

| Rocky River West Branch |            |      |        |           |           |
|-------------------------|------------|------|--------|-----------|-----------|
| River Mile 4.65         |            |      |        |           |           |
| Sample Date             | Parameter  | Code | Result | Units     | Method    |
| 7/31/2012 10:50         | Ag         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/7/2012 9:30           | Ag         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/14/2012 10:48         | Ag         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/21/2012 10:04         | Ag         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/29/2012 9:20          | Ag         | <    | 0.12   | ug/L      | EPA-200.7 |
| 7/31/2012 10:50         | Al         |      | 191.7  | ug/L      | EPA-200.7 |
| 8/7/2012 9:30           | Al         |      | 117.3  | ug/L      | EPA-200.7 |
| 8/14/2012 10:48         | Al         |      | 88     | ug/L      | EPA-200.7 |
| 8/21/2012 10:04         | Al         |      | 117.9  | ug/L      | EPA-200.7 |
| 8/29/2012 9:20          | Al         |      | 672.5  | ug/L      | EPA-200.7 |
| 7/31/2012 10:50         | Alkalinity |      | 104    | mg/LCaCO3 | EPA-310.2 |
| 8/7/2012 9:30           | Alkalinity |      | 125.7  | mg/LCaCO3 | EPA-310.2 |
| 8/14/2012 10:48         | Alkalinity |      | 103.2  | mg/LCaCO3 | EPA-310.2 |
| 8/21/2012 10:04         | Alkalinity |      | 114.8  | mg/LCaCO3 | EPA-310.2 |
| 8/29/2012 9:20          | Alkalinity |      | 81.9   | mg/LCaCO3 | EPA-310.2 |
| 7/31/2012 10:50         | As         | j    | 1.27   | ug/L      | EPA-200.7 |
| 8/7/2012 9:30           | As         | <    | 0.31   | ug/L      | EPA-200.7 |
| 8/14/2012 10:48         | As         |      | 2.09   | ug/L      | EPA-200.7 |
| 8/21/2012 10:04         | As         | <    | 0.31   | ug/L      | EPA-200.7 |
| 8/29/2012 9:20          | As         | j    | 0.83   | ug/L      | EPA-200.7 |
| 7/31/2012 10:50         | Ba         |      | 32.1   | ug/L      | EPA-200.7 |
| 8/7/2012 9:30           | Ba         |      | 41.23  | ug/L      | EPA-200.7 |
| 8/14/2012 10:48         | Ba         |      | 28.56  | ug/L      | EPA-200.7 |
| 8/21/2012 10:04         | Ba         |      | 34.53  | ug/L      | EPA-200.7 |
| 8/29/2012 9:20          | Ba         |      | 28.61  | ug/L      | EPA-200.7 |
| 7/31/2012 10:50         | Be         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/7/2012 9:30           | Be         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/14/2012 10:48         | Be         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/21/2012 10:04         | Be         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/29/2012 9:20          | Be         | <    | 0.12   | ug/L      | EPA-200.7 |
| 7/31/2012 10:50         | BOD        | <    | 2      | mg/L      | SM 5210   |
| 8/7/2012 9:30           | BOD        | <    | 2      | mg/L      | SM 5210   |
| 8/14/2012 10:48         | BOD        | <    | 2      | mg/L      | SM 5210   |
| 8/21/2012 10:04         | BOD        | <    | 2      | mg/L      | SM 5210   |
| 8/29/2012 9:20          | BOD        | <    | 2      | mg/L      | SM 5210   |
| 7/31/2012 10:50         | Ca         |      | 48570  | ug/L      | EPA-200.7 |
| 8/7/2012 9:30           | Ca         |      | 59220  | ug/L      | EPA-200.7 |
| 8/14/2012 10:48         | Ca         |      | 44950  | ug/L      | EPA-200.7 |
| 8/21/2012 10:04         | Ca         |      | 50410  | ug/L      | EPA-200.7 |

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| 8/29/2012 9:20  | Ca        |      | 38210  | ug/L      | EPA-200.7    |
| 7/31/2012 10:50 | CaCO3     |      | 177    | mg/LCaCO3 | EPA-200.7    |
| 8/7/2012 9:30   | CaCO3     |      | 231    | mg/LCaCO3 | EPA-200.7    |
| 8/14/2012 10:48 | CaCO3     |      | 168    | mg/LCaCO3 | EPA-200.7    |
| 8/21/2012 10:04 | CaCO3     |      | 206    | mg/LCaCO3 | EPA-200.7    |
| 8/29/2012 9:20  | CaCO3     |      | 140    | mg/LCaCO3 | EPA-200.7    |
| 7/31/2012 10:50 | Cd        | <    | 0.02   | ug/L      | EPA-200.7    |
| 8/7/2012 9:30   | Cd        | j    | 0.11   | ug/L      | EPA-200.7    |
| 8/14/2012 10:48 | Cd        | j    | 0.05   | ug/L      | EPA-200.7    |
| 8/21/2012 10:04 | Cd        | <    | 0.02   | ug/L      | EPA-200.7    |
| 8/29/2012 9:20  | Cd        | <    | 0.02   | ug/L      | EPA-200.7    |
| 7/31/2012 10:50 | Chloride  |      | 92.23  | mg/L      | EPA 300.0    |
| 8/7/2012 9:30   | Chloride  |      | 113.1  | mg/L      | EPA 300.0    |
| 8/14/2012 10:48 | Chloride  |      | 91.99  | mg/L      | EPA 300.0    |
| 8/21/2012 10:04 | Chloride  |      | 114.4  | mg/L      | EPA 300.0    |
| 8/29/2012 9:20  | Chloride  |      | 59.68  | mg/L      | EPA 300.0    |
| 7/31/2012 10:50 | Co        | j    | 0.57   | ug/L      | EPA-200.7    |
| 8/7/2012 9:30   | Co        |      | 1.11   | ug/L      | EPA-200.7    |
| 8/14/2012 10:48 | Co        | j    | 0.48   | ug/L      | EPA-200.7    |
| 8/21/2012 10:04 | Co        | j    | 0.82   | ug/L      | EPA-200.7    |
| 8/29/2012 9:20  | Co        | j    | 0.71   | ug/L      | EPA-200.7    |
| 7/31/2012 10:50 | COD       |      | 15.6   | mg/L      | EPA 410.4    |
| 8/7/2012 9:30   | COD       |      | 18.4   | mg/L      | EPA 410.4    |
| 8/14/2012 10:48 | COD       |      | 11.6   | mg/L      | EPA 410.4    |
| 8/21/2012 10:04 | COD       |      | 32.1   | mg/L      | EPA 410.4    |
| 8/29/2012 9:20  | COD       | j    | 6.9    | mg/L      | EPA 410.4    |
| 8/29/2012 9:20  | Cr        | j    | 1.08   | ug/L      | EPA-200.7    |
| 8/29/2012 9:20  | Cr+6      | <    | 1      | ug/L      | SM 3500-Cr-D |
| 7/31/2012 10:50 | Cu        |      | 2.55   | ug/L      | EPA-200.7    |
| 8/7/2012 9:30   | Cu        |      | 4.25   | ug/L      | EPA-200.7    |
| 8/14/2012 10:48 | Cu        |      | 2.74   | ug/L      | EPA-200.7    |
| 8/21/2012 10:04 | Cu        |      | 4.09   | ug/L      | EPA-200.7    |
| 8/29/2012 9:20  | Cu        |      | 3.53   | ug/L      | EPA-200.7    |
| 7/31/2012 10:50 | DRPhos    |      | 0.025  | mg/L      | EPA 365.1    |
| 8/7/2012 9:30   | DRPhos    |      | 0.03   | mg/L      | EPA 365.1    |
| 8/14/2012 10:48 | DRPhos    |      | 0.074  | mg/L      | EPA 365.1    |
| 8/21/2012 10:04 | DRPhos    |      | 0.051  | mg/L      | EPA 365.1    |

