

| Chagrin River River Mile 26.70 | | | | | |
|-----------------------------------|------------|------|--------|-----------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 8/26/2014 9:32 | Ag | < | 0.026 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | Ag | < | 0.026 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | Ag | < | 0.026 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | Ag | j | 0.036 | ug/L | EPA-200.8 |
| 8/26/2014 9:32 | Al | | 156.9 | ug/L | EPA-200.8 |
| 9/2/2014 9:15 | Al | | 133.6 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | Al | | 164 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | Al | | 456.6 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | Al | | 23 | ug/L | EPA-200.8 |
| 8/26/2014 9:32 | Alkalinity | | 126.9 | mg/LCaCO3 | EPA-310.2 |
| 9/2/2014 9:15 | Alkalinity | | 136.8 | mg/LCaCO3 | EPA-310.2 |
| 9/9/2014 9:29 | Alkalinity | | 128 | mg/LCaCO3 | EPA-310.2 |
| 9/16/2014 9:20 | Alkalinity | | 120 | mg/LCaCO3 | EPA-310.2 |
| 9/23/2014 9:10 | Alkalinity | | 139 | mg/LCaCO3 | EPA-310.2 |
| 8/26/2014 9:32 | As | j | 1.906 | ug/L | EPA-200.8 |
| 9/2/2014 9:15 | As | j | 1.704 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | As | j | 1.878 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | As | j | 1.657 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | As | j | 0.784 | ug/L | EPA-200.8 |
| 8/26/2014 9:32 | Ba | | 42.21 | ug/L | EPA-200.8 |
| 9/2/2014 9:15 | Ba | | 43.2 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | Ba | | 39.8 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | Ba | | 42.76 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | Ba | | 39.84 | ug/L | EPA-200.8 |
| 8/26/2014 9:32 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/2/2014 9:15 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 8/26/2014 9:32 | BOD | < | 2 | mg/L | SM 5210 |
| 9/9/2014 9:29 | BOD | < | 2 | mg/L | SM 5210 |
| 9/16/2014 9:20 | BOD | | 2.6 | mg/L | SM 5210 |
| 9/23/2014 9:10 | BOD | < | 2 | mg/L | SM 5210 |
| 8/26/2014 9:32 | Ca | | 47440 | ug/L | EPA-200.8 |
| 9/2/2014 9:15 | Ca | | 51440 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | Ca | | 44940 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | Ca | | 46580 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | Ca | | 54810 | ug/L | EPA-200.8 |

| Chagrin River River Mile 26.70 | | | | | |
|-----------------------------------|-----------|------|--------|-----------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 8/26/2014 9:32 | CaCO3 | | 161 | mg/LCaCO3 | EPA-200.8 |
| 9/2/2014 9:15 | CaCO3 | | 182 | mg/LCaCO3 | EPA-200.8 |
| 9/9/2014 9:29 | CaCO3 | | 153 | mg/LCaCO3 | EPA-200.8 |
| 9/16/2014 9:20 | CaCO3 | | 160 | mg/LCaCO3 | EPA-200.8 |
| 9/23/2014 9:10 | CaCO3 | | 190 | mg/LCaCO3 | EPA-200.8 |
| 8/26/2014 9:32 | Cd | < | 0.054 | ug/L | EPA-200.8 |
| 9/2/2014 9:15 | Cd | < | 0.054 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | Cd | < | 0.054 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | Cd | < | 0.054 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | Cd | < | 0.054 | ug/L | EPA-200.8 |
| 8/26/2014 9:32 | Chloride | | 62.93 | mg/L | EPA 300.0 |
| 9/2/2014 9:15 | Chloride | | 70.96 | mg/L | EPA 300.0 |
| 9/9/2014 9:29 | Chloride | | 61.74 | mg/L | EPA 300.0 |
| 9/16/2014 9:20 | Chloride | | 66.67 | mg/L | EPA 300.0 |
| 9/23/2014 9:10 | Chloride | | 70.94 | mg/L | EPA 300.0 |
| 8/26/2014 9:32 | Co | j | 0.28 | ug/L | EPA-200.8 |
| 9/2/2014 9:15 | Co | j | 0.279 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | Co | j | 0.3 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | Co | j | 0.425 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | Co | j | 0.169 | ug/L | EPA-200.8 |
| 8/26/2014 9:32 | COD | j | 6.1 | mg/L | EPA 410.4 |
| 9/2/2014 9:15 | COD | | 12.1 | mg/L | EPA 410.4 |
| 9/9/2014 9:29 | COD | | 10.8 | mg/L | EPA 410.4 |
| 9/16/2014 9:20 | COD | | 14.4 | mg/L | EPA 410.4 |
| 9/23/2014 9:10 | COD | j | 7.4 | mg/L | EPA 410.4 |
| 9/2/2014 9:15 | Cr | j | 0.387 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | Cr | j | 0.47 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | Cr | j | 0.884 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | Cr | j | 0.476 | ug/L | EPA-200.8 |
| 8/26/2014 9:32 | Cu | | 2.31 | ug/L | EPA-200.8 |
| 9/2/2014 9:15 | Cu | | 2.791 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | Cu | | 2.518 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | Cu | | 2.669 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | Cu | | 2.218 | ug/L | EPA-200.8 |
| 8/26/2014 9:32 | DRPhos | | 0.019 | mg/L | EPA 365.1 |
| 9/2/2014 9:15 | DRPhos | | 0.019 | mg/L | EPA 365.1 |
| 9/9/2014 9:29 | DRPhos | | 0.02 | mg/L | EPA 365.1 |
| 9/16/2014 9:20 | DRPhos | | 0.017 | mg/L | EPA 365.1 |
| 9/23/2014 9:10 | DRPhos | j | 0.009 | mg/L | EPA 365.1 |

Chagrin River
River Mile 26.70

| Sample Date | Parameter | Code | Result | Units | Method |
|-------------|-----------|------|--------|-------|--------|
|-------------|-----------|------|--------|-------|--------|

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|----------------|---------|--|------|------------|------------------|
| 8/26/2014 9:32 | E. coli | | 254 | MPN/100 mL | SM 9223 Colilert |
| 9/2/2014 9:15 | E. coli | | 266 | MPN/100 mL | SM 9223 Colilert |
| 9/9/2014 9:29 | E. coli | | 1210 | MPN/100 mL | SM 9223 Colilert |
| 9/16/2014 9:20 | E. coli | | 409 | MPN/100 mL | SM 9223 Colilert |
| 9/23/2014 9:10 | E. coli | | 104 | MPN/100 mL | SM 9223 Colilert |

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|----------------|----|--|-------|------|-----------|
| 8/26/2014 9:32 | Fe | | 603.1 | ug/L | EPA-200.8 |
| 9/2/2014 9:15 | Fe | | 442 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | Fe | | 665.8 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | Fe | | 1158 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | Fe | | 234.2 | ug/L | EPA-200.8 |

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|----------------|------------|--|-------|----------|----------|
| 8/26/2014 9:32 | Field Cond | | 488.9 | umhos/cm | SM 2510A |
| 9/2/2014 9:15 | Field Cond | | 559.5 | umhos/cm | SM 2510A |
| 9/9/2014 9:29 | Field Cond | | 466.1 | umhos/cm | SM 2510A |
| 9/16/2014 9:20 | Field Cond | | 445.9 | umhos/cm | SM 2510A |
| 9/23/2014 9:10 | Field Cond | | 481 | umhos/cm | SM 2510A |

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|----------------|----------|--|-------|------|-------------|
| 8/26/2014 9:32 | Field DO | | 8.75 | mg/L | SM 4500-0 G |
| 9/2/2014 9:15 | Field DO | | 8.41 | mg/L | SM 4500-0 G |
| 9/9/2014 9:29 | Field DO | | 9.01 | mg/L | SM 4500-0 G |
| 9/16/2014 9:20 | Field DO | | 9.94 | mg/L | SM 4500-0 G |
| 9/23/2014 9:10 | Field DO | | 10.46 | mg/L | SM 4500-0 G |

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|----------------|------------|--|------|---|-----------|
| 8/26/2014 9:32 | Field Temp | | 21.4 | C | EPA 170.1 |
| 9/2/2014 9:15 | Field Temp | | 22.8 | C | EPA 170.1 |
| 9/9/2014 9:29 | Field Temp | | 18.7 | C | EPA 170.1 |
| 9/16/2014 9:20 | Field Temp | | 13.8 | C | EPA 170.1 |
| 9/23/2014 9:10 | Field Temp | | 11.5 | C | EPA 170.1 |

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|----------------|----|---|------|------|-----------|
| 8/26/2014 9:32 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/2/2014 9:15 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/9/2014 9:29 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/16/2014 9:20 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/23/2014 9:10 | Hg | < | 0.01 | ug/L | EPA 245.1 |

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|----------------|---|--|------|------|-----------|
| 8/26/2014 9:32 | K | | 2867 | ug/L | EPA-200.8 |
| 9/2/2014 9:15 | K | | 2944 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | K | | 3138 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | K | | 2989 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | K | | 2880 | ug/L | EPA-200.8 |

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|----------------|----|--|-------|------|-----------|
| 8/26/2014 9:32 | Mg | | 10390 | ug/L | EPA-200.8 |
| 9/2/2014 9:15 | Mg | | 12970 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | Mg | | 10420 | ug/L | EPA-200.8 |

| Chagrin River River Mile 26.70 | | | | | |
|-----------------------------------|-----------|------|--------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 9/16/2014 9:20 | Mg | | 10560 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | Mg | | 12840 | ug/L | EPA-200.8 |
| 8/26/2014 9:32 | Mn | | 39.51 | ug/L | EPA-200.8 |
| 9/2/2014 9:15 | Mn | | 34.18 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | Mn | | 43.46 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | Mn | | 52.86 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | Mn | | 13.39 | ug/L | EPA-200.8 |
| 8/26/2014 9:32 | Mo | | 1.623 | ug/L | EPA-200.8 |
| 9/2/2014 9:15 | Mo | | 1.628 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | Mo | | 1.438 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | Mo | | 1.519 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | Mo | | 1.354 | ug/L | EPA-200.8 |
| 8/26/2014 9:32 | Na | | 39450 | ug/L | EPA-200.8 |
| 9/2/2014 9:15 | Na | | 47500 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | Na | | 38630 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | Na | | 45940 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | Na | | 67700 | ug/L | EPA-200.8 |
| 9/2/2014 9:15 | NH3 | < | 0.003 | mg/L | EPA-350.1 |
| 9/9/2014 9:29 | NH3 | | 0.075 | mg/L | EPA-350.1 |
| 9/16/2014 9:20 | NH3 | j | 0.006 | mg/L | EPA-350.1 |
| 9/23/2014 9:10 | NH3 | < | 0.003 | mg/L | EPA-350.1 |
| 8/26/2014 9:32 | Ni | j | 1.677 | ug/L | EPA-200.8 |
| 9/2/2014 9:15 | Ni | j | 2.741 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | Ni | j | 1.872 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | Ni | j | 2.073 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | Ni | j | 1.334 | ug/L | EPA-200.8 |
| 8/26/2014 9:32 | NO3-NO2 | | 0.594 | mg/L | EPA 353.2 |
| 9/2/2014 9:15 | NO3-NO2 | | 0.658 | mg/L | EPA 353.2 |
| 9/9/2014 9:29 | NO3-NO2 | | 0.666 | mg/L | EPA 353.2 |
| 9/16/2014 9:20 | NO3-NO2 | | 0.566 | mg/L | EPA 353.2 |
| 9/23/2014 9:10 | NO3-NO2 | | 0.435 | mg/L | EPA 353.2 |
| 8/26/2014 9:32 | Pb | j | 0.367 | ug/L | EPA-200.8 |
| 9/2/2014 9:15 | Pb | j | 0.27 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | Pb | j | 0.379 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | Pb | j | 0.8 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | Pb | j | 0.123 | ug/L | EPA-200.8 |
| 8/26/2014 9:32 | pH | | 7.95 | S.U. | |
| 9/2/2014 9:15 | pH | | 8.05 | S.U. | |

