

| Rocky River River Mile 8.30 | | | | | |
|--------------------------------|------------|------|--------|-----------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 8/11/2011 10:55 | Ag | < | 0.12 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | Ag | < | 0.12 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | Ag | < | 0.12 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | Ag | < | 0.12 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | Ag | < | 0.12 | ug/L | EPA-200.7 |
| 8/11/2011 10:55 | Al | | 74.49 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | Al | | 439.3 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | Al | | 1431 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | Al | | 52.92 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | Al | | 239.2 | ug/L | EPA-200.7 |
| 8/11/2011 10:55 | Alkalinity | | 130 | mg/LCaCO3 | EPA-310.2 |
| 8/18/2011 10:14 | Alkalinity | | 112.6 | mg/LCaCO3 | EPA-310.2 |
| 8/25/2011 8:45 | Alkalinity | | 101.5 | mg/LCaCO3 | EPA-310.2 |
| 9/1/2011 11:15 | Alkalinity | | 110.2 | mg/LCaCO3 | EPA-310.2 |
| 9/8/2011 9:00 | Alkalinity | | 117.8 | mg/LCaCO3 | EPA-310.2 |
| 8/11/2011 10:55 | As | j | 0.61 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | As | | 2.17 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | As | | 3.29 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | As | j | 0.69 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | As | j | 1.33 | ug/L | EPA-200.7 |
| 8/11/2011 10:55 | Ba | | 36.8 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | Ba | | 32.7 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | Ba | | 42.5 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | Ba | | 31.5 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | Ba | | 27.6 | ug/L | EPA-200.7 |
| 8/11/2011 10:55 | Be | < | 0.12 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | Be | < | 0.12 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | Be | < | 0.12 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | Be | < | 0.12 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | Be | < | 0.12 | ug/L | EPA-200.7 |
| 8/11/2011 10:55 | BOD | < | 2 | mg/L | SM 5210 |
| 8/18/2011 10:14 | BOD | < | 2 | mg/L | SM 5210 |
| 8/25/2011 8:45 | BOD | | 2.7 | mg/L | SM 5210 |
| 9/1/2011 11:15 | BOD | < | 2 | mg/L | SM 5210 |
| 9/8/2011 9:00 | BOD | < | 2 | mg/L | SM 5210 |
| 8/11/2011 10:55 | Ca | | 63230 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | Ca | | 46550 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | Ca | | 52740 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | Ca | | 55500 | ug/L | EPA-200.7 |

| Rocky River | | | | | |
|-----------------|-----------|------|--------|-----------|--------------|
| River Mile 8.30 | | | | | |
| Sample Date | Parameter | Code | Result | Units | Method |
| 9/8/2011 9:00 | Ca | | 52350 | ug/L | EPA-200.7 |
| 8/11/2011 10:55 | CaCO3 | | 226 | mg/LCaCO3 | EPA-200.7 |
| 8/18/2011 10:14 | CaCO3 | | 162 | mg/LCaCO3 | EPA-200.7 |
| 8/25/2011 8:45 | CaCO3 | | 186 | mg/LCaCO3 | EPA-200.7 |
| 9/1/2011 11:15 | CaCO3 | | 200 | mg/LCaCO3 | EPA-200.7 |
| 9/8/2011 9:00 | CaCO3 | | 178 | mg/LCaCO3 | EPA-200.7 |
| 8/11/2011 10:55 | Cd | j | 0.09 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | Cd | j | 0.11 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | Cd | j | 0.2 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | Cd | j | 0.11 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | Cd | j | 0.1 | ug/L | EPA-200.7 |
| 8/11/2011 10:55 | Chloride | | 118 | mg/L | SM 4500-Cl C |
| 8/25/2011 8:45 | Chloride | | 97 | mg/L | SM 4500-Cl C |
| 9/1/2011 11:15 | Chloride | | 136 | mg/L | SM 4500-Cl C |
| 9/8/2011 9:00 | Chloride | | 114 | mg/L | SM 4500-Cl C |
| 8/11/2011 10:55 | Co | j | 0.54 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | Co | j | 0.67 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | Co | | 2.44 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | Co | j | 0.48 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | Co | j | 0.46 | ug/L | EPA-200.7 |
| 8/11/2011 10:55 | COD | | 20 | mg/L | EPA 410.4 |
| 8/18/2011 10:14 | COD | | 18 | mg/L | EPA 410.4 |
| 8/25/2011 8:45 | COD | | 18 | mg/L | EPA 410.4 |
| 9/1/2011 11:15 | COD | | 15 | mg/L | EPA 410.4 |
| 9/8/2011 9:00 | COD | | 20 | mg/L | EPA 410.4 |
| 8/11/2011 10:55 | Cr | j | 0.27 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | Cr | | 2.44 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | Cr | j | 0.52 | ug/L | EPA-200.7 |
| 8/11/2011 10:55 | Cr+6 | j | 1.02 | ug/L | SM 3500-Cr-D |
| 8/25/2011 8:45 | Cr+6 | j | 2.135 | ug/L | SM 3500-Cr-D |
| 9/1/2011 11:15 | Cr+6 | j | 1.322 | ug/L | SM 3500-Cr-D |
| 8/11/2011 10:55 | Cu | | 4.35 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | Cu | | 4.67 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | Cu | | 8.42 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | Cu | | 5.05 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | Cu | | 3.5 | ug/L | EPA-200.7 |
| 8/11/2011 10:55 | E. coli | | 205 | cfu/100mL | EPA 1603 |

