

US EPA ARCHIVE DOCUMENT

# Minnesota International Middle Charter School Minneapolis, MN

## Other Monitored Toxic Air Pollutants

### Monitoring Results

| Key Pollutant                        | Sample Screening Level | 7/30/2009 | 8/5/2009 | 8/11/2009 | 8/17/2009 | 8/23/2009 | 8/29/2009 | 9/4/2009 | 9/10/2009 | 9/16/2009 | 9/22/2009 | 10/4/2009 | 10/10/2009 |
|--------------------------------------|------------------------|-----------|----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|------------|
| Antimony<br>(Nanograms/cubic meter)  | 2000                   | 1.04      | 1.35     | 2.8       | 0.94      | 1.92      | 0.63      | 4.18     | 2.13      | 0.94      | 0.62      | 0.72      | 0.33       |
| Arsenic<br>(Nanograms/cubic meter)   | 150                    | 0.34      | 0.19     | 1.95      | ND        | 2.26      | 0.43      | 2.67     | 1         | 0.38      | 0.1       | 0.39      | 0.12       |
| Beryllium<br>(Nanograms/cubic meter) | 20                     | ND        | 0.02     | 0.02      | 0.02      | ND        | 0.002     | 0.0001   | ND        | 0.001     | ND        | 0.008     | ND         |
| Cadmium<br>(Nanograms/cubic meter)   | 30                     | 0.05      | 0.12     | 0.17      | 0.07      | 0.16      | 0.05      | 0.22     | 0.2       | 0.1       | 0.01      | 0.05      | 0.02       |
| Cobalt<br>(Nanograms/cubic meter)    | 100                    | 0.08      | 0.13     | 0.17      | 0.07      | ND        | 0.04      | 0.25     | 0.17      | 0.14      | 0.07      | 0.02      | ND         |
| Mercury<br>(Nanograms/cubic meter)   | 3000                   | 0.04      | 0.04     | 0.04      | 0.03      | 0.006     | ND        | ND       | ND        | 0.005     | ND        | ND        | ND         |
| Selenium<br>(Nanograms/cubic meter)  | 20000                  | 0.38      | 0.36     | 0.53      | 2.59      | 0.55      | 0.11      | 1.69     | 1.01      | 0.78      | 0.26      | ND        | ND         |

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 exposures

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