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|-----------------|------------|------|--------|-----------|-------------|
| 7/31/2012 10:50 | E. coli    |      | 110    | cfu/100mL | EPA 1603    |
| 8/7/2012 9:30   | E. coli    |      | 61     | cfu/100mL | EPA 1603    |
| 8/14/2012 10:48 | E. coli    |      | 1000   | cfu/100mL | EPA 1603    |
| 8/21/2012 10:04 | E. coli    |      | 260    | cfu/100mL | EPA 1603    |
| 8/29/2012 9:20  | E. coli    |      | 360    | cfu/100mL | EPA 1603    |
| 7/31/2012 10:50 | Fe         |      | 312.8  | ug/L      | EPA-200.7   |
| 8/7/2012 9:30   | Fe         |      | 294.7  | ug/L      | EPA-200.7   |
| 8/14/2012 10:48 | Fe         |      | 209.6  | ug/L      | EPA-200.7   |
| 8/21/2012 10:04 | Fe         |      | 331.1  | ug/L      | EPA-200.7   |
| 8/29/2012 9:20  | Fe         |      | 1237   | ug/L      | EPA-200.7   |
| 7/31/2012 10:50 | Field Cond |      | 695    | uS/cm     | SM 2510A    |
| 8/7/2012 9:30   | Field Cond |      | 818    | uS/cm     | SM 2510A    |
| 8/14/2012 10:48 | Field Cond |      | 668    | uS/cm     | SM 2510A    |
| 8/21/2012 10:04 | Field Cond |      | 865    | uS/cm     | SM 2510A    |
| 8/29/2012 9:20  | Field Cond |      | 463    | uS/cm     | SM 2510A    |
| 7/31/2012 10:50 | Field DO   |      | 9      | mg/L      | SM 4500-0 G |
| 8/7/2012 9:30   | Field DO   |      | 7.87   | mg/L      | SM 4500-0 G |
| 8/14/2012 10:48 | Field DO   |      | 9.47   | mg/L      | SM 4500-0 G |
| 8/21/2012 10:04 | Field DO   |      | 8.15   | mg/L      | SM 4500-0 G |
| 8/29/2012 9:20  | Field DO   |      | 8.87   | mg/L      | SM 4500-0 G |
| 7/31/2012 10:50 | Field Temp |      | 23.4   | C         | EPA 170.1   |
| 8/7/2012 9:30   | Field Temp |      | 21.6   | C         | EPA 170.1   |
| 8/14/2012 10:48 | Field Temp |      | 20.4   | C         | EPA 170.1   |
| 8/21/2012 10:04 | Field Temp |      | 18.4   | C         | EPA 170.1   |
| 8/29/2012 9:20  | Field Temp |      | 20.7   | C         | EPA 170.1   |
| 7/31/2012 10:50 | Hg         | <    | 0.005  | ug/L      | EPA 245.1   |
| 8/7/2012 9:30   | Hg         | <    | 0.005  | ug/L      | EPA 245.1   |
| 8/14/2012 10:48 | Hg         | <    | 0.005  | ug/L      | EPA 245.1   |
| 8/21/2012 10:04 | Hg         | <    | 0.005  | ug/L      | EPA 245.1   |
| 8/29/2012 9:20  | Hg         | <    | 0.005  | ug/L      | EPA 245.1   |
| 7/31/2012 10:50 | K          |      | 5966   | ug/L      | EPA-200.7   |
| 8/7/2012 9:30   | K          |      | 13150  | ug/L      | EPA-200.7   |
| 8/14/2012 10:48 | K          |      | 6440   | ug/L      | EPA-200.7   |
| 8/21/2012 10:04 | K          |      | 9613   | ug/L      | EPA-200.7   |
| 8/29/2012 9:20  | K          |      | 4694   | ug/L      | EPA-200.7   |
| 7/31/2012 10:50 | Mg         |      | 13440  | ug/L      | EPA-200.7   |
| 8/7/2012 9:30   | Mg         |      | 20200  | ug/L      | EPA-200.7   |
| 8/14/2012 10:48 | Mg         |      | 13610  | ug/L      | EPA-200.7   |

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| 8/21/2012 10:04         | Mg        |      | 19450  | ug/L  | EPA-200.7     |
| 8/29/2012 9:20          | Mg        |      | 10730  | ug/L  | EPA-200.7     |
| 7/31/2012 10:50         | Mn        |      | 68.71  | ug/L  | EPA-200.7     |
| 8/7/2012 9:30           | Mn        |      | 66.67  | ug/L  | EPA-200.7     |
| 8/14/2012 10:48         | Mn        |      | 59.54  | ug/L  | EPA-200.7     |
| 8/21/2012 10:04         | Mn        |      | 62.85  | ug/L  | EPA-200.7     |
| 8/29/2012 9:20          | Mn        |      | 58.96  | ug/L  | EPA-200.7     |
| 7/31/2012 10:50         | Mo        |      | 5.35   | ug/L  | EPA-200.7     |
| 8/7/2012 9:30           | Mo        |      | 8.63   | ug/L  | EPA-200.7     |
| 8/14/2012 10:48         | Mo        |      | 4.88   | ug/L  | EPA-200.7     |
| 8/21/2012 10:04         | Mo        |      | 6.48   | ug/L  | EPA-200.7     |
| 8/29/2012 9:20          | Mo        |      | 4.24   | ug/L  | EPA-200.7     |
| 7/31/2012 10:50         | Na        |      | 59140  | ug/L  | EPA-200.7     |
| 8/7/2012 9:30           | Na        |      | 72270  | ug/L  | EPA-200.7     |
| 8/14/2012 10:48         | Na        |      | 62200  | ug/L  | EPA-200.7     |
| 8/21/2012 10:04         | Na        |      | 70160  | ug/L  | EPA-200.7     |
| 8/29/2012 9:20          | Na        |      | 42720  | ug/L  | EPA-200.7     |
| 7/31/2012 10:50         | NH3       |      | 0.066  | mg/L  | EPA-350.1     |
| 8/7/2012 9:30           | NH3       |      | 0.11   | mg/L  | EPA-350.1     |
| 8/14/2012 10:48         | NH3       |      | 0.071  | mg/L  | EPA-350.1     |
| 8/21/2012 10:04         | NH3       |      | 0.104  | mg/L  | EPA-350.1     |
| 8/29/2012 9:20          | NH3       |      | 0.099  | mg/L  | EPA-350.1     |
| 7/31/2012 10:50         | Ni        | j    | 1.66   | ug/L  | EPA-200.7     |
| 8/7/2012 9:30           | Ni        |      | 3.89   | ug/L  | EPA-200.7     |
| 8/14/2012 10:48         | Ni        | j    | 1.6    | ug/L  | EPA-200.7     |
| 8/21/2012 10:04         | Ni        |      | 2.97   | ug/L  | EPA-200.7     |
| 8/29/2012 9:20          | Ni        |      | 2.5    | ug/L  | EPA-200.7     |
| 7/31/2012 10:50         | NO2       | j    | 0.014  | mg/L  | SM 4500-NO2-B |
| 8/7/2012 9:30           | NO2       |      | 0.039  | mg/L  | SM 4500-NO2-B |
| 8/14/2012 10:48         | NO2       |      | 0.022  | mg/L  | SM 4500-NO2-B |
| 8/21/2012 10:04         | NO2       |      | 0.029  | mg/L  | SM 4500-NO2-B |
| 8/29/2012 9:20          | NO2       |      | 0.024  | mg/L  | SM 4500-NO2-B |
| 7/31/2012 10:50         | NO3       |      | 2.056  | mg/L  | EPA 353.2     |
| 8/7/2012 9:30           | NO3       |      | 7.888  | mg/L  | EPA 353.2     |
| 8/14/2012 10:48         | NO3       |      | 2.636  | mg/L  | EPA 353.2     |
| 8/21/2012 10:04         | NO3       |      | 6.234  | mg/L  | EPA 353.2     |
| 8/29/2012 9:20          | NO3       |      | 0.982  | mg/L  | EPA 353.2     |
| 7/31/2012 10:50         | NO3+NO2   |      | 2.07   | mg/L  | EPA 353.2     |

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|-----------------|-----------|------|--------|-------|-----------|
| 8/7/2012 9:30   | NO3+NO2   |      | 7.927  | mg/L  | EPA 353.2 |
| 8/14/2012 10:48 | NO3+NO2   |      | 2.658  | mg/L  | EPA 353.2 |
| 8/21/2012 10:04 | NO3+NO2   |      | 6.263  | mg/L  | EPA 353.2 |
| 8/29/2012 9:20  | NO3+NO2   |      | 1.006  | mg/L  | EPA 353.2 |
| 7/31/2012 10:50 | Pb        | <    | 0.39   | ug/L  | EPA-200.7 |
| 8/7/2012 9:30   | Pb        | <    | 0.39   | ug/L  | EPA-200.7 |
| 8/14/2012 10:48 | Pb        | <    | 0.39   | ug/L  | EPA-200.7 |
| 8/21/2012 10:04 | Pb        | <    | 0.39   | ug/L  | EPA-200.7 |
| 8/29/2012 9:20  | Pb        | j    | 0.75   | ug/L  | EPA-200.7 |
| 7/31/2012 10:50 | pH        |      | 7.9    | S.U.  |           |
| 8/7/2012 9:30   | pH        |      | 7.76   | S.U.  |           |
| 8/14/2012 10:48 | pH        |      | 7.64   | S.U.  |           |
| 8/21/2012 10:04 | pH        |      | 7.8    | S.U.  |           |
| 8/29/2012 9:20  | pH        |      | 7.69   | S.U.  |           |
| 7/31/2012 10:50 | Sb        | <    | 0.61   | ug/L  | EPA-200.7 |
| 8/7/2012 9:30   | Sb        | <    | 0.61   | ug/L  | EPA-200.7 |
| 8/14/2012 10:48 | Sb        | <    | 0.61   | ug/L  | EPA-200.7 |
| 8/21/2012 10:04 | Sb        | j    | 0.71   | ug/L  | EPA-200.7 |
| 8/29/2012 9:20  | Sb        | <    | 0.61   | ug/L  | EPA-200.7 |
| 7/31/2012 10:50 | Se        | j    | 0.64   | ug/L  | EPA-200.7 |
| 8/7/2012 9:30   | Se        | j    | 0.74   | ug/L  | EPA-200.7 |
| 8/14/2012 10:48 | Se        | <    | 0.63   | ug/L  | EPA-200.7 |
| 8/21/2012 10:04 | Se        | <    | 0.63   | ug/L  | EPA-200.7 |
| 8/29/2012 9:20  | Se        | <    | 0.63   | ug/L  | EPA-200.7 |
| 7/31/2012 10:50 | Sn        | <    | 18.4   | ug/L  | EPA-200.7 |
| 8/7/2012 9:30   | Sn        | <    | 18.4   | ug/L  | EPA-200.7 |
| 8/14/2012 10:48 | Sn        | <    | 18.4   | ug/L  | EPA-200.7 |
| 8/21/2012 10:04 | Sn        | <    | 18.4   | ug/L  | EPA-200.7 |
| 8/29/2012 9:20  | Sn        | <    | 18.4   | ug/L  | EPA-200.7 |
| 7/31/2012 10:50 | SO4       |      | 63.48  | mg/L  | EPA 300.0 |
| 8/7/2012 9:30   | SO4       |      | 76.09  | mg/L  | EPA 300.0 |
| 8/14/2012 10:48 | SO4       |      | 66.04  | mg/L  | EPA 300.0 |
| 8/21/2012 10:04 | SO4       |      | 86.32  | mg/L  | EPA 300.0 |
| 8/29/2012 9:20  | SO4       |      | 50.07  | mg/L  | EPA 300.0 |
| 7/31/2012 10:50 | TDS       |      | 414    | mg/L  | SM2540C   |
| 8/7/2012 9:30   | TDS       |      | 514    | mg/L  | SM2540C   |
| 8/14/2012 10:48 | TDS       |      | 404    | mg/L  | SM2540C   |
| 8/21/2012 10:04 | TDS       |      | 516    | mg/L  | SM2540C   |
| 8/29/2012 9:20  | TDS       |      | 314    | mg/L  | SM2540C   |