| Rocky River River Mile 8.30 | | | | | |
|--------------------------------|------------|------|--------|-----------|-------------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 8/18/2011 10:14 | E. coli | | 395 | cfu/100mL | EPA 1603 |
| 8/25/2011 8:45 | E. coli | | 5800 | cfu/100mL | EPA 1603 |
| 9/1/2011 11:15 | E. coli | | 2700 | cfu/100mL | EPA 1603 |
| 9/8/2011 9:00 | E. coli | | 1200 | cfu/100mL | EPA 1603 |
| 8/11/2011 10:55 | Fe | | 197.2 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | Fe | | 1080 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | Fe | | 3804 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | Fe | | 197 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | Fe | | 670.6 | ug/L | EPA-200.7 |
| 8/11/2011 10:55 | Field Cond | | 692 | uS/cm | SM 2510A |
| 8/18/2011 10:14 | Field Cond | | 551 | uS/cm | SM 2510A |
| 8/25/2011 8:45 | Field Cond | | 565 | uS/cm | SM 2510A |
| 9/1/2011 11:15 | Field Cond | | 801 | uS/cm | SM 2510A |
| 9/8/2011 9:00 | Field Cond | | 617 | uS/cm | SM 2510A |
| 8/11/2011 10:55 | Field DO | | 12.52 | mg/L | SM 4500-0 G |
| 8/18/2011 10:14 | Field DO | | 10.82 | mg/L | SM 4500-0 G |
| 8/25/2011 8:45 | Field DO | | 11.09 | mg/L | SM 4500-0 G |
| 9/1/2011 11:15 | Field DO | | 8.8 | mg/L | SM 4500-0 G |
| 9/8/2011 9:00 | Field DO | | 9.59 | mg/L | SM 4500-0 G |
| 8/11/2011 10:55 | Field Temp | | 20.8 | C | EPA 170.1 |
| 8/18/2011 10:14 | Field Temp | | 20.6 | C | EPA 170.1 |
| 8/25/2011 8:45 | Field Temp | | 22.1 | C | EPA 170.1 |
| 9/1/2011 11:15 | Field Temp | | 22.1 | C | EPA 170.1 |
| 9/8/2011 9:00 | Field Temp | | 18.6 | C | EPA 170.1 |
| 8/11/2011 10:55 | Hg | j | 0.009 | ug/L | EPA 245.1 |
| 8/18/2011 10:14 | Hg | < | 0.005 | ug/L | EPA 245.1 |
| 8/25/2011 8:45 | Hg | < | 0.005 | ug/L | EPA 245.1 |
| 9/1/2011 11:15 | Hg | < | 0.005 | ug/L | EPA 245.1 |
| 9/8/2011 9:00 | Hg | < | 0.005 | ug/L | EPA 245.1 |
| 8/11/2011 10:55 | K | | 7196 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | K | | 5870 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | K | | 6344 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | K | | 7522 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | K | | 5704 | ug/L | EPA-200.7 |
| 8/11/2011 10:55 | Mg | | 16570 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | Mg | | 11020 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | Mg | | 13160 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | Mg | | 14990 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | Mg | | 11600 | ug/L | EPA-200.7 |

| Rocky River River Mile 8.30 | | | | | |
|--------------------------------|-----------|------|--------|-------|---------------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 8/11/2011 10:55 | Mn | | 21.68 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | Mn | | 47.48 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | Mn | | 164.6 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | Mn | | 13.41 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | Mn | | 33.7 | ug/L | EPA-200.7 |
| 8/11/2011 10:55 | Mo | | 5.74 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | Mo | | 4.29 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | Mo | | 4.2 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | Mo | | 5.85 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | Mo | | 4.27 | ug/L | EPA-200.7 |
| 8/11/2011 10:55 | Na | | 83200 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | Na | | 50200 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | Na | | 59800 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | Na | | 78120 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | Na | | 58500 | ug/L | EPA-200.7 |
| 8/11/2011 10:55 | NH3 | | 0.027 | mg/L | EPA-350.1 |
| 8/18/2011 10:14 | NH3 | | 0.03 | mg/L | EPA-350.1 |
| 8/25/2011 8:45 | NH3 | | 0.036 | mg/L | EPA-350.1 |
| 9/1/2011 11:15 | NH3 | | 0.047 | mg/L | EPA-350.1 |
| 9/8/2011 9:00 | NH3 | | 0.041 | mg/L | EPA-350.1 |
| 8/11/2011 10:55 | Ni | | 3.03 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | Ni | | 3.79 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | Ni | | 6.72 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | Ni | | 3.89 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | Ni | | 3.35 | ug/L | EPA-200.7 |
| 8/11/2011 10:55 | NO2 | | 0.012 | mg/L | SM 4500-NO2-B |
| 8/18/2011 10:14 | NO2 | | 0.014 | mg/L | SM 4500-NO2-B |
| 8/25/2011 8:45 | NO2 | | 0.02 | mg/L | SM 4500-NO2-B |
| 9/1/2011 11:15 | NO2 | | 0.019 | mg/L | SM 4500-NO2-B |
| 9/8/2011 9:00 | NO2 | | 0.01 | mg/L | SM 4500-NO2-B |
| 8/11/2011 10:55 | NO3 | | 1.774 | mg/L | EPA 353.2 |
| 8/18/2011 10:14 | NO3 | | 1.347 | mg/L | EPA 353.2 |
| 8/25/2011 8:45 | NO3 | | 2.288 | mg/L | EPA 353.2 |
| 9/1/2011 11:15 | NO3 | | 2.594 | mg/L | EPA 353.2 |
| 9/8/2011 9:00 | NO3 | | 1.806 | mg/L | EPA 353.2 |
| 8/11/2011 10:55 | NO3+NO2 | | 1.786 | mg/L | EPA 353.2 |
| 8/18/2011 10:14 | NO3+NO2 | | 1.361 | mg/L | EPA 353.2 |
| 8/25/2011 8:45 | NO3+NO2 | | 2.308 | mg/L | EPA 353.2 |

