

Euclid Creek East Branch

River Mile 2.80

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|------------|------|--------|-----------|-----------|
| 6/17/2013 12:21 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 7/1/2013 11:13 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | Ag | < | 0.038 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | Ag | < | 0.038 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | Al | | 69.1 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | Al | | 186.2 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | Al | | 102.6 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | Al | | 49.21 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | Alkalinity | | 143 | mg/LCaCO3 | EPA-310.2 |
| 6/24/2013 11:10 | Alkalinity | | 148 | mg/LCaCO3 | EPA-310.2 |
| 7/1/2013 11:13 | Alkalinity | | 129.85 | mg/LCaCO3 | EPA-310.2 |
| 7/8/2013 10:08 | Alkalinity | | 126.6 | mg/LCaCO3 | EPA-310.2 |
| 7/15/2013 9:32 | Alkalinity | | 161 | mg/LCaCO3 | EPA-310.2 |
| 6/17/2013 12:21 | As | j | 1.486 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | As | j | 1.971 | ug/L | EPA-200.8 |
| 7/1/2013 11:13 | As | j | 1.535 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | As | j | 1.755 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | As | j | 1.597 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | Ba | | 25.74 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | Ba | | 28.45 | ug/L | EPA-200.8 |
| 7/1/2013 11:13 | Ba | | 23.61 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | Ba | | 22.71 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | Ba | | 26.92 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | Be | < | 0.126 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | Be | < | 0.126 | ug/L | EPA-200.8 |
| 7/1/2013 11:13 | Be | < | 0.126 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | BOD | < | 2 | mg/L | SM 5210 |
| 7/1/2013 11:13 | BOD | < | 2 | mg/L | SM 5210 |
| 7/8/2013 10:08 | BOD | < | 2 | mg/L | SM 5210 |
| 7/15/2013 9:32 | BOD | < | 2 | mg/L | SM 5210 |
| 6/17/2013 12:21 | Ca | | 57980 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | Ca | | 62370 | ug/L | EPA-200.8 |
| 7/1/2013 11:13 | Ca | | 54430 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | Ca | | 51790 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | Ca | | 63670 | ug/L | EPA-200.8 |

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| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-----------|-----------|
| 6/17/2013 12:21 | CaCO3 | | 205 | mg/LCaCO3 | EPA-200.8 |
| 6/24/2013 11:10 | CaCO3 | | 224 | mg/LCaCO3 | EPA-200.8 |
| 7/1/2013 11:13 | CaCO3 | | 192.5 | mg/LCaCO3 | EPA-200.8 |
| 7/8/2013 10:08 | CaCO3 | | 185 | mg/LCaCO3 | EPA-200.8 |
| 7/15/2013 9:32 | CaCO3 | | 224 | mg/LCaCO3 | EPA-200.8 |
| 6/17/2013 12:21 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 7/1/2013 11:13 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | Cd | < | 0.076 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | Cd | < | 0.076 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | Chloride | | 210.3 | mg/L | EPA 300.0 |
| 6/24/2013 11:10 | Chloride | | 198.9 | mg/L | EPA 300.0 |
| 7/1/2013 11:13 | Chloride | | 156.65 | mg/L | EPA 300.0 |
| 7/8/2013 10:08 | Chloride | | 141.2 | mg/L | EPA 300.0 |
| 7/15/2013 9:32 | Chloride | | 160.2 | mg/L | EPA 300.0 |
| 6/17/2013 12:21 | Co | j | 0.165 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | Co | j | 0.309 | ug/L | EPA-200.8 |
| 7/1/2013 11:13 | Co | j | 0.2085 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | Co | j | 0.176 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | Co | j | 0.151 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | COD | | 23 | mg/L | EPA 410.4 |
| 7/1/2013 11:13 | COD | | 45.85 | mg/L | EPA 410.4 |
| 7/8/2013 10:08 | COD | | 18.2 | mg/L | EPA 410.4 |
| 7/15/2013 9:32 | COD | | 15.9 | mg/L | EPA 410.4 |
| 6/17/2013 12:21 | Cr | | 1.131 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | Cr | j | 0.633 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | Cr | j | 0.485 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | Cu | | 2.983 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | Cu | | 3.058 | ug/L | EPA-200.8 |
| 7/1/2013 11:13 | Cu | | 2.3475 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | Cu | | 2.1 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | Cu | | 2.825 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | DRPhos | | 0.069 | mg/L | EPA 365.1 |
| 6/24/2013 11:10 | DRPhos | | 0.093 | mg/L | EPA 365.1 |
| 7/1/2013 11:13 | DRPhos | | 0.076 | mg/L | EPA 365.1 |
| 7/8/2013 10:08 | DRPhos | | 0.074 | mg/L | EPA 365.1 |
| 7/15/2013 9:32 | DRPhos | | 0.068 | mg/L | EPA 365.1 |
| 6/17/2013 12:21 | E. coli | | 350 | cfu/100mL | EPA 1603 |

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| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|------------|------|--------|-----------|-------------|
| 6/24/2013 11:10 | E. coli | EC | 470 | cfu/100mL | EPA 1603 |
| 7/1/2013 11:13 | E. coli | | 292.5 | cfu/100mL | EPA 1603 |
| 7/8/2013 10:08 | E. coli | EC | 415 | cfu/100mL | EPA 1603 |
| 7/15/2013 9:32 | E. coli | | 185 | cfu/100mL | EPA 1603 |
| 6/17/2013 12:21 | Fe | | 258 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | Fe | | 427.1 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | Fe | | 298.1 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | Fe | | 219.7 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | Field Cond | | 941 | umhos/cm | SM 2510A |
| 6/24/2013 11:10 | Field Cond | | 1004 | umhos/cm | SM 2510A |
| 7/1/2013 11:13 | Field Cond | | 754 | umhos/cm | SM 2510A |
| 7/8/2013 10:08 | Field Cond | | 781 | umhos/cm | SM 2510A |
| 7/15/2013 9:32 | Field Cond | | 904 | umhos/cm | SM 2510A |
| 6/17/2013 12:21 | Field DO | | 8.31 | mg/L | SM 4500-0 G |
| 6/24/2013 11:10 | Field DO | | 8.01 | mg/L | SM 4500-0 G |
| 7/1/2013 11:13 | Field DO | | 8.43 | mg/L | SM 4500-0 G |
| 7/8/2013 10:08 | Field DO | | 8.47 | mg/L | SM 4500-0 G |
| 7/15/2013 9:32 | Field DO | | 7.46 | mg/L | SM 4500-0 G |
| 6/17/2013 12:21 | Field Temp | | 20.8 | C | EPA 170.1 |
| 6/24/2013 11:10 | Field Temp | | 22.9 | C | EPA 170.1 |
| 7/1/2013 11:13 | Field Temp | | 20.3 | C | EPA 170.1 |
| 7/8/2013 10:08 | Field Temp | | 21.7 | C | EPA 170.1 |
| 7/15/2013 9:32 | Field Temp | | 23.2 | C | EPA 170.1 |
| 6/17/2013 12:21 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 6/24/2013 11:10 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/1/2013 11:13 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/8/2013 10:08 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/15/2013 9:32 | Hg | < | 0.008 | ug/L | EPA 245.1 |
| 6/17/2013 12:21 | K | | 3423 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | K | | 3492 | ug/L | EPA-200.8 |
| 7/1/2013 11:13 | K | | 3416 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | K | | 3307 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | K | | 4139 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | Mg | | 14590 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | Mg | | 16650 | ug/L | EPA-200.8 |
| 7/1/2013 11:13 | Mg | | 13735 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | Mg | | 13520 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | Mg | | 15780 | ug/L | EPA-200.8 |