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|-----------------|-----------|------|--------|-------|-----------|
| 7/31/2012 10:50 | Ti        |      | 3.27   | ug/L  | EPA-200.7 |
| 8/7/2012 9:30   | Ti        |      | 2.4    | ug/L  | EPA-200.7 |
| 8/14/2012 10:48 | Ti        | j    | 1.33   | ug/L  | EPA-200.7 |
| 8/21/2012 10:04 | Ti        | j    | 1.54   | ug/L  | EPA-200.7 |
| 8/29/2012 9:20  | Ti        |      | 10.4   | ug/L  | EPA-200.7 |
| 7/31/2012 10:50 | TI        | j    | 1.43   | ug/L  | EPA-200.7 |
| 8/7/2012 9:30   | TI        | j    | 1.73   | ug/L  | EPA-200.7 |
| 8/14/2012 10:48 | TI        | <    | 1.11   | ug/L  | EPA-200.7 |
| 8/21/2012 10:04 | TI        | j    | 1.52   | ug/L  | EPA-200.7 |
| 8/29/2012 9:20  | TI        | <    | 1.11   | ug/L  | EPA-200.7 |
| 7/31/2012 10:50 | TMET      | <    | 10     | ug/L  | EPA-200.7 |
| 8/7/2012 9:30   | TMET      |      | 23.2   | ug/L  | EPA-200.7 |
| 8/14/2012 10:48 | TMET      |      | 10.9   | ug/L  | EPA-200.7 |
| 8/21/2012 10:04 | TMET      |      | 17.6   | ug/L  | EPA-200.7 |
| 8/29/2012 9:20  | TMET      |      | 15.8   | ug/L  | EPA-200.7 |
| 7/31/2012 10:50 | Total-P   |      | 0.054  | mg/L  | EPA 365.1 |
| 8/7/2012 9:30   | Total-P   |      | 0.058  | mg/L  | EPA 365.1 |
| 8/14/2012 10:48 | Total-P   |      | 0.11   | mg/L  | EPA 365.1 |
| 8/21/2012 10:04 | Total-P   |      | 0.096  | mg/L  | EPA 365.1 |
| 8/29/2012 9:20  | Total-P   |      | 0.099  | mg/L  | EPA 365.1 |
| 7/31/2012 10:50 | TS        |      | 446    | mg/L  | SM2540B   |
| 8/7/2012 9:30   | TS        |      | 618    | mg/L  | SM2540B   |
| 8/14/2012 10:48 | TS        |      | 436    | mg/L  | SM2540B   |
| 8/21/2012 10:04 | TS        |      | 582    | mg/L  | SM2540B   |
| 8/29/2012 9:20  | TS        |      | 352    | mg/L  | SM2540B   |
| 7/31/2012 10:50 | TSS       |      | 6.3    | mg/L  | SM2540D   |
| 8/7/2012 9:30   | TSS       |      | 6      | mg/L  | SM2540D   |
| 8/14/2012 10:48 | TSS       |      | 6.8    | mg/L  | SM2540D   |
| 8/21/2012 10:04 | TSS       |      | 5      | mg/L  | SM2540D   |
| 8/29/2012 9:20  | TSS       |      | 27     | mg/L  | SM2540D   |
| 7/31/2012 10:50 | Turbidity |      | 8.48   | NTU   | EPA 180.1 |
| 8/7/2012 9:30   | Turbidity |      | 6      | NTU   | EPA 180.1 |
| 8/14/2012 10:48 | Turbidity |      | 7.92   | NTU   | EPA 180.1 |
| 8/21/2012 10:04 | Turbidity |      | 10.7   | NTU   | EPA 180.1 |
| 8/29/2012 9:20  | Turbidity |      | 37.3   | NTU   | EPA 180.1 |
| 7/31/2012 10:50 | V         | j    | 0.6    | ug/L  | EPA-200.7 |
| 8/7/2012 9:30   | V         | j    | 0.34   | ug/L  | EPA-200.7 |
| 8/14/2012 10:48 | V         | j    | 0.28   | ug/L  | EPA-200.7 |

## Rocky River West Branch

River Mile 4.65

| Sample Date     | Parameter | Code | Result | Units | Method    |
|-----------------|-----------|------|--------|-------|-----------|
| 8/21/2012 10:04 | V         | j    | 0.49   | ug/L  | EPA-200.7 |
| 8/29/2012 9:20  | V         |      | 1.08   | ug/L  | EPA-200.7 |
| 7/31/2012 10:50 | Zn        | j    | 4.94   | ug/L  | EPA-200.7 |
| 8/7/2012 9:30   | Zn        |      | 14.81  | ug/L  | EPA-200.7 |
| 8/14/2012 10:48 | Zn        | j    | 6.55   | ug/L  | EPA-200.7 |
| 8/21/2012 10:04 | Zn        |      | 10.23  | ug/L  | EPA-200.7 |
| 8/29/2012 9:20  | Zn        | j    | 8.65   | ug/L  | EPA-200.7 |

| Rocky River West Branch |            |      |        |           |           |
|-------------------------|------------|------|--------|-----------|-----------|
| River Mile 4.40         |            |      |        |           |           |
| Sample Date             | Parameter  | Code | Result | Units     | Method    |
| 7/31/2012 12:25         | Ag         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/7/2012 9:05           | Ag         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/14/2012 10:20         | Ag         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/21/2012 10:27         | Ag         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/29/2012 9:47          | Ag         | <    | 0.12   | ug/L      | EPA-200.7 |
| 7/31/2012 12:25         | Al         |      | 168.9  | ug/L      | EPA-200.7 |
| 8/7/2012 9:05           | Al         |      | 119.9  | ug/L      | EPA-200.7 |
| 8/14/2012 10:20         | Al         |      | 102.8  | ug/L      | EPA-200.7 |
| 8/21/2012 10:27         | Al         |      | 178.4  | ug/L      | EPA-200.7 |
| 8/29/2012 9:47          | Al         |      | 463.6  | ug/L      | EPA-200.7 |
| 7/31/2012 12:25         | Alkalinity |      | 105.8  | mg/LCaCO3 | EPA-310.2 |
| 8/7/2012 9:05           | Alkalinity |      | 124.3  | mg/LCaCO3 | EPA-310.2 |
| 8/14/2012 10:20         | Alkalinity |      | 108    | mg/LCaCO3 | EPA-310.2 |
| 8/21/2012 10:27         | Alkalinity |      | 112.7  | mg/LCaCO3 | EPA-310.2 |
| 8/29/2012 9:47          | Alkalinity |      | 84.1   | mg/LCaCO3 | EPA-310.2 |
| 7/31/2012 12:25         | As         | j    | 1.04   | ug/L      | EPA-200.7 |
| 8/7/2012 9:05           | As         | <    | 0.31   | ug/L      | EPA-200.7 |
| 8/14/2012 10:20         | As         | j    | 1.91   | ug/L      | EPA-200.7 |
| 8/21/2012 10:27         | As         | j    | 0.31   | ug/L      | EPA-200.7 |
| 8/29/2012 9:47          | As         | j    | 0.69   | ug/L      | EPA-200.7 |
| 7/31/2012 12:25         | Ba         |      | 31.82  | ug/L      | EPA-200.7 |
| 8/7/2012 9:05           | Ba         |      | 42.58  | ug/L      | EPA-200.7 |
| 8/14/2012 10:20         | Ba         |      | 29.29  | ug/L      | EPA-200.7 |
| 8/21/2012 10:27         | Ba         |      | 33.2   | ug/L      | EPA-200.7 |
| 8/29/2012 9:47          | Ba         |      | 27.13  | ug/L      | EPA-200.7 |
| 7/31/2012 12:25         | Be         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/7/2012 9:05           | Be         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/14/2012 10:20         | Be         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/21/2012 10:27         | Be         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/29/2012 9:47          | Be         | <    | 0.12   | ug/L      | EPA-200.7 |
| 7/31/2012 12:25         | BOD        | <    | 2      | mg/L      | SM 5210   |
| 8/7/2012 9:05           | BOD        | <    | 2      | mg/L      | SM 5210   |
| 8/14/2012 10:20         | BOD        | <    | 2      | mg/L      | SM 5210   |
| 8/21/2012 10:27         | BOD        | <    | 2      | mg/L      | SM 5210   |
| 8/29/2012 9:47          | BOD        | <    | 2      | mg/L      | SM 5210   |
| 7/31/2012 12:25         | Ca         |      | 49310  | ug/L      | EPA-200.7 |
| 8/7/2012 9:05           | Ca         |      | 57320  | ug/L      | EPA-200.7 |
| 8/14/2012 10:20         | Ca         |      | 45790  | ug/L      | EPA-200.7 |
| 8/21/2012 10:27         | Ca         |      | 49700  | ug/L      | EPA-200.7 |