| Rocky River River Mile 8.30 | | | | | |
|--------------------------------|-----------|------|--------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 9/1/2011 11:15 | NO3+NO2 | | 2.613 | mg/L | EPA 353.2 |
| 9/8/2011 9:00 | NO3+NO2 | | 1.816 | mg/L | EPA 353.2 |
| 8/11/2011 10:55 | Pb | < | 0.39 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | Pb | j | 0.87 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | Pb | | 3.95 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | Pb | < | 0.39 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | Pb | < | 0.39 | ug/L | EPA-200.7 |
| 8/11/2011 10:55 | pH | | 8.31 | S.U. | |
| 8/18/2011 10:14 | pH | | 7.99 | S.U. | |
| 8/25/2011 8:45 | pH | | 7.91 | S.U. | |
| 9/1/2011 11:15 | pH | | 8.07 | S.U. | |
| 9/8/2011 9:00 | pH | | 8.11 | S.U. | |
| 8/11/2011 10:55 | Sb | < | 0.61 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | Sb | < | 0.61 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | Sb | < | 0.61 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | Sb | < | 0.61 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | Sb | < | 0.61 | ug/L | EPA-200.7 |
| 8/11/2011 10:55 | Se | < | 0.63 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | Se | j | 0.97 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | Se | < | 0.63 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | Se | < | 0.63 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | Se | j | 0.69 | ug/L | EPA-200.7 |
| 8/11/2011 10:55 | Sn | < | 18.4 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | Sn | < | 18.4 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | Sn | < | 18.4 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | Sn | < | 18.4 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | Sn | < | 18.4 | ug/L | EPA-200.7 |
| 8/11/2011 10:55 | Soluble-P | | 0.014 | mg/L | EPA 365.1 |
| 8/18/2011 10:14 | Soluble-P | | 0.043 | mg/L | EPA 365.1 |
| 8/25/2011 8:45 | Soluble-P | | 0.041 | mg/L | EPA 365.1 |
| 9/1/2011 11:15 | Soluble-P | | 0.012 | mg/L | EPA 365.1 |
| 9/8/2011 9:00 | Soluble-P | | 0.039 | mg/L | EPA 365.1 |
| 8/11/2011 10:55 | TDS | | 541 | mg/L | SM2540C |
| 8/18/2011 10:14 | TDS | | 328 | mg/L | SM2540C |
| 8/25/2011 8:45 | TDS | | 362 | mg/L | SM2540C |
| 9/1/2011 11:15 | TDS | | 496 | mg/L | SM2540C |
| 9/8/2011 9:00 | TDS | | 386 | mg/L | SM2540C |
| 8/11/2011 10:55 | Ti | j | 0.59 | ug/L | EPA-200.7 |

| Rocky River River Mile 8.30 | | | | | |
|--------------------------------|-----------|------|--------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 8/18/2011 10:14 | Ti | | 7.04 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | Ti | | 16.75 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | Ti | j | 0.47 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | Ti | | 2.56 | ug/L | EPA-200.7 |
| 8/11/2011 10:55 | TI | < | 1.11 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | TI | < | 1.11 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | TI | j | 2.13 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | TI | j | 1.55 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | TI | j | 1.9 | ug/L | EPA-200.7 |
| 8/11/2011 10:55 | TMET | | 14.4 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | TMET | | 23.6 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | TMET | | 46.7 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | TMET | | 15.2 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | TMET | | 14.5 | ug/L | EPA-200.7 |
| 8/11/2011 10:55 | Total-P | | 0.046 | mg/L | EPA 365.1 |
| 8/18/2011 10:14 | Total-P | | 0.082 | mg/L | EPA 365.1 |
| 8/25/2011 8:45 | Total-P | | 0.163 | mg/L | EPA 365.1 |
| 9/1/2011 11:15 | Total-P | | 0.035 | mg/L | EPA 365.1 |
| 9/8/2011 9:00 | Total-P | | 0.078 | mg/L | EPA 365.1 |
| 8/11/2011 10:55 | TS | | 581 | mg/L | SM2540B |
| 8/18/2011 10:14 | TS | | 392 | mg/L | SM2540B |
| 8/25/2011 8:45 | TS | | 522 | mg/L | SM2540B |
| 9/1/2011 11:15 | TS | | 584 | mg/L | SM2540B |
| 9/8/2011 9:00 | TS | | 458 | mg/L | SM2540B |
| 8/11/2011 10:55 | TSS | | 6.2 | mg/L | SM2540D |
| 8/18/2011 10:14 | TSS | | 19.6 | mg/L | SM2540D |
| 8/25/2011 8:45 | TSS | | 65.4 | mg/L | SM2540D |
| 9/1/2011 11:15 | TSS | | 3.4 | mg/L | SM2540D |
| 9/8/2011 9:00 | TSS | | 17.9 | mg/L | SM2540D |
| 8/11/2011 10:55 | Turbidity | | 4.39 | NTU | EPA 180.1 |
| 8/25/2011 8:45 | Turbidity | | 46.5 | NTU | EPA 180.1 |
| 9/1/2011 11:15 | Turbidity | | 3.72 | NTU | EPA 180.1 |
| 9/8/2011 9:00 | Turbidity | | 15.35 | NTU | EPA 180.1 |
| 8/11/2011 10:55 | V | < | 0.15 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | V | | 1.11 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | V | | 3.49 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | V | < | 0.15 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | V | j | 0.6 | ug/L | EPA-200.7 |

Rocky River
River Mile 8.30

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 8/11/2011 10:55 | Zn | j | 6.73 | ug/L | EPA-200.7 |
| 8/18/2011 10:14 | Zn | | 14.4 | ug/L | EPA-200.7 |
| 8/25/2011 8:45 | Zn | | 29.13 | ug/L | EPA-200.7 |
| 9/1/2011 11:15 | Zn | j | 5.75 | ug/L | EPA-200.7 |
| 9/8/2011 9:00 | Zn | j | 7.03 | ug/L | EPA-200.7 |

| Rocky River River Mile 4.80 | | | | | |
|--------------------------------|------------|------|--------|-----------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 8/11/2011 10:20 | Ag | < | 0.12 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | Ag | < | 0.12 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | Ag | < | 0.12 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | Ag | < | 0.12 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | Ag | < | 0.12 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | Al | | 89.3 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | Al | | 445.9 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | Al | | 1295 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | Al | | 86.88 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | Al | | 251.2 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | Alkalinity | | 118.8 | mg/LCaCO3 | EPA-310.2 |
| 8/18/2011 9:40 | Alkalinity | | 111.4 | mg/LCaCO3 | EPA-310.2 |
| 8/25/2011 8:54 | Alkalinity | | 90.7 | mg/LCaCO3 | EPA-310.2 |
| 9/1/2011 9:45 | Alkalinity | | 103.8 | mg/LCaCO3 | EPA-310.2 |
| 9/8/2011 9:25 | Alkalinity | | 114.8 | mg/LCaCO3 | EPA-310.2 |
| 8/11/2011 10:20 | As | j | 0.55 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | As | j | 1.94 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | As | | 3.41 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | As | j | 0.43 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | As | j | 1.47 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | Ba | | 36.1 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | Ba | | 32.8 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | Ba | | 37 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | Ba | | 31.65 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | Ba | | 28.9 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | Be | < | 0.12 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | Be | < | 0.12 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | Be | < | 0.12 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | Be | < | 0.12 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | Be | < | 0.12 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | BOD | < | 2 | mg/L | SM 5210 |
| 8/18/2011 9:40 | BOD | < | 2 | mg/L | SM 5210 |
| 8/25/2011 8:54 | BOD | | 2.4 | mg/L | SM 5210 |
| 9/1/2011 9:45 | BOD | < | 2 | mg/L | SM 5210 |
| 9/8/2011 9:25 | BOD | < | 2 | mg/L | SM 5210 |
| 8/11/2011 10:20 | Ca | | 61000 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | Ca | | 47690 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | Ca | | 48320 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | Ca | | 55280 | ug/L | EPA-200.7 |