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| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 6/17/2013 12:21 | Mn | | 39.69 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | Mn | | 59.68 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | Mn | | 31.77 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | Mn | | 21.86 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | Mo | | 2.58 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | Mo | | 2.945 | ug/L | EPA-200.8 |
| 7/1/2013 11:13 | Mo | | 2.3535 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | Mo | | 2.284 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | Mo | | 2.933 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | Na | | 124300 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | Na | | 120800 | ug/L | EPA-200.8 |
| 7/1/2013 11:13 | Na | | 109750 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | Na | | 95740 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | Na | | 104400 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | NH3 | | 0.022 | mg/L | EPA-350.1 |
| 6/24/2013 11:10 | NH3 | | 0.021 | mg/L | EPA-350.1 |
| 7/1/2013 11:13 | NH3 | | 0.027 | mg/L | EPA-350.1 |
| 7/8/2013 10:08 | NH3 | | 0.022 | mg/L | EPA-350.1 |
| 7/15/2013 9:32 | NH3 | | 0.036 | mg/L | EPA-350.1 |
| 6/17/2013 12:21 | Ni | < | 1.96 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | Ni | j | 2.141 | ug/L | EPA-200.8 |
| 7/1/2013 11:13 | Ni | j | 1.987 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | Ni | j | 1.738 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | Ni | j | 1.98 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | NO3-NO2 | | 0.281 | mg/L | EPA 353.2 |
| 6/24/2013 11:10 | NO3-NO2 | | 0.292 | mg/L | EPA 353.2 |
| 7/1/2013 11:13 | NO3-NO2 | | 0.319 | mg/L | EPA 353.2 |
| 7/8/2013 10:08 | NO3-NO2 | | 0.218 | mg/L | EPA 353.2 |
| 7/15/2013 9:32 | NO3-NO2 | | 0.26 | mg/L | EPA 353.2 |
| 6/17/2013 12:21 | Pb | j | 0.332 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | Pb | j | 0.703 | ug/L | EPA-200.8 |
| 7/1/2013 11:13 | Pb | j | 0.4655 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | Pb | j | 0.541 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | Pb | j | 0.176 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | pH | | 8.06 | S.U. | |
| 6/24/2013 11:10 | pH | | 8.13 | S.U. | |
| 7/1/2013 11:13 | pH | | 8.1 | S.U. | |
| 7/8/2013 10:08 | pH | | 8.1 | S.U. | |
| 7/15/2013 9:32 | pH | | 8.02 | S.U. | |

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| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|----------|-------|-----------|
| 6/17/2013 12:21 | Sb | j | 0.28 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | Sb | j | 0.274 | ug/L | EPA-200.8 |
| 7/1/2013 11:13 | Sb | j | 0.285 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | Sb | j | 0.256 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | Sb | < | 0.09 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 7/1/2013 11:13 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | Se | < | 0.66 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | Se | < | 0.66 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | Sn | j | 0.382 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | Sn | < | 0.172 | ug/L | EPA-200.8 |
| 7/1/2013 11:13 | Sn | < | 0.172 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | Sn | < | 0.178 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | Sn | < | 0.178 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | SO4 | | 45.48 | mg/L | EPA 300.0 |
| 6/24/2013 11:10 | SO4 | | 46.93 | mg/L | EPA 300.0 |
| 7/1/2013 11:13 | SO4 | | 42.565 | mg/L | EPA 300.0 |
| 7/8/2013 10:08 | SO4 | | 35.49 | mg/L | EPA 300.0 |
| 7/15/2013 9:32 | SO4 | | 46.11 | mg/L | EPA 300.0 |
| 6/17/2013 12:21 | Sr | | 306.952 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | Sr | | 330.106 | ug/L | EPA-200.8 |
| 7/1/2013 11:13 | Sr | | 282.0725 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | Sr | | 270.439 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | Sr | | 321.903 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | TDS | | 556 | mg/L | SM2540C |
| 6/24/2013 11:10 | TDS | | 580 | mg/L | SM2540C |
| 7/1/2013 11:13 | TDS | | 464 | mg/L | SM2540C |
| 7/8/2013 10:08 | TDS | | 454 | mg/L | SM2540C |
| 7/15/2013 9:32 | TDS | | 545 | mg/L | SM2540C |
| 6/17/2013 12:21 | Ti | | 35.52 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | Ti | | 40.29 | ug/L | EPA-200.8 |
| 7/1/2013 11:13 | Ti | | 31.985 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | Ti | j | 1.778 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | Ti | j | 0.949 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | TKN | j | 0.486 | mg/L | EPA-351.1 |
| 6/24/2013 11:10 | TKN | j | 0.337 | mg/L | EPA-351.1 |
| 7/1/2013 11:13 | TKN | < | 0.371 | mg/L | EPA-351.1 |