| Chagrin River River Mile 26.70 | | | | | |
|-----------------------------------|-----------|------|---------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 9/9/2014 9:29 | pH | | 8.18 | S.U. | |
| 9/16/2014 9:20 | pH | | 8.09 | S.U. | |
| 9/23/2014 9:10 | pH | | 7.83 | S.U. | |
| 9/2/2014 9:15 | Sb | j | 0.267 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | Sb | j | 0.254 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | Sb | j | 0.379 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | Sb | j | 0.23 | ug/L | EPA-200.8 |
| 8/26/2014 9:32 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/2/2014 9:15 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 8/26/2014 9:32 | Sn | < | 0.34 | ug/L | EPA-200.8 |
| 9/2/2014 9:15 | Sn | j | 0.651 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | Sn | j | 0.367 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | Sn | < | 0.34 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | Sn | < | 0.34 | ug/L | EPA-200.8 |
| 8/26/2014 9:32 | SO4 | | 27.35 | mg/L | EPA 300.0 |
| 9/2/2014 9:15 | SO4 | | 31.95 | mg/L | EPA 300.0 |
| 9/9/2014 9:29 | SO4 | | 26.59 | mg/L | EPA 300.0 |
| 9/16/2014 9:20 | SO4 | | 27.24 | mg/L | EPA 300.0 |
| 9/23/2014 9:10 | SO4 | | 34.14 | mg/L | EPA 300.0 |
| 8/26/2014 9:32 | Sr | | 158.372 | ug/L | EPA-200.8 |
| 9/2/2014 9:15 | Sr | | 171.574 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | Sr | | 155.361 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | Sr | | 164.533 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | Sr | | 213.374 | ug/L | EPA-200.8 |
| 8/26/2014 9:32 | TDS | | 295 | mg/L | SM2540C |
| 9/2/2014 9:15 | TDS | | 324 | mg/L | SM2540C |
| 9/9/2014 9:29 | TDS | | 272 | mg/L | SM2540C |
| 9/16/2014 9:20 | TDS | | 288 | mg/L | SM2540C |
| 9/23/2014 9:10 | TDS | | 310 | mg/L | SM2540C |
| 8/26/2014 9:32 | Ti | | 2.86 | ug/L | EPA-200.8 |
| 9/2/2014 9:15 | Ti | | 2.367 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | Ti | | 2.992 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | Ti | | 9.576 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | Ti | j | 0.783 | ug/L | EPA-200.8 |
| 8/26/2014 9:32 | TKN | | 0.53 | mg/L | EPA-351.1 |

| Chagrin River River Mile 26.70 | | | | | |
|-----------------------------------|-----------|------|--------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 9/2/2014 9:15 | TKN | | 0.551 | mg/L | EPA-351.1 |
| 9/9/2014 9:29 | TKN | | 0.553 | mg/L | EPA-351.1 |
| 9/16/2014 9:20 | TKN | | 0.664 | mg/L | EPA-351.1 |
| 9/23/2014 9:10 | TKN | j | 0.381 | mg/L | EPA-351.1 |
| 9/2/2014 9:15 | TI | j | 0.061 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | TI | j | 0.254 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | TI | j | 0.024 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | TI | j | 0.434 | ug/L | EPA-200.8 |
| 8/26/2014 9:32 | TMET | < | 10 | ug/L | EPA-200.8 |
| 9/2/2014 9:15 | TMET | | 11.7 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | TMET | | 10.5 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | TMET | | 12.6 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | TMET | < | 10 | ug/L | EPA-200.8 |
| 8/26/2014 9:32 | Total-P | | 0.053 | mg/L | EPA 365.1 |
| 9/2/2014 9:15 | Total-P | | 0.042 | mg/L | EPA 365.1 |
| 9/9/2014 9:29 | Total-P | | 0.06 | mg/L | EPA 365.1 |
| 9/16/2014 9:20 | Total-P | | 0.064 | mg/L | EPA 365.1 |
| 9/23/2014 9:10 | Total-P | | 0.049 | mg/L | EPA 365.1 |
| 8/26/2014 9:32 | TS | | 304 | mg/L | SM2540B |
| 9/2/2014 9:15 | TS | | 336 | mg/L | SM2540B |
| 9/9/2014 9:29 | TS | | 296 | mg/L | SM2540B |
| 9/16/2014 9:20 | TS | | 326 | mg/L | SM2540B |
| 9/23/2014 9:10 | TS | | 338 | mg/L | SM2540B |
| 8/26/2014 9:32 | TSS | | 7.4 | mg/L | SM2540D |
| 9/2/2014 9:15 | TSS | | 6 | mg/L | SM2540D |
| 9/9/2014 9:29 | TSS | | 7.9 | mg/L | SM2540D |
| 9/16/2014 9:20 | TSS | | 15.4 | mg/L | SM2540D |
| 9/23/2014 9:10 | TSS | | 2.2 | mg/L | SM2540D |
| 8/26/2014 9:32 | Turbidity | | 7.57 | NTU | EPA 180.1 |
| 9/2/2014 9:15 | Turbidity | | 8.68 | NTU | EPA 180.1 |
| 9/9/2014 9:29 | Turbidity | | 8.62 | NTU | EPA 180.1 |
| 9/16/2014 9:20 | Turbidity | | 15.8 | NTU | EPA 180.1 |
| 9/23/2014 9:10 | Turbidity | | 1.73 | NTU | EPA 180.1 |
| 8/26/2014 9:32 | V | < | 0.38 | ug/L | EPA-200.8 |
| 9/2/2014 9:15 | V | < | 0.38 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | V | < | 0.38 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | V | j | 0.652 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | V | < | 0.38 | ug/L | EPA-200.8 |

Chagrin River
River Mile 26.70

| Sample Date | Parameter | Code | Result | Units | Method |
|----------------|-----------|------|--------|-------|-----------|
| 9/2/2014 9:15 | Zn | j | 5.781 | ug/L | EPA-200.8 |
| 9/9/2014 9:29 | Zn | j | 6.598 | ug/L | EPA-200.8 |
| 9/16/2014 9:20 | Zn | j | 6.952 | ug/L | EPA-200.8 |
| 9/23/2014 9:10 | Zn | < | 1.42 | ug/L | EPA-200.8 |

Wiley Creek
River Mile 1.00

| Sample Date | Parameter | Code | Result | Units | Method |
|----------------|------------|------|--------|-----------|-----------|
| 8/26/2014 9:58 | Ag | < | 0.026 | ug/L | EPA-200.8 |
| 9/9/2014 9:45 | Ag | < | 0.026 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | Ag | < | 0.026 | ug/L | EPA-200.8 |
| 9/23/2014 9:25 | Ag | < | 0.026 | ug/L | EPA-200.8 |
| 8/26/2014 9:58 | Al | | 86.9 | ug/L | EPA-200.8 |
| 9/2/2014 9:30 | Al | | 36.49 | ug/L | EPA-200.8 |
| 9/9/2014 9:45 | Al | | 112.7 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | Al | | 265 | ug/L | EPA-200.8 |
| 9/23/2014 9:25 | Al | | 354.5 | ug/L | EPA-200.8 |
| 8/26/2014 9:58 | Alkalinity | | 140.9 | mg/LCaCO3 | EPA-310.2 |
| 9/2/2014 9:30 | Alkalinity | | 132.7 | mg/LCaCO3 | EPA-310.2 |
| 9/9/2014 9:45 | Alkalinity | | 129.1 | mg/LCaCO3 | EPA-310.2 |
| 9/16/2014 9:42 | Alkalinity | | 121.1 | mg/LCaCO3 | EPA-310.2 |
| 9/23/2014 9:25 | Alkalinity | | 136.5 | mg/LCaCO3 | EPA-310.2 |
| 8/26/2014 9:58 | As | j | 1.621 | ug/L | EPA-200.8 |
| 9/2/2014 9:30 | As | j | 1.254 | ug/L | EPA-200.8 |
| 9/9/2014 9:45 | As | j | 1.093 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | As | j | 1.802 | ug/L | EPA-200.8 |
| 9/23/2014 9:25 | As | j | 1.243 | ug/L | EPA-200.8 |
| 8/26/2014 9:58 | Ba | | 41.7 | ug/L | EPA-200.8 |
| 9/2/2014 9:30 | Ba | | 46.18 | ug/L | EPA-200.8 |
| 9/9/2014 9:45 | Ba | | 34.72 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | Ba | | 36.53 | ug/L | EPA-200.8 |
| 9/23/2014 9:25 | Ba | | 43.06 | ug/L | EPA-200.8 |
| 8/26/2014 9:58 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/2/2014 9:30 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/9/2014 9:45 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/23/2014 9:25 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 8/26/2014 9:58 | BOD | < | 2 | mg/L | SM 5210 |
| 9/9/2014 9:45 | BOD | < | 2 | mg/L | SM 5210 |
| 9/16/2014 9:42 | BOD | | 2.6 | mg/L | SM 5210 |
| 9/23/2014 9:25 | BOD | < | 2 | mg/L | SM 5210 |
| 8/26/2014 9:58 | Ca | | 62130 | ug/L | EPA-200.8 |
| 9/2/2014 9:30 | Ca | | 67380 | ug/L | EPA-200.8 |
| 9/9/2014 9:45 | Ca | | 52330 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | Ca | | 54680 | ug/L | EPA-200.8 |
| 9/23/2014 9:25 | Ca | | 68610 | ug/L | EPA-200.8 |

| Wiley Creek River Mile 1.00 | | | | | |
|--------------------------------|-----------|------|--------|-----------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 8/26/2014 9:58 | CaCO3 | | 210 | mg/LCaCO3 | EPA-200.8 |
| 9/2/2014 9:30 | CaCO3 | | 236 | mg/LCaCO3 | EPA-200.8 |
| 9/9/2014 9:45 | CaCO3 | | 181 | mg/LCaCO3 | EPA-200.8 |
| 9/16/2014 9:42 | CaCO3 | | 186 | mg/LCaCO3 | EPA-200.8 |
| 9/23/2014 9:25 | CaCO3 | | 239 | mg/LCaCO3 | EPA-200.8 |
| 8/26/2014 9:58 | Cd | < | 0.054 | ug/L | EPA-200.8 |
| 9/2/2014 9:30 | Cd | j | 0.077 | ug/L | EPA-200.8 |
| 9/9/2014 9:45 | Cd | < | 0.054 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | Cd | < | 0.054 | ug/L | EPA-200.8 |
| 9/23/2014 9:25 | Cd | j | 0.06 | ug/L | EPA-200.8 |
| 8/26/2014 9:58 | Chloride | | 164.3 | mg/L | EPA 300.0 |
| 9/2/2014 9:30 | Chloride | | 182.7 | mg/L | EPA 300.0 |
| 9/9/2014 9:45 | Chloride | | 131.4 | mg/L | EPA 300.0 |
| 9/16/2014 9:42 | Chloride | | 159 | mg/L | EPA 300.0 |
| 9/23/2014 9:25 | Chloride | | 173.6 | mg/L | EPA 300.0 |
| 8/26/2014 9:58 | Co | j | 0.283 | ug/L | EPA-200.8 |
| 9/2/2014 9:30 | Co | j | 0.261 | ug/L | EPA-200.8 |
| 9/9/2014 9:45 | Co | j | 0.29 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | Co | j | 0.353 | ug/L | EPA-200.8 |
| 9/23/2014 9:25 | Co | j | 0.71 | ug/L | EPA-200.8 |
| 8/26/2014 9:58 | COD | j | 6.6 | mg/L | EPA 410.4 |
| 9/2/2014 9:30 | COD | | 25.6 | mg/L | EPA 410.4 |
| 9/9/2014 9:45 | COD | | 11.3 | mg/L | EPA 410.4 |
| 9/16/2014 9:42 | COD | j | 6.6 | mg/L | EPA 410.4 |
| 9/23/2014 9:25 | COD | j | 9.2 | mg/L | EPA 410.4 |
| 9/9/2014 9:45 | Cr | j | 0.534 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | Cr | j | 0.965 | ug/L | EPA-200.8 |
| 9/23/2014 9:25 | Cr | j | 0.973 | ug/L | EPA-200.8 |
| 8/26/2014 9:58 | Cu | | 4.156 | ug/L | EPA-200.8 |
| 9/2/2014 9:30 | Cu | | 4.335 | ug/L | EPA-200.8 |
| 9/9/2014 9:45 | Cu | | 4.126 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | Cu | | 6.39 | ug/L | EPA-200.8 |
| 9/23/2014 9:25 | Cu | | 4.96 | ug/L | EPA-200.8 |
| 8/26/2014 9:58 | DRPhos | | 0.045 | mg/L | EPA 365.1 |
| 9/2/2014 9:30 | DRPhos | | 0.033 | mg/L | EPA 365.1 |
| 9/9/2014 9:45 | DRPhos | | 0.046 | mg/L | EPA 365.1 |
| 9/16/2014 9:42 | DRPhos | | 0.073 | mg/L | EPA 365.1 |
| 9/23/2014 9:25 | DRPhos | | 0.032 | mg/L | EPA 365.1 |