| Rocky River River Mile 4.80 | | | | | |
|--------------------------------|-----------|------|--------|-----------|--------------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 9/8/2011 9:25 | Ca | | 52950 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | CaCO3 | | 218 | mg/LCaCO3 | EPA-200.7 |
| 8/18/2011 9:40 | CaCO3 | | 164 | mg/LCaCO3 | EPA-200.7 |
| 8/25/2011 8:54 | CaCO3 | | 167 | mg/LCaCO3 | EPA-200.7 |
| 9/1/2011 9:45 | CaCO3 | | 198 | mg/LCaCO3 | EPA-200.7 |
| 9/8/2011 9:25 | CaCO3 | | 181 | mg/LCaCO3 | EPA-200.7 |
| 8/11/2011 10:20 | Cd | j | 0.1 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | Cd | j | 0.12 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | Cd | j | 0.2 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | Cd | j | 0.12 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | Cd | j | 0.12 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | Chloride | | 126 | mg/L | SM 4500-Cl C |
| 8/18/2011 9:40 | Chloride | | 71 | mg/L | SM 4500-Cl C |
| 8/25/2011 8:54 | Chloride | | 105 | mg/L | SM 4500-Cl C |
| 9/1/2011 9:45 | Chloride | | 133 | mg/L | SM 4500-Cl C |
| 9/8/2011 9:25 | Chloride | | 117 | mg/L | SM 4500-Cl C |
| 8/11/2011 10:20 | Co | j | 0.61 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | Co | j | 0.77 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | Co | | 1.88 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | Co | j | 0.495 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | Co | j | 0.47 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | COD | | 16 | mg/L | EPA 410.4 |
| 8/18/2011 9:40 | COD | | 18 | mg/L | EPA 410.4 |
| 8/25/2011 8:54 | COD | | 19 | mg/L | EPA 410.4 |
| 9/1/2011 9:45 | COD | | 9 | mg/L | EPA 410.4 |
| 9/8/2011 9:25 | COD | | 18 | mg/L | EPA 410.4 |
| 8/11/2011 10:20 | Cr | < | 0.25 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | Cr | | 2.44 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | Cr+6 | j | 1.082 | ug/L | SM 3500-Cr-D |
| 8/25/2011 8:54 | Cr+6 | j | 2.367 | ug/L | SM 3500-Cr-D |
| 8/11/2011 10:20 | Cu | | 3.54 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | Cu | | 4.52 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | Cu | | 7.96 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | Cu | | 3.795 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | Cu | | 4.04 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | E. coli | | 320 | cfu/100mL | EPA 1603 |
| 8/18/2011 9:40 | E. coli | | 390 | cfu/100mL | EPA 1603 |

Rocky River
River Mile 4.80

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|------------|------|--------|-----------|-------------|
| 8/25/2011 8:54 | E. coli | | 3100 | cfu/100mL | EPA 1603 |
| 9/1/2011 9:45 | E. coli | | 340 | cfu/100mL | EPA 1603 |
| 9/8/2011 9:25 | E. coli | | 1800 | cfu/100mL | EPA 1603 |
| 8/11/2011 10:20 | Fe | | 206.6 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | Fe | | 1160 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | Fe | | 3043 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | Fe | | 242 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | Fe | | 652 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | Field Cond | | 708 | uS/cm | SM 2510A |
| 8/18/2011 9:40 | Field Cond | | 538 | uS/cm | SM 2510A |
| 8/25/2011 8:54 | Field Cond | | 608 | uS/cm | SM 2510A |
| 9/1/2011 9:45 | Field Cond | | 809 | uS/cm | SM 2510A |
| 9/8/2011 9:25 | Field Cond | | 650 | uS/cm | SM 2510A |
| 8/11/2011 10:20 | Field DO | | 10.36 | mg/L | SM 4500-0 G |
| 8/18/2011 9:40 | Field DO | | 10.46 | mg/L | SM 4500-0 G |
| 8/25/2011 8:54 | Field DO | | 11.74 | mg/L | SM 4500-0 G |
| 9/1/2011 9:45 | Field DO | | 8.23 | mg/L | SM 4500-0 G |
| 9/8/2011 9:25 | Field DO | | 9.49 | mg/L | SM 4500-0 G |
| 8/11/2011 10:20 | Field Temp | | 21.5 | C | EPA 170.1 |
| 8/18/2011 9:40 | Field Temp | | 20.4 | C | EPA 170.1 |
| 8/25/2011 8:54 | Field Temp | | 22.1 | C | EPA 170.1 |
| 9/1/2011 9:45 | Field Temp | | 23.1 | C | EPA 170.1 |
| 9/8/2011 9:25 | Field Temp | | 18.6 | C | EPA 170.1 |
| 8/11/2011 10:20 | Hg | < | 0.005 | ug/L | EPA 245.1 |
| 8/18/2011 9:40 | Hg | < | 0.005 | ug/L | EPA 245.1 |
| 8/25/2011 8:54 | Hg | < | 0.005 | ug/L | EPA 245.1 |
| 9/1/2011 9:45 | Hg | < | 0.005 | ug/L | EPA 245.1 |
| 9/8/2011 9:25 | Hg | < | 0.005 | ug/L | EPA 245.1 |
| 8/11/2011 10:20 | K | | 7179 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | K | | 5743 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | K | | 6612 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | K | | 7769.5 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | K | | 6459 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | Mg | | 16000 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | Mg | | 10840 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | Mg | | 11230 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | Mg | | 14655 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | Mg | | 11760 | ug/L | EPA-200.7 |