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River Mile 2.80

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 7/8/2013 10:08 | TKN | j | 0.493 | mg/L | EPA-351.1 |
| 7/15/2013 9:32 | TKN | j | 0.425 | mg/L | EPA-351.1 |
| 6/17/2013 12:21 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 7/1/2013 11:13 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | TI | < | 0.6 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | TI | < | 0.6 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | TMET | < | 10 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | TMET | | 10.9 | ug/L | EPA-200.8 |
| 7/1/2013 11:13 | TMET | < | 10 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | TMET | < | 10 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | TMET | < | 10 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | Total-P | | 0.104 | mg/L | EPA 365.1 |
| 6/24/2013 11:10 | Total-P | | 0.141 | mg/L | EPA 365.1 |
| 7/1/2013 11:13 | Total-P | | 0.0965 | mg/L | EPA 365.1 |
| 7/8/2013 10:08 | Total-P | | 0.095 | mg/L | EPA 365.1 |
| 7/15/2013 9:32 | Total-P | | 0.085 | mg/L | EPA 365.1 |
| 6/17/2013 12:21 | TS | | 532 | mg/L | SM2540B |
| 6/24/2013 11:10 | TS | | 616 | mg/L | SM2540B |
| 7/1/2013 11:13 | TS | | 498.5 | mg/L | SM2540B |
| 7/8/2013 10:08 | TS | | 466 | mg/L | SM2540B |
| 7/15/2013 9:32 | TS | | 582 | mg/L | SM2540B |
| 6/17/2013 12:21 | TSS | | 6.9 | mg/L | SM2540D |
| 6/24/2013 11:10 | TSS | | 10.5 | mg/L | SM2540D |
| 7/1/2013 11:13 | TSS | | 3.5 | mg/L | SM2540D |
| 7/8/2013 10:08 | TSS | | 12.1 | mg/L | SM2540D |
| 7/15/2013 9:32 | TSS | | 3.8 | mg/L | SM2540D |
| 6/17/2013 12:21 | Turbidity | | 3.74 | NTU | EPA 180.1 |
| 6/24/2013 11:10 | Turbidity | | 7.57 | NTU | EPA 180.1 |
| 7/1/2013 11:13 | Turbidity | | 3.87 | NTU | EPA 180.1 |
| 7/8/2013 10:08 | Turbidity | | 3.31 | NTU | EPA 180.1 |
| 7/15/2013 9:32 | Turbidity | | 2.33 | NTU | EPA 180.1 |
| 6/17/2013 12:21 | V | < | 1.84 | ug/L | EPA-200.8 |
| 6/24/2013 11:10 | V | < | 1.84 | ug/L | EPA-200.8 |
| 7/1/2013 11:13 | V | < | 1.84 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | V | < | 1.04 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | V | < | 1.04 | ug/L | EPA-200.8 |
| 6/17/2013 12:21 | Zn | < | 4.8 | ug/L | EPA-200.8 |

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| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 6/24/2013 11:10 | Zn | j | 5.126 | ug/L | EPA-200.8 |
| 7/1/2013 11:13 | Zn | < | 4.8 | ug/L | EPA-200.8 |
| 7/8/2013 10:08 | Zn | j | 4.047 | ug/L | EPA-200.8 |
| 7/15/2013 9:32 | Zn | j | 2.704 | ug/L | EPA-200.8 |

Euclid Creek East Branch

River Mile 0.25

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|------------|------|--------|-----------|-----------|
| 6/17/2013 11:44 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Ag | < | 0.038 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | Ag | < | 0.038 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | Al | | 64.39 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | Al | | 41.72 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | Al | | 29.38 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Al | | 41.58 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | Al | | 42.75 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | Alkalinity | | 123.3 | mg/LCaCO3 | EPA-310.2 |
| 6/24/2013 10:35 | Alkalinity | | 122.5 | mg/LCaCO3 | EPA-310.2 |
| 7/1/2013 10:40 | Alkalinity | | 119.4 | mg/LCaCO3 | EPA-310.2 |
| 7/8/2013 9:45 | Alkalinity | | 117.5 | mg/LCaCO3 | EPA-310.2 |
| 7/15/2013 10:00 | Alkalinity | | 144 | mg/LCaCO3 | EPA-310.2 |
| 6/17/2013 11:44 | As | j | 1.305 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | As | j | 1.225 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | As | j | 1.175 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | As | j | 1.346 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | As | j | 1.141 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | Ba | | 23.97 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | Ba | | 23.41 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | Ba | | 21.26 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Ba | | 20.05 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | Ba | | 24.62 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | Be | < | 0.126 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | Be | < | 0.126 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | Be | < | 0.126 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | BOD | < | 2 | mg/L | SM 5210 |
| 7/1/2013 10:40 | BOD | < | 2 | mg/L | SM 5210 |
| 7/8/2013 9:45 | BOD | < | 2 | mg/L | SM 5210 |
| 7/15/2013 10:00 | BOD | < | 2 | mg/L | SM 5210 |
| 6/17/2013 11:44 | Ca | | 54650 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | Ca | | 52800 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | Ca | | 50780 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Ca | | 45850 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | Ca | | 57740 | ug/L | EPA-200.8 |

Euclid Creek East Branch

River Mile 0.25

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-----------|-----------|
| 6/17/2013 11:44 | CaCO3 | | 193 | mg/LCaCO3 | EPA-200.8 |
| 6/24/2013 10:35 | CaCO3 | | 188 | mg/LCaCO3 | EPA-200.8 |
| 7/1/2013 10:40 | CaCO3 | | 179 | mg/LCaCO3 | EPA-200.8 |
| 7/8/2013 9:45 | CaCO3 | | 162 | mg/LCaCO3 | EPA-200.8 |
| 7/15/2013 10:00 | CaCO3 | | 203 | mg/LCaCO3 | EPA-200.8 |
| 6/17/2013 11:44 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Cd | < | 0.076 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | Cd | < | 0.076 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | Chloride | | 158.5 | mg/L | EPA 300.0 |
| 6/24/2013 10:35 | Chloride | | 126 | mg/L | EPA 300.0 |
| 7/1/2013 10:40 | Chloride | | 125.4 | mg/L | EPA 300.0 |
| 7/8/2013 9:45 | Chloride | | 111.9 | mg/L | EPA 300.0 |
| 7/15/2013 10:00 | Chloride | | 122.2 | mg/L | EPA 300.0 |
| 6/17/2013 11:44 | Co | j | 0.137 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | Co | < | 0.134 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | Co | < | 0.134 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Co | < | 0.138 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | Co | < | 0.138 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | COD | j | 7.2 | mg/L | EPA 410.4 |
| 7/1/2013 10:40 | COD | | 45.7 | mg/L | EPA 410.4 |
| 7/8/2013 9:45 | COD | | 16.9 | mg/L | EPA 410.4 |
| 7/15/2013 10:00 | COD | | 12.2 | mg/L | EPA 410.4 |
| 6/17/2013 11:44 | Cr | j | 0.57 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Cr | j | 0.515 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | Cr | j | 0.497 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | Cu | | 2.813 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | Cu | | 2.266 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | Cu | | 2.049 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Cu | | 2.073 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | Cu | | 2.63 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | DRPhos | | 0.051 | mg/L | EPA 365.1 |
| 6/24/2013 10:35 | DRPhos | | 0.054 | mg/L | EPA 365.1 |
| 7/1/2013 10:40 | DRPhos | | 0.058 | mg/L | EPA 365.1 |
| 7/8/2013 9:45 | DRPhos | | 0.058 | mg/L | EPA 365.1 |
| 7/15/2013 10:00 | DRPhos | | 0.062 | mg/L | EPA 365.1 |