| Wiley Creek River Mile 1.00 | | | | | |
|--------------------------------|------------|------|--------|------------|------------------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 8/26/2014 9:58 | E. coli | | 136 | MPN/100 mL | SM 9223 Colilert |
| 9/2/2014 9:30 | E. coli | | 194 | MPN/100 mL | SM 9223 Colilert |
| 9/9/2014 9:45 | E. coli | | 180 | MPN/100 mL | SM 9223 Colilert |
| 9/16/2014 9:42 | E. coli | | 858 | MPN/100 mL | SM 9223 Colilert |
| 9/23/2014 9:25 | E. coli | | 64 | MPN/100 mL | SM 9223 Colilert |
| 8/26/2014 9:58 | Fe | | 286.4 | ug/L | EPA-200.8 |
| 9/2/2014 9:30 | Fe | | 195.6 | ug/L | EPA-200.8 |
| 9/9/2014 9:45 | Fe | | 320.4 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | Fe | | 476.7 | ug/L | EPA-200.8 |
| 9/23/2014 9:25 | Fe | | 948.4 | ug/L | EPA-200.8 |
| 8/26/2014 9:58 | Field Cond | | 891.2 | umhos/cm | SM 2510A |
| 9/2/2014 9:30 | Field Cond | | 984.6 | umhos/cm | SM 2510A |
| 9/9/2014 9:45 | Field Cond | | 714.4 | umhos/cm | SM 2510A |
| 9/16/2014 9:42 | Field Cond | | 712.6 | umhos/cm | SM 2510A |
| 9/23/2014 9:25 | Field Cond | | 714.1 | umhos/cm | SM 2510A |
| 8/26/2014 9:58 | Field DO | | 8.51 | mg/L | SM 4500-0 G |
| 9/2/2014 9:30 | Field DO | | 8.31 | mg/L | SM 4500-0 G |
| 9/9/2014 9:45 | Field DO | | 8.74 | mg/L | SM 4500-0 G |
| 9/16/2014 9:42 | Field DO | | 9.74 | mg/L | SM 4500-0 G |
| 9/23/2014 9:25 | Field DO | | 10.48 | mg/L | SM 4500-0 G |
| 8/26/2014 9:58 | Field Temp | | 20 | C | EPA 170.1 |
| 9/2/2014 9:30 | Field Temp | | 21.4 | C | EPA 170.1 |
| 9/9/2014 9:45 | Field Temp | | 17.6 | C | EPA 170.1 |
| 9/16/2014 9:42 | Field Temp | | 14.2 | C | EPA 170.1 |
| 9/23/2014 9:25 | Field Temp | | 10.8 | C | EPA 170.1 |
| 8/26/2014 9:58 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/2/2014 9:30 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/9/2014 9:45 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/16/2014 9:42 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/23/2014 9:25 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 8/26/2014 9:58 | K | | 5371 | ug/L | EPA-200.8 |
| 9/2/2014 9:30 | K | | 6281 | ug/L | EPA-200.8 |
| 9/9/2014 9:45 | K | | 5094 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | K | | 4944 | ug/L | EPA-200.8 |
| 9/23/2014 9:25 | K | | 5480 | ug/L | EPA-200.8 |
| 8/26/2014 9:58 | Mg | | 13390 | ug/L | EPA-200.8 |
| 9/2/2014 9:30 | Mg | | 16520 | ug/L | EPA-200.8 |
| 9/9/2014 9:45 | Mg | | 12280 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | Mg | | 12110 | ug/L | EPA-200.8 |

| Wiley Creek River Mile 1.00 | | | | | |
|--------------------------------|-----------|------|--------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 9/23/2014 9:25 | Mg | | 16440 | ug/L | EPA-200.8 |
| 8/26/2014 9:58 | Mn | | 13.05 | ug/L | EPA-200.8 |
| 9/2/2014 9:30 | Mn | | 11.78 | ug/L | EPA-200.8 |
| 9/9/2014 9:45 | Mn | | 9.401 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | Mn | | 17.19 | ug/L | EPA-200.8 |
| 9/23/2014 9:25 | Mn | | 55.67 | ug/L | EPA-200.8 |
| 8/26/2014 9:58 | Mo | | 2.789 | ug/L | EPA-200.8 |
| 9/2/2014 9:30 | Mo | | 2.92 | ug/L | EPA-200.8 |
| 9/9/2014 9:45 | Mo | | 2.558 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | Mo | | 2.47 | ug/L | EPA-200.8 |
| 9/23/2014 9:25 | Mo | | 2.323 | ug/L | EPA-200.8 |
| 8/26/2014 9:58 | Na | | 104000 | ug/L | EPA-200.8 |
| 9/2/2014 9:30 | Na | | 121600 | ug/L | EPA-200.8 |
| 9/9/2014 9:45 | Na | | 83880 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | Na | | 103200 | ug/L | EPA-200.8 |
| 9/23/2014 9:25 | Na | | 112200 | ug/L | EPA-200.8 |
| 9/2/2014 9:30 | NH3 | < | 0.003 | mg/L | EPA-350.1 |
| 9/9/2014 9:45 | NH3 | | 0.033 | mg/L | EPA-350.1 |
| 9/16/2014 9:42 | NH3 | < | 0.003 | mg/L | EPA-350.1 |
| 9/23/2014 9:25 | NH3 | < | 0.003 | mg/L | EPA-350.1 |
| 8/26/2014 9:58 | Ni | j | 2.969 | ug/L | EPA-200.8 |
| 9/2/2014 9:30 | Ni | j | 3.229 | ug/L | EPA-200.8 |
| 9/9/2014 9:45 | Ni | j | 2.782 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | Ni | j | 2.666 | ug/L | EPA-200.8 |
| 9/23/2014 9:25 | Ni | j | 3.621 | ug/L | EPA-200.8 |
| 8/26/2014 9:58 | NO3-NO2 | | 2.686 | mg/L | EPA 353.2 |
| 9/2/2014 9:30 | NO3-NO2 | | 5.246 | mg/L | EPA 353.2 |
| 9/9/2014 9:45 | NO3-NO2 | | 1.909 | mg/L | EPA 353.2 |
| 9/16/2014 9:42 | NO3-NO2 | | 3.099 | mg/L | EPA 353.2 |
| 9/23/2014 9:25 | NO3-NO2 | | 4.195 | mg/L | EPA 353.2 |
| 8/26/2014 9:58 | Pb | j | 0.15 | ug/L | EPA-200.8 |
| 9/2/2014 9:30 | Pb | j | 0.1 | ug/L | EPA-200.8 |
| 9/9/2014 9:45 | Pb | j | 0.191 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | Pb | j | 0.419 | ug/L | EPA-200.8 |
| 9/23/2014 9:25 | Pb | | 1.058 | ug/L | EPA-200.8 |
| 8/26/2014 9:58 | pH | | 8.01 | S.U. | |
| 9/2/2014 9:30 | pH | | 7.98 | S.U. | |
| 9/9/2014 9:45 | pH | | 8 | S.U. | |

Wiley Creek
River Mile 1.00

| Sample Date | Parameter | Code | Result | Units | Method |
|----------------|-----------|------|---------|-------|-----------|
| 9/16/2014 9:42 | pH | | 7.95 | S.U. | |
| 9/23/2014 9:25 | pH | | 7.84 | S.U. | |
| 8/26/2014 9:58 | Sb | j | 0.36 | ug/L | EPA-200.8 |
| 9/2/2014 9:30 | Sb | j | 0.371 | ug/L | EPA-200.8 |
| 9/9/2014 9:45 | Sb | j | 0.367 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | Sb | j | 0.406 | ug/L | EPA-200.8 |
| 9/23/2014 9:25 | Sb | j | 0.276 | ug/L | EPA-200.8 |
| 8/26/2014 9:58 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/2/2014 9:30 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/9/2014 9:45 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/23/2014 9:25 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 8/26/2014 9:58 | Sn | < | 0.34 | ug/L | EPA-200.8 |
| 9/2/2014 9:30 | Sn | < | 0.34 | ug/L | EPA-200.8 |
| 9/9/2014 9:45 | Sn | j | 0.631 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | Sn | < | 0.34 | ug/L | EPA-200.8 |
| 9/23/2014 9:25 | Sn | < | 0.34 | ug/L | EPA-200.8 |
| 8/26/2014 9:58 | SO4 | | 56.65 | mg/L | EPA 300.0 |
| 9/2/2014 9:30 | SO4 | | 67.61 | mg/L | EPA 300.0 |
| 9/9/2014 9:45 | SO4 | | 52.74 | mg/L | EPA 300.0 |
| 9/16/2014 9:42 | SO4 | | 48.34 | mg/L | EPA 300.0 |
| 9/23/2014 9:25 | SO4 | | 62.89 | mg/L | EPA 300.0 |
| 8/26/2014 9:58 | Sr | | 292.495 | ug/L | EPA-200.8 |
| 9/2/2014 9:30 | Sr | | 325.087 | ug/L | EPA-200.8 |
| 9/9/2014 9:45 | Sr | | 252.68 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | Sr | | 249.882 | ug/L | EPA-200.8 |
| 9/23/2014 9:25 | Sr | | 305.08 | ug/L | EPA-200.8 |
| 8/26/2014 9:58 | TDS | | 554 | mg/L | SM2540C |
| 9/2/2014 9:30 | TDS | | 566 | mg/L | SM2540C |
| 9/9/2014 9:45 | TDS | | 438 | mg/L | SM2540C |
| 9/16/2014 9:42 | TDS | | 494 | mg/L | SM2540C |
| 9/23/2014 9:25 | TDS | | 556 | mg/L | SM2540C |
| 8/26/2014 9:58 | Ti | j | 1.608 | ug/L | EPA-200.8 |
| 9/2/2014 9:30 | Ti | j | 0.933 | ug/L | EPA-200.8 |
| 9/9/2014 9:45 | Ti | j | 1.883 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | Ti | | 10.01 | ug/L | EPA-200.8 |
| 9/23/2014 9:25 | Ti | | 4.834 | ug/L | EPA-200.8 |
| 8/26/2014 9:58 | TKN | j | 0.459 | mg/L | EPA-351.1 |

| Wiley Creek River Mile 1.00 | | | | | | |
|--------------------------------|-----------|------|--------|-------|-----------|--|
| Sample Date | Parameter | Code | Result | Units | Method | |
| 9/2/2014 9:30 | TKN | j | 0.491 | mg/L | EPA-351.1 | |
| 9/9/2014 9:45 | TKN | | 0.602 | mg/L | EPA-351.1 | |
| 9/16/2014 9:42 | TKN | | 0.7 | mg/L | EPA-351.1 | |
| 9/23/2014 9:25 | TKN | | 0.543 | mg/L | EPA-351.1 | |
| 9/2/2014 9:30 | TI | j | 0.052 | ug/L | EPA-200.8 | |
| 9/9/2014 9:45 | TI | j | 0.127 | ug/L | EPA-200.8 | |
| 9/16/2014 9:42 | TI | j | 0.03 | ug/L | EPA-200.8 | |
| 9/23/2014 9:25 | TI | j | 0.117 | ug/L | EPA-200.8 | |
| 8/26/2014 9:58 | TMET | | 12.5 | ug/L | EPA-200.8 | |
| 9/2/2014 9:30 | TMET | | 14.6 | ug/L | EPA-200.8 | |
| 9/9/2014 9:45 | TMET | | 13.8 | ug/L | EPA-200.8 | |
| 9/16/2014 9:42 | TMET | | 20.7 | ug/L | EPA-200.8 | |
| 9/23/2014 9:25 | TMET | | 16.5 | ug/L | EPA-200.8 | |
| 8/26/2014 9:58 | Total-P | | 0.063 | mg/L | EPA 365.1 | |
| 9/2/2014 9:30 | Total-P | | 0.046 | mg/L | EPA 365.1 | |
| 9/9/2014 9:45 | Total-P | | 0.069 | mg/L | EPA 365.1 | |
| 9/16/2014 9:42 | Total-P | | 0.1 | mg/L | EPA 365.1 | |
| 9/23/2014 9:25 | Total-P | | 0.071 | mg/L | EPA 365.1 | |
| 8/26/2014 9:58 | TS | | 544 | mg/L | SM2540B | |
| 9/2/2014 9:30 | TS | | 598 | mg/L | SM2540B | |
| 9/9/2014 9:45 | TS | | 470 | mg/L | SM2540B | |
| 9/16/2014 9:42 | TS | | 530 | mg/L | SM2540B | |
| 9/23/2014 9:25 | TS | | 584 | mg/L | SM2540B | |
| 8/26/2014 9:58 | TSS | | 3.4 | mg/L | SM2540D | |
| 9/2/2014 9:30 | TSS | | 2 | mg/L | SM2540D | |
| 9/9/2014 9:45 | TSS | | 5.2 | mg/L | SM2540D | |
| 9/16/2014 9:42 | TSS | | 6.4 | mg/L | SM2540D | |
| 9/23/2014 9:25 | TSS | | 2.6 | mg/L | SM2540D | |
| 8/26/2014 9:58 | Turbidity | | 4.19 | NTU | EPA 180.1 | |
| 9/2/2014 9:30 | Turbidity | | 2.33 | NTU | EPA 180.1 | |
| 9/9/2014 9:45 | Turbidity | | 7.06 | NTU | EPA 180.1 | |
| 9/16/2014 9:42 | Turbidity | | 11.2 | NTU | EPA 180.1 | |
| 9/23/2014 9:25 | Turbidity | | 8.03 | NTU | EPA 180.1 | |
| 8/26/2014 9:58 | V | < | 0.38 | ug/L | EPA-200.8 | |
| 9/2/2014 9:30 | V | < | 0.38 | ug/L | EPA-200.8 | |
| 9/9/2014 9:45 | V | < | 0.38 | ug/L | EPA-200.8 | |
| 9/16/2014 9:42 | V | j | 3.078 | ug/L | EPA-200.8 | |
| 9/23/2014 9:25 | V | < | 0.38 | ug/L | EPA-200.8 | |