| Rocky River River Mile 4.80 | | | | | |
|--------------------------------|-----------|------|--------|-------|---------------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 8/11/2011 10:20 | Mn | | 25.56 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | Mn | | 40.73 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | Mn | | 93.98 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | Mn | | 18.14 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | Mn | | 27.51 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | Mo | | 5.89 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | Mo | | 4.73 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | Mo | | 5.45 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | Mo | | 6.415 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | Mo | | 5.25 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | Na | | 88770 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | Na | | 49840 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | Na | | 69280 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | Na | | 81015 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | Na | | 68810 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | NH3 | | 0.043 | mg/L | EPA-350.1 |
| 8/18/2011 9:40 | NH3 | | 0.033 | mg/L | EPA-350.1 |
| 8/25/2011 8:54 | NH3 | | 0.036 | mg/L | EPA-350.1 |
| 9/1/2011 9:45 | NH3 | | 0.048 | mg/L | EPA-350.1 |
| 9/8/2011 9:25 | NH3 | | 0.049 | mg/L | EPA-350.1 |
| 8/11/2011 10:20 | Ni | | 2.98 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | Ni | | 3.78 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | Ni | | 5.97 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | Ni | | 3.665 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | Ni | | 3.55 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | NO2 | | 0.015 | mg/L | SM 4500-NO2-B |
| 8/18/2011 9:40 | NO2 | | 0.012 | mg/L | SM 4500-NO2-B |
| 8/25/2011 8:54 | NO2 | | 0.021 | mg/L | SM 4500-NO2-B |
| 9/1/2011 9:45 | NO2 | | 0.0115 | mg/L | SM 4500-NO2-B |
| 9/8/2011 9:25 | NO2 | j | 0.01 | mg/L | SM 4500-NO2-B |
| 8/11/2011 10:20 | NO3 | | 1.848 | mg/L | EPA 353.2 |
| 8/18/2011 9:40 | NO3 | | 1.281 | mg/L | EPA 353.2 |
| 8/25/2011 8:54 | NO3 | | 1.437 | mg/L | EPA 353.2 |
| 9/1/2011 9:45 | NO3 | | 2.413 | mg/L | EPA 353.2 |
| 9/8/2011 9:25 | NO3 | | 1.721 | mg/L | EPA 353.2 |
| 8/11/2011 10:20 | NO3+NO2 | | 1.863 | mg/L | EPA 353.2 |
| 8/18/2011 9:40 | NO3+NO2 | | 1.293 | mg/L | EPA 353.2 |
| 8/25/2011 8:54 | NO3+NO2 | | 1.458 | mg/L | EPA 353.2 |
| 9/1/2011 9:45 | NO3+NO2 | | 2.425 | mg/L | EPA 353.2 |

| Rocky River River Mile 4.80 | | | | | |
|--------------------------------|-----------|------|--------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 9/8/2011 9:25 | NO3+NO2 | | 1.731 | mg/L | EPA 353.2 |
| 8/11/2011 10:20 | Pb | < | 0.39 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | Pb | j | 0.67 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | Pb | | 3.38 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | Pb | < | 0.39 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | Pb | < | 0.39 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | pH | | 8.12 | S.U. | |
| 8/18/2011 9:40 | pH | | 7.99 | S.U. | |
| 8/25/2011 8:54 | pH | | 7.89 | S.U. | |
| 9/1/2011 9:45 | pH | | 8.27 | S.U. | |
| 9/8/2011 9:25 | pH | | 8.07 | S.U. | |
| 8/11/2011 10:20 | Sb | < | 0.61 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | Sb | < | 0.61 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | Sb | < | 0.61 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | Sb | < | 0.61 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | Sb | < | 0.61 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | Se | < | 0.63 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | Se | j | 0.83 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | Se | < | 0.63 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | Se | < | 0.63 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | Se | j | 0.91 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | Sn | < | 18.4 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | Sn | < | 18.4 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | Sn | < | 18.4 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | Sn | j | 19.005 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | Sn | < | 18.4 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | Soluble-P | | 0.01 | mg/L | EPA 365.1 |
| 8/18/2011 9:40 | Soluble-P | | 0.043 | mg/L | EPA 365.1 |
| 8/25/2011 8:54 | Soluble-P | | 0.024 | mg/L | EPA 365.1 |
| 9/1/2011 9:45 | Soluble-P | | 0.013 | mg/L | EPA 365.1 |
| 9/8/2011 9:25 | Soluble-P | | 0.032 | mg/L | EPA 365.1 |
| 8/11/2011 10:20 | TDS | | 542 | mg/L | SM2540C |
| 8/18/2011 9:40 | TDS | | 302 | mg/L | SM2540C |
| 8/25/2011 8:54 | TDS | | 366 | mg/L | SM2540C |
| 9/1/2011 9:45 | TDS | | 499 | mg/L | SM2540C |
| 9/8/2011 9:25 | TDS | | 392 | mg/L | SM2540C |
| 8/11/2011 10:20 | Ti | j | 0.93 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | Ti | | 6.46 | ug/L | EPA-200.7 |

| Rocky River River Mile 4.80 | | | | | |
|--------------------------------|-----------|------|--------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 8/25/2011 8:54 | Ti | | 15.76 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | Ti | j | 0.91 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | Ti | | 2.98 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | TI | < | 1.11 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | TI | < | 1.11 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | TI | j | 1.77 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | TI | j | 1.915 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | TI | j | 1.83 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | TMET | | 12.9 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | TMET | | 16.6 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | TMET | | 42.4 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | TMET | | 13.95 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | TMET | | 15.8 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | Total-P | | 0.038 | mg/L | EPA 365.1 |
| 8/18/2011 9:40 | Total-P | | 0.084 | mg/L | EPA 365.1 |
| 8/25/2011 8:54 | Total-P | | 0.113 | mg/L | EPA 365.1 |
| 9/1/2011 9:45 | Total-P | | 0.039 | mg/L | EPA 365.1 |
| 9/8/2011 9:25 | Total-P | | 0.066 | mg/L | EPA 365.1 |
| 8/11/2011 10:20 | TS | | 580 | mg/L | SM2540B |
| 8/18/2011 9:40 | TS | | 402 | mg/L | SM2540B |
| 8/25/2011 8:54 | TS | | 478 | mg/L | SM2540B |
| 9/1/2011 9:45 | TS | | 539 | mg/L | SM2540B |
| 9/8/2011 9:25 | TS | | 488 | mg/L | SM2540B |
| 8/11/2011 10:20 | TSS | | 5.5 | mg/L | SM2540D |
| 8/18/2011 9:40 | TSS | | 22.4 | mg/L | SM2540D |
| 8/25/2011 8:54 | TSS | | 79.8 | mg/L | SM2540D |
| 9/1/2011 9:45 | TSS | | 5.25 | mg/L | SM2540D |
| 9/8/2011 9:25 | TSS | | 15.9 | mg/L | SM2540D |
| 8/11/2011 10:20 | Turbidity | | 5.73 | NTU | EPA 180.1 |
| 8/25/2011 8:54 | Turbidity | | 97.05 | NTU | EPA 180.1 |
| 9/1/2011 9:45 | Turbidity | | 6.47 | NTU | EPA 180.1 |
| 9/8/2011 9:25 | Turbidity | | 13.95 | NTU | EPA 180.1 |
| 8/11/2011 10:20 | V | < | 0.15 | ug/L | EPA-200.7 |
| 8/18/2011 9:40 | V | | 1.2 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | V | | 3.4 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | V | j | 0.195 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | V | j | 0.7 | ug/L | EPA-200.7 |
| 8/11/2011 10:20 | Zn | j | 6.39 | ug/L | EPA-200.7 |