Euclid Creek East Branch

River Mile 0.25

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|------------|------|--------|-----------|-------------|
| 6/17/2013 11:44 | E. coli | | 64 | cfu/100mL | EPA 1603 |
| 6/24/2013 10:35 | E. coli | | 115 | cfu/100mL | EPA 1603 |
| 7/1/2013 10:40 | E. coli | | 32 | cfu/100mL | EPA 1603 |
| 7/8/2013 9:45 | E. coli | | 8 | cfu/100mL | EPA 1603 |
| 7/15/2013 10:00 | E. coli | EC | 82 | cfu/100mL | EPA 1603 |
| 6/17/2013 11:44 | Fe | | 94.88 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | Fe | | 64.69 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | Fe | | 66.81 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Fe | | 126.2 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | Fe | | 121.8 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | Field Cond | | 797 | umhos/cm | SM 2510A |
| 6/24/2013 10:35 | Field Cond | | 744 | umhos/cm | SM 2510A |
| 7/1/2013 10:40 | Field Cond | | 645 | umhos/cm | SM 2510A |
| 7/8/2013 9:45 | Field Cond | | 683 | umhos/cm | SM 2510A |
| 7/15/2013 10:00 | Field Cond | | 767 | umhos/cm | SM 2510A |
| 6/17/2013 11:44 | Field DO | | 9.18 | mg/L | SM 4500-0 G |
| 6/24/2013 10:35 | Field DO | | 8.36 | mg/L | SM 4500-0 G |
| 7/1/2013 10:40 | Field DO | | 8.96 | mg/L | SM 4500-0 G |
| 7/8/2013 9:45 | Field DO | | 8.82 | mg/L | SM 4500-0 G |
| 7/15/2013 10:00 | Field DO | | 8.7 | mg/L | SM 4500-0 G |
| 6/17/2013 11:44 | Field Temp | | 20.9 | C | EPA 170.1 |
| 6/24/2013 10:35 | Field Temp | | 22.4 | C | EPA 170.1 |
| 7/1/2013 10:40 | Field Temp | | 19.8 | C | EPA 170.1 |
| 7/8/2013 9:45 | Field Temp | | 21.3 | C | EPA 170.1 |
| 7/15/2013 10:00 | Field Temp | | 22.8 | C | EPA 170.1 |
| 6/17/2013 11:44 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 6/24/2013 10:35 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/1/2013 10:40 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/8/2013 9:45 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/15/2013 10:00 | Hg | < | 0.008 | ug/L | EPA 245.1 |
| 6/17/2013 11:44 | K | | 3528 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | K | | 3553 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | K | | 3448 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | K | | 3051 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | K | | 4133 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | Mg | | 13720 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | Mg | | 13600 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | Mg | | 12770 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Mg | | 11650 | ug/L | EPA-200.8 |

Euclid Creek East Branch

River Mile 0.25

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 7/15/2013 10:00 | Mg | | 14320 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | Mn | | 10.8 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | Mn | | 8.08 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | Mn | | 6.99 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Mn | | 6.631 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | Mn | | 7.562 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | Mo | | 2.66 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | Mo | | 2.906 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | Mo | | 2.503 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Mo | | 2.591 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | Mo | | 2.796 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | Na | | 98940 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | Na | | 86300 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | Na | | 89780 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Na | | 75560 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | Na | | 82640 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | NH3 | | 0.02 | mg/L | EPA-350.1 |
| 6/24/2013 10:35 | NH3 | j | 0.016 | mg/L | EPA-350.1 |
| 7/1/2013 10:40 | NH3 | | 0.028 | mg/L | EPA-350.1 |
| 7/8/2013 9:45 | NH3 | | 0.032 | mg/L | EPA-350.1 |
| 7/15/2013 10:00 | NH3 | | 0.072 | mg/L | EPA-350.1 |
| 6/17/2013 11:44 | Ni | j | 1.986 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | Ni | < | 1.96 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | Ni | < | 1.96 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Ni | j | 1.696 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | Ni | j | 2.061 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | NO3-NO2 | | 0.334 | mg/L | EPA 353.2 |
| 6/24/2013 10:35 | NO3-NO2 | | 0.393 | mg/L | EPA 353.2 |
| 7/1/2013 10:40 | NO3-NO2 | | 0.42 | mg/L | EPA 353.2 |
| 7/8/2013 9:45 | NO3-NO2 | | 0.254 | mg/L | EPA 353.2 |
| 7/15/2013 10:00 | NO3-NO2 | | 0.404 | mg/L | EPA 353.2 |
| 6/17/2013 11:44 | Pb | < | 0.166 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | Pb | < | 0.166 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | Pb | < | 0.166 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Pb | j | 0.077 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | Pb | j | 0.065 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | pH | | 8.1 | S.U. | |
| 6/24/2013 10:35 | pH | | 7.98 | S.U. | |

Euclid Creek East Branch

River Mile 0.25

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|---------|-------|-----------|
| 7/1/2013 10:40 | pH | | 8 | S.U. | |
| 7/8/2013 9:45 | pH | | 8.03 | S.U. | |
| 7/15/2013 10:00 | pH | | 8.03 | S.U. | |
| 6/17/2013 11:44 | Sb | j | 0.269 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | Sb | j | 0.344 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | Sb | j | 0.276 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Sb | j | 0.271 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | Sb | < | 0.09 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Se | < | 0.66 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | Se | < | 0.66 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | Sn | j | 0.426 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | Sn | < | 0.172 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | Sn | j | 0.282 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Sn | < | 0.178 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | Sn | < | 0.178 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | SO4 | | 47.08 | mg/L | EPA 300.0 |
| 6/24/2013 10:35 | SO4 | | 49.44 | mg/L | EPA 300.0 |
| 7/1/2013 10:40 | SO4 | | 49.26 | mg/L | EPA 300.0 |
| 7/8/2013 9:45 | SO4 | | 39.27 | mg/L | EPA 300.0 |
| 7/15/2013 10:00 | SO4 | | 49.1 | mg/L | EPA 300.0 |
| 6/17/2013 11:44 | Sr | | 272.159 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | Sr | | 261.701 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | Sr | | 251.188 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Sr | | 227.524 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | Sr | | 273.829 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | TDS | | 471 | mg/L | SM2540C |
| 6/24/2013 10:35 | TDS | | 444 | mg/L | SM2540C |
| 7/1/2013 10:40 | TDS | | 418 | mg/L | SM2540C |
| 7/8/2013 9:45 | TDS | | 430 | mg/L | SM2540C |
| 7/15/2013 10:00 | TDS | | 482 | mg/L | SM2540C |
| 6/17/2013 11:44 | Ti | | 33.26 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | Ti | | 32.95 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | Ti | | 28.75 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Ti | j | 0.737 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | Ti | j | 0.761 | ug/L | EPA-200.8 |