Wiley Creek
River Mile 1.00

| Sample Date | Parameter | Code | Result | Units | Method |
|----------------|-----------|------|--------|-------|-----------|
| 9/2/2014 9:30 | Zn | j | 6.817 | ug/L | EPA-200.8 |
| 9/9/2014 9:45 | Zn | j | 6.374 | ug/L | EPA-200.8 |
| 9/16/2014 9:42 | Zn | | 10.7 | ug/L | EPA-200.8 |
| 9/23/2014 9:25 | Zn | j | 6.935 | ug/L | EPA-200.8 |

Un-named Tributary

River Mile 0.10

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|------------|------|--------|-----------|-----------|
| 8/26/2014 12:23 | Ag | < | 0.026 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | Ag | j | 0.03 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | Ag | < | 0.026 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | Ag | < | 0.026 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | Al | | 1275 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | Al | | 71.73 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | Al | | 437.6 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | Al | | 1976 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | Al | | 133 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | Alkalinity | | 209.1 | mg/LCaCO3 | EPA-310.2 |
| 9/2/2014 11:10 | Alkalinity | | 212.4 | mg/LCaCO3 | EPA-310.2 |
| 9/9/2014 11:12 | Alkalinity | | 200.5 | mg/LCaCO3 | EPA-310.2 |
| 9/16/2014 11:16 | Alkalinity | | 171.5 | mg/LCaCO3 | EPA-310.2 |
| 9/23/2014 10:30 | Alkalinity | | 200.6 | mg/LCaCO3 | EPA-310.2 |
| 8/26/2014 12:23 | As | | 2.196 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | As | j | 1.172 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | As | j | 1.516 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | As | j | 1.799 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | As | j | 1.087 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | Ba | | 64.65 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | Ba | | 60.66 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | Ba | | 50.69 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | Ba | | 52.13 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | Ba | | 49.25 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | BOD | < | 2 | mg/L | SM 5210 |
| 9/9/2014 11:12 | BOD | < | 2 | mg/L | SM 5210 |
| 9/16/2014 11:16 | BOD | | 2.1 | mg/L | SM 5210 |
| 9/23/2014 10:30 | BOD | < | 2 | mg/L | SM 5210 |
| 8/26/2014 12:23 | Ca | | 91320 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | Ca | | 105900 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | Ca | | 87350 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | Ca | | 71290 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | Ca | | 90310 | ug/L | EPA-200.8 |

Un-named Tributary

River Mile 0.10

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-----------|-----------|
| 8/26/2014 12:23 | CaCO3 | | 305 | mg/LCaCO3 | EPA-200.8 |
| 9/2/2014 11:10 | CaCO3 | | 364 | mg/LCaCO3 | EPA-200.8 |
| 9/9/2014 11:12 | CaCO3 | | 297 | mg/LCaCO3 | EPA-200.8 |
| 9/16/2014 11:16 | CaCO3 | | 242 | mg/LCaCO3 | EPA-200.8 |
| 9/23/2014 10:30 | CaCO3 | | 308 | mg/LCaCO3 | EPA-200.8 |
| 8/26/2014 12:23 | Cd | j | 0.064 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | Cd | j | 0.066 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | Cd | j | 0.056 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | Cd | j | 0.055 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | Cd | j | 0.065 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | Chloride | | 69.58 | mg/L | EPA 300.0 |
| 9/2/2014 11:10 | Chloride | | 85.38 | mg/L | EPA 300.0 |
| 9/9/2014 11:12 | Chloride | | 67.93 | mg/L | EPA 300.0 |
| 9/16/2014 11:16 | Chloride | | 72.82 | mg/L | EPA 300.0 |
| 9/23/2014 10:30 | Chloride | | 80.73 | mg/L | EPA 300.0 |
| 8/26/2014 12:23 | Co | | 1.016 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | Co | j | 0.366 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | Co | j | 0.709 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | Co | j | 0.827 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | Co | j | 0.469 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | COD | j | 9 | mg/L | EPA 410.4 |
| 9/2/2014 11:10 | COD | | 16.2 | mg/L | EPA 410.4 |
| 9/9/2014 11:12 | COD | j | 4.3 | mg/L | EPA 410.4 |
| 9/16/2014 11:16 | COD | | 10.5 | mg/L | EPA 410.4 |
| 9/23/2014 10:30 | COD | j | 7.9 | mg/L | EPA 410.4 |
| 8/26/2014 12:23 | Cr | | 1.357 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | Cr | j | 0.877 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | Cr | | 2.38 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | Cr | j | 0.553 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | Cu | | 4.432 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | Cu | | 2.799 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | Cu | | 3.78 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | Cu | | 4.688 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | Cu | | 3.547 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | DRPhos | | 0.016 | mg/L | EPA 365.1 |
| 9/2/2014 11:10 | DRPhos | | 0.012 | mg/L | EPA 365.1 |
| 9/9/2014 11:12 | DRPhos | | 0.018 | mg/L | EPA 365.1 |
| 9/16/2014 11:16 | DRPhos | | 0.047 | mg/L | EPA 365.1 |
| 9/23/2014 10:30 | DRPhos | j | 0.009 | mg/L | EPA 365.1 |

Un-named Tributary

River Mile 0.10

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|------------|------|--------|------------|------------------|
| 8/26/2014 12:23 | E. coli | | 320 | MPN/100 mL | SM 9223 Colilert |
| 9/2/2014 11:10 | E. coli | | 381 | MPN/100 mL | SM 9223 Colilert |
| 9/9/2014 11:12 | E. coli | | 358 | MPN/100 mL | SM 9223 Colilert |
| 9/16/2014 11:16 | E. coli | | 949 | MPN/100 mL | SM 9223 Colilert |
| 9/23/2014 10:30 | E. coli | | 196 | MPN/100 mL | SM 9223 Colilert |
| 8/26/2014 12:23 | Fe | | 1691 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | Fe | | 376.7 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | Fe | | 1042 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | Fe | | 1720 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | Fe | | 487.6 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | Field Cond | | 550.3 | umhos/cm | SM 2510A |
| 9/2/2014 11:10 | Field Cond | | 879.5 | umhos/cm | SM 2510A |
| 9/9/2014 11:12 | Field Cond | | 718.4 | umhos/cm | SM 2510A |
| 9/16/2014 11:16 | Field Cond | | 572.5 | umhos/cm | SM 2510A |
| 9/23/2014 10:30 | Field Cond | | 609.4 | umhos/cm | SM 2510A |
| 8/26/2014 12:23 | Field DO | | 9.61 | mg/L | SM 4500-0 G |
| 9/2/2014 11:10 | Field DO | | 11.83 | mg/L | SM 4500-0 G |
| 9/9/2014 11:12 | Field DO | | 8.34 | mg/L | SM 4500-0 G |
| 9/16/2014 11:16 | Field DO | | 9.86 | mg/L | SM 4500-0 G |
| 9/23/2014 10:30 | Field DO | | 11.63 | mg/L | SM 4500-0 G |
| 8/26/2014 12:23 | Field Temp | | 22.6 | C | EPA 170.1 |
| 9/2/2014 11:10 | Field Temp | | 21.6 | C | EPA 170.1 |
| 9/9/2014 11:12 | Field Temp | | 18.8 | C | EPA 170.1 |
| 9/16/2014 11:16 | Field Temp | | 14 | C | EPA 170.1 |
| 9/23/2014 10:30 | Field Temp | | 12 | C | EPA 170.1 |
| 8/26/2014 12:23 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/2/2014 11:10 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/9/2014 11:12 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/16/2014 11:16 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/23/2014 10:30 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 8/26/2014 12:23 | K | | 4364 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | K | | 4380 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | K | | 3819 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | K | | 4011 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | K | | 3505 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | Mg | | 18670 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | Mg | | 24170 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | Mg | | 19170 | ug/L | EPA-200.8 |

Un-named Tributary

River Mile 0.10

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 9/16/2014 11:16 | Mg | | 15500 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | Mg | | 20000 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | Mn | | 163.8 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | Mn | | 143.5 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | Mn | | 169.4 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | Mn | | 84.93 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | Mn | | 192.1 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | Mo | | 6.775 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | Mo | | 6.824 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | Mo | | 6.239 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | Mo | | 5.224 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | Mo | | 5.688 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | Na | | 46720 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | Na | | 59720 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | Na | | 47140 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | Na | | 51060 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | Na | | 55370 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | NH3 | j | 0.006 | mg/L | EPA-350.1 |
| 9/2/2014 11:10 | NH3 | < | 0.003 | mg/L | EPA-350.1 |
| 9/9/2014 11:12 | NH3 | | 0.036 | mg/L | EPA-350.1 |
| 9/16/2014 11:16 | NH3 | j | 0.009 | mg/L | EPA-350.1 |
| 9/23/2014 10:30 | NH3 | < | 0.003 | mg/L | EPA-350.1 |
| 8/26/2014 12:23 | Ni | | 4.242 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | Ni | j | 3.055 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | Ni | j | 3.635 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | Ni | j | 3.614 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | Ni | j | 3.068 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | NO3-NO2 | | 0.495 | mg/L | EPA 353.2 |
| 9/2/2014 11:10 | NO3-NO2 | | 0.184 | mg/L | EPA 353.2 |
| 9/9/2014 11:12 | NO3-NO2 | | 0.639 | mg/L | EPA 353.2 |
| 9/16/2014 11:16 | NO3-NO2 | | 1.34 | mg/L | EPA 353.2 |
| 9/23/2014 10:30 | NO3-NO2 | | 1.162 | mg/L | EPA 353.2 |
| 8/26/2014 12:23 | Pb | | 1.57 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | Pb | j | 0.11 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | Pb | j | 0.524 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | Pb | j | 0.683 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | Pb | j | 0.266 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | pH | | 8.28 | S.U. | |

Un-named Tributary

River Mile 0.10

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|---------|-------|-----------|
| 9/2/2014 11:10 | pH | | 8.04 | S.U. | |
| 9/9/2014 11:12 | pH | | 7.88 | S.U. | |
| 9/16/2014 11:16 | pH | | 7.97 | S.U. | |
| 9/23/2014 10:30 | pH | | 8.09 | S.U. | |
| 8/26/2014 12:23 | Sb | j | 0.315 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | Sb | j | 0.271 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | Sb | j | 0.286 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | Sb | j | 0.315 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | Sb | j | 0.225 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | Sn | | 3.003 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | Sn | < | 0.34 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | Sn | j | 0.406 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | Sn | < | 0.34 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | Sn | < | 0.34 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | SO4 | | 103.2 | mg/L | EPA 300.0 |
| 9/2/2014 11:10 | SO4 | | 133.2 | mg/L | EPA 300.0 |
| 9/9/2014 11:12 | SO4 | | 94.63 | mg/L | EPA 300.0 |
| 9/16/2014 11:16 | SO4 | | 64.05 | mg/L | EPA 300.0 |
| 9/23/2014 10:30 | SO4 | | 93.45 | mg/L | EPA 300.0 |
| 8/26/2014 12:23 | Sr | | 274.533 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | Sr | | 311.809 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | Sr | | 255.44 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | Sr | | 226.836 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | Sr | | 259.611 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | TDS | | 536 | mg/L | SM2540C |
| 9/2/2014 11:10 | TDS | | 604 | mg/L | SM2540C |
| 9/9/2014 11:12 | TDS | | 480 | mg/L | SM2540C |
| 9/16/2014 11:16 | TDS | | 434 | mg/L | SM2540C |
| 9/23/2014 10:30 | TDS | | 494 | mg/L | SM2540C |
| 8/26/2014 12:23 | Ti | | 9.026 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | Ti | j | 1.546 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | Ti | | 6.953 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | Ti | | 79.21 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | Ti | | 2.057 | ug/L | EPA-200.8 |