Rocky River
River Mile 4.80

| Sample Date | Parameter | Code | Result | Units | Method |
|----------------|-----------|------|--------|-------|-----------|
| 8/18/2011 9:40 | Zn | j | 7.63 | ug/L | EPA-200.7 |
| 8/25/2011 8:54 | Zn | | 26.05 | ug/L | EPA-200.7 |
| 9/1/2011 9:45 | Zn | j | 6.46 | ug/L | EPA-200.7 |
| 9/8/2011 9:25 | Zn | j | 7.56 | ug/L | EPA-200.7 |

| Rocky River River Mile 2.50 | | | | | |
|--------------------------------|------------|------|--------|-----------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 8/11/2011 9:40 | Ag | < | 0.12 | ug/L | EPA-200.7 |
| 8/18/2011 9:07 | Ag | < | 0.12 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | Ag | < | 0.12 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | Ag | < | 0.12 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | Ag | < | 0.12 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | Al | | 92.02 | ug/L | EPA-200.7 |
| 8/18/2011 9:07 | Al | | 420.7 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | Al | | 705.1 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | Al | | 76.74 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | Al | | 286.2 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | Alkalinity | | 108.3 | mg/LCaCO3 | EPA-310.2 |
| 8/18/2011 9:07 | Alkalinity | | 108.05 | mg/LCaCO3 | EPA-310.2 |
| 8/25/2011 9:35 | Alkalinity | | 97.4 | mg/LCaCO3 | EPA-310.2 |
| 9/1/2011 9:20 | Alkalinity | | 111 | mg/LCaCO3 | EPA-310.2 |
| 9/8/2011 9:45 | Alkalinity | | 115.7 | mg/LCaCO3 | EPA-310.2 |
| 8/11/2011 9:40 | As | j | 0.42 | ug/L | EPA-200.7 |
| 8/18/2011 9:07 | As | j | 1.835 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | As | j | 1.39 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | As | < | 0.31 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | As | j | 1.43 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | Ba | | 32.8 | ug/L | EPA-200.7 |
| 8/18/2011 9:07 | Ba | | 32.85 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | Ba | | 31.9 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | Ba | | 33.5 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | Ba | | 28.6 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | Be | < | 0.12 | ug/L | EPA-200.7 |
| 8/18/2011 9:07 | Be | < | 0.12 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | Be | < | 0.12 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | Be | < | 0.12 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | Be | < | 0.12 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | BOD | < | 2 | mg/L | SM 5210 |
| 8/18/2011 9:07 | BOD | < | 2 | mg/L | SM 5210 |
| 8/25/2011 9:35 | BOD | < | 2 | mg/L | SM 5210 |
| 9/1/2011 9:20 | BOD | < | 2 | mg/L | SM 5210 |
| 9/8/2011 9:45 | BOD | < | 2 | mg/L | SM 5210 |
| 8/11/2011 9:40 | Ca | | 55300 | ug/L | EPA-200.7 |
| 8/18/2011 9:07 | Ca | | 46110 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | Ca | | 45930 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | Ca | | 55970 | ug/L | EPA-200.7 |

| Rocky River River Mile 2.50 | | | | | |
|--------------------------------|-----------|------|--------|-----------|--------------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 9/8/2011 9:45 | Ca | | 52640 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | CaCO3 | | 200 | mg/LCaCO3 | EPA-200.7 |
| 8/18/2011 9:07 | CaCO3 | | 159.5 | mg/LCaCO3 | EPA-200.7 |
| 8/25/2011 9:35 | CaCO3 | | 160 | mg/LCaCO3 | EPA-200.7 |
| 9/1/2011 9:20 | CaCO3 | | 200 | mg/LCaCO3 | EPA-200.7 |
| 9/8/2011 9:45 | CaCO3 | | 180 | mg/LCaCO3 | EPA-200.7 |
| 8/11/2011 9:40 | Cd | j | 0.09 | ug/L | EPA-200.7 |
| 8/18/2011 9:07 | Cd | j | 0.115 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | Cd | j | 0.12 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | Cd | j | 0.11 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | Cd | j | 0.1 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | Chloride | | 123 | mg/L | SM 4500-Cl C |
| 8/18/2011 9:07 | Chloride | | 77 | mg/L | SM 4500-Cl C |
| 8/25/2011 9:35 | Chloride | | 108 | mg/L | SM 4500-Cl C |
| 9/1/2011 9:20 | Chloride | | 134 | mg/L | SM 4500-Cl C |
| 9/8/2011 9:45 | Chloride | | 116 | mg/L | SM 4500-Cl C |
| 8/11/2011 9:40 | Co | j | 0.6 | ug/L | EPA-200.7 |
| 8/18/2011 9:07 | Co | j | 0.785 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | Co | | 1.03 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | Co | j | 0.46 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | Co | j | 0.5 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | COD | | 13 | mg/L | EPA 410.4 |
| 8/18/2011 9:07 | COD | | 18 | mg/L | EPA 410.4 |
| 8/25/2011 9:35 | COD | | 18 | mg/L | EPA 410.4 |
| 9/1/2011 9:20 | COD | | 17 | mg/L | EPA 410.4 |
| 9/8/2011 9:45 | COD | | 18 | mg/L | EPA 410.4 |
| 8/11/2011 9:40 | Cr | j | 0.3 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | Cr | j | 1.53 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | Cr+6 | j | 1.023 | ug/L | SM 3500-Cr-D |
| 8/25/2011 9:35 | Cr+6 | j | 3.007 | ug/L | SM 3500-Cr-D |
| 8/11/2011 9:40 | Cu | | 4.45 | ug/L | EPA-200.7 |
| 8/18/2011 9:07 | Cu | | 5.085 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | Cu | | 5.495 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | Cu | | 3.51 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | Cu | | 3.605 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | E. coli | | 265 | cfu/100mL | EPA 1603 |
| 8/18/2011 9:07 | E. coli | EC | 392 | cfu/100mL | EPA 1603 |

