

Chicora Elementary School
Charleston Heights, SC

Other Monitored Toxic Air Pollutants

Monitoring Results

| Key Pollutant | Sample Screening Level | 7/18/2009 | 7/24/2009 | 7/30/2009 | 8/5/2009 | 8/11/2009 | 8/17/2009 | 8/23/2009 | 8/29/2009 | 9/1/2009 | 9/4/2009 | 9/10/2009 | 9/16/2009 | 9/22/2009 | 9/28/2009 | 10/1/2009 | 10/4/2009 | 10/10/2009 | 10/16/2009 | 10/22/2009 | 10/28/2009 | 11/3/2009 | 11/18/2009 | 11/23/2009 | 12/3/2009 | 12/15/2009 | 12/18/2009 | 12/24/2009 | 1/8/2010 | 1/14/2010 | 1/26/2010 | 2/1/2010 | 2/4/2010 | 2/7/2010 | 2/13/2010 | 2/19/2010 | 2/22/2010 | 2/23/2010 | 3/1/2010 | 3/2/2010 | 3/9/2010 | | | | |
|--|------------------------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|------------|------------|-----------|------------|------------|------------|----------|-----------|-----------|----------|----------|----------|-----------|-----------|-----------|-----------|----------|----------|----------|-------|----|----|----|
| 1,1,2,2-Tetrachloroethane (Micrograms/cubic meter)** | 120 | | | | | | | | | | | | | | | | | ND | ND | -- | ND | ND | ND | -- | -- | -- | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | -- | | | |
| 1,1,2-Trichloroethane (Micrograms/cubic meter) | 440 | | | | | | | | | | | | | | | | | ND | ND | -- | ND | ND | ND | -- | -- | -- | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | -- | |
| 1,1-Dichloroethane (Micrograms/cubic meter) | 4400 | | | | | | | | | | | | | | | | | ND | ND | -- | ND | ND | ND | -- | -- | -- | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | -- | |
| 1,1-Dichloroethylene (Micrograms/cubic meter) | 80 | | | | | | | | | | | | | | | | | ND | ND | -- | ND | ND | ND | -- | -- | -- | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | -- | |
| 1,2,4-Trichlorobenzene (Micrograms/cubic meter) | 2000 | | | | | | | | | | | | | | | | | ND | ND | -- | ND | ND | ND | -- | -- | -- | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | -- | |
| 1,2-Dichloropropane (Micrograms/cubic meter) | 200 | | | | | | | | | | | | | | | | | ND | ND | -- | ND | ND | ND | -- | -- | -- | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | -- | |
| 1,4-Dichlorobenzene (Micrograms/cubic meter) | 10000 | | | | | | | | | | | | | | | | | 0.084 | 0.078 | -- | 0.14 | 0.32 | 0.04 | -- | -- | -- | 0.04 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.36 | 0.21 | 0.09 | 0.05 | -- | | |
| Acetonitrile (Micrograms/cubic meter)** | 600 | | | | | | | | | | | | | | | | | 0.297 | 0.14 | -- | 0.402 | 0.336 | 0.183 | -- | -- | -- | 0.282 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.383 | 0.349 | 0.282 | 0.227 | -- | | |
| Acrylonitrile (Micrograms/cubic meter) | 200 | | | | | | | | | | | | | | | | | ND | ND | -- | ND | ND | ND | -- | -- | -- | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | -- | |
| Antimony (Nanograms/cubic meter) | 2000 | -- | 1.36 | 0.4 | 0.53 | 0.68 | 0.77 | -- | 0.51 | 0.49 | 0.79 | 1.05 | 1.72 | 0.42 | 0.83 | 4.6 | 1.43 | 2.19 | 0.83 | 1.41 | 0.72 | 1.75 | | | | | | | | | | | | | | | | | | | | | | | |
| Arsenic (Nanograms/cubic meter) | 150 | -- | 1.02 | 0.89 | 1.33 | 0.17 | 1.47 | -- | 1.17 | 0.52 | 1.21 | 1.23 | 1.54 | 0.51 | 0.81 | 1.88 | 1.06 | 2.33 | 1.24 | 1.1 | 0.77 | 3.14 | | | | | | | | | | | | | | | | | | | | | | | |
| Benzyl chloride (Micrograms/cubic meter) | 140 | | | | | | | | | | | | | | | | | ND | ND | -- | ND | ND | ND | -- | -- | -- | 0.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | -- |
| Beryllium (Nanograms/cubic meter) | 20 | -- | ND | ND | ND | 0.02 | ND | -- | 0.01 | 0.0008 | 0.002 | ND | 0.009 | ND | ND | 0.02 | 0.01 | ND | ND | 0.01 | 0.02 | 0.005 | | | | | | | | | | | | | | | | | | | | | | | |