Un-named Tributary

River Mile 0.10

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 8/26/2014 12:23 | TKN | j | 0.45 | mg/L | EPA-351.1 |
| 9/2/2014 11:10 | TKN | j | 0.446 | mg/L | EPA-351.1 |
| 9/9/2014 11:12 | TKN | | 0.506 | mg/L | EPA-351.1 |
| 9/16/2014 11:16 | TKN | | 0.925 | mg/L | EPA-351.1 |
| 9/23/2014 10:30 | TKN | | 0.543 | mg/L | EPA-351.1 |
| 8/26/2014 12:23 | TI | j | 0.082 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | TI | j | 0.072 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | TI | j | 0.337 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | TI | j | 0.071 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | TI | j | 0.201 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | TMET | | 20.3 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | TMET | | 10.8 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | TMET | | 15.9 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | TMET | | 19.1 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | TMET | | 12.1 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | Total-P | | 0.068 | mg/L | EPA 365.1 |
| 9/2/2014 11:10 | Total-P | | 0.03 | mg/L | EPA 365.1 |
| 9/9/2014 11:12 | Total-P | | 0.049 | mg/L | EPA 365.1 |
| 9/16/2014 11:16 | Total-P | | 0.095 | mg/L | EPA 365.1 |
| 9/23/2014 10:30 | Total-P | | 0.034 | mg/L | EPA 365.1 |
| 8/26/2014 12:23 | TS | | 556 | mg/L | SM2540B |
| 9/2/2014 11:10 | TS | | 616 | mg/L | SM2540B |
| 9/9/2014 11:12 | TS | | 500 | mg/L | SM2540B |
| 9/16/2014 11:16 | TS | | 474 | mg/L | SM2540B |
| 9/23/2014 10:30 | TS | | 532 | mg/L | SM2540B |
| 8/26/2014 12:23 | TSS | | 27.5 | mg/L | SM2540D |
| 9/2/2014 11:10 | TSS | | 10.6 | mg/L | SM2540D |
| 9/9/2014 11:12 | TSS | | 9.5 | mg/L | SM2540D |
| 9/16/2014 11:16 | TSS | | 27.8 | mg/L | SM2540D |
| 9/23/2014 10:30 | TSS | | 6 | mg/L | SM2540D |
| 8/26/2014 12:23 | Turbidity | | 43.2 | NTU | EPA 180.1 |
| 9/2/2014 11:10 | Turbidity | | 2.73 | NTU | EPA 180.1 |
| 9/9/2014 11:12 | Turbidity | | 7.2 | NTU | EPA 180.1 |
| 9/16/2014 11:16 | Turbidity | | 51.4 | NTU | EPA 180.1 |
| 9/23/2014 10:30 | Turbidity | | 5.91 | NTU | EPA 180.1 |
| 8/26/2014 12:23 | V | j | 1.725 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | V | < | 0.38 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | V | < | 0.38 | ug/L | EPA-200.8 |

Un-named Tributary

River Mile 0.10

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 9/16/2014 11:16 | V | j | 3.228 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | V | < | 0.38 | ug/L | EPA-200.8 |
| 8/26/2014 12:23 | Zn | | 10.27 | ug/L | EPA-200.8 |
| 9/2/2014 11:10 | Zn | j | 4.643 | ug/L | EPA-200.8 |
| 9/9/2014 11:12 | Zn | j | 7.631 | ug/L | EPA-200.8 |
| 9/16/2014 11:16 | Zn | j | 8.456 | ug/L | EPA-200.8 |
| 9/23/2014 10:30 | Zn | j | 4.901 | ug/L | EPA-200.8 |

Un-named Tributary

River Mile 0.30

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|------------|------|--------|-----------|-----------|
| 8/26/2014 10:40 | Ag | < | 0.026 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | Ag | < | 0.026 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | Ag | < | 0.026 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | Ag | < | 0.026 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | Al | | 80.33 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | Al | | 64.27 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | Al | | 107.6 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | Al | | 183.4 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | Al | | 86.01 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | Alkalinity | | 184 | mg/LCaCO3 | EPA-310.2 |
| 9/2/2014 9:57 | Alkalinity | | 188 | mg/LCaCO3 | EPA-310.2 |
| 9/9/2014 10:11 | Alkalinity | | 162.4 | mg/LCaCO3 | EPA-310.2 |
| 9/16/2014 10:10 | Alkalinity | | 163 | mg/LCaCO3 | EPA-310.2 |
| 9/23/2014 9:45 | Alkalinity | | 165.6 | mg/LCaCO3 | EPA-310.2 |
| 8/26/2014 10:40 | As | | 2.234 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | As | | 2.114 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | As | j | 1.934 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | As | j | 1.979 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | As | j | 1.73 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | Ba | | 38.94 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | Ba | | 38.99 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | Ba | | 32.73 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | Ba | | 29.94 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | Ba | | 29.68 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | BOD | < | 2 | mg/L | SM 5210 |
| 9/9/2014 10:11 | BOD | < | 2 | mg/L | SM 5210 |
| 9/16/2014 10:10 | BOD | | 2.6 | mg/L | SM 5210 |
| 9/23/2014 9:45 | BOD | < | 2 | mg/L | SM 5210 |
| 8/26/2014 10:40 | Ca | | 67200 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | Ca | | 70180 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | Ca | | 57770 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | Ca | | 56080 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | Ca | | 60820 | ug/L | EPA-200.8 |

Un-named Tributary

River Mile 0.30

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-----------|-----------|
| 8/26/2014 10:40 | CaCO3 | | 222 | mg/LCaCO3 | EPA-200.8 |
| 9/2/2014 9:57 | CaCO3 | | 234 | mg/LCaCO3 | EPA-200.8 |
| 9/9/2014 10:11 | CaCO3 | | 191 | mg/LCaCO3 | EPA-200.8 |
| 9/16/2014 10:10 | CaCO3 | | 185 | mg/LCaCO3 | EPA-200.8 |
| 9/23/2014 9:45 | CaCO3 | | 204 | mg/LCaCO3 | EPA-200.8 |
| 8/26/2014 10:40 | Cd | < | 0.054 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | Cd | < | 0.054 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | Cd | < | 0.054 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | Cd | < | 0.054 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | Cd | < | 0.054 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | Chloride | | 144.8 | mg/L | EPA 300.0 |
| 9/2/2014 9:57 | Chloride | | 148.3 | mg/L | EPA 300.0 |
| 9/9/2014 10:11 | Chloride | | 123.2 | mg/L | EPA 300.0 |
| 9/16/2014 10:10 | Chloride | | 81.59 | mg/L | EPA 300.0 |
| 9/23/2014 9:45 | Chloride | | 102.1 | mg/L | EPA 300.0 |
| 8/26/2014 10:40 | Co | j | 0.206 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | Co | j | 0.18 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | Co | j | 0.23 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | Co | j | 0.22 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | Co | j | 0.234 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | COD | | 13.4 | mg/L | EPA 410.4 |
| 9/2/2014 9:57 | COD | | 17 | mg/L | EPA 410.4 |
| 9/9/2014 10:11 | COD | | 10.5 | mg/L | EPA 410.4 |
| 9/16/2014 10:10 | COD | | 15.2 | mg/L | EPA 410.4 |
| 9/23/2014 9:45 | COD | | 12.1 | mg/L | EPA 410.4 |
| 8/26/2014 10:40 | Cr | j | 0.424 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | Cr | j | 0.387 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | Cr | j | 0.527 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | Cr | j | 0.608 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | Cr | j | 0.593 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | Cu | | 5.214 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | Cu | | 4.928 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | Cu | | 5.715 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | Cu | | 5.293 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | Cu | | 4.909 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | DRPhos | | 0.094 | mg/L | EPA 365.1 |
| 9/2/2014 9:57 | DRPhos | | 0.096 | mg/L | EPA 365.1 |
| 9/9/2014 10:11 | DRPhos | | 0.08 | mg/L | EPA 365.1 |
| 9/16/2014 10:10 | DRPhos | | 0.075 | mg/L | EPA 365.1 |

Un-named Tributary

River Mile 0.30

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|------------|------|--------|------------|------------------|
| 9/23/2014 9:45 | DRPhos | | 0.071 | mg/L | EPA 365.1 |
| 8/26/2014 10:40 | E. coli | | 1158 | MPN/100 mL | SM 9223 Colilert |
| 9/2/2014 9:57 | E. coli | | 476 | MPN/100 mL | SM 9223 Colilert |
| 9/9/2014 10:11 | E. coli | | 276 | MPN/100 mL | SM 9223 Colilert |
| 9/16/2014 10:10 | E. coli | | 330 | MPN/100 mL | SM 9223 Colilert |
| 9/23/2014 9:45 | E. coli | | 340 | MPN/100 mL | SM 9223 Colilert |
| 8/26/2014 10:40 | Fe | | 274.4 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | Fe | | 225.8 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | Fe | | 338 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | Fe | | 458.6 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | Fe | | 292.8 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | Field Cond | | 835 | umhos/cm | SM 2510A |
| 9/2/2014 9:57 | Field Cond | | 856.8 | umhos/cm | SM 2510A |
| 9/9/2014 10:11 | Field Cond | | 701.1 | umhos/cm | SM 2510A |
| 9/16/2014 10:10 | Field Cond | | 525.1 | umhos/cm | SM 2510A |
| 9/23/2014 9:45 | Field Cond | | 524.8 | umhos/cm | SM 2510A |
| 8/26/2014 10:40 | Field DO | | 7.8 | mg/L | SM 4500-0 G |
| 9/2/2014 9:57 | Field DO | | 6.66 | mg/L | SM 4500-0 G |
| 9/9/2014 10:11 | Field DO | | 8.14 | mg/L | SM 4500-0 G |
| 9/16/2014 10:10 | Field DO | | 9.35 | mg/L | SM 4500-0 G |
| 9/23/2014 9:45 | Field DO | | 9.85 | mg/L | SM 4500-0 G |
| 8/26/2014 10:40 | Field Temp | | 19.3 | C | EPA 170.1 |
| 9/2/2014 9:57 | Field Temp | | 20 | C | EPA 170.1 |
| 9/9/2014 10:11 | Field Temp | | 17.2 | C | EPA 170.1 |
| 9/16/2014 10:10 | Field Temp | | 14.2 | C | EPA 170.1 |
| 9/23/2014 9:45 | Field Temp | | 10.5 | C | EPA 170.1 |
| 8/26/2014 10:40 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/2/2014 9:57 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/9/2014 10:11 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/16/2014 10:10 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/23/2014 9:45 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 8/26/2014 10:40 | K | | 3942 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | K | | 4214 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | K | | 3882 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | K | | 3500 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | K | | 3616 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | Mg | | 12840 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | Mg | | 14350 | ug/L | EPA-200.8 |

Un-named Tributary

River Mile 0.30

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 9/9/2014 10:11 | Mg | | 11420 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | Mg | | 10930 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | Mg | | 12690 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | Mn | | 28.53 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | Mn | | 32.88 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | Mn | | 29.67 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | Mn | | 28.66 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | Mn | | 31.49 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | Mo | | 4.638 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | Mo | | 5.224 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | Mo | | 3.717 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | Mo | | 3.012 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | Mo | | 3.433 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | Na | | 96230 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | Na | | 103200 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | Na | | 80770 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | Na | | 62480 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | Na | | 76080 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | NH3 | < | 0.003 | mg/L | EPA-350.1 |
| 9/2/2014 9:57 | NH3 | < | 0.003 | mg/L | EPA-350.1 |
| 9/9/2014 10:11 | NH3 | j | 0.012 | mg/L | EPA-350.1 |
| 9/16/2014 10:10 | NH3 | < | 0.003 | mg/L | EPA-350.1 |
| 9/23/2014 9:45 | NH3 | j | 0.013 | mg/L | EPA-350.1 |
| 8/26/2014 10:40 | Ni | j | 1.903 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | Ni | j | 1.909 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | Ni | j | 1.956 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | Ni | j | 1.678 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | Ni | j | 1.777 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | NO3-NO2 | | 0.658 | mg/L | EPA 353.2 |
| 9/2/2014 9:57 | NO3-NO2 | | 0.521 | mg/L | EPA 353.2 |
| 9/9/2014 10:11 | NO3-NO2 | | 0.64 | mg/L | EPA 353.2 |
| 9/16/2014 10:10 | NO3-NO2 | | 0.596 | mg/L | EPA 353.2 |
| 9/23/2014 9:45 | NO3-NO2 | | 0.506 | mg/L | EPA 353.2 |
| 8/26/2014 10:40 | Pb | j | 0.138 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | Pb | j | 0.082 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | Pb | j | 0.206 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | Pb | j | 0.282 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | Pb | j | 0.2 | ug/L | EPA-200.8 |