| Rocky River West Branch |           |      |        |           |           |
|-------------------------|-----------|------|--------|-----------|-----------|
| River Mile 4.40         |           |      |        |           |           |
| Sample Date             | Parameter | Code | Result | Units     | Method    |
| 8/29/2012 9:47          | Ca        |      | 36590  | ug/L      | EPA-200.7 |
| 7/31/2012 12:25         | CaCO3     |      | 179    | mg/LCaCO3 | EPA-200.7 |
| 8/7/2012 9:05           | CaCO3     |      | 227    | mg/LCaCO3 | EPA-200.7 |
| 8/14/2012 10:20         | CaCO3     |      | 173    | mg/LCaCO3 | EPA-200.7 |
| 8/21/2012 10:27         | CaCO3     |      | 199    | mg/LCaCO3 | EPA-200.7 |
| 8/29/2012 9:47          | CaCO3     |      | 136    | mg/LCaCO3 | EPA-200.7 |
| 7/31/2012 12:25         | Cd        | <    | 0.02   | ug/L      | EPA-200.7 |
| 8/7/2012 9:05           | Cd        | j    | 0.06   | ug/L      | EPA-200.7 |
| 8/14/2012 10:20         | Cd        | j    | 0.055  | ug/L      | EPA-200.7 |
| 8/21/2012 10:27         | Cd        | <    | 0.02   | ug/L      | EPA-200.7 |
| 8/29/2012 9:47          | Cd        | <    | 0.02   | ug/L      | EPA-200.7 |
| 7/31/2012 12:25         | Chloride  |      | 64.21  | mg/L      | EPA 300.0 |
| 8/7/2012 9:05           | Chloride  |      | 115.3  | mg/L      | EPA 300.0 |
| 8/14/2012 10:20         | Chloride  |      | 95.53  | mg/L      | EPA 300.0 |
| 8/21/2012 10:27         | Chloride  |      | 111.3  | mg/L      | EPA 300.0 |
| 8/29/2012 9:47          | Chloride  |      | 59.31  | mg/L      | EPA 300.0 |
| 7/31/2012 12:25         | Co        | j    | 0.55   | ug/L      | EPA-200.7 |
| 8/7/2012 9:05           | Co        |      | 1.15   | ug/L      | EPA-200.7 |
| 8/14/2012 10:20         | Co        | j    | 0.495  | ug/L      | EPA-200.7 |
| 8/21/2012 10:27         | Co        | j    | 0.87   | ug/L      | EPA-200.7 |
| 8/29/2012 9:47          | Co        | j    | 0.58   | ug/L      | EPA-200.7 |
| 7/31/2012 12:25         | COD       |      | 12.4   | mg/L      | EPA 410.4 |
| 8/7/2012 9:05           | COD       |      | 18.9   | mg/L      | EPA 410.4 |
| 8/14/2012 10:20         | COD       |      | 14.8   | mg/L      | EPA 410.4 |
| 8/21/2012 10:27         | COD       |      | 32.9   | mg/L      | EPA 410.4 |
| 8/29/2012 9:47          | COD       |      | 14.6   | mg/L      | EPA 410.4 |
| 7/31/2012 12:25         | Cu        |      | 2.63   | ug/L      | EPA-200.7 |
| 8/7/2012 9:05           | Cu        |      | 4.34   | ug/L      | EPA-200.7 |
| 8/14/2012 10:20         | Cu        |      | 2.795  | ug/L      | EPA-200.7 |
| 8/21/2012 10:27         | Cu        |      | 3.97   | ug/L      | EPA-200.7 |
| 8/29/2012 9:47          | Cu        |      | 3.44   | ug/L      | EPA-200.7 |
| 7/31/2012 12:25         | DRPhos    |      | 0.024  | mg/L      | EPA 365.1 |
| 8/7/2012 9:05           | DRPhos    |      | 0.022  | mg/L      | EPA 365.1 |
| 8/14/2012 10:20         | DRPhos    |      | 0.081  | mg/L      | EPA 365.1 |
| 8/21/2012 10:27         | DRPhos    |      | 0.039  | mg/L      | EPA 365.1 |
| 7/31/2012 12:25         | E. coli   |      | 165    | cfu/100mL | EPA 1603  |
| 8/7/2012 9:05           | E. coli   |      | 250    | cfu/100mL | EPA 1603  |
| 8/14/2012 10:20         | E. coli   |      | 767    | cfu/100mL | EPA 1603  |

## Rocky River West Branch

River Mile 4.40

| Sample Date     | Parameter  | Code | Result | Units     | Method      |
|-----------------|------------|------|--------|-----------|-------------|
| 8/21/2012 10:27 | E. coli    |      | 1133   | cfu/100mL | EPA 1603    |
| 8/29/2012 9:47  | E. coli    |      | 365    | cfu/100mL | EPA 1603    |
| 7/31/2012 12:25 | Fe         |      | 285    | ug/L      | EPA-200.7   |
| 8/7/2012 9:05   | Fe         |      | 285.3  | ug/L      | EPA-200.7   |
| 8/14/2012 10:20 | Fe         |      | 225.3  | ug/L      | EPA-200.7   |
| 8/21/2012 10:27 | Fe         |      | 451.9  | ug/L      | EPA-200.7   |
| 8/29/2012 9:47  | Fe         |      | 886.1  | ug/L      | EPA-200.7   |
| 7/31/2012 12:25 | Field Cond |      | 683    | uS/cm     | SM 2510A    |
| 8/7/2012 9:05   | Field Cond |      | 884    | uS/cm     | SM 2510A    |
| 8/14/2012 10:20 | Field Cond |      | 674    | uS/cm     | SM 2510A    |
| 8/21/2012 10:27 | Field Cond |      | 830    | uS/cm     | SM 2510A    |
| 8/29/2012 9:47  | Field Cond |      | 419    | uS/cm     | SM 2510A    |
| 7/31/2012 12:25 | Field DO   |      | 9.69   | mg/L      | SM 4500-0 G |
| 8/7/2012 9:05   | Field DO   |      | 8.19   | mg/L      | SM 4500-0 G |
| 8/14/2012 10:20 | Field DO   |      | 8.82   | mg/L      | SM 4500-0 G |
| 8/21/2012 10:27 | Field DO   |      | 8.54   | mg/L      | SM 4500-0 G |
| 8/29/2012 9:47  | Field DO   |      | 9.64   | mg/L      | SM 4500-0 G |
| 7/31/2012 12:25 | Field Temp |      | 23.9   | C         | EPA 170.1   |
| 8/7/2012 9:05   | Field Temp |      | 21.4   | C         | EPA 170.1   |
| 8/14/2012 10:20 | Field Temp |      | 20.3   | C         | EPA 170.1   |
| 8/21/2012 10:27 | Field Temp |      | 18.3   | C         | EPA 170.1   |
| 8/29/2012 9:47  | Field Temp |      | 20.6   | C         | EPA 170.1   |
| 7/31/2012 12:25 | Hg         | <    | 0.005  | ug/L      | EPA 245.1   |
| 8/7/2012 9:05   | Hg         | <    | 0.005  | ug/L      | EPA 245.1   |
| 8/14/2012 10:20 | Hg         | <    | 0.005  | ug/L      | EPA 245.1   |
| 8/21/2012 10:27 | Hg         | <    | 0.005  | ug/L      | EPA 245.1   |
| 8/29/2012 9:47  | Hg         | <    | 0.005  | ug/L      | EPA 245.1   |
| 7/31/2012 12:25 | K          |      | 5946   | ug/L      | EPA-200.7   |
| 8/7/2012 9:05   | K          |      | 12860  | ug/L      | EPA-200.7   |
| 8/14/2012 10:20 | K          |      | 6734   | ug/L      | EPA-200.7   |
| 8/21/2012 10:27 | K          |      | 8793   | ug/L      | EPA-200.7   |
| 8/29/2012 9:47  | K          |      | 4704   | ug/L      | EPA-200.7   |
| 7/31/2012 12:25 | Mg         |      | 13550  | ug/L      | EPA-200.7   |
| 8/7/2012 9:05   | Mg         |      | 20300  | ug/L      | EPA-200.7   |
| 8/14/2012 10:20 | Mg         |      | 14150  | ug/L      | EPA-200.7   |
| 8/21/2012 10:27 | Mg         |      | 18150  | ug/L      | EPA-200.7   |
| 8/29/2012 9:47  | Mg         |      | 10910  | ug/L      | EPA-200.7   |
| 7/31/2012 12:25 | Mn         |      | 68.89  | ug/L      | EPA-200.7   |

