chrysene (Micrograms/cubic meter)	640	0.000221	--	0.000604	0.00175	0.000403	0.000776
Cobalt (Nanograms/cubic meter)	100	0.23	--	--	--	--	--
Dibenz[a,h]anthracene (Micrograms/cubic meter)	5.8	ND	--	0.0000242	0.000100	ND	0.0000494
Dichlorobenzene, p- (Micrograms/cubic meter)	10000	--	--	--	--	--	--
Dichloroethane, 1,1- (Micrograms/cubic meter)	4400	--	--	--	--	--	--
Dichloroethylene, 1,1- (Micrograms/cubic meter)	80	--	--	--	--	--	--
Dichloromethane (Micrograms/cubic meter)	2000	--	--	--	--	--	--
Dichloropropane, 1,2- (Micrograms/cubic meter)	200	--	--	--	--	--	--
Dichloropropylene, cis-1,3- (Micrograms/cubic meter)	14	--	--	--	--	--	--
Dichloropropylene, trans-1,3- (Micrograms/cubic meter)	14	--	--	--	--	--	--

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	7/27/2012	7/30/2012	8/2/2012	8/5/2012	8/8/2012	8/11/2012
Ethyl Acrylate (Micrograms/cubic meter)	20000	--	--	--	--	--	--
Ethylbenzene (Micrograms/cubic meter)	40000	--	--	--	--	--	--
Ethylene dibromide (Micrograms/cubic meter)	12	--	--	--	--	--	--
Ethylene dichloride (Micrograms/cubic meter)	270	--	--	--	--	--	--
Hexachloro-1,3-butadiene (Micrograms/cubic meter)	320	--	--	--	--	--	--
Indeno[1,2,3-cd]pyrene (Micrograms/cubic meter)	640	0.0000483	--	0.000151	0.000437	0.000116	0.000148
Mercury (Nanograms/cubic meter)	3000	0.008	--	--	--	--	--
Methyl Chloroform (Micrograms/cubic meter)	10000	--	--	--	--	--	--
Methyl isobutyl ketone (Micrograms/cubic meter)	30000	--	--	--	--	--	--
Methyl Methacrylate (Micrograms/cubic meter)	7000	--	--	--	--	--	--
Methyl tert-Butyl Ether (Micrograms/cubic meter)	7000	--	--	--	--	--	--
Naphthalene (Micrograms/cubic meter)	30	0.276	--	0.514	0.513	0.258	0.118
Nickel (Nanograms/cubic meter)	200	1.55	--	--	--	--	--
Selenium (Nanograms/cubic meter)	20000	1.04	--	--	--	--	--
Styrene (Micrograms/cubic meter)	9000	--	--	--	--	--	--

North Birmingham Community  
Birmingham, AL

Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	7/27/2012	7/30/2012	8/2/2012	8/5/2012	8/8/2012	8/11/2012
Tetrachloroethane, 1,1,2,2- (Micrograms/cubic meter)	120	--	--	--	--	--	--
Tetrachloroethylene (Micrograms/cubic meter)	1400	--	--	--	--	--	--
Toluene (Micrograms/cubic meter)	4000	--	--	--	--	--	--
Trichlorobenzene, 1,2,4- (Micrograms/cubic meter)	2000	--	--	--	--	--	--
Trichloroethane, 1,1,2- (Micrograms/cubic meter)	440	--	--	--	--	--	--
Trichloroethylene (Micrograms/cubic meter)	10000	--	--	--	--	--	--
Vinyl chloride (Micrograms/cubic meter)	1000	--	--	--	--	--	--
Xylene, m/p- (Micrograms/cubic meter)	3000	--	--	--	--	--	--
Xylene, o- (Micrograms/cubic meter)	9000	--	--	--	--	--	--

ND = Pollutant Not Detected

— = Sample not taken or invalid