Un-named Tributary

River Mile 0.30

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|---------|-------|-----------|
| 8/26/2014 10:40 | pH | | 7.95 | S.U. | |
| 9/2/2014 9:57 | pH | | 7.88 | S.U. | |
| 9/9/2014 10:11 | pH | | 7.98 | S.U. | |
| 9/16/2014 10:10 | pH | | 7.98 | S.U. | |
| 9/23/2014 9:45 | pH | | 7.93 | S.U. | |
| 8/26/2014 10:40 | Sb | j | 0.22 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | Sb | j | 0.203 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | Sb | j | 0.225 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | Sb | j | 0.248 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | Sb | j | 0.369 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | Sn | < | 0.34 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | Sn | < | 0.34 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | Sn | < | 0.34 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | Sn | < | 0.34 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | Sn | j | 0.618 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | SO4 | | 40.76 | mg/L | EPA 300.0 |
| 9/2/2014 9:57 | SO4 | | 40.35 | mg/L | EPA 300.0 |
| 9/9/2014 10:11 | SO4 | | 37.31 | mg/L | EPA 300.0 |
| 9/16/2014 10:10 | SO4 | | 33.08 | mg/L | EPA 300.0 |
| 9/23/2014 9:45 | SO4 | | 38.2 | mg/L | EPA 300.0 |
| 8/26/2014 10:40 | Sr | | 252.642 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | Sr | | 262.517 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | Sr | | 221.266 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | Sr | | 207.63 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | Sr | | 217.571 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | TDS | | 518 | mg/L | SM2540C |
| 9/2/2014 9:57 | TDS | | 520 | mg/L | SM2540C |
| 9/9/2014 10:11 | TDS | | 429 | mg/L | SM2540C |
| 9/16/2014 10:10 | TDS | | 368 | mg/L | SM2540C |
| 9/23/2014 9:45 | TDS | | 394 | mg/L | SM2540C |
| 8/26/2014 10:40 | Ti | | 2.458 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | Ti | | 2.002 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | Ti | | 2.46 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | Ti | | 5.024 | ug/L | EPA-200.8 |

Un-named Tributary

River Mile 0.30

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 9/23/2014 9:45 | Ti | | 2.159 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | TKN | | 0.577 | mg/L | EPA-351.1 |
| 9/2/2014 9:57 | TKN | | 0.574 | mg/L | EPA-351.1 |
| 9/9/2014 10:11 | TKN | | 0.663 | mg/L | EPA-351.1 |
| 9/16/2014 10:10 | TKN | | 0.677 | mg/L | EPA-351.1 |
| 9/23/2014 9:45 | TKN | | 0.552 | mg/L | EPA-351.1 |
| 8/26/2014 10:40 | TI | j | 0.031 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | TI | j | 0.035 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | TI | j | 0.059 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | TI | j | 0.018 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | TI | j | 0.057 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | TMET | | 10.7 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | TMET | | 13.1 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | TMET | | 14.2 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | TMET | | 13.2 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | TMET | < | 10 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | Total-P | | 0.122 | mg/L | EPA 365.1 |
| 9/2/2014 9:57 | Total-P | | 0.128 | mg/L | EPA 365.1 |
| 9/9/2014 10:11 | Total-P | | 0.112 | mg/L | EPA 365.1 |
| 9/16/2014 10:10 | Total-P | | 0.115 | mg/L | EPA 365.1 |
| 9/23/2014 9:45 | Total-P | | 0.102 | mg/L | EPA 365.1 |
| 8/26/2014 10:40 | TS | | 518 | mg/L | SM2540B |
| 9/2/2014 9:57 | TS | | 542 | mg/L | SM2540B |
| 9/9/2014 10:11 | TS | | 435 | mg/L | SM2540B |
| 9/16/2014 10:10 | TS | | 388 | mg/L | SM2540B |
| 9/23/2014 9:45 | TS | | 424 | mg/L | SM2540B |
| 8/26/2014 10:40 | TSS | | 1.8 | mg/L | SM2540D |
| 9/2/2014 9:57 | TSS | | 8.1 | mg/L | SM2540D |
| 9/9/2014 10:11 | TSS | | 4.9 | mg/L | SM2540D |
| 9/16/2014 10:10 | TSS | | 3.6 | mg/L | SM2540D |
| 9/23/2014 9:45 | TSS | | 1.9 | mg/L | SM2540D |
| 8/26/2014 10:40 | Turbidity | | 3.62 | NTU | EPA 180.1 |
| 9/2/2014 9:57 | Turbidity | | 3.91 | NTU | EPA 180.1 |
| 9/9/2014 10:11 | Turbidity | | 4.54 | NTU | EPA 180.1 |
| 9/16/2014 10:10 | Turbidity | | 7.84 | NTU | EPA 180.1 |
| 9/23/2014 9:45 | Turbidity | | 9.14 | NTU | EPA 180.1 |
| 8/26/2014 10:40 | V | < | 0.38 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | V | < | 0.38 | ug/L | EPA-200.8 |

Un-named Tributary

River Mile 0.30

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 9/9/2014 10:11 | V | < | 0.38 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | V | < | 0.38 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | V | < | 0.38 | ug/L | EPA-200.8 |
| 8/26/2014 10:40 | Zn | j | 3.222 | ug/L | EPA-200.8 |
| 9/2/2014 9:57 | Zn | j | 5.909 | ug/L | EPA-200.8 |
| 9/9/2014 10:11 | Zn | j | 5.966 | ug/L | EPA-200.8 |
| 9/16/2014 10:10 | Zn | j | 5.634 | ug/L | EPA-200.8 |
| 9/23/2014 9:45 | Zn | j | 2.023 | ug/L | EPA-200.8 |

Pepper-Luce Creek

River Mile 3.30

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|------------|------|--------|-----------|-----------|
| 8/26/2014 11:05 | Ag | < | 0.026 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | Ag | < | 0.026 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | Ag | < | 0.026 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | Ag | < | 0.026 | ug/L | EPA-200.8 |
| 8/26/2014 11:05 | Al | | 122.25 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | Al | | 113.8 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | Al | | 115.5 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | Al | | 791.3 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | Al | | 74.97 | ug/L | EPA-200.8 |
| 8/26/2014 11:05 | Alkalinity | | 185.1 | mg/LCaCO3 | EPA-310.2 |
| 9/2/2014 10:15 | Alkalinity | | 152.9 | mg/LCaCO3 | EPA-310.2 |
| 9/9/2014 10:34 | Alkalinity | | 155.4 | mg/LCaCO3 | EPA-310.2 |
| 9/16/2014 10:35 | Alkalinity | | 118.5 | mg/LCaCO3 | EPA-310.2 |
| 9/23/2014 10:00 | Alkalinity | | 168.9 | mg/LCaCO3 | EPA-310.2 |
| 8/26/2014 11:05 | As | | 2.5095 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | As | | 2.449 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | As | | 2.638 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | As | | 2.534 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | As | j | 1.4 | ug/L | EPA-200.8 |
| 8/26/2014 11:05 | Ba | | 51.4 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | Ba | | 45.64 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | Ba | | 43.34 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | Ba | | 36.17 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | Ba | | 47.74 | ug/L | EPA-200.8 |
| 8/26/2014 11:05 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 8/26/2014 11:05 | BOD | < | 2 | mg/L | SM 5210 |
| 9/9/2014 10:34 | BOD | < | 2 | mg/L | SM 5210 |
| 9/16/2014 10:35 | BOD | | 3 | mg/L | SM 5210 |
| 9/23/2014 10:00 | BOD | < | 2 | mg/L | SM 5210 |
| 8/26/2014 11:05 | Ca | | 67850 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | Ca | | 63650 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | Ca | | 58620 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | Ca | | 44800 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | Ca | | 68440 | ug/L | EPA-200.8 |

Pepper-Luce Creek

River Mile 3.30

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-----------|-----------|
| 8/26/2014 11:05 | CaCO3 | | 230.5 | mg/LCaCO3 | EPA-200.8 |
| 9/2/2014 10:15 | CaCO3 | | 222 | mg/LCaCO3 | EPA-200.8 |
| 9/9/2014 10:34 | CaCO3 | | 200 | mg/LCaCO3 | EPA-200.8 |
| 9/16/2014 10:35 | CaCO3 | | 150 | mg/LCaCO3 | EPA-200.8 |
| 9/23/2014 10:00 | CaCO3 | | 237 | mg/LCaCO3 | EPA-200.8 |
| 8/26/2014 11:05 | Cd | < | 0.054 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | Cd | j | 0.054 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | Cd | < | 0.054 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | Cd | < | 0.054 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | Cd | < | 0.054 | ug/L | EPA-200.8 |
| 8/26/2014 11:05 | Chloride | | 196.9 | mg/L | EPA 300.0 |
| 9/2/2014 10:15 | Chloride | | 188.1 | mg/L | EPA 300.0 |
| 9/9/2014 10:34 | Chloride | | 189.8 | mg/L | EPA 300.0 |
| 9/16/2014 10:35 | Chloride | | 143.5 | mg/L | EPA 300.0 |
| 9/23/2014 10:00 | Chloride | | 218.8 | mg/L | EPA 300.0 |
| 8/26/2014 11:05 | Co | j | 0.288 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | Co | j | 0.262 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | Co | j | 0.25 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | Co | j | 0.485 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | Co | j | 0.23 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | COD | | 14.7 | mg/L | EPA 410.4 |
| 9/9/2014 10:34 | COD | | 13.4 | mg/L | EPA 410.4 |
| 9/16/2014 10:35 | COD | | 16.8 | mg/L | EPA 410.4 |
| 9/23/2014 10:00 | COD | | 12.9 | mg/L | EPA 410.4 |
| 8/26/2014 11:05 | Cr | j | 0.4745 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | Cr | j | 0.441 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | Cr | j | 0.58 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | Cr | | 1.732 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | Cr | j | 0.626 | ug/L | EPA-200.8 |
| 8/26/2014 11:05 | Cu | | 4.18 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | Cu | | 3.509 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | Cu | | 5.235 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | Cu | | 5.678 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | Cu | | 4.465 | ug/L | EPA-200.8 |
| 8/26/2014 11:05 | DRPhos | | 0.044 | mg/L | EPA 365.1 |
| 9/2/2014 10:15 | DRPhos | | 0.062 | mg/L | EPA 365.1 |
| 9/9/2014 10:34 | DRPhos | | 0.066 | mg/L | EPA 365.1 |
| 9/16/2014 10:35 | DRPhos | | 0.072 | mg/L | EPA 365.1 |
| 9/23/2014 10:00 | DRPhos | | 0.045 | mg/L | EPA 365.1 |

Pepper-Luce Creek

River Mile 3.30

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|------------|------|--------|------------|------------------|
| 8/26/2014 11:05 | E. coli | | 174 | MPN/100 mL | SM 9223 Colilert |
| 9/2/2014 10:15 | E. coli | | 204 | MPN/100 mL | SM 9223 Colilert |
| 9/9/2014 10:34 | E. coli | | 388 | MPN/100 mL | SM 9223 Colilert |
| 9/16/2014 10:35 | E. coli | | 3292 | MPN/100 mL | SM 9223 Colilert |
| 9/23/2014 10:00 | E. coli | | 579 | MPN/100 mL | SM 9223 Colilert |
| 8/26/2014 11:05 | Fe | | 388.65 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | Fe | | 345.3 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | Fe | | 414 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | Fe | | 1096 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | Fe | | 339.9 | ug/L | EPA-200.8 |
| 8/26/2014 11:05 | Field Cond | | 1066 | umhos/cm | SM 2510A |
| 9/2/2014 10:15 | Field Cond | | 998.9 | umhos/cm | SM 2510A |
| 9/9/2014 10:34 | Field Cond | | 939.3 | umhos/cm | SM 2510A |
| 9/16/2014 10:35 | Field Cond | | 656.7 | umhos/cm | SM 2510A |
| 9/23/2014 10:00 | Field Cond | | 851.6 | umhos/cm | SM 2510A |
| 8/26/2014 11:05 | Field DO | | 8.38 | mg/L | SM 4500-0 G |
| 9/2/2014 10:15 | Field DO | | 7.55 | mg/L | SM 4500-0 G |
| 9/9/2014 10:34 | Field DO | | 8.35 | mg/L | SM 4500-0 G |
| 9/16/2014 10:35 | Field DO | | 9.15 | mg/L | SM 4500-0 G |
| 9/23/2014 10:00 | Field DO | | 9.33 | mg/L | SM 4500-0 G |
| 8/26/2014 11:05 | Field Temp | | 21.6 | C | EPA 170.1 |
| 9/2/2014 10:15 | Field Temp | | 22.8 | C | EPA 170.1 |
| 9/9/2014 10:34 | Field Temp | | 18.7 | C | EPA 170.1 |
| 9/16/2014 10:35 | Field Temp | | 14.9 | C | EPA 170.1 |
| 9/23/2014 10:00 | Field Temp | | 12.4 | C | EPA 170.1 |
| 8/26/2014 11:05 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/2/2014 10:15 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/9/2014 10:34 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/16/2014 10:35 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/23/2014 10:00 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 8/26/2014 11:05 | K | | 4066 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | K | | 3714 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | K | | 3908 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | K | | 3585 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | K | | 3946 | ug/L | EPA-200.8 |
| 8/26/2014 11:05 | Mg | | 14910 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | Mg | | 15220 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | Mg | | 12910 | ug/L | EPA-200.8 |