Euclid Creek East Branch

River Mile 0.25

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 6/17/2013 11:44 | TKN | | 0.519 | mg/L | EPA-351.1 |
| 6/24/2013 10:35 | TKN | j | 0.335 | mg/L | EPA-351.1 |
| 7/1/2013 10:40 | TKN | | 0.704 | mg/L | EPA-351.1 |
| 7/8/2013 9:45 | TKN | j | 0.429 | mg/L | EPA-351.1 |
| 7/15/2013 10:00 | TKN | j | 0.382 | mg/L | EPA-351.1 |
| 6/17/2013 11:44 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | TI | < | 0.6 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | TI | < | 0.6 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | TMET | < | 10 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | TMET | < | 10 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | TMET | < | 10 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | TMET | < | 10 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | TMET | < | 10 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | Total-P | | 0.063 | mg/L | EPA 365.1 |
| 6/24/2013 10:35 | Total-P | | 0.061 | mg/L | EPA 365.1 |
| 7/1/2013 10:40 | Total-P | | 0.063 | mg/L | EPA 365.1 |
| 7/8/2013 9:45 | Total-P | | 0.064 | mg/L | EPA 365.1 |
| 7/15/2013 10:00 | Total-P | | 0.068 | mg/L | EPA 365.1 |
| 6/17/2013 11:44 | TS | | 448 | mg/L | SM2540B |
| 6/24/2013 10:35 | TS | | 444 | mg/L | SM2540B |
| 7/1/2013 10:40 | TS | | 442 | mg/L | SM2540B |
| 7/8/2013 9:45 | TS | | 412 | mg/L | SM2540B |
| 7/15/2013 10:00 | TS | | 490 | mg/L | SM2540B |
| 6/17/2013 11:44 | TSS | | 2.7 | mg/L | SM2540D |
| 6/24/2013 10:35 | TSS | | 2.1 | mg/L | SM2540D |
| 7/1/2013 10:40 | TSS | | 1.4 | mg/L | SM2540D |
| 7/8/2013 9:45 | TSS | | 2.3 | mg/L | SM2540D |
| 7/15/2013 10:00 | TSS | | 1.5 | mg/L | SM2540D |
| 6/17/2013 11:44 | Turbidity | | 2.57 | NTU | EPA 180.1 |
| 6/24/2013 10:35 | Turbidity | | 2.13 | NTU | EPA 180.1 |
| 7/1/2013 10:40 | Turbidity | | 1.37 | NTU | EPA 180.1 |
| 7/8/2013 9:45 | Turbidity | | 1.9 | NTU | EPA 180.1 |
| 7/15/2013 10:00 | Turbidity | | 1.37 | NTU | EPA 180.1 |
| 6/17/2013 11:44 | V | < | 1.84 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | V | < | 1.84 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | V | < | 1.84 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | V | < | 1.04 | ug/L | EPA-200.8 |

Euclid Creek East Branch

River Mile 0.25

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 7/15/2013 10:00 | V | < | 1.04 | ug/L | EPA-200.8 |
| 6/17/2013 11:44 | Zn | < | 4.8 | ug/L | EPA-200.8 |
| 6/24/2013 10:35 | Zn | < | 4.8 | ug/L | EPA-200.8 |
| 7/1/2013 10:40 | Zn | < | 4.8 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Zn | j | 1.828 | ug/L | EPA-200.8 |
| 7/15/2013 10:00 | Zn | < | 1.58 | ug/L | EPA-200.8 |

Unnamed Tributary to Euclid Creek

River Mile 1.50

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|------------|------|--------|-----------|-----------|
| 6/17/2013 10:18 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | Ag | < | 0.038 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | Ag | < | 0.038 | ug/L | EPA-200.8 |
| 6/17/2013 10:18 | Al | | 34.71 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | Al | | 28.19 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | Al | | 28.83 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | Al | | 761.1 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | Al | | 125.6 | ug/L | EPA-200.8 |
| 6/17/2013 10:18 | Alkalinity | | 121.6 | mg/LCaCO3 | EPA-310.2 |
| 6/24/2013 11:35 | Alkalinity | | 125.4 | mg/LCaCO3 | EPA-310.2 |
| 7/1/2013 11:35 | Alkalinity | | 118.2 | mg/LCaCO3 | EPA-310.2 |
| 7/8/2013 10:26 | Alkalinity | | 70.5 | mg/LCaCO3 | EPA-310.2 |
| 7/15/2013 9:18 | Alkalinity | | 149.6 | mg/LCaCO3 | EPA-310.2 |
| 6/17/2013 10:18 | As | j | 1.278 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | As | j | 1.298 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | As | j | 1.325 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | As | j | 1.637 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | As | j | 1.358 | ug/L | EPA-200.8 |
| 6/17/2013 10:18 | Ba | | 41.48 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | Ba | | 47.86 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | Ba | | 41.92 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | Ba | | 31.38 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | Ba | | 52.16 | ug/L | EPA-200.8 |
| 6/17/2013 10:18 | Be | < | 0.126 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | Be | < | 0.126 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | Be | < | 0.126 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 6/17/2013 10:18 | BOD | < | 2 | mg/L | SM 5210 |
| 7/1/2013 11:35 | BOD | < | 2 | mg/L | SM 5210 |
| 7/8/2013 10:26 | BOD | | 2.6 | mg/L | SM 5210 |
| 7/15/2013 9:18 | BOD | < | 2 | mg/L | SM 5210 |
| 6/17/2013 10:18 | Ca | | 64570 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | Ca | | 69280 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | Ca | | 64370 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | Ca | | 45090 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | Ca | | 81640 | ug/L | EPA-200.8 |

Unnamed Tributary to Euclid Creek

River Mile 1.50

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-----------|-----------|
| 6/17/2013 10:18 | CaCO3 | | 210 | mg/LCaCO3 | EPA-200.8 |
| 6/24/2013 11:35 | CaCO3 | | 233 | mg/LCaCO3 | EPA-200.8 |
| 7/1/2013 11:35 | CaCO3 | | 211 | mg/LCaCO3 | EPA-200.8 |
| 7/8/2013 10:26 | CaCO3 | | 149 | mg/LCaCO3 | EPA-200.8 |
| 7/15/2013 9:18 | CaCO3 | | 269 | mg/LCaCO3 | EPA-200.8 |
| 6/17/2013 10:18 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | Cd | < | 0.076 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | Cd | < | 0.076 | ug/L | EPA-200.8 |
| 6/17/2013 10:18 | Chloride | | 256.1 | mg/L | EPA 300.0 |
| 6/24/2013 11:35 | Chloride | | 321 | mg/L | EPA 300.0 |
| 7/1/2013 11:35 | Chloride | | 268.4 | mg/L | EPA 300.0 |
| 7/8/2013 10:26 | Chloride | | 277.2 | mg/L | EPA 300.0 |
| 7/15/2013 9:18 | Chloride | | 344.2 | mg/L | EPA 300.0 |
| 6/17/2013 10:18 | Co | j | 0.198 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | Co | j | 0.241 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | Co | j | 0.265 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | Co | j | 0.632 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | Co | j | 0.376 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | COD | | 27.7 | mg/L | EPA 410.4 |
| 7/1/2013 11:35 | COD | | 46.5 | mg/L | EPA 410.4 |
| 7/8/2013 10:26 | COD | | 16.9 | mg/L | EPA 410.4 |
| 7/15/2013 9:18 | COD | < | 3.9 | mg/L | EPA 410.4 |
| 7/8/2013 10:26 | Cr | | 1.677 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | Cr | j | 0.741 | ug/L | EPA-200.8 |
| 6/17/2013 10:18 | Cu | | 2.996 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | Cu | | 2.358 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | Cu | | 1.958 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | Cu | | 4.988 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | Cu | | 2.576 | ug/L | EPA-200.8 |
| 6/17/2013 10:18 | DRPhos | | 0.054 | mg/L | EPA 365.1 |
| 6/24/2013 11:35 | DRPhos | | 0.077 | mg/L | EPA 365.1 |
| 7/1/2013 11:35 | DRPhos | | 0.064 | mg/L | EPA 365.1 |
| 7/8/2013 10:26 | DRPhos | | 0.018 | mg/L | EPA 365.1 |
| 7/15/2013 9:18 | DRPhos | | 0.07 | mg/L | EPA 365.1 |
| 6/17/2013 10:18 | E. coli | | 2633 | cfu/100mL | EPA 1603 |