| Rocky River West Branch |           |      |        |       |               |
|-------------------------|-----------|------|--------|-------|---------------|
| River Mile 4.40         |           |      |        |       |               |
| Sample Date             | Parameter | Code | Result | Units | Method        |
| 8/7/2012 9:05           | Mn        |      | 57.08  | ug/L  | EPA-200.7     |
| 8/14/2012 10:20         | Mn        |      | 55.64  | ug/L  | EPA-200.7     |
| 8/21/2012 10:27         | Mn        |      | 63.27  | ug/L  | EPA-200.7     |
| 8/29/2012 9:47          | Mn        |      | 52.73  | ug/L  | EPA-200.7     |
| 7/31/2012 12:25         | Mo        |      | 5.51   | ug/L  | EPA-200.7     |
| 8/7/2012 9:05           | Mo        |      | 8.99   | ug/L  | EPA-200.7     |
| 8/14/2012 10:20         | Mo        |      | 5.11   | ug/L  | EPA-200.7     |
| 8/21/2012 10:27         | Mo        |      | 5.98   | ug/L  | EPA-200.7     |
| 8/29/2012 9:47          | Mo        |      | 4.03   | ug/L  | EPA-200.7     |
| 7/31/2012 12:25         | Na        |      | 60840  | ug/L  | EPA-200.7     |
| 8/7/2012 9:05           | Na        |      | 77280  | ug/L  | EPA-200.7     |
| 8/14/2012 10:20         | Na        |      | 64120  | ug/L  | EPA-200.7     |
| 8/21/2012 10:27         | Na        |      | 70560  | ug/L  | EPA-200.7     |
| 8/29/2012 9:47          | Na        |      | 41520  | ug/L  | EPA-200.7     |
| 7/31/2012 12:25         | NH3       |      | 0.058  | mg/L  | EPA-350.1     |
| 8/7/2012 9:05           | NH3       |      | 0.129  | mg/L  | EPA-350.1     |
| 8/14/2012 10:20         | NH3       |      | 0.064  | mg/L  | EPA-350.1     |
| 8/21/2012 10:27         | NH3       |      | 0.079  | mg/L  | EPA-350.1     |
| 8/29/2012 9:47          | NH3       |      | 0.093  | mg/L  | EPA-350.1     |
| 7/31/2012 12:25         | Ni        | j    | 1.76   | ug/L  | EPA-200.7     |
| 8/7/2012 9:05           | Ni        |      | 3.91   | ug/L  | EPA-200.7     |
| 8/14/2012 10:20         | Ni        | j    | 1.695  | ug/L  | EPA-200.7     |
| 8/21/2012 10:27         | Ni        |      | 2.99   | ug/L  | EPA-200.7     |
| 8/29/2012 9:47          | Ni        |      | 2.14   | ug/L  | EPA-200.7     |
| 7/31/2012 12:25         | NO2       | j    | 0.012  | mg/L  | SM 4500-NO2-B |
| 8/7/2012 9:05           | NO2       |      | 0.04   | mg/L  | SM 4500-NO2-B |
| 8/14/2012 10:20         | NO2       | j    | 0.015  | mg/L  | SM 4500-NO2-B |
| 8/21/2012 10:27         | NO2       |      | 0.029  | mg/L  | SM 4500-NO2-B |
| 8/29/2012 9:47          | NO2       |      | 1.045  | mg/L  | SM 4500-NO2-B |
| 7/31/2012 12:25         | NO3       |      | 1.996  | mg/L  | EPA 353.2     |
| 8/7/2012 9:05           | NO3       |      | 7.588  | mg/L  | EPA 353.2     |
| 8/14/2012 10:20         | NO3       |      | 2.742  | mg/L  | EPA 353.2     |
| 8/21/2012 10:27         | NO3       |      | 5.54   | mg/L  | EPA 353.2     |
| 8/29/2012 9:47          | NO3       | <    | 0.008  | mg/L  | EPA 353.2     |
| 7/31/2012 12:25         | NO3+NO2   |      | 2.009  | mg/L  | EPA 353.2     |
| 8/7/2012 9:05           | NO3+NO2   |      | 7.628  | mg/L  | EPA 353.2     |
| 8/14/2012 10:20         | NO3+NO2   |      | 2.757  | mg/L  | EPA 353.2     |
| 8/21/2012 10:27         | NO3+NO2   |      | 5.569  | mg/L  | EPA 353.2     |
| 8/29/2012 9:47          | NO3+NO2   |      | 0.991  | mg/L  | EPA 353.2     |

## Rocky River West Branch

River Mile 4.40

| Sample Date     | Parameter | Code | Result | Units | Method    |
|-----------------|-----------|------|--------|-------|-----------|
| 7/31/2012 12:25 | Pb        | <    | 0.39   | ug/L  | EPA-200.7 |
| 8/7/2012 9:05   | Pb        | <    | 0.39   | ug/L  | EPA-200.7 |
| 8/14/2012 10:20 | Pb        | <    | 0.39   | ug/L  | EPA-200.7 |
| 8/21/2012 10:27 | Pb        | <    | 0.39   | ug/L  | EPA-200.7 |
| 8/29/2012 9:47  | Pb        | j    | 0.52   | ug/L  | EPA-200.7 |
| 7/31/2012 12:25 | pH        |      | 8.03   | S.U.  |           |
| 8/7/2012 9:05   | pH        |      | 7.62   | S.U.  |           |
| 8/14/2012 10:20 | pH        |      | 7.72   | S.U.  |           |
| 8/21/2012 10:27 | pH        |      | 7.87   | S.U.  |           |
| 8/29/2012 9:47  | pH        |      | 7.76   | S.U.  |           |
| 7/31/2012 12:25 | Sb        | <    | 0.61   | ug/L  | EPA-200.7 |
| 8/7/2012 9:05   | Sb        | <    | 0.61   | ug/L  | EPA-200.7 |
| 8/14/2012 10:20 | Sb        | <    | 0.61   | ug/L  | EPA-200.7 |
| 8/21/2012 10:27 | Sb        | <    | 0.61   | ug/L  | EPA-200.7 |
| 8/29/2012 9:47  | Sb        | <    | 0.61   | ug/L  | EPA-200.7 |
| 7/31/2012 12:25 | Se        | j    | 0.8    | ug/L  | EPA-200.7 |
| 8/7/2012 9:05   | Se        | <    | 0.63   | ug/L  | EPA-200.7 |
| 8/14/2012 10:20 | Se        | <    | 0.63   | ug/L  | EPA-200.7 |
| 8/21/2012 10:27 | Se        | <    | 0.63   | ug/L  | EPA-200.7 |
| 8/29/2012 9:47  | Se        | <    | 0.63   | ug/L  | EPA-200.7 |
| 7/31/2012 12:25 | Sn        | <    | 18.4   | ug/L  | EPA-200.7 |
| 8/7/2012 9:05   | Sn        | <    | 18.4   | ug/L  | EPA-200.7 |
| 8/14/2012 10:20 | Sn        | <    | 18.4   | ug/L  | EPA-200.7 |
| 8/21/2012 10:27 | Sn        | <    | 18.4   | ug/L  | EPA-200.7 |
| 8/29/2012 9:47  | Sn        | <    | 18.4   | ug/L  | EPA-200.7 |
| 7/31/2012 12:25 | SO4       |      | 64.21  | mg/L  | EPA 300.0 |
| 8/7/2012 9:05   | SO4       |      | 87.92  | mg/L  | EPA 300.0 |
| 8/14/2012 10:20 | SO4       |      | 68.03  | mg/L  | EPA 300.0 |
| 8/21/2012 10:27 | SO4       |      | 82.08  | mg/L  | EPA 300.0 |
| 8/29/2012 9:47  | SO4       |      | 50.19  | mg/L  | EPA 300.0 |
| 7/31/2012 12:25 | TDS       |      | 402    | mg/L  | SM2540C   |
| 8/7/2012 9:05   | TDS       |      | 538    | mg/L  | SM2540C   |
| 8/14/2012 10:20 | TDS       |      | 419    | mg/L  | SM2540C   |
| 8/21/2012 10:27 | TDS       |      | 502    | mg/L  | SM2540C   |
| 8/29/2012 9:47  | TDS       |      | 302    | mg/L  | SM2540C   |
| 7/31/2012 12:25 | Ti        |      | 2.86   | ug/L  | EPA-200.7 |
| 8/7/2012 9:05   | Ti        |      | 2.42   | ug/L  | EPA-200.7 |
| 8/14/2012 10:20 | Ti        | j    | 1.63   | ug/L  | EPA-200.7 |

| Rocky River West Branch |           |      |        |       |           |
|-------------------------|-----------|------|--------|-------|-----------|
| River Mile 4.40         |           |      |        |       |           |
| Sample Date             | Parameter | Code | Result | Units | Method    |
| 8/21/2012 10:27         | Ti        |      | 2.13   | ug/L  | EPA-200.7 |
| 8/29/2012 9:47          | Ti        |      | 7.58   | ug/L  | EPA-200.7 |
| 7/31/2012 12:25         | TI        | <    | 1.11   | ug/L  | EPA-200.7 |
| 8/7/2012 9:05           | TI        | <    | 1.11   | ug/L  | EPA-200.7 |
| 8/14/2012 10:20         | TI        | <    | 1.11   | ug/L  | EPA-200.7 |
| 8/21/2012 10:27         | TI        | j    | 1.77   | ug/L  | EPA-200.7 |
| 8/29/2012 9:47          | TI        | <    | 1.11   | ug/L  | EPA-200.7 |
| 7/31/2012 12:25         | TMET      | <    | 10     | ug/L  | EPA-200.7 |
| 8/7/2012 9:05           | TMET      |      | 21.9   | ug/L  | EPA-200.7 |
| 8/14/2012 10:20         | TMET      |      | 12.1   | ug/L  | EPA-200.7 |
| 8/21/2012 10:27         | TMET      |      | 17.9   | ug/L  | EPA-200.7 |
| 8/29/2012 9:47          | TMET      |      | 13.2   | ug/L  | EPA-200.7 |
| 7/31/2012 12:25         | Total-P   |      | 0.05   | mg/L  | EPA 365.1 |
| 8/7/2012 9:05           | Total-P   |      | 0.054  | mg/L  | EPA 365.1 |
| 8/14/2012 10:20         | Total-P   |      | 0.112  | mg/L  | EPA 365.1 |
| 8/21/2012 10:27         | Total-P   |      | 0.087  | mg/L  | EPA 365.1 |
| 8/29/2012 9:47          | Total-P   |      | 0.096  | mg/L  | EPA 365.1 |
| 7/31/2012 12:25         | TS        |      | 449    | mg/L  | SM2540B   |
| 8/7/2012 9:05           | TS        |      | 610    | mg/L  | SM2540B   |
| 8/14/2012 10:20         | TS        |      | 434    | mg/L  | SM2540B   |
| 8/21/2012 10:27         | TS        |      | 560    | mg/L  | SM2540B   |
| 8/29/2012 9:47          | TS        |      | 350    | mg/L  | SM2540B   |
| 7/31/2012 12:25         | TSS       |      | 13.8   | mg/L  | SM2540D   |
| 8/7/2012 9:05           | TSS       |      | 7.2    | mg/L  | SM2540D   |
| 8/14/2012 10:20         | TSS       |      | 4.6    | mg/L  | SM2540D   |
| 8/21/2012 10:27         | TSS       |      | 9      | mg/L  | SM2540D   |
| 8/29/2012 9:47          | TSS       |      | 21.8   | mg/L  | SM2540D   |
| 7/31/2012 12:25         | Turbidity |      | 8.46   | NTU   | EPA 180.1 |
| 8/7/2012 9:05           | Turbidity |      | 5.63   | NTU   | EPA 180.1 |
| 8/14/2012 10:20         | Turbidity |      | 5.79   | NTU   | EPA 180.1 |
| 8/21/2012 10:27         | Turbidity |      | 9.48   | NTU   | EPA 180.1 |
| 8/29/2012 9:47          | Turbidity |      | 39.15  | NTU   | EPA 180.1 |
| 7/31/2012 12:25         | V         | j    | 0.62   | ug/L  | EPA-200.7 |
| 8/7/2012 9:05           | V         | j    | 0.28   | ug/L  | EPA-200.7 |
| 8/14/2012 10:20         | V         | j    | 0.34   | ug/L  | EPA-200.7 |
| 8/21/2012 10:27         | V         | j    | 0.71   | ug/L  | EPA-200.7 |
| 8/29/2012 9:47          | V         | j    | 0.99   | ug/L  | EPA-200.7 |
| 7/31/2012 12:25         | Zn        | j    | 4.62   | ug/L  | EPA-200.7 |