Pepper-Luce Creek

River Mile 3.30

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 9/16/2014 10:35 | Mg | | 9374 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | Mg | | 16060 | ug/L | EPA-200.8 |
| 8/26/2014 11:05 | Mn | | 60.795 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | Mn | | 57.69 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | Mn | | 41.88 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | Mn | | 58.52 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | Mn | | 42.89 | ug/L | EPA-200.8 |
| 8/26/2014 11:05 | Mo | | 4.6435 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | Mo | | 4.973 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | Mo | | 4.124 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | Mo | | 2.993 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | Mo | | 3.752 | ug/L | EPA-200.8 |
| 8/26/2014 11:05 | Na | | 136850 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | Na | | 132700 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | Na | | 125400 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | Na | | 98200 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | Na | | 147000 | ug/L | EPA-200.8 |
| 8/26/2014 11:05 | NH3 | < | 0.003 | mg/L | EPA-350.1 |
| 9/2/2014 10:15 | NH3 | j | 0.012 | mg/L | EPA-350.1 |
| 9/9/2014 10:34 | NH3 | | 0.024 | mg/L | EPA-350.1 |
| 9/16/2014 10:35 | NH3 | | 0.049 | mg/L | EPA-350.1 |
| 9/23/2014 10:00 | NH3 | < | 0.003 | mg/L | EPA-350.1 |
| 8/26/2014 11:05 | Ni | j | 2.006 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | Ni | j | 1.875 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | Ni | j | 1.952 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | Ni | j | 2.257 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | Ni | j | 1.805 | ug/L | EPA-200.8 |
| 8/26/2014 11:05 | NO3-NO2 | | 0.5285 | mg/L | EPA 353.2 |
| 9/2/2014 10:15 | NO3-NO2 | | 0.437 | mg/L | EPA 353.2 |
| 9/9/2014 10:34 | NO3-NO2 | | 0.819 | mg/L | EPA 353.2 |
| 9/16/2014 10:35 | NO3-NO2 | | 0.869 | mg/L | EPA 353.2 |
| 9/23/2014 10:00 | NO3-NO2 | | 0.858 | mg/L | EPA 353.2 |
| 8/26/2014 11:05 | Pb | j | 0.3015 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | Pb | j | 0.263 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | Pb | j | 0.392 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | Pb | | 1.072 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | Pb | j | 0.277 | ug/L | EPA-200.8 |
| 8/26/2014 11:05 | pH | | 8.03 | S.U. | |

Pepper-Luce Creek

River Mile 3.30

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|----------|-------|-----------|
| 9/2/2014 10:15 | pH | | 7.88 | S.U. | |
| 9/9/2014 10:34 | pH | | 7.91 | S.U. | |
| 9/16/2014 10:35 | pH | | 7.82 | S.U. | |
| 9/23/2014 10:00 | pH | | 7.84 | S.U. | |
| 8/26/2014 11:05 | Sb | j | 0.46 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | Sb | j | 0.309 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | Sb | j | 0.364 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | Sb | j | 0.389 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | Sb | j | 0.306 | ug/L | EPA-200.8 |
| 8/26/2014 11:05 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 8/26/2014 11:05 | Sn | < | 0.34 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | Sn | < | 0.34 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | Sn | j | 0.425 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | Sn | < | 0.34 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | Sn | < | 0.34 | ug/L | EPA-200.8 |
| 8/26/2014 11:05 | SO4 | | 50.63 | mg/L | EPA 300.0 |
| 9/2/2014 10:15 | SO4 | | 51.45 | mg/L | EPA 300.0 |
| 9/9/2014 10:34 | SO4 | | 49.73 | mg/L | EPA 300.0 |
| 9/16/2014 10:35 | SO4 | | 38.32 | mg/L | EPA 300.0 |
| 9/23/2014 10:00 | SO4 | | 54.42 | mg/L | EPA 300.0 |
| 8/26/2014 11:05 | Sr | | 326.6735 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | Sr | | 326.222 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | Sr | | 286.842 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | Sr | | 223.807 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | Sr | | 329.883 | ug/L | EPA-200.8 |
| 8/26/2014 11:05 | TDS | | 608 | mg/L | SM2540C |
| 9/2/2014 10:15 | TDS | | 560 | mg/L | SM2540C |
| 9/9/2014 10:34 | TDS | | 532 | mg/L | SM2540C |
| 9/16/2014 10:35 | TDS | | 434 | mg/L | SM2540C |
| 9/23/2014 10:00 | TDS | | 624 | mg/L | SM2540C |
| 9/2/2014 10:15 | Ti | | 2.936 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | Ti | | 2.307 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | Ti | | 21.95 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | Ti | j | 1.777 | ug/L | EPA-200.8 |

Pepper-Luce Creek

River Mile 3.30

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 8/26/2014 11:05 | TKN | | 0.633 | mg/L | EPA-351.1 |
| 9/2/2014 10:15 | TKN | | 0.537 | mg/L | EPA-351.1 |
| 9/9/2014 10:34 | TKN | | 0.737 | mg/L | EPA-351.1 |
| 9/16/2014 10:35 | TKN | | 0.859 | mg/L | EPA-351.1 |
| 9/23/2014 10:00 | TKN | | 0.725 | mg/L | EPA-351.1 |
| 9/2/2014 10:15 | TI | j | 0.029 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | TI | j | 0.072 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | TI | j | 0.028 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | TI | j | 0.08 | ug/L | EPA-200.8 |
| 8/26/2014 11:05 | TMET | | 12.4 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | TMET | | 10.9 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | TMET | | 17.6 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | TMET | | 19.5 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | TMET | < | 10 | ug/L | EPA-200.8 |
| 8/26/2014 11:05 | Total-P | | 0.0825 | mg/L | EPA 365.1 |
| 9/2/2014 10:15 | Total-P | | 0.098 | mg/L | EPA 365.1 |
| 9/9/2014 10:34 | Total-P | | 0.109 | mg/L | EPA 365.1 |
| 9/16/2014 10:35 | Total-P | | 0.128 | mg/L | EPA 365.1 |
| 9/23/2014 10:00 | Total-P | | 0.083 | mg/L | EPA 365.1 |
| 8/26/2014 11:05 | TS | | 612 | mg/L | SM2540B |
| 9/2/2014 10:15 | TS | | 568 | mg/L | SM2540B |
| 9/9/2014 10:34 | TS | | 552 | mg/L | SM2540B |
| 9/16/2014 10:35 | TS | | 466 | mg/L | SM2540B |
| 9/23/2014 10:00 | TS | | 652 | mg/L | SM2540B |
| 8/26/2014 11:05 | TSS | | 6.95 | mg/L | SM2540D |
| 9/2/2014 10:15 | TSS | | 4.5 | mg/L | SM2540D |
| 9/9/2014 10:34 | TSS | | 4.7 | mg/L | SM2540D |
| 9/16/2014 10:35 | TSS | | 18.1 | mg/L | SM2540D |
| 9/23/2014 10:00 | TSS | | 5.1 | mg/L | SM2540D |
| 8/26/2014 11:05 | Turbidity | | 5.135 | NTU | EPA 180.1 |
| 9/2/2014 10:15 | Turbidity | | 5.94 | NTU | EPA 180.1 |
| 9/9/2014 10:34 | Turbidity | | 6.88 | NTU | EPA 180.1 |
| 9/16/2014 10:35 | Turbidity | | 23.3 | NTU | EPA 180.1 |
| 9/23/2014 10:00 | Turbidity | | 5.89 | NTU | EPA 180.1 |
| 8/26/2014 11:05 | V | j | 0.462 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | V | < | 0.38 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | V | j | 0.567 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | V | j | 3.458 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | V | < | 0.38 | ug/L | EPA-200.8 |

Pepper-Luce Creek

River Mile 3.30

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 8/26/2014 11:05 | Zn | j | 5.7195 | ug/L | EPA-200.8 |
| 9/2/2014 10:15 | Zn | j | 5.069 | ug/L | EPA-200.8 |
| 9/9/2014 10:34 | Zn | j | 9.847 | ug/L | EPA-200.8 |
| 9/16/2014 10:35 | Zn | j | 9.876 | ug/L | EPA-200.8 |
| 9/23/2014 10:00 | Zn | < | 1.42 | ug/L | EPA-200.8 |

| Chagrin River River Mile 22.60 | | | | | |
|-----------------------------------|------------|------|--------|-----------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 8/26/2014 11:35 | Ag | < | 0.026 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | Ag | < | 0.026 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | Ag | < | 0.026 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | Ag | j | 0.073 | ug/L | EPA-200.8 |
| 8/26/2014 11:35 | Al | | 95.07 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | Al | | 68.315 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | Al | | 98.84 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | Al | | 434.4 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | Al | | 38.06 | ug/L | EPA-200.8 |
| 8/26/2014 11:35 | Alkalinity | | 134.9 | mg/LCaCO3 | EPA-310.2 |
| 9/2/2014 10:45 | Alkalinity | | 142.8 | mg/LCaCO3 | EPA-310.2 |
| 9/9/2014 10:53 | Alkalinity | | 132.1 | mg/LCaCO3 | EPA-310.2 |
| 9/16/2014 11:05 | Alkalinity | | 129.4 | mg/LCaCO3 | EPA-310.2 |
| 9/23/2014 10:15 | Alkalinity | | 147.5 | mg/LCaCO3 | EPA-310.2 |
| 8/26/2014 11:35 | As | j | 1.802 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | As | j | 1.5825 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | As | j | 1.368 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | As | j | 1.82 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | As | j | 1.19 | ug/L | EPA-200.8 |
| 8/26/2014 11:35 | Ba | | 41.48 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | Ba | | 46.635 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | Ba | | 39.28 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | Ba | | 40.66 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | Ba | | 43.14 | ug/L | EPA-200.8 |
| 8/26/2014 11:35 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | Be | < | 0.11 | ug/L | EPA-200.8 |
| 8/26/2014 11:35 | BOD | < | 2 | mg/L | SM 5210 |
| 9/9/2014 10:53 | BOD | < | 2 | mg/L | SM 5210 |
| 9/16/2014 11:05 | BOD | | 3 | mg/L | SM 5210 |
| 9/23/2014 10:15 | BOD | < | 2 | mg/L | SM 5210 |
| 8/26/2014 11:35 | Ca | | 49880 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | Ca | | 58590 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | Ca | | 47260 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | Ca | | 47870 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | Ca | | 58190 | ug/L | EPA-200.8 |

| Chagrin River River Mile 22.60 | | | | | |
|-----------------------------------|-----------|------|--------|-----------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 8/26/2014 11:35 | CaCO3 | | 171 | mg/LCaCO3 | EPA-200.8 |
| 9/2/2014 10:45 | CaCO3 | | 206 | mg/LCaCO3 | EPA-200.8 |
| 9/9/2014 10:53 | CaCO3 | | 158 | mg/LCaCO3 | EPA-200.8 |
| 9/16/2014 11:05 | CaCO3 | | 163 | mg/LCaCO3 | EPA-200.8 |
| 9/23/2014 10:15 | CaCO3 | | 204 | mg/LCaCO3 | EPA-200.8 |
| 8/26/2014 11:35 | Cd | < | 0.054 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | Cd | < | 0.054 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | Cd | < | 0.054 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | Cd | < | 0.054 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | Cd | j | 0.078 | ug/L | EPA-200.8 |
| 8/26/2014 11:35 | Chloride | | 73.07 | mg/L | EPA 300.0 |
| 9/2/2014 10:45 | Chloride | | 89.825 | mg/L | EPA 300.0 |
| 9/9/2014 10:53 | Chloride | | 67.86 | mg/L | EPA 300.0 |
| 9/16/2014 11:05 | Chloride | | 86.07 | mg/L | EPA 300.0 |
| 9/23/2014 10:15 | Chloride | | 85.8 | mg/L | EPA 300.0 |
| 8/26/2014 11:35 | Co | j | 0.254 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | Co | j | 0.244 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | Co | j | 0.276 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | Co | j | 0.4 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | Co | j | 0.292 | ug/L | EPA-200.8 |
| 8/26/2014 11:35 | COD | j | 8.2 | mg/L | EPA 410.4 |
| 9/2/2014 10:45 | COD | | 12.9 | mg/L | EPA 410.4 |
| 9/9/2014 10:53 | COD | | 13.4 | mg/L | EPA 410.4 |
| 9/16/2014 11:05 | COD | | 14.4 | mg/L | EPA 410.4 |
| 9/23/2014 10:15 | COD | j | 7.1 | mg/L | EPA 410.4 |
| 8/26/2014 11:35 | Cr | j | 0.401 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | Cr | j | 0.39 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | Cr | j | 0.493 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | Cr | j | 0.868 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | Cr | j | 0.482 | ug/L | EPA-200.8 |
| 8/26/2014 11:35 | Cu | | 2.465 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | Cu | | 3.1485 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | Cu | | 2.68 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | Cu | | 3.17 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | Cu | | 2.416 | ug/L | EPA-200.8 |
| 8/26/2014 11:35 | DRPhos | | 0.02 | mg/L | EPA 365.1 |
| 9/2/2014 10:45 | DRPhos | j | 0.008 | mg/L | EPA 365.1 |
| 9/9/2014 10:53 | DRPhos | | 0.017 | mg/L | EPA 365.1 |
| 9/16/2014 11:05 | DRPhos | | 0.026 | mg/L | EPA 365.1 |