Unnamed Tributary to Euclid Creek

River Mile 1.50

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|------------|------|--------|-----------|-------------|
| 6/24/2013 11:35 | E. coli | | 4000 | cfu/100mL | EPA 1603 |
| 7/1/2013 11:35 | E. coli | | 1533 | cfu/100mL | EPA 1603 |
| 7/8/2013 10:26 | E. coli | EC | 800 | cfu/100mL | EPA 1603 |
| 7/15/2013 9:18 | E. coli | | 3000 | cfu/100mL | EPA 1603 |
| 6/17/2013 10:18 | Fe | | 500.8 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | Fe | | 420.9 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | Fe | | 447.9 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | Fe | | 1366 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | Fe | | 572.2 | ug/L | EPA-200.8 |
| 6/17/2013 10:18 | Field Cond | | 985 | umhos/cm | SM 2510A |
| 6/24/2013 11:35 | Field Cond | | 1270 | umhos/cm | SM 2510A |
| 7/1/2013 11:35 | Field Cond | | 1017 | umhos/cm | SM 2510A |
| 7/8/2013 10:26 | Field Cond | | 648 | umhos/cm | SM 2510A |
| 7/15/2013 9:18 | Field Cond | | 1353 | umhos/cm | SM 2510A |
| 6/17/2013 10:18 | Field DO | | 7.74 | mg/L | SM 4500-0 G |
| 6/24/2013 11:35 | Field DO | | 7.02 | mg/L | SM 4500-0 G |
| 7/1/2013 11:35 | Field DO | | 7.19 | mg/L | SM 4500-0 G |
| 7/8/2013 10:26 | Field DO | | 7.86 | mg/L | SM 4500-0 G |
| 7/15/2013 9:18 | Field DO | | 6.97 | mg/L | SM 4500-0 G |
| 6/17/2013 10:18 | Field Temp | | 18.5 | C | EPA 170.1 |
| 6/24/2013 11:35 | Field Temp | | 20.8 | C | EPA 170.1 |
| 7/1/2013 11:35 | Field Temp | | 18.5 | C | EPA 170.1 |
| 7/8/2013 10:26 | Field Temp | | 20.9 | C | EPA 170.1 |
| 7/15/2013 9:18 | Field Temp | | 20.7 | C | EPA 170.1 |
| 6/17/2013 10:18 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 6/24/2013 11:35 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/1/2013 11:35 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/8/2013 10:26 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/15/2013 9:18 | Hg | < | 0.008 | ug/L | EPA 245.1 |
| 6/17/2013 10:18 | K | | 3506 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | K | | 3591 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | K | | 3458 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | K | | 3768 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | K | | 4004 | ug/L | EPA-200.8 |
| 6/17/2013 10:18 | Mg | | 11790 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | Mg | | 14480 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | Mg | | 12260 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | Mg | | 8882 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | Mg | | 15910 | ug/L | EPA-200.8 |

Unnamed Tributary to Euclid Creek

River Mile 1.50

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 6/17/2013 10:18 | Mn | | 25.24 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | Mn | | 26.75 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | Mn | | 37.9 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | Mn | | 37.61 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | Mn | | 68.36 | ug/L | EPA-200.8 |
| 6/17/2013 10:18 | Mo | | 2.536 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | Mo | | 2.164 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | Mo | | 1.958 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | Mo | | 2.35 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | Mo | | 2.134 | ug/L | EPA-200.8 |
| 6/17/2013 10:18 | Na | | 162200 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | Na | | 180900 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | Na | | 165200 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | Na | | 165100 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | Na | | 178800 | ug/L | EPA-200.8 |
| 6/17/2013 10:18 | NH3 | | 0.031 | mg/L | EPA-350.1 |
| 6/24/2013 11:35 | NH3 | | 0.062 | mg/L | EPA-350.1 |
| 7/1/2013 11:35 | NH3 | | 0.057 | mg/L | EPA-350.1 |
| 7/8/2013 10:26 | NH3 | | 0.07 | mg/L | EPA-350.1 |
| 7/15/2013 9:18 | NH3 | | 0.079 | mg/L | EPA-350.1 |
| 6/17/2013 10:18 | Ni | j | 2.417 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | Ni | j | 2.478 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | Ni | j | 2.362 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | Ni | j | 3.349 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | Ni | j | 2.625 | ug/L | EPA-200.8 |
| 6/17/2013 10:18 | NO3-NO2 | | 0.517 | mg/L | EPA 353.2 |
| 6/24/2013 11:35 | NO3-NO2 | | 0.692 | mg/L | EPA 353.2 |
| 7/1/2013 11:35 | NO3-NO2 | | 0.728 | mg/L | EPA 353.2 |
| 7/8/2013 10:26 | NO3-NO2 | | 0.666 | mg/L | EPA 353.2 |
| 7/15/2013 9:18 | NO3-NO2 | | 0.827 | mg/L | EPA 353.2 |
| 6/17/2013 10:18 | Pb | j | 0.437 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | Pb | j | 0.397 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | Pb | j | 0.374 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | Pb | | 1.073 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | Pb | j | 0.924 | ug/L | EPA-200.8 |
| 6/17/2013 10:18 | pH | | 7.79 | S.U. | |
| 6/24/2013 11:35 | pH | | 7.87 | S.U. | |
| 7/1/2013 11:35 | pH | | 7.73 | S.U. | |