Rocky River West Branch

River Mile 4.40

| Sample Date     | Parameter | Code | Result | Units | Method    |
|-----------------|-----------|------|--------|-------|-----------|
| 8/7/2012 9:05   | Zn        |      | 13.39  | ug/L  | EPA-200.7 |
| 8/14/2012 10:20 | Zn        | j    | 7.71   | ug/L  | EPA-200.7 |
| 8/21/2012 10:27 | Zn        |      | 10.46  | ug/L  | EPA-200.7 |
| 8/29/2012 9:47  | Zn        | j    | 6.79   | ug/L  | EPA-200.7 |

| Rocky River West Branch |            |      |        |           |           |
|-------------------------|------------|------|--------|-----------|-----------|
| River Mile 1.05         |            |      |        |           |           |
| Sample Date             | Parameter  | Code | Result | Units     | Method    |
| 7/31/2012 8:55          | Ag         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/7/2012 11:00          | Ag         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/14/2012 9:54          | Ag         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/21/2012 11:01         | Ag         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/29/2012 10:34         | Ag         | <    | 0.12   | ug/L      | EPA-200.7 |
| 7/31/2012 8:55          | Al         |      | 256.5  | ug/L      | EPA-200.7 |
| 8/7/2012 11:00          | Al         |      | 133.2  | ug/L      | EPA-200.7 |
| 8/14/2012 9:54          | Al         |      | 110.9  | ug/L      | EPA-200.7 |
| 8/21/2012 11:01         | Al         |      | 151    | ug/L      | EPA-200.7 |
| 8/29/2012 10:34         | Al         |      | 456.1  | ug/L      | EPA-200.7 |
| 7/31/2012 8:55          | Alkalinity |      | 102.6  | mg/LCaCO3 | EPA-310.2 |
| 8/7/2012 11:00          | Alkalinity |      | 116.2  | mg/LCaCO3 | EPA-310.2 |
| 8/14/2012 9:54          | Alkalinity |      | 114    | mg/LCaCO3 | EPA-310.2 |
| 8/21/2012 11:01         | Alkalinity |      | 103.85 | mg/LCaCO3 | EPA-310.2 |
| 8/29/2012 10:34         | Alkalinity |      | 86.4   | mg/LCaCO3 | EPA-310.2 |
| 7/31/2012 8:55          | As         | j    | 0.77   | ug/L      | EPA-200.7 |
| 8/7/2012 11:00          | As         | <    | 0.31   | ug/L      | EPA-200.7 |
| 8/14/2012 9:54          | As         | j    | 1.68   | ug/L      | EPA-200.7 |
| 8/21/2012 11:01         | As         | <    | 0.31   | ug/L      | EPA-200.7 |
| 8/29/2012 10:34         | As         | j    | 0.92   | ug/L      | EPA-200.7 |
| 7/31/2012 8:55          | Ba         |      | 32.18  | ug/L      | EPA-200.7 |
| 8/7/2012 11:00          | Ba         |      | 37.38  | ug/L      | EPA-200.7 |
| 8/14/2012 9:54          | Ba         |      | 29.55  | ug/L      | EPA-200.7 |
| 8/21/2012 11:01         | Ba         |      | 27.71  | ug/L      | EPA-200.7 |
| 8/29/2012 10:34         | Ba         |      | 28.54  | ug/L      | EPA-200.7 |
| 7/31/2012 8:55          | Be         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/7/2012 11:00          | Be         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/14/2012 9:54          | Be         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/21/2012 11:01         | Be         | <    | 0.12   | ug/L      | EPA-200.7 |
| 8/29/2012 10:34         | Be         | <    | 0.12   | ug/L      | EPA-200.7 |
| 7/31/2012 8:55          | BOD        | <    | 2      | mg/L      | SM 5210   |
| 8/7/2012 11:00          | BOD        | <    | 2      | mg/L      | SM 5210   |
| 8/14/2012 9:54          | BOD        | <    | 2      | mg/L      | SM 5210   |
| 8/21/2012 11:01         | BOD        | <    | 2      | mg/L      | SM 5210   |
| 8/29/2012 10:34         | BOD        | <    | 2      | mg/L      | SM 5210   |
| 7/31/2012 8:55          | Ca         |      | 47970  | ug/L      | EPA-200.7 |
| 8/7/2012 11:00          | Ca         |      | 55880  | ug/L      | EPA-200.7 |
| 8/14/2012 9:54          | Ca         |      | 47960  | ug/L      | EPA-200.7 |
| 8/21/2012 11:01         | Ca         |      | 45730  | ug/L      | EPA-200.7 |

| Rocky River West Branch |           |      |        |           |              |
|-------------------------|-----------|------|--------|-----------|--------------|
| River Mile 1.05         |           |      |        |           |              |
| Sample Date             | Parameter | Code | Result | Units     | Method       |
| 8/29/2012 10:34         | Ca        |      | 40400  | ug/L      | EPA-200.7    |
| 7/31/2012 8:55          | CaCO3     |      | 178    | mg/LCaCO3 | EPA-200.7    |
| 8/7/2012 11:00          | CaCO3     |      | 220    | mg/LCaCO3 | EPA-200.7    |
| 8/14/2012 9:54          | CaCO3     |      | 179    | mg/LCaCO3 | EPA-200.7    |
| 8/21/2012 11:01         | CaCO3     |      | 180.5  | mg/LCaCO3 | EPA-200.7    |
| 8/29/2012 10:34         | CaCO3     |      | 151    | mg/LCaCO3 | EPA-200.7    |
| 7/31/2012 8:55          | Cd        | <    | 0.02   | ug/L      | EPA-200.7    |
| 8/7/2012 11:00          | Cd        | j    | 0.11   | ug/L      | EPA-200.7    |
| 8/14/2012 9:54          | Cd        | j    | 0.07   | ug/L      | EPA-200.7    |
| 8/21/2012 11:01         | Cd        | <    | 0.02   | ug/L      | EPA-200.7    |
| 8/29/2012 10:34         | Cd        | <    | 0.02   | ug/L      | EPA-200.7    |
| 7/31/2012 8:55          | Chloride  |      | 88.61  | mg/L      | EPA 300.0    |
| 8/7/2012 11:00          | Chloride  |      | 116.3  | mg/L      | EPA 300.0    |
| 8/14/2012 9:54          | Chloride  |      | 96.82  | mg/L      | EPA 300.0    |
| 8/21/2012 11:01         | Chloride  |      | 111.45 | mg/L      | EPA 300.0    |
| 8/29/2012 10:34         | Chloride  |      | 61.61  | mg/L      | EPA 300.0    |
| 7/31/2012 8:55          | Co        | j    | 0.69   | ug/L      | EPA-200.7    |
| 8/7/2012 11:00          | Co        |      | 1.01   | ug/L      | EPA-200.7    |
| 8/14/2012 9:54          | Co        | j    | 0.55   | ug/L      | EPA-200.7    |
| 8/21/2012 11:01         | Co        | j    | 0.52   | ug/L      | EPA-200.7    |
| 8/29/2012 10:34         | Co        | j    | 0.65   | ug/L      | EPA-200.7    |
| 7/31/2012 8:55          | COD       |      | 18.9   | mg/L      | EPA 410.4    |
| 8/7/2012 11:00          | COD       |      | 18.6   | mg/L      | EPA 410.4    |
| 8/14/2012 9:54          | COD       |      | 17.8   | mg/L      | EPA 410.4    |
| 8/21/2012 11:01         | COD       |      | 23.85  | mg/L      | EPA 410.4    |
| 8/29/2012 10:34         | COD       |      | 14.6   | mg/L      | EPA 410.4    |
| 8/29/2012 10:34         | Cr        | j    | 0.88   | ug/L      | EPA-200.7    |
| 8/29/2012 10:34         | Cr+6      | j    | 2.184  | ug/L      | SM 3500-Cr-D |
| 7/31/2012 8:55          | Cu        |      | 3.23   | ug/L      | EPA-200.7    |
| 8/7/2012 11:00          | Cu        |      | 4.33   | ug/L      | EPA-200.7    |
| 8/14/2012 9:54          | Cu        |      | 2.68   | ug/L      | EPA-200.7    |
| 8/21/2012 11:01         | Cu        |      | 3.46   | ug/L      | EPA-200.7    |
| 8/29/2012 10:34         | Cu        |      | 3.64   | ug/L      | EPA-200.7    |
| 7/31/2012 8:55          | DRPhos    |      | 0.028  | mg/L      | EPA 365.1    |
| 8/7/2012 11:00          | DRPhos    |      | 0.025  | mg/L      | EPA 365.1    |
| 8/14/2012 9:54          | DRPhos    |      | 0.056  | mg/L      | EPA 365.1    |
| 8/21/2012 11:01         | DRPhos    |      | 0.036  | mg/L      | EPA 365.1    |

