

## Bimonthly Sampling January - June 2001

|                            | Sample Collection Date | Magnesium (ug/L) | Cadmium (ug/L) | Copper (ug/L) | Iron (ug/L) | Lead (ug/L) | Manganese (ug/L) | Mercury (ug/L) | Zinc (ug/L) | Arsenic (ug/L) | Aluminum (ug/L) | Barium (ug/L) | Chromium (ug/L) | Nickel (ug/L) | Selenium (ug/L) | Silver (ug/L) | Antimony (ug/L) | Calcium (ug/L) | Thallium (ug/L) | Total Hardness (mg/L) |
|----------------------------|------------------------|------------------|----------------|---------------|-------------|-------------|------------------|----------------|-------------|----------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|----------------|-----------------|-----------------------|
| New Cumberland<br>MP 54.4  | 01/16/01               | 9,500            | <0.1           | 1.6           | <100        | 0.1         | 179              | <0.2           | 4           | 0.6            | 10              | 42            | <0.1            | 5.0           | <0.5            | <0.1          | 0.1             | 37,800         | <0.2            | 134                   |
|                            | 03/20/01               | 7,180            | <0.1           | 1.4           | <100        | <0.1        | 136              | <0.2           | <1          | 0.3            | 22              | 38            | <0.1            | 3.4           | <0.5            | <0.1          | <0.1            | 24,900         | <0.2            | 92                    |
|                            | 05/08/01               | 5,600            | <0.1           | 2.2           | <100        | <0.1        | 1.4              | <0.2           | <1          | 0.8            | 16              | 39            | <0.1            | 2.1           | <0.5            | <0.1          | 0.1             | 24,000         | <0.2            | 83                    |
| Pike Island<br>MP 84.2     | 01/10/01               | 8,400            | <0.1           | 1.4           | <100        | 0.1         | 120              | <0.2           | 6           | 0.7            | 14              | 36            | <0.1            | 3.7           | <0.5            | <0.1          | 0.1             | 32,300         | <0.2            | 115                   |
|                            | 03/20/01               | 6,300            | <0.1           | 0.7           | <100        | 0.3         | 118              | <0.2           | <1          | 0.3            | 16              | 36            | <0.1            | 3.4           | <0.5            | <0.1          | <0.1            | 22,900         | <0.2            | 83                    |
|                            | 05/08/01               | 6,500            | <0.1           | 1.2           | <100        | <0.1        | 3.0              | <0.2           | 1           | 0.8            | 18              | 40            | 0.3             | 2.3           | <0.5            | <0.1          | 0.1             | 25,400         | <0.2            | 90                    |
| Willow Island<br>MP 161.8  | 01/10/01               | 8,000            | <0.1           | 1.4           | <100        | 0.1         | 80               | <0.2           | 2           | 0.6            | 14              | 34            | <0.1            | 2.6           | <0.5            | <0.1          | 0.1             | 29,900         | <0.2            | 108                   |
|                            | 03/21/01               | 7,780            | <0.1           | 0.9           | <100        | <0.1        | 116              | <0.2           | 3           | 0.4            | 16              | 42            | 0.1             | 3.6           | <0.5            | <0.1          | <0.1            | 28,200         | <0.2            | 102                   |
|                            | 05/02/01               | 5,500            | <0.1           | 1.0           | <100        | <0.1        | 79               | <0.2           | <1          | 0.6            | 15              | 40            | <0.1            | 2.2           | <0.5            | <0.1          | <0.1            | 22,000         | <0.2            | 78                    |
| Belleville<br>MP 203.9     | 01/10/01               | 10,400           | <0.1           | 1.4           | <100        | <0.1        | 89               | <0.2           | 2           | 0.7            | 12              | 35            | 0.2             | 2.6           | <0.5            | <0.1          | 0.2             | 35,400         | <0.2            | 131                   |
|                            | 03/21/01               | 10,000           | <0.1           | 0.9           | <100        | <0.1        | 77               | <0.2           | 1           | 0.3            | 17              | 38            | 0.1             | 2.9           | <0.5            | <0.1          | 0.1             | 33,100         | <0.2            | 124                   |
|                            | 05/03/01               | 6,900            | <0.1           | 1.2           | <100        | <0.1        | 23               | <0.2           | 1           | 0.7            | 14              | 38            | 0.1             | 2.1           | <0.5            | <0.1          | <0.1            | 27,300         | <0.2            | 97                    |
| RC Byrd<br>MP 279.2        | 01/16/01               | 9,800            | <0.1           | 1.8           | <100        | <0.1        | 74               | <0.2           | 2           | 0.6            | 6               | 33            | 0.2             | 3.5           | <0.5            | <0.1          | 0.1             | 32,800         | <0.2            | 122                   |