| Rocky River River Mile 2.50 | | | | | |
|--------------------------------|------------|------|--------|-----------|-------------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 8/25/2011 9:35 | E. coli | EC | 1582 | cfu/100mL | EPA 1603 |
| 9/1/2011 9:20 | E. coli | | 158 | cfu/100mL | EPA 1603 |
| 9/8/2011 9:45 | E. coli | | 700 | cfu/100mL | EPA 1603 |
| 8/11/2011 9:40 | Fe | | 202.7 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | Fe | | 1583 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | Fe | | 238.6 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | Fe | | 730.7 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | Field Cond | | 695 | uS/cm | SM 2510A |
| 8/18/2011 9:07 | Field Cond | | 541 | uS/cm | SM 2510A |
| 8/25/2011 9:35 | Field Cond | | 640 | uS/cm | SM 2510A |
| 9/1/2011 9:20 | Field Cond | | 790 | uS/cm | SM 2510A |
| 9/8/2011 9:45 | Field Cond | | 652 | uS/cm | SM 2510A |
| 8/11/2011 9:40 | Field DO | | 9.73 | mg/L | SM 4500-0 G |
| 8/18/2011 9:07 | Field DO | | 11.9 | mg/L | SM 4500-0 G |
| 8/25/2011 9:35 | Field DO | | 10.48 | mg/L | SM 4500-0 G |
| 9/1/2011 9:20 | Field DO | | 7.67 | mg/L | SM 4500-0 G |
| 9/8/2011 9:45 | Field DO | | 9.48 | mg/L | SM 4500-0 G |
| 8/11/2011 9:40 | Field Temp | | 22.3 | C | EPA 170.1 |
| 8/18/2011 9:07 | Field Temp | | 21 | C | EPA 170.1 |
| 8/25/2011 9:35 | Field Temp | | 22.5 | C | EPA 170.1 |
| 9/1/2011 9:20 | Field Temp | | 22.4 | C | EPA 170.1 |
| 9/8/2011 9:45 | Field Temp | | 18.5 | C | EPA 170.1 |
| 8/11/2011 9:40 | Hg | j | 0.01 | ug/L | EPA 245.1 |
| 8/18/2011 9:07 | Hg | < | 0.005 | ug/L | EPA 245.1 |
| 8/25/2011 9:35 | Hg | < | 0.005 | ug/L | EPA 245.1 |
| 9/1/2011 9:20 | Hg | < | 0.005 | ug/L | EPA 245.1 |
| 9/8/2011 9:45 | Hg | < | 0.005 | ug/L | EPA 245.1 |
| 8/11/2011 9:40 | K | | 7039 | ug/L | EPA-200.7 |
| 8/18/2011 9:07 | K | | 5696 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | K | | 6642 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | K | | 7297 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | K | | 6010 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | Mg | | 14980 | ug/L | EPA-200.7 |
| 8/18/2011 9:07 | Mg | | 10830 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | Mg | | 11020 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | Mg | | 14640 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | Mg | | 11800 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | Mn | | 23.87 | ug/L | EPA-200.7 |

| Rocky River River Mile 2.50 | | | | | |
|--------------------------------|-----------|------|--------|-------|---------------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 8/18/2011 9:07 | Mn | | 43.735 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | Mn | | 45.29 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | Mn | | 17.35 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | Mn | | 26.3 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | Mo | | 6.03 | ug/L | EPA-200.7 |
| 8/18/2011 9:07 | Mo | | 4.775 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | Mo | | 5.17 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | Mo | | 6.65 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | Mo | | 5.125 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | Na | | 82570 | ug/L | EPA-200.7 |
| 8/18/2011 9:07 | Na | | 49060 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | Na | | 69800 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | Na | | 77170 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | Na | | 65390 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | NH3 | | 0.046 | mg/L | EPA-350.1 |
| 8/18/2011 9:07 | NH3 | | 0.031 | mg/L | EPA-350.1 |
| 8/25/2011 9:35 | NH3 | | 0.042 | mg/L | EPA-350.1 |
| 9/1/2011 9:20 | NH3 | | 0.049 | mg/L | EPA-350.1 |
| 9/8/2011 9:45 | NH3 | | 0.036 | mg/L | EPA-350.1 |
| 8/11/2011 9:40 | Ni | | 3.12 | ug/L | EPA-200.7 |
| 8/18/2011 9:07 | Ni | | 3.785 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | Ni | | 4.41 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | Ni | | 3.77 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | Ni | | 3.455 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | NO2 | | 0.012 | mg/L | SM 4500-NO2-B |
| 8/18/2011 9:07 | NO2 | | 0.011 | mg/L | SM 4500-NO2-B |
| 8/25/2011 9:35 | NO2 | | 0.02 | mg/L | SM 4500-NO2-B |
| 9/1/2011 9:20 | NO2 | j | 0.009 | mg/L | SM 4500-NO2-B |
| 9/8/2011 9:45 | NO2 | j | 0.006 | mg/L | SM 4500-NO2-B |
| 8/11/2011 9:40 | NO3 | | 1.782 | mg/L | EPA 353.2 |
| 8/18/2011 9:07 | NO3 | | 1.287 | mg/L | EPA 353.2 |
| 8/25/2011 9:35 | NO3 | | 1.568 | mg/L | EPA 353.2 |
| 9/1/2011 9:20 | NO3 | | 2.008 | mg/L | EPA 353.2 |
| 9/8/2011 9:45 | NO3 | | 1.916 | mg/L | EPA 353.2 |
| 8/11/2011 9:40 | NO3+NO2 | | 1.794 | mg/L | EPA 353.2 |
| 8/18/2011 9:07 | NO3+NO2 | | 1.298 | mg/L | EPA 353.2 |
| 8/25/2011 9:35 | NO3+NO2 | | 1.588 | mg/L | EPA 353.2 |
| 9/1/2011 9:20 | NO3+NO2 | | 2.017 | mg/L | EPA 353.2 |
| 9/8/2011 9:45 | NO3+NO2 | | 1.923 | mg/L | EPA 353.2 |