| Chagrin River River Mile 22.60 | | | | | |
|-----------------------------------|------------|------|--------|------------|------------------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 9/23/2014 10:15 | DRPhos | j | 0.004 | mg/L | EPA 365.1 |
| 8/26/2014 11:35 | E. coli | | 92 | MPN/100 mL | SM 9223 Colilert |
| 9/2/2014 10:45 | E. coli | | 109.5 | MPN/100 mL | SM 9223 Colilert |
| 9/9/2014 10:53 | E. coli | | 426 | MPN/100 mL | SM 9223 Colilert |
| 9/16/2014 11:05 | E. coli | | 856 | MPN/100 mL | SM 9223 Colilert |
| 9/23/2014 10:15 | E. coli | | 140 | MPN/100 mL | SM 9223 Colilert |
| 8/26/2014 11:35 | Fe | | 444.8 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | Fe | | 330.45 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | Fe | | 510.2 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | Fe | | 956 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | Fe | | 377.2 | ug/L | EPA-200.8 |
| 8/26/2014 11:35 | Field Cond | | 551.3 | umhos/cm | SM 2510A |
| 9/2/2014 10:45 | Field Cond | | 641.1 | umhos/cm | SM 2510A |
| 9/9/2014 10:53 | Field Cond | | 500 | umhos/cm | SM 2510A |
| 9/16/2014 11:05 | Field Cond | | 540 | umhos/cm | SM 2510A |
| 9/23/2014 10:15 | Field Cond | | 498 | umhos/cm | SM 2510A |
| 8/26/2014 11:35 | Field DO | | 9.61 | mg/L | SM 4500-0 G |
| 9/2/2014 10:45 | Field DO | | 10.52 | mg/L | SM 4500-0 G |
| 9/9/2014 10:53 | Field DO | | 9.71 | mg/L | SM 4500-0 G |
| 9/16/2014 11:05 | Field DO | | 10.15 | mg/L | SM 4500-0 G |
| 9/23/2014 10:15 | Field DO | | 11.7 | mg/L | SM 4500-0 G |
| 8/26/2014 11:35 | Field Temp | | 22.6 | C | EPA 170.1 |
| 9/2/2014 10:45 | Field Temp | | 22.9 | C | EPA 170.1 |
| 9/9/2014 10:53 | Field Temp | | 19.2 | C | EPA 170.1 |
| 9/16/2014 11:05 | Field Temp | | 15.1 | C | EPA 170.1 |
| 9/23/2014 10:15 | Field Temp | | 12.8 | C | EPA 170.1 |
| 8/26/2014 11:35 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/2/2014 10:45 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/9/2014 10:53 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/16/2014 11:05 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 9/23/2014 10:15 | Hg | < | 0.01 | ug/L | EPA 245.1 |
| 8/26/2014 11:35 | K | | 2946 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | K | | 3429 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | K | | 3230 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | K | | 3166 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | K | | 3228 | ug/L | EPA-200.8 |
| 8/26/2014 11:35 | Mg | | 11280 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | Mg | | 14570 | ug/L | EPA-200.8 |

| Chagrin River River Mile 22.60 | | | | | |
|-----------------------------------|-----------|------|--------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 9/9/2014 10:53 | Mg | | 10200 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | Mg | | 10660 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | Mg | | 14330 | ug/L | EPA-200.8 |
| 8/26/2014 11:35 | Mn | | 37.97 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | Mn | | 29.765 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | Mn | | 38.34 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | Mn | | 41.4 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | Mn | | 31.79 | ug/L | EPA-200.8 |
| 8/26/2014 11:35 | Mo | | 1.827 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | Mo | | 2.1395 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | Mo | | 1.55 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | Mo | | 1.857 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | Mo | | 2.097 | ug/L | EPA-200.8 |
| 8/26/2014 11:35 | Na | | 46140 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | Na | | 65580 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | Na | | 42350 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | Na | | 54820 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | Na | | 60340 | ug/L | EPA-200.8 |
| 8/26/2014 11:35 | NH3 | < | 0.003 | mg/L | EPA-350.1 |
| 9/2/2014 10:45 | NH3 | < | 0.003 | mg/L | EPA-350.1 |
| 9/9/2014 10:53 | NH3 | | 0.088 | mg/L | EPA-350.1 |
| 9/16/2014 11:05 | NH3 | j | 0.008 | mg/L | EPA-350.1 |
| 9/23/2014 10:15 | NH3 | < | 0.003 | mg/L | EPA-350.1 |
| 8/26/2014 11:35 | Ni | j | 1.706 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | Ni | j | 1.779 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | Ni | j | 1.814 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | Ni | j | 2.105 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | Ni | j | 2.5 | ug/L | EPA-200.8 |
| 8/26/2014 11:35 | NO3-NO2 | | 0.442 | mg/L | EPA 353.2 |
| 9/2/2014 10:45 | NO3-NO2 | | 0.439 | mg/L | EPA 353.2 |
| 9/9/2014 10:53 | NO3-NO2 | | 0.617 | mg/L | EPA 353.2 |
| 9/16/2014 11:05 | NO3-NO2 | | 0.937 | mg/L | EPA 353.2 |
| 9/23/2014 10:15 | NO3-NO2 | | 0.521 | mg/L | EPA 353.2 |
| 8/26/2014 11:35 | Pb | j | 0.254 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | Pb | j | 0.199 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | Pb | j | 0.292 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | Pb | j | 0.7 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | Pb | j | 0.275 | ug/L | EPA-200.8 |

| Chagrin River River Mile 22.60 | | | | | |
|-----------------------------------|-----------|------|----------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 8/26/2014 11:35 | pH | | 8.28 | S.U. | |
| 9/2/2014 10:45 | pH | | 8.41 | S.U. | |
| 9/9/2014 10:53 | pH | | 8.26 | S.U. | |
| 9/16/2014 11:05 | pH | | 8.08 | S.U. | |
| 9/23/2014 10:15 | pH | | 8.29 | S.U. | |
| 8/26/2014 11:35 | Sb | j | 0.205 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | Sb | j | 0.254 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | Sb | j | 0.237 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | Sb | j | 0.302 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | Sb | j | 0.244 | ug/L | EPA-200.8 |
| 8/26/2014 11:35 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | Se | < | 1.26 | ug/L | EPA-200.8 |
| 8/26/2014 11:35 | Sn | < | 0.34 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | Sn | < | 0.34 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | Sn | j | 0.398 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | Sn | < | 0.34 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | Sn | < | 0.34 | ug/L | EPA-200.8 |
| 8/26/2014 11:35 | SO4 | | 31.78 | mg/L | EPA 300.0 |
| 9/2/2014 10:45 | SO4 | | 37.13 | mg/L | EPA 300.0 |
| 9/9/2014 10:53 | SO4 | | 30.19 | mg/L | EPA 300.0 |
| 9/16/2014 11:05 | SO4 | | 33.17 | mg/L | EPA 300.0 |
| 9/23/2014 10:15 | SO4 | | 39.06 | mg/L | EPA 300.0 |
| 8/26/2014 11:35 | Sr | | 169.06 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | Sr | | 206.1675 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | Sr | | 163.778 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | Sr | | 174.15 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | Sr | | 199.37 | ug/L | EPA-200.8 |
| 8/26/2014 11:35 | TDS | | 338 | mg/L | SM2540C |
| 9/2/2014 10:45 | TDS | | 368 | mg/L | SM2540C |
| 9/9/2014 10:53 | TDS | | 294 | mg/L | SM2540C |
| 9/16/2014 11:05 | TDS | | 346 | mg/L | SM2540C |
| 9/23/2014 10:15 | TDS | | 368 | mg/L | SM2540C |
| 8/26/2014 11:35 | Ti | j | 1.873 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | Ti | | 2.044 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | Ti | | 17.24 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | Ti | j | 0.889 | ug/L | EPA-200.8 |

| Chagrin River River Mile 22.60 | | | | | |
|-----------------------------------|-----------|------|--------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 8/26/2014 11:35 | TKN | | 0.525 | mg/L | EPA-351.1 |
| 9/2/2014 10:45 | TKN | j | 0.474 | mg/L | EPA-351.1 |
| 9/9/2014 10:53 | TKN | j | 0.488 | mg/L | EPA-351.1 |
| 9/16/2014 11:05 | TKN | | 0.769 | mg/L | EPA-351.1 |
| 9/23/2014 10:15 | TKN | j | 0.428 | mg/L | EPA-351.1 |
| 8/26/2014 11:35 | TI | j | 0.024 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | TI | j | 0.038 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | TI | j | 0.03 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | TI | j | 0.025 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | TI | j | 0.625 | ug/L | EPA-200.8 |
| 8/26/2014 11:35 | TMET | < | 10 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | TMET | < | 10.15 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | TMET | | 12.4 | ug/L | EPA-200.8 |
| 9/16/2014 11:05 | TMET | | 13.9 | ug/L | EPA-200.8 |
| 9/23/2014 10:15 | TMET | < | 10 | ug/L | EPA-200.8 |
| 8/26/2014 11:35 | Total-P | | 0.042 | mg/L | EPA 365.1 |
| 9/2/2014 10:45 | Total-P | | 0.028 | mg/L | EPA 365.1 |
| 9/9/2014 10:53 | Total-P | | 0.049 | mg/L | EPA 365.1 |
| 9/16/2014 11:05 | Total-P | | 0.072 | mg/L | EPA 365.1 |
| 9/23/2014 10:15 | Total-P | | 0.024 | mg/L | EPA 365.1 |
| 8/26/2014 11:35 | TS | | 338 | mg/L | SM2540B |
| 9/2/2014 10:45 | TS | | 386 | mg/L | SM2540B |
| 9/9/2014 10:53 | TS | | 302 | mg/L | SM2540B |
| 9/16/2014 11:05 | TS | | 386 | mg/L | SM2540B |
| 9/23/2014 10:15 | TS | | 370 | mg/L | SM2540B |
| 8/26/2014 11:35 | TSS | | 4.4 | mg/L | SM2540D |
| 9/2/2014 10:45 | TSS | | 3.15 | mg/L | SM2540D |
| 9/9/2014 10:53 | TSS | | 5.6 | mg/L | SM2540D |
| 9/16/2014 11:05 | TSS | | 13.8 | mg/L | SM2540D |
| 9/23/2014 10:15 | TSS | | 1.2 | mg/L | SM2540D |
| 8/26/2014 11:35 | Turbidity | | 5.92 | NTU | EPA 180.1 |
| 9/2/2014 10:45 | Turbidity | | 4.27 | NTU | EPA 180.1 |
| 9/9/2014 10:53 | Turbidity | | 6.72 | NTU | EPA 180.1 |
| 9/16/2014 11:05 | Turbidity | | 17 | NTU | EPA 180.1 |
| 9/23/2014 10:15 | Turbidity | | 2.89 | NTU | EPA 180.1 |
| 8/26/2014 11:35 | V | < | 0.38 | ug/L | EPA-200.8 |
| 9/2/2014 10:45 | V | < | 0.38 | ug/L | EPA-200.8 |
| 9/9/2014 10:53 | V | < | 0.38 | ug/L | EPA-200.8 |

| Chagrin River River Mile 22.60 | | | | | | |
|-----------------------------------|-----------|------|--------|-------|-----------|--|
| Sample Date | Parameter | Code | Result | Units | Method | |
| 9/16/2014 11:05 | V | j | 0.568 | ug/L | EPA-200.8 | |
| 9/23/2014 10:15 | V | < | 0.38 | ug/L | EPA-200.8 | |
| 8/26/2014 11:35 | Zn | j | 4.3 | ug/L | EPA-200.8 | |
| 9/2/2014 10:45 | Zn | j | 4.536 | ug/L | EPA-200.8 | |
| 9/9/2014 10:53 | Zn | j | 7.363 | ug/L | EPA-200.8 | |
| 9/16/2014 11:05 | Zn | j | 7.736 | ug/L | EPA-200.8 | |
| 9/23/2014 10:15 | Zn | j | 1.943 | ug/L | EPA-200.8 | |

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)