Unnamed Tributary to Euclid Creek

River Mile 1.50

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|---------|-------|-----------|
| 7/8/2013 10:26 | pH | | 7.87 | S.U. | |
| 7/15/2013 9:18 | pH | | 7.73 | S.U. | |
| 6/17/2013 10:18 | Sb | j | 0.407 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | Sb | j | 0.412 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | Sb | j | 0.333 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | Sb | j | 0.502 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | Sb | < | 0.09 | ug/L | EPA-200.8 |
| 6/17/2013 10:18 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | Se | < | 0.66 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | Se | < | 0.66 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | Sn | < | 0.172 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | Sn | < | 0.172 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | Sn | < | 0.178 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | Sn | < | 0.178 | ug/L | EPA-200.8 |
| 6/17/2013 10:18 | SO4 | | 52.22 | mg/L | EPA 300.0 |
| 6/24/2013 11:35 | SO4 | | 62.9 | mg/L | EPA 300.0 |
| 7/1/2013 11:35 | SO4 | | 57.62 | mg/L | EPA 300.0 |
| 7/8/2013 10:26 | SO4 | | 46.72 | mg/L | EPA 300.0 |
| 7/15/2013 9:18 | SO4 | | 70.56 | mg/L | EPA 300.0 |
| 6/17/2013 10:18 | Sr | | 288.837 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | Sr | | 307.409 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | Sr | | 294.562 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | Sr | | 234.919 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | Sr | | 333.977 | ug/L | EPA-200.8 |
| 6/17/2013 10:18 | TDS | | 632 | mg/L | SM2540C |
| 6/24/2013 11:35 | TDS | | 744 | mg/L | SM2540C |
| 7/1/2013 11:35 | TDS | | 648 | mg/L | SM2540C |
| 7/8/2013 10:26 | TDS | | 644 | mg/L | SM2540C |
| 7/15/2013 9:18 | TDS | | 834 | mg/L | SM2540C |
| 6/17/2013 10:18 | Ti | | 38.82 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | Ti | | 43.68 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | Ti | | 37.12 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | Ti | | 7.326 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | Ti | | 2.645 | ug/L | EPA-200.8 |
| 6/17/2013 10:18 | TKN | | 0.529 | mg/L | EPA-351.1 |
| 6/24/2013 11:35 | TKN | | 0.66 | mg/L | EPA-351.1 |

Unnamed Tributary to Euclid Creek

River Mile 1.50

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 7/1/2013 11:35 | TKN | j | 0.49 | mg/L | EPA-351.1 |
| 7/8/2013 10:26 | TKN | | 0.753 | mg/L | EPA-351.1 |
| 7/15/2013 9:18 | TKN | j | 0.374 | mg/L | EPA-351.1 |
| 6/17/2013 10:18 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | TI | < | 0.6 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | TI | < | 0.6 | ug/L | EPA-200.8 |
| 6/17/2013 10:18 | TMET | | 10.9 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | TMET | < | 10 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | TMET | < | 10 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | TMET | | 18.8 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | TMET | | 13.4 | ug/L | EPA-200.8 |
| 6/17/2013 10:18 | Total-P | | 0.103 | mg/L | EPA 365.1 |
| 6/24/2013 11:35 | Total-P | | 0.193 | mg/L | EPA 365.1 |
| 7/1/2013 11:35 | Total-P | | 0.113 | mg/L | EPA 365.1 |
| 7/8/2013 10:26 | Total-P | | 0.076 | mg/L | EPA 365.1 |
| 7/15/2013 9:18 | Total-P | | 0.107 | mg/L | EPA 365.1 |
| 6/17/2013 10:18 | TS | | 664 | mg/L | SM2540B |
| 6/24/2013 11:35 | TS | | 782 | mg/L | SM2540B |
| 7/1/2013 11:35 | TS | | 710 | mg/L | SM2540B |
| 7/8/2013 10:26 | TS | | 700 | mg/L | SM2540B |
| 7/15/2013 9:18 | TS | | 946 | mg/L | SM2540B |
| 6/17/2013 10:18 | TSS | | 2.1 | mg/L | SM2540D |
| 6/24/2013 11:35 | TSS | | 2.6 | mg/L | SM2540D |
| 7/1/2013 11:35 | TSS | | 2.2 | mg/L | SM2540D |
| 7/8/2013 10:26 | TSS | | 20.3 | mg/L | SM2540D |
| 7/15/2013 9:18 | TSS | | 1.8 | mg/L | SM2540D |
| 6/17/2013 10:18 | Turbidity | | 2.31 | NTU | EPA 180.1 |
| 6/24/2013 11:35 | Turbidity | | 2.8 | NTU | EPA 180.1 |
| 7/1/2013 11:35 | Turbidity | | 3.09 | NTU | EPA 180.1 |
| 7/8/2013 10:26 | Turbidity | | 11.5 | NTU | EPA 180.1 |
| 7/15/2013 9:18 | Turbidity | | 2.84 | NTU | EPA 180.1 |
| 6/17/2013 10:18 | V | < | 1.84 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | V | < | 1.84 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | V | < | 1.84 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | V | j | 2.143 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | V | < | 1.04 | ug/L | EPA-200.8 |

Unnamed Tributary to Euclid Creek

River Mile 1.50

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 6/17/2013 10:18 | Zn | j | 4.869 | ug/L | EPA-200.8 |
| 6/24/2013 11:35 | Zn | < | 4.8 | ug/L | EPA-200.8 |
| 7/1/2013 11:35 | Zn | < | 4.8 | ug/L | EPA-200.8 |
| 7/8/2013 10:26 | Zn | j | 8.803 | ug/L | EPA-200.8 |
| 7/15/2013 9:18 | Zn | j | 7.51 | ug/L | EPA-200.8 |

| Euclid Creek River Mile 6.90 | | | | | |
|---------------------------------|------------|------|--------|-----------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 6/17/2013 10:06 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | Ag | < | 0.038 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | Ag | < | 0.038 | ug/L | EPA-200.8 |
| 6/17/2013 10:06 | Al | | 29.54 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | Al | | 18.74 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | Al | | 19.55 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | Al | | 167.3 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | Al | | 21.71 | ug/L | EPA-200.8 |
| 6/17/2013 10:06 | Alkalinity | | 115.9 | mg/LCaCO3 | EPA-310.2 |
| 6/24/2013 11:55 | Alkalinity | | 112.6 | mg/LCaCO3 | EPA-310.2 |
| 7/1/2013 11:51 | Alkalinity | | 112.7 | mg/LCaCO3 | EPA-310.2 |
| 7/8/2013 10:40 | Alkalinity | | 77.8 | mg/LCaCO3 | EPA-310.2 |
| 7/15/2013 9:04 | Alkalinity | | 135.6 | mg/LCaCO3 | EPA-310.2 |
| 6/17/2013 10:06 | As | j | 0.636 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | As | < | 0.52 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | As | j | 1.02 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | As | j | 1.886 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | As | j | 1.135 | ug/L | EPA-200.8 |
| 6/17/2013 10:06 | Ba | | 43.65 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | Ba | | 64.62 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | Ba | | 43.18 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | Ba | | 25.33 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | Ba | | 51.98 | ug/L | EPA-200.8 |
| 6/17/2013 10:06 | Be | < | 0.126 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | Be | < | 0.126 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 6/17/2013 10:06 | BOD | < | 2 | mg/L | SM 5210 |
| 7/1/2013 11:51 | BOD | < | 2 | mg/L | SM 5210 |
| 7/8/2013 10:40 | BOD | | 4.4 | mg/L | SM 5210 |
| 7/15/2013 9:04 | BOD | < | 2 | mg/L | SM 5210 |
| 6/17/2013 10:06 | Ca | | 74270 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | Ca | | 101800 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | Ca | | 71460 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | Ca | | 37720 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | Ca | | 88730 | ug/L | EPA-200.8 |