Rocky River
River Mile 2.50

| Sample Date | Parameter | Code | Result | Units | Method |
|----------------|-----------|------|--------|-------|-----------|
| 8/11/2011 9:40 | Pb | < | 0.39 | ug/L | EPA-200.7 |
| 8/18/2011 9:07 | Pb | j | 0.675 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | Pb | j | 1.5 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | Pb | < | 0.39 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | Pb | < | 0.39 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | pH | | 8.13 | S.U. | |
| 8/18/2011 9:07 | pH | | 7.85 | S.U. | |
| 8/25/2011 9:35 | pH | | 7.96 | S.U. | |
| 9/1/2011 9:20 | pH | | 8.3 | S.U. | |
| 9/8/2011 9:45 | pH | | 8.08 | S.U. | |
| 8/11/2011 9:40 | Sb | < | 0.61 | ug/L | EPA-200.7 |
| 8/18/2011 9:07 | Sb | < | 0.62 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | Sb | < | 0.61 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | Sb | < | 0.61 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | Sb | < | 0.61 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | Se | < | 0.63 | ug/L | EPA-200.7 |
| 8/18/2011 9:07 | Se | j | 0.945 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | Se | < | 0.63 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | Se | < | 0.63 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | Se | < | 0.63 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | Sn | < | 18.4 | ug/L | EPA-200.7 |
| 8/18/2011 9:07 | Sn | < | 18.4 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | Sn | < | 18.4 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | Sn | < | 18.4 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | Sn | < | 18.4 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | Soluble-P | | 0.012 | mg/L | EPA 365.1 |
| 8/18/2011 9:07 | Soluble-P | | 0.041 | mg/L | EPA 365.1 |
| 8/25/2011 9:35 | Soluble-P | | 0.025 | mg/L | EPA 365.1 |
| 9/1/2011 9:20 | Soluble-P | | 0.011 | mg/L | EPA 365.1 |
| 9/8/2011 9:45 | Soluble-P | | 0.033 | mg/L | EPA 365.1 |
| 8/11/2011 9:40 | TDS | | 516 | mg/L | SM2540C |
| 8/18/2011 9:07 | TDS | | 313.5 | mg/L | SM2540C |
| 8/25/2011 9:35 | TDS | | 384 | mg/L | SM2540C |
| 9/1/2011 9:20 | TDS | | 497 | mg/L | SM2540C |
| 9/8/2011 9:45 | TDS | | 406 | mg/L | SM2540C |
| 8/11/2011 9:40 | Ti | j | 0.83 | ug/L | EPA-200.7 |
| 8/18/2011 9:07 | Ti | | 5.945 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | Ti | | 10.09 | ug/L | EPA-200.7 |

| Rocky River River Mile 2.50 | | | | | |
|--------------------------------|-----------|------|--------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 9/1/2011 9:20 | Ti | j | 0.81 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | Ti | | 3.53 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | TI | < | 1.11 | ug/L | EPA-200.7 |
| 8/18/2011 9:07 | TI | < | 1.11 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | TI | < | 1.11 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | TI | j | 1.38 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | TI | j | 1.36 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | TMET | | 14 | ug/L | EPA-200.7 |
| 8/18/2011 9:07 | TMET | | 17.05 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | TMET | | 24.8 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | TMET | | 11.5 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | TMET | | 13.9 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | Total-P | | 0.034 | mg/L | EPA 365.1 |
| 8/18/2011 9:07 | Total-P | | 0.085 | mg/L | EPA 365.1 |
| 8/25/2011 9:35 | Total-P | | 0.074 | mg/L | EPA 365.1 |
| 9/1/2011 9:20 | Total-P | | 0.03 | mg/L | EPA 365.1 |
| 9/8/2011 9:45 | Total-P | | 0.066 | mg/L | EPA 365.1 |
| 8/11/2011 9:40 | TS | | 534 | mg/L | SM2540B |
| 8/18/2011 9:07 | TS | | 402 | mg/L | SM2540B |
| 8/25/2011 9:35 | TS | | 475 | mg/L | SM2540B |
| 9/1/2011 9:20 | TS | | 541 | mg/L | SM2540B |
| 9/8/2011 9:45 | TS | | 474 | mg/L | SM2540B |
| 8/11/2011 9:40 | TSS | | 6.3 | mg/L | SM2540D |
| 8/18/2011 9:07 | TSS | | 25.05 | mg/L | SM2540D |
| 8/25/2011 9:35 | TSS | | 48.2 | mg/L | SM2540D |
| 9/1/2011 9:20 | TSS | | 4.6 | mg/L | SM2540D |
| 9/8/2011 9:45 | TSS | | 15.9 | mg/L | SM2540D |
| 8/11/2011 9:40 | Turbidity | | 6.37 | NTU | EPA 180.1 |
| 8/25/2011 9:35 | Turbidity | | 39.4 | NTU | EPA 180.1 |
| 9/1/2011 9:20 | Turbidity | | 6.18 | NTU | EPA 180.1 |
| 9/8/2011 9:45 | Turbidity | | 12.3 | NTU | EPA 180.1 |
| 8/11/2011 9:40 | V | j | 0.21 | ug/L | EPA-200.7 |
| 8/18/2011 9:07 | V | | 1.27 | ug/L | EPA-200.7 |
| 8/25/2011 9:35 | V | | 1.88 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | V | < | 0.15 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | V | j | 0.66 | ug/L | EPA-200.7 |
| 8/11/2011 9:40 | Zn | j | 6.12 | ug/L | EPA-200.7 |
| 8/18/2011 9:07 | Zn | j | 7.485 | ug/L | EPA-200.7 |

| Rocky River River Mile 2.50 | | | | | |
|--------------------------------|-----------|------|--------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 8/25/2011 9:35 | Zn | | 13.18 | ug/L | EPA-200.7 |
| 9/1/2011 9:20 | Zn | j | 4.18 | ug/L | EPA-200.7 |
| 9/8/2011 9:45 | Zn | j | 6.065 | 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)

EC = Estimated count