

# Cabell County Career Technology Center Huntington, WV

## Other Monitored Toxic Air Pollutants

### Monitoring Results

Key Pollutant	Sample Screening Level	8/17/2009	8/23/2009	8/29/2009	9/4/2009	9/10/2009	9/16/2009	9/22/2009	9/28/2009	10/4/2009	10/7/2009	10/10/2009
Antimony (Nanograms/cubic meter)	2000	1.82	3.38	1.23	3.5	1.06	2.26	1.02	0.48	1.53	5.6	0.7
Arsenic (Nanograms/cubic meter)	150	0.88	1.71	7.01	1.81	0.87	1.27	0.81	0.15	1.53	0.22	0.37
Beryllium (Nanograms/cubic meter)	20	0.03	ND	0.02	0.004	ND	0.008	ND	ND	0.002	ND	ND
Cadmium (Nanograms/cubic meter)	30	0.15	0.09	0.18	0.47	0.25	0.32	0.06	0.03	0.15	0.04	0.07
Cobalt (Nanograms/cubic meter)	100	0.14	ND	0.11	0.3	0.07	0.08	0.05	0.07	0.02	0.04	0.14
Manganese (Nanograms/cubic meter)	500	5.54	2.17	6.09	17.4	4.54	41.1	4.09	15.5	2.22	4.43	2.99
Mercury (Nanograms/cubic meter)	3000	0.03	ND	0.005	ND	ND	0.003	ND	ND	ND	ND	ND
Selenium (Nanograms/cubic meter)	20000	1.18	0.63	1.17	1.64	0.96	2.34	0.65	1.1	0.24	0.59	0.22

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 exposure:

(Results are for metals in air samples of particulate matter 10 micrometers in diameter and smaller (PM10) collected over a 24-hour period to obtain an average concentration during that day.)