|                            | 03/21/01               | 7,500            | <0.1           | 0.9           | <100        | <0.1        | 60               | <0.2           | 3           | 0.3            | 12              | 34            | 0.1             | 2.0           | <0.5            | <0.1          | <0.1            | 26,200         | <0.2            | 96                    |
|                            | 05/03/01               | 6,060            | <0.1           | 1.2           | <100        | <0.1        | 65               | <0.2           | 1           | 0.7            | 11              | 36            | 0.1             | 1.6           | <0.5            | <0.1          | 0.1             | 23,500         | <0.2            | 84                    |
| Anderson Ferry<br>MP 477.5 | 01/25/01               | 9,800            | <0.1           | 1.3           | 118         | 0.1         | 24               | <0.2           | 2           | 0.7            | 9               | 33            | 0.1             | 1.6           | <0.5            | <0.1          | 0.2             | 30,000         | <0.2            | 115                   |
|                            | 03/16/01               | 10,200           | <0.1           | 1.1           | <100        | <0.1        | 11               | <0.2           | 1           | 0.6            | 12              | 33            | 0.2             | 1.5           | <0.5            | <0.1          | 0.1             | 33,800         | <0.2            | 126                   |
|                            | 05/24/01               | 6,900            | <0.1           | 1.7           | <100        | <0.1        | 8.5              | <0.2           | 1           | 1.2            | 9               | 36            | 0.1             | 1.8           | <0.5            | <0.1          | 0.2             | 21,000         | <0.2            | 81                    |
| West Point<br>MP 625.9     | 01/25/01               | 13,500           | <0.1           | 1.6           | <100        | <0.1        | 15               | <0.2           | <1          | 1.2            | 7               | 35            | 0.2             | 2.1           | 1.0             | <0.1          | 0.2             | 46,700         | <0.2            | 172                   |
|                            | 03/08/01               | 10,200           | <0.1           | 1.3           | <100        | <0.1        | 10               | <0.2           | 3           | 0.7            | 11              | 29            | 0.1             | 1.9           | 0.6             | <0.1          | 0.2             | 44,200         | <0.2            | 152                   |
|                            | 05/17/01               | 12,800           | <0.1           | 1.4           | <100        | <0.1        | 35               | <0.2           | <1          | 2.1            | 12              | 44            | 0.2             | 1.5           | 1.8             | <0.1          | 0.4             | 40,700         | <0.2            | 154                   |
| JT Myers<br>MP 846.0       | 01/11/01               | 12,900           | <0.1           | 1.7           | <100        | 0.1         | 23               | <0.2           | 1           | 1.2            | 6               | 36            | <0.1            | 1.9           | <0.5            | <0.1          | 0.2             | 41,300         | <0.2            | 156                   |
|                            | 03/08/01               | 8,200            | <0.1           | 1.0           | <100        | <0.1        | 2.0              | <0.2           | <1          | 0.7            | 6               | 26            | <0.1            | 1.0           | <0.5            | <0.1          | 0.1             | 33,400         | <0.2            | 117                   |
|                            | 05/17/01               | 11,400           | <0.1           | 1.6           | <100        | <0.1        | 1.2              | <0.2           | <1          | 1.5            | 4               | 40            | 0.2             | 1.2           | <0.5            | <0.1          | 0.2             | 35,500         | <0.2            | 136                   |
| Smithland<br>MP 918.5      | 01/30/01               | 14,500           | <0.1           | 1.6           | 131         | <0.1        | 1.0              | <0.2           | <1          | 1.0            | 5               | 36            | 0.1             | 1.8           | 0.5             | <0.1          | 0.2             | 46,700         | <0.2            | 176                   |
|                            | 03/22/01               | 12,300           | <0.1           | 1.1           | <100        | <0.1        | 1.5              | <0.2           | <1          | 0.6            | 6               | 36            | 0.1             | 1.1           | <0.5            | <0.1          | 0.2             | 40,000         | <0.2            | 151                   |
|                            | May 2001               | NS               | NS             | NS            | NS          | NS          | NS               | NS             | NS          | NS             | NS              | NS            | NS              | NS            | NS              | NS            | NS              | NS             | NS              | NS                    |

NS = NO SAMPLE COLLECTED