| Bromoform (Micrograms/cubic meter)** | 6400 | | | | | | | | | | | | | | | | | ND | ND | -- | ND | ND | ND | -- | -- | -- | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | -- |
| Bromomethane (Micrograms/cubic meter)** | 200 | | | | | | | | | | | | | | | | | 0.074 | 0.051 | -- | 0.054 | 0.043 | 0.039 | -- | -- | -- | 0.066 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.14 | 0.2 | 0.047 | 0.051 | -- | | |
| Cadmium (Nanograms/cubic meter) | 30 | -- | 0.11 | 0.19 | 0.13 | 0.18 | 0.29 | -- | 0.05 | 0.1 | 0.08 | 0.15 | 0.36 | 0.11 | 0.06 | 0.61 | 0.16 | 0.03 | 0.1 | 0.44 | 0.06 | 0.18 | | | | | | | | | | | | | | | | | | | | | | | |
| Carbon disulfide (Micrograms/cubic meter)** | 7000 | | | | | | | | | | | | | | | | | 0.312 | 0.053 | -- | 0.23 | 0.17 | 0.12 | -- | -- | -- | 0.436 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.1 | 0.081 | 0.065 | 0.034 | -- | | |
| Carbon tetrachloride (Micrograms/cubic meter)** | 200 | | | | | | | | | | | | | | | | | 0.642 | 0.629 | -- | 0.919 | 0.6 | 0.58 | -- | -- | -- | 0.736 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.718 | 0.743 | 0.686 | 0.768 | -- | | |
| Chlorobenzene (Micrograms/cubic meter) | 10000 | | | | | | | | | | | | | | | | | ND | ND | -- | 0.852 | ND | 0.44 | -- | -- | -- | 0.521 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.815 | 0.7 | 0.654 | ND | -- | | |
| Chloroethane (Micrograms/cubic meter) | 40000 | | | | | | | | | | | | | | | | | 0.084 | ND | -- | 0.702 | 0.483 | 0.23 | -- | -- | -- | 0.18 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.481 | 0.594 | 0.623 | 0.407 | -- | | |
| Chloroform (Micrograms/cubic meter)** | 500 | | | | | | | | | | | | | | | | | 0.12 | 0.22 | -- | 0.17 | 0.18 | 0.088 | -- | -- | -- | 0.12 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | ND | 0.12 | ND | ND | -- | | |
| Chloromethane (Micrograms/cubic meter)** | 1000 | | | | | | | | | | | | | | | | | 1.73 | 0.781 | -- | 1.93 | 1.22 | 1.12 | -- | -- | -- | 1.51 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1.43 | 1.39 | 1.25 | 1.24 | -- | | |
| Chloroprene (Micrograms/cubic meter) | 200 | | | | | | | | | | | | | | | | | ND | ND | -- | ND | ND | ND | -- | -- | -- | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | ND | 0.12 | ND | ND | -- | |
| Cobalt (Nanograms/cubic meter) | 100 | -- | 0.23 | 0.18 | 0.14 | 0.11 | 0.05 | -- | 0.1 | 0.05 | 0.07 | 0.1 | 0.09 | 0.07 | 0.07 | 0.15 | 0.09 | 0.03 | 0.04 | 0.08 | 0.05 | 0.11 | | | | | | | | | | | | | | | | | | | | | | | |
| Dichloromethane (Micrograms/cubic meter)** | 2000 | | | | | | | | | | | | | | | | | 0.23 | 0.455 | -- | 0.355 | 0.719 | 0.29 | -- | -- | -- | 0.518 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.646 | 0.403 | 0.31 | 0.34 | -- | | |
| Ethyl acrylate (Micrograms/cubic meter) | 7000 | | | | | | | | | | | | | | | | | ND | ND | -- | ND | ND | ND | -- | -- | -- | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | -- | |
| Ethylbenzene (Micrograms/cubic meter)** | 40000 | | | | | | | | | | | | | | | | | 0.656 | 0.4 | -- | 0.27 | 0.821 | 0.16 | -- | -- | -- | 0.26 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1.04 | 0.38 | 0.3 | 0.22 | -- | | |
| Ethylene dibromide (Micrograms/cubic meter) | 12 | | | | | | | | | | | | | | | | | ND | ND | -- | ND | ND | ND | -- | -- | -- | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | -- | |
| Ethylene dichloride (Micrograms/cubic meter) | 270 | | | | | | | | | | | | | | | | | ND | ND | -- | 0.073 | ND | ND | -- | -- | -- | ND | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.22 | ND | 0.16 | 0.089 | -- | | |

