

US EPA ARCHIVE DOCUMENT

Other Monitored Toxic Air Pollutants

Additional Monitoring Results

Pollutant	Sample Screening Level	12/23/2011	12/24/2011	12/25/2011	12/26/2011	12/27/2011	12/28/2011	12/29/2011	12/30/2011	12/31/2011	1/1/2012	1/2/2012	1/3/2012	1/4/2012	1/5/2012
Antimony (Nanograms/cubic meter)	2000	0.37	3.63	4.29	--	0.70	0.26	0.89	0.91	0.43	0.64	--	0.18	--	--
Arsenic (Nanograms/cubic meter)	150	0.35	0.57	0.61	--	0.80	0.08	0.52	0.56	0.38	0.57	--	0.23	--	--
Beryllium (Nanograms/cubic meter)	20	0.0003	0.006	0.01	--	0.003	0.003	0.006	0.004	0.0005	0.005	--	0.006	--	--
Cadmium (Nanograms/cubic meter)	30	0.04	0.09	0.16	--	0.10	0.03	0.08	0.10	0.09	0.10	--	0.04	--	--
Chromium (Nanograms/cubic meter)	580	10.3	10.4	11.2	--	12.4	10.5	12.0	12.0	11.8	10.6	--	9.70	--	--
Cobalt (Nanograms/cubic meter)	100	0.12	0.09	0.10	--	0.08	0.16	0.06	0.15	0.14	0.05	--	0.04	--	--
Mercury (Nanograms/cubic meter)	3000	0.02	0.02	0.02	--	0.01	0.01	0.01	0.01	0.009	0.04	--	0.02	--	--
Nickel (Nanograms/cubic meter)	200	0.22	0.28	0.32	--	0.29	0.20	0.35	0.47	0.21	0.43	--	0.33	--	--
Selenium (Nanograms/cubic meter)	20000	0.94	1.43	1.51	--	0.65	0.04	0.88	0.89	0.41	0.57	--	0.22	--	--

ND = Pollutant Not Detected
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Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	1/6/2012	1/7/2012	1/8/2012	1/9/2012	1/10/2012	1/11/2012	1/12/2012	1/13/2012	1/14/2012	1/15/2012	1/16/2012	1/17/2012	1/18/2012
Antimony (Nanograms/cubic meter)	2000	--	1.09	1.45	2.87	2.36	--	0.35	0.24	--	--	--	--	1.36
Arsenic (Nanograms/cubic meter)	150	--	0.69	1.07	1.44	1.56	--	0.60	0.30	--	--	--	--	0.27
Beryllium (Nanograms/cubic meter)	20	--	0.007	0.005	0.02	0.01	--	ND	0.02	--	--	--	--	0.006
Cadmium (Nanograms/cubic meter)	30	--	0.16	0.12	0.29	0.32	--	0.12	0.04	--	--	--	--	0.06
Chromium (Nanograms/cubic meter)	580	--	10.9	9.86	11.5	11.0	--	16.7	15.4	--	--	--	--	10.4
Cobalt (Nanograms/cubic meter)	100	--	0.20	0.06	0.47	0.19	--	0.32	0.23	--	--	--	--	0.12
Mercury (Nanograms/cubic meter)	3000	--	0.02	0.03	0.02	0.03	--	0.01	0.01	--	--	--	--	0.01
Nickel (Nanograms/cubic meter)	200	--	0.59	0.38	2.33	0.76	--	1.76	2.74	--	--	--	--	0.32
Selenium (Nanograms/cubic meter)	20000	--	1.04	0.76	1.67	2.43	--	0.88	0.75	--	--	--	--	0.13

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Other Monitored Toxic Air Pollutants

Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	1/19/2012	1/20/2012	1/21/2012	1/22/2012	1/23/2012	1/24/2012	1/25/2012	1/26/2012	1/27/2012	1/28/2012	1/29/2012	1/30/2012	1/31/2012	2/1/2012
Antimony (Nanograms/cubic meter)	2000	1.20	1.10	0.87	0.68	0.40	2.07	0.75	2.04	0.37	0.39	0.34	0.75	0.73	1.46
Arsenic (Nanograms/cubic meter)	150	0.55	0.58	0.95	0.78	0.35	0.39	0.49	1.10	0.34	0.41	0.59	0.50	0.69	1.36
Beryllium (Nanograms/cubic meter)	20	0.007	0.01	0.004	0.007	0.02	0.008	0.004	0.01	0.002	0.004	0.003	0.005	0.007	0.003
Cadmium (Nanograms/cubic meter)	30	0.28	0.13	0.27	0.13	0.07	0.82	0.10	0.29	0.14	0.10	0.60	0.12	0.27	1.02
Chromium (Nanograms/cubic meter)	580	9.04	10.4	10.4	11.1	12.4	11.1	12.7	11.1	10.3	8.65	10.5	10.9	11.5	11.0
Cobalt (Nanograms/cubic meter)	100	0.14	0.07	0.04	0.06	0.15	0.13	0.07	0.15	0.05	0.04	0.21	0.08	0.25	0.59
Mercury (Nanograms/cubic meter)	3000	0.02	0.02	0.02	0.01	0.008	0.01	0.007	0.008	0.003	0.006	0.01	0.04	0.03	0.04
Nickel (Nanograms/cubic meter)	200	0.57	0.84	0.64	0.30	0.55	0.35	0.42	0.64	0.24	0.24	0.32	0.27	0.67	0.74
Selenium (Nanograms/cubic meter)	20000	1.57	0.97	2.05	1.50	0.40	1.18	1.44	2.16	0.50	0.63	1.52	0.46	0.90	2.03

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Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	2/2/2012	2/3/2012	2/4/2012	2/5/2012	2/6/2012	2/7/2012	2/8/2012	2/9/2012	2/10/2012	2/11/2012	2/12/2012	2/13/2012	2/14/2012
Antimony (Nanograms/cubic meter)	2000	1.68	1.56	1.21	1.32	1.44	1.37	1.46	0.44	0.73	1.18	0.30	4.28	0.96
Arsenic (Nanograms/cubic meter)	150	1.23	1.74	1.74	1.33	1.47	1.40	0.87	0.56	0.94	0.64	0.35	1.23	0.92
Beryllium (Nanograms/cubic meter)	20	0.005	0.01	0.009	ND	0.003	0.006	ND	ND	0.005	ND	0.01	0.02	0.02
Cadmium (Nanograms/cubic meter)	30	0.15	0.20	0.24	0.26	1.27	1.60	0.15	0.08	0.45	0.11	0.06	0.71	0.16
Chromium (Nanograms/cubic meter)	580	12.3	14.3	12.0	11.9	11.7	13.2	9.63	9.51	10.6	10.9	9.95	11.1	12.4
Cobalt (Nanograms/cubic meter)	100	0.12	0.17	0.22	0.04	0.38	0.48	0.14	0.05	0.14	0.06	0.04	0.47	0.09
Mercury (Nanograms/cubic meter)	3000	0.03	0.03	0.02	0.02	0.03	0.05	0.01	0.01	0.01	0.02	0.04	0.04	0.02
Nickel (Nanograms/cubic meter)	200	0.72	0.81	1.32	0.38	0.74	0.80	0.60	0.35	0.56	0.99	0.23	5.53	0.51
Selenium (Nanograms/cubic meter)	20000	2.12	2.70	2.03	1.64	2.35	2.76	0.89	1.03	1.67	0.68	0.21	2.88	1.80

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Additional Monitoring Results (continued)

Pollutant	Sample Screening Level	2/15/2012	2/16/2012	2/17/2012	2/18/2012	2/19/2012	2/20/2012	2/21/2012	2/22/2012	2/23/2012	2/24/2012	2/25/2012
Antimony (Nanograms/cubic meter)	2000	0.46	0.49	0.57	2.00	0.36	0.58	0.69	0.40	0.36	0.87	0.10
Arsenic (Nanograms/cubic meter)	150	0.85	0.61	0.58	0.97	0.45	0.77	0.76	0.35	0.28	3.23	0.11
Beryllium (Nanograms/cubic meter)	20	0.01	0.008	0.008	0.04	0.01	0.01	0.02	0.02	0.009	0.009	0.008
Cadmium (Nanograms/cubic meter)	30	0.11	0.29	0.16	0.28	0.10	0.11	0.30	0.22	0.15	0.12	0.03
Chromium (Nanograms/cubic meter)	580	13.6	12.3	12.6	11.2	9.33	11.3	19.6	30.3	18.9	26.9	24.5
Cobalt (Nanograms/cubic meter)	100	0.04	0.06	0.04	0.28	0.03	0.10	0.38	0.50	0.45	0.37	0.37
Mercury (Nanograms/cubic meter)	3000	0.007	0.008	0.009	0.01	0.01	0.05	0.04	0.02	0.03	0.02	0.01
Nickel (Nanograms/cubic meter)	200	0.38	0.30	0.33	0.47	0.49	0.97	3.79	6.60	3.09	6.82	3.90
Selenium (Nanograms/cubic meter)	20000	1.64	1.03	0.55	0.79	0.85	2.07	1.43	0.87	0.92	0.78	0.10

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