

US EPA ARCHIVE DOCUMENT

East Chicago Water Plant
East Chicago, IN

Other Monitored Toxic Air Pollutants

Additional Monitoring Results

Key Pollutant	Screening Level	9/5/2010	9/11/2010	9/17/2010	9/23/2010	9/29/2010	10/5/2010	10/11/2010	10/17/2010	10/23/2010	10/29/2010	11/4/2010	11/10/2010	11/16/2010	11/22/2010	11/28/2010	12/4/2010	12/10/2010	12/16/2010
Antimony (Nanograms/cubic meter)	2000	1.47	--	--		18.5	2.81	3.76	2.43	1.09	1.58	1.13	2.17	2.4	0.63	1.15	0.92	1.85	1.55
Arsenic (Nanograms/cubic meter)	150	3.68	--	--		5.08	1.61	2.29	2.55	1.3	1.19	1.99	1.34	1.77	0.49	0.85	0.8	1.36	1.55
Beryllium (Nanograms/cubic meter)	20	0.008	--	--		0.08	0.03	0.05	0.05	0.02	0.02	0.06	0.05	0.03	0.004	0.003	--	0.005	0.01
Cadmium (Nanograms/cubic meter)	30	0.45	--	--		0.28	0.44	1.37	0.86	0.24	0.19	0.41	0.26	0.28	0.13	0.15	0.18	0.36	0.72
Cobalt (Nanograms/cubic meter)	100	0.1	--	--		0.22	0.39	0.3	0.17	0.15	0.08	0.28	0.2	0.15	0.05	0.05	0.04	0.12	0.13
Mercury (Nanograms/cubic meter)	3000	0.008	--	--		0.01	0.29	0.04	0.05	0.01	0.17	0.04	0.04	0.06	--	--	0.04	0.05	0.15
Nickel (Nanograms/cubic meter)	200	0.75	--	--		1.31	1.98	1.65	1.37	0.59	0.62	2.46	1.29	1.29	1.07	0.62	0.44	0.92	1.62
Selenium (Nanograms/cubic meter)	20000	0.54	--	--		0.55	1.06	2.06	1.34	0.78	0.48	2.75	1.32	2.42	0.8	0.94	2.18	1.1	3.6

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Additional Monitoring Results (continued)

Key Pollutant	Screening Level	12/22/2010	1/3/2011	1/9/2011	1/15/2011	1/21/2011	1/27/2011	2/2/2011	2/8/2011	2/14/2011	2/20/2011	2/26/2011	3/4/2011	3/10/2011	3/16/2011	3/22/2011	3/28/2011	4/3/2011	4/9/2011
Antimony (Nanograms/cubic meter)	2000	1.06	2.38	2.09	2.02	1.05	1	0.62	0.11	0.64	0.49	0.77	3.64	1.34	1.94	2.09	--	0.45	1.26
Arsenic (Nanograms/cubic meter)	150	1.76	0.55	0.82	1.11	0.85	0.57	0.37	0.37	0.75	0.95	0.59	0.38	1.53	1.4	1.37	--	0.72	1.14
Beryllium (Nanograms/cubic meter)	20	--	--	0.02	0.01	0.01	0.02	0.008	0.007	0.01	0.02	0.01	0.006	0.04	0.04	0.03	--	0.03	0.05
Cadmium (Nanograms/cubic meter)	30	0.31	0.56	0.41	0.34	0.25	0.14	0.13	0.06	0.15	0.12	0.13	0.09	0.29	0.23	0.29	--	0.06	0.22
Cobalt (Nanograms/cubic meter)	100	0.11	0.06	0.09	0.11	0.09	0.11	0.05	0.02	0.06	0.07	0.03	0.03	0.1	0.09	0.18	--	0.06	0.3
Mercury (Nanograms/cubic meter)	3000	0.08	0.02	0.04	0.57	0.14	0.14	0.05	0.02	0.11	0.02	0.009	0.01	0.03	0.13	0.03	--	0.0006	0.01
Nickel (Nanograms/cubic meter)	200	2.54	2.25	15.7	1	1.04	0.95	0.55	0.15	0.83	0.52	0.36	0.3	0.67	0.45	0.79	--	0.09	1.09
Selenium (Nanograms/cubic meter)	20000	1.83	0.6	0.49	0.63	1.09	0.61	0.68	0.4	3.09	1.22	1.19	1.01	2.62	2.94	2.04	--	0.34	1.09