## Rocky River West Branch

River Mile 1.05

| Sample Date     | Parameter  | Code | Result | Units     | Method      |
|-----------------|------------|------|--------|-----------|-------------|
| 7/31/2012 8:55  | E. coli    |      | 330    | cfu/100mL | EPA 1603    |
| 8/7/2012 11:00  | E. coli    |      | 250    | cfu/100mL | EPA 1603    |
| 8/14/2012 9:54  | E. coli    |      | 350    | cfu/100mL | EPA 1603    |
| 8/21/2012 11:01 | E. coli    |      | 1333.5 | cfu/100mL | EPA 1603    |
| 8/29/2012 10:34 | E. coli    |      | 667    | cfu/100mL | EPA 1603    |
| 7/31/2012 8:55  | Fe         |      | 549.2  | ug/L      | EPA-200.7   |
| 8/7/2012 11:00  | Fe         |      | 298.3  | ug/L      | EPA-200.7   |
| 8/14/2012 9:54  | Fe         |      | 262.8  | ug/L      | EPA-200.7   |
| 8/21/2012 11:01 | Fe         |      | 360.15 | ug/L      | EPA-200.7   |
| 8/29/2012 10:34 | Fe         |      | 886.2  | ug/L      | EPA-200.7   |
| 7/31/2012 8:55  | Field Cond |      | 643    | uS/cm     | SM 2510A    |
| 8/7/2012 11:00  | Field Cond |      | 863    | uS/cm     | SM 2510A    |
| 8/14/2012 9:54  | Field Cond |      | 631    | uS/cm     | SM 2510A    |
| 8/21/2012 11:01 | Field Cond |      | 771    | uS/cm     | SM 2510A    |
| 8/29/2012 10:34 | Field Cond |      | 472    | uS/cm     | SM 2510A    |
| 7/31/2012 8:55  | Field DO   |      | 7.95   | mg/L      | SM 4500-0 G |
| 8/7/2012 11:00  | Field DO   |      | 9.53   | mg/L      | SM 4500-0 G |
| 8/14/2012 9:54  | Field DO   |      | 10.37  | mg/L      | SM 4500-0 G |
| 8/21/2012 11:01 | Field DO   |      | 9.5    | mg/L      | SM 4500-0 G |
| 8/29/2012 10:34 | Field DO   |      | 9.27   | mg/L      | SM 4500-0 G |
| 7/31/2012 8:55  | Field Temp |      | 23.1   | C         | EPA 170.1   |
| 8/7/2012 11:00  | Field Temp |      | 21.5   | C         | EPA 170.1   |
| 8/14/2012 9:54  | Field Temp |      | 20.6   | C         | EPA 170.1   |
| 8/21/2012 11:01 | Field Temp |      | 18.1   | C         | EPA 170.1   |
| 8/29/2012 10:34 | Field Temp |      | 20.4   | C         | EPA 170.1   |
| 7/31/2012 8:55  | Hg         | <    | 0.005  | ug/L      | EPA 245.1   |
| 8/7/2012 11:00  | Hg         | <    | 0.005  | ug/L      | EPA 245.1   |
| 8/14/2012 9:54  | Hg         | <    | 0.005  | ug/L      | EPA 245.1   |
| 8/21/2012 11:01 | Hg         | <    | 0.005  | ug/L      | EPA 245.1   |
| 8/29/2012 10:34 | Hg         | <    | 0.005  | ug/L      | EPA 245.1   |
| 7/31/2012 8:55  | K          |      | 5646   | ug/L      | EPA-200.7   |
| 8/7/2012 11:00  | K          |      | 11250  | ug/L      | EPA-200.7   |
| 8/14/2012 9:54  | K          |      | 6342   | ug/L      | EPA-200.7   |
| 8/21/2012 11:01 | K          |      | 6549   | ug/L      | EPA-200.7   |
| 8/29/2012 10:34 | K          |      | 5063   | ug/L      | EPA-200.7   |
| 7/31/2012 8:55  | Mg         |      | 14120  | ug/L      | EPA-200.7   |
| 8/7/2012 11:00  | Mg         |      | 19570  | ug/L      | EPA-200.7   |
| 8/14/2012 9:54  | Mg         |      | 14330  | ug/L      | EPA-200.7   |

| Rocky River West Branch |           |      |        |       |               |
|-------------------------|-----------|------|--------|-------|---------------|
| River Mile 1.05         |           |      |        |       |               |
| Sample Date             | Parameter | Code | Result | Units | Method        |
| 8/21/2012 11:01         | Mg        |      | 16095  | ug/L  | EPA-200.7     |
| 8/29/2012 10:34         | Mg        |      | 12230  | ug/L  | EPA-200.7     |
| 7/31/2012 8:55          | Mn        |      | 77.83  | ug/L  | EPA-200.7     |
| 8/7/2012 11:00          | Mn        |      | 37.64  | ug/L  | EPA-200.7     |
| 8/14/2012 9:54          | Mn        |      | 48.63  | ug/L  | EPA-200.7     |
| 8/21/2012 11:01         | Mn        |      | 26.965 | ug/L  | EPA-200.7     |
| 8/29/2012 10:34         | Mn        |      | 54.68  | ug/L  | EPA-200.7     |
| 7/31/2012 8:55          | Mo        |      | 5.06   | ug/L  | EPA-200.7     |
| 8/7/2012 11:00          | Mo        |      | 7.94   | ug/L  | EPA-200.7     |
| 8/14/2012 9:54          | Mo        |      | 5.03   | ug/L  | EPA-200.7     |
| 8/21/2012 11:01         | Mo        |      | 4.195  | ug/L  | EPA-200.7     |
| 8/29/2012 10:34         | Mo        |      | 4.44   | ug/L  | EPA-200.7     |
| 7/31/2012 8:55          | Na        |      | 56230  | ug/L  | EPA-200.7     |
| 8/7/2012 11:00          | Na        |      | 72550  | ug/L  | EPA-200.7     |
| 8/14/2012 9:54          | Na        |      | 63940  | ug/L  | EPA-200.7     |
| 8/21/2012 11:01         | Na        |      | 68710  | ug/L  | EPA-200.7     |
| 8/29/2012 10:34         | Na        |      | 47080  | ug/L  | EPA-200.7     |
| 7/31/2012 8:55          | NH3       |      | 0.064  | mg/L  | EPA-350.1     |
| 8/7/2012 11:00          | NH3       |      | 0.077  | mg/L  | EPA-350.1     |
| 8/14/2012 9:54          | NH3       |      | 0.044  | mg/L  | EPA-350.1     |
| 8/21/2012 11:01         | NH3       |      | 0.052  | mg/L  | EPA-350.1     |
| 8/29/2012 10:34         | NH3       |      | 0.074  | mg/L  | EPA-350.1     |
| 7/31/2012 8:55          | Ni        |      | 2.04   | ug/L  | EPA-200.7     |
| 8/7/2012 11:00          | Ni        |      | 3.49   | ug/L  | EPA-200.7     |
| 8/14/2012 9:54          | Ni        | j    | 1.79   | ug/L  | EPA-200.7     |
| 8/21/2012 11:01         | Ni        |      | 2.425  | ug/L  | EPA-200.7     |
| 8/29/2012 10:34         | Ni        |      | 2.38   | ug/L  | EPA-200.7     |
| 7/31/2012 8:55          | NO2       | j    | 0.009  | mg/L  | SM 4500-NO2-B |
| 8/7/2012 11:00          | NO2       |      | 0.038  | mg/L  | SM 4500-NO2-B |
| 8/14/2012 9:54          | NO2       | j    | 0.013  | mg/L  | SM 4500-NO2-B |
| 8/21/2012 11:01         | NO2       |      | 0.0235 | mg/L  | SM 4500-NO2-B |
| 8/29/2012 10:34         | NO2       | j    | 0.015  | mg/L  | SM 4500-NO2-B |
| 7/31/2012 8:55          | NO3       |      | 1.238  | mg/L  | EPA 353.2     |
| 8/7/2012 11:00          | NO3       |      | 5.859  | mg/L  | EPA 353.2     |
| 8/14/2012 9:54          | NO3       |      | 1.962  | mg/L  | EPA 353.2     |
| 8/21/2012 11:01         | NO3       |      | 2.3415 | mg/L  | EPA 353.2     |
| 8/29/2012 10:34         | NO3       |      | 0.935  | mg/L  | EPA 353.2     |
| 7/31/2012 8:55          | NO3+NO2   |      | 1.247  | mg/L  | EPA 353.2     |

| Rocky River West Branch |           |      |        |       |           |
|-------------------------|-----------|------|--------|-------|-----------|
| River Mile 1.05         |           |      |        |       |           |
| Sample Date             | Parameter | Code | Result | Units | Method    |
| 8/7/2012 11:00          | NO3+NO2   |      | 5.897  | mg/L  | EPA 353.2 |
| 8/14/2012 9:54          | NO3+NO2   |      | 1.975  | mg/L  | EPA 353.2 |
| 8/21/2012 11:01         | NO3+NO2   |      | 2.365  | mg/L  | EPA 353.2 |
| 8/29/2012 10:34         | NO3+NO2   |      | 0.95   | mg/L  | EPA 353.2 |
| 7/31/2012 8:55          | Pb        | <    | 0.39   | ug/L  | EPA-200.7 |
| 8/7/2012 11:00          | Pb        | <    | 0.39   | ug/L  | EPA-200.7 |
| 8/14/2012 9:54          | Pb        | <    | 0.39   | ug/L  | EPA-200.7 |
| 8/21/2012 11:01         | Pb        | <    | 0.39   | ug/L  | EPA-200.7 |
| 8/29/2012 10:34         | Pb        | j    | 0.54   | ug/L  | EPA-200.7 |
| 7/31/2012 8:55          | pH        |      | 8.02   | S.U.  |           |
| 8/7/2012 11:00          | pH        |      | 8.1    | S.U.  |           |
| 8/14/2012 9:54          | pH        |      | 8.08   | S.U.  |           |
| 8/21/2012 11:01         | pH        |      | 8.16   | S.U.  |           |
| 8/29/2012 10:34         | pH        |      | 7.99   | S.U.  |           |
| 7/31/2012 8:55          | Sb        | <    | 0.61   | ug/L  | EPA-200.7 |
| 8/7/2012 11:00          | Sb        | <    | 0.61   | ug/L  | EPA-200.7 |
| 8/14/2012 9:54          | Sb        | <    | 0.61   | ug/L  | EPA-200.7 |
| 8/21/2012 11:01         | Sb        | <    | 0.61   | ug/L  | EPA-200.7 |
| 8/29/2012 10:34         | Sb        | <    | 0.61   | ug/L  | EPA-200.7 |
| 7/31/2012 8:55          | Se        | <    | 0.63   | ug/L  | EPA-200.7 |
| 8/7/2012 11:00          | Se        | <    | 0.63   | ug/L  | EPA-200.7 |
| 8/14/2012 9:54          | Se        | <    | 0.63   | ug/L  | EPA-200.7 |
| 8/21/2012 11:01         | Se        | <    | 0.63   | ug/L  | EPA-200.7 |
| 8/29/2012 10:34         | Se        | <    | 0.63   | ug/L  | EPA-200.7 |
| 7/31/2012 8:55          | Sn        | <    | 18.4   | ug/L  | EPA-200.7 |
| 8/7/2012 11:00          | Sn        | <    | 18.4   | ug/L  | EPA-200.7 |
| 8/14/2012 9:54          | Sn        | <    | 18.4   | ug/L  | EPA-200.7 |
| 8/21/2012 11:01         | Sn        | <    | 18.4   | ug/L  | EPA-200.7 |
| 8/29/2012 10:34         | Sn        | <    | 18.4   | ug/L  | EPA-200.7 |
| 7/31/2012 8:55          | SO4       |      | 62.79  | mg/L  | EPA 300.0 |
| 8/7/2012 11:00          | SO4       |      | 79.18  | mg/L  | EPA 300.0 |
| 8/14/2012 9:54          | SO4       |      | 74.42  | mg/L  | EPA 300.0 |
| 8/21/2012 11:01         | SO4       |      | 73.13  | mg/L  | EPA 300.0 |
| 8/29/2012 10:34         | SO4       |      | 51.33  | mg/L  | EPA 300.0 |
| 7/31/2012 8:55          | TDS       |      | 388    | mg/L  | SM2540C   |
| 8/7/2012 11:00          | TDS       |      | 496    | mg/L  | SM2540C   |
| 8/14/2012 9:54          | TDS       |      | 422    | mg/L  | SM2540C   |
| 8/21/2012 11:01         | TDS       |      | 443    | mg/L  | SM2540C   |
| 8/29/2012 10:34         | TDS       |      | 310    | mg/L  | SM2540C   |

## Rocky River West Branch

River Mile 1.05

| Sample Date     | Parameter | Code | Result | Units | Method    |
|-----------------|-----------|------|--------|-------|-----------|
| 7/31/2012 8:55  | Ti        |      | 3.76   | ug/L  | EPA-200.7 |
| 8/7/2012 11:00  | Ti        |      | 2.71   | ug/L  | EPA-200.7 |
| 8/14/2012 9:54  | Ti        | j    | 1.69   | ug/L  | EPA-200.7 |
| 8/21/2012 11:01 | Ti        | j    | 1.72   | ug/L  | EPA-200.7 |
| 8/29/2012 10:34 | Ti        |      | 6.74   | ug/L  | EPA-200.7 |
| 7/31/2012 8:55  | TI        | j    | 1.62   | ug/L  | EPA-200.7 |
| 8/7/2012 11:00  | TI        | <    | 1.11   | ug/L  | EPA-200.7 |
| 8/14/2012 9:54  | TI        | <    | 1.11   | ug/L  | EPA-200.7 |
| 8/21/2012 11:01 | TI        | j    | 1.46   | ug/L  | EPA-200.7 |
| 8/29/2012 10:34 | TI        | j    | 1.49   | ug/L  | EPA-200.7 |
| 7/31/2012 8:55  | TMET      |      | 12     | ug/L  | EPA-200.7 |
| 8/7/2012 11:00  | TMET      |      | 17.6   | ug/L  | EPA-200.7 |
| 8/14/2012 9:54  | TMET      |      | 10.8   | ug/L  | EPA-200.7 |
| 8/21/2012 11:01 | TMET      |      | 12.3   | ug/L  | EPA-200.7 |
| 8/29/2012 10:34 | TMET      |      | 14.1   | ug/L  | EPA-200.7 |
| 7/31/2012 8:55  | Total-P   |      | 0.068  | mg/L  | EPA 365.1 |
| 8/7/2012 11:00  | Total-P   |      | 0.06   | mg/L  | EPA 365.1 |
| 8/14/2012 9:54  | Total-P   |      | 0.087  | mg/L  | EPA 365.1 |
| 8/21/2012 11:01 | Total-P   |      | 0.073  | mg/L  | EPA 365.1 |
| 8/29/2012 10:34 | Total-P   |      | 0.102  | mg/L  | EPA 365.1 |
| 7/31/2012 8:55  | TS        |      | 436    | mg/L  | SM2540B   |
| 8/7/2012 11:00  | TS        |      | 600    | mg/L  | SM2540B   |
| 8/14/2012 9:54  | TS        |      | 454    | mg/L  | SM2540B   |
| 8/21/2012 11:01 | TS        |      | 499    | mg/L  | SM2540B   |
| 8/29/2012 10:34 | TS        |      | 365    | mg/L  | SM2540B   |
| 7/31/2012 8:55  | TSS       |      | 16.2   | mg/L  | SM2540D   |
| 8/7/2012 11:00  | TSS       |      | 9      | mg/L  | SM2540D   |
| 8/14/2012 9:54  | TSS       |      | 9.2    | mg/L  | SM2540D   |
| 8/21/2012 11:01 | TSS       |      | 7.6    | mg/L  | SM2540D   |
| 8/29/2012 10:34 | TSS       |      | 21.1   | mg/L  | SM2540D   |
| 7/31/2012 8:55  | Turbidity |      | 23.6   | NTU   | EPA 180.1 |
| 8/7/2012 11:00  | Turbidity |      | 8.7    | NTU   | EPA 180.1 |
| 8/14/2012 9:54  | Turbidity |      | 9.09   | NTU   | EPA 180.1 |
| 8/21/2012 11:01 | Turbidity |      | 10.6   | NTU   | EPA 180.1 |
| 8/29/2012 10:34 | Turbidity |      | 27.55  | NTU   | EPA 180.1 |
| 7/31/2012 8:55  | V         | j    | 0.8    | ug/L  | EPA-200.7 |
| 8/7/2012 11:00  | V         | j    | 0.33   | ug/L  | EPA-200.7 |
| 8/14/2012 9:54  | V         | j    | 0.24   | ug/L  | EPA-200.7 |

| Rocky River West Branch |           |      |        |       |           |
|-------------------------|-----------|------|--------|-------|-----------|
| River Mile 1.05         |           |      |        |       |           |
| Sample Date             | Parameter | Code | Result | Units | Method    |
| 8/21/2012 11:01         | V         | j    | 0.29   | ug/L  | EPA-200.7 |
| 8/29/2012 10:34         | V         | j    | 0.78   | ug/L  | EPA-200.7 |
| 7/31/2012 8:55          | Zn        | j    | 6.29   | ug/L  | EPA-200.7 |
| 8/7/2012 11:00          | Zn        | j    | 9.48   | ug/L  | EPA-200.7 |
| 8/14/2012 9:54          | Zn        | j    | 6.36   | ug/L  | EPA-200.7 |
| 8/21/2012 11:01         | Zn        | j    | 6.115  | ug/L  | EPA-200.7 |
| 8/29/2012 10:34         | Zn        | j    | 7.23   | ug/L  | EPA-200.7 |

#### Codes

j = Result is greater than the method detection limit (MDL), but less than the practical quantitation limit (PQL)

< = Result is less than the method detection limit (MDL)