Euclid Creek
River Mile 6.90

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-----------|-----------|
| 6/17/2013 10:06 | CaCO3 | | 248 | mg/LCaCO3 | EPA-200.8 |
| 6/24/2013 11:55 | CaCO3 | | 350 | mg/LCaCO3 | EPA-200.8 |
| 7/1/2013 11:51 | CaCO3 | | 240 | mg/LCaCO3 | EPA-200.8 |
| 7/8/2013 10:40 | CaCO3 | | 123 | mg/LCaCO3 | EPA-200.8 |
| 7/15/2013 9:04 | CaCO3 | | 295 | mg/LCaCO3 | EPA-200.8 |
| 6/17/2013 10:06 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | Cd | < | 0.076 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | Cd | < | 0.076 | ug/L | EPA-200.8 |
| 6/17/2013 10:06 | Chloride | | 498 | mg/L | EPA 300.0 |
| 6/24/2013 11:55 | Chloride | | 857.2 | mg/L | EPA 300.0 |
| 7/1/2013 11:51 | Chloride | | 495.1 | mg/L | EPA 300.0 |
| 7/8/2013 10:40 | Chloride | | 126.5 | mg/L | EPA 300.0 |
| 7/15/2013 9:04 | Chloride | | 600.1 | mg/L | EPA 300.0 |
| 6/17/2013 10:06 | Co | j | 0.169 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | Co | j | 0.185 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | Co | j | 0.189 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | Co | j | 0.31 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | Co | j | 0.168 | ug/L | EPA-200.8 |
| 6/17/2013 10:06 | COD | | 20.4 | mg/L | EPA 410.4 |
| 7/1/2013 11:51 | COD | | 49.4 | mg/L | EPA 410.4 |
| 7/8/2013 10:40 | COD | | 25.4 | mg/L | EPA 410.4 |
| 7/15/2013 9:04 | COD | | 13.2 | mg/L | EPA 410.4 |
| 7/8/2013 10:40 | Cr | j | 0.9 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | Cr | j | 0.559 | ug/L | EPA-200.8 |
| 6/17/2013 10:06 | Cu | | 4.926 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | Cu | | 3.758 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | Cu | | 4.051 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | Cu | | 3.163 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | Cu | | 3.757 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | DRPhos | < | 0.005 | mg/L | EPA 365.1 |
| 7/1/2013 11:51 | DRPhos | | 0.015 | mg/L | EPA 365.1 |
| 7/8/2013 10:40 | DRPhos | | 0.042 | mg/L | EPA 365.1 |
| 7/15/2013 9:04 | DRPhos | | 0.01 | mg/L | EPA 365.1 |
| 6/17/2013 10:06 | E. coli | | 390 | cfu/100mL | EPA 1603 |
| 6/24/2013 11:55 | E. coli | | 370 | cfu/100mL | EPA 1603 |

Euclid Creek
River Mile 6.90

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|------------|------|--------|-----------|-------------|
| 7/1/2013 11:51 | E. coli | | 265 | cfu/100mL | EPA 1603 |
| 7/8/2013 10:40 | E. coli | EC | 485 | cfu/100mL | EPA 1603 |
| 7/15/2013 9:04 | E. coli | | 215 | cfu/100mL | EPA 1603 |
| 6/17/2013 10:06 | Fe | | 207.7 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | Fe | | 219 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | Fe | | 241.1 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | Fe | | 550.3 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | Fe | | 258.6 | ug/L | EPA-200.8 |
| 6/17/2013 10:06 | Field Cond | | 1699 | umhos/cm | SM 2510A |
| 6/24/2013 11:55 | Field Cond | | 2799 | umhos/cm | SM 2510A |
| 7/1/2013 11:51 | Field Cond | | 1597 | umhos/cm | SM 2510A |
| 7/8/2013 10:40 | Field Cond | | 1109 | umhos/cm | SM 2510A |
| 7/15/2013 9:04 | Field Cond | | 2087 | umhos/cm | SM 2510A |
| 6/17/2013 10:06 | Field DO | | 8.39 | mg/L | SM 4500-0 G |
| 6/24/2013 11:55 | Field DO | | 10.03 | mg/L | SM 4500-0 G |
| 7/1/2013 11:51 | Field DO | | 8.01 | mg/L | SM 4500-0 G |
| 7/8/2013 10:40 | Field DO | | 7.89 | mg/L | SM 4500-0 G |
| 7/15/2013 9:04 | Field DO | | 9.7 | mg/L | SM 4500-0 G |
| 6/17/2013 10:06 | Field Temp | | 19.2 | C | EPA 170.1 |
| 6/24/2013 11:55 | Field Temp | | 24.2 | C | EPA 170.1 |
| 7/1/2013 11:51 | Field Temp | | 19.8 | C | EPA 170.1 |
| 7/8/2013 10:40 | Field Temp | | 21 | C | EPA 170.1 |
| 7/15/2013 9:04 | Field Temp | | 22.9 | C | EPA 170.1 |
| 6/17/2013 10:06 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 6/24/2013 11:55 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/1/2013 11:51 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/8/2013 10:40 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/15/2013 9:04 | Hg | < | 0.008 | ug/L | EPA 245.1 |
| 6/17/2013 10:06 | K | | 4502 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | K | | 5604 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | K | | 4267 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | K | | 2499 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | K | | 5341 | ug/L | EPA-200.8 |
| 6/17/2013 10:06 | Mg | | 15280 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | Mg | | 23310 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | Mg | | 15040 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | Mg | | 7030 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | Mg | | 17920 | ug/L | EPA-200.8 |

| Euclid Creek River Mile 6.90 | | | | | |
|---------------------------------|-----------|------|--------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 6/17/2013 10:06 | Mn | | 12.88 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | Mn | | 22.88 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | Mn | | 20.72 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | Mn | | 42.19 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | Mn | | 17.65 | ug/L | EPA-200.8 |
| 6/17/2013 10:06 | Mo | | 2.874 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | Mo | | 3.156 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | Mo | | 2.736 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | Mo | | 1.572 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | Mo | | 3.032 | ug/L | EPA-200.8 |
| 6/17/2013 10:06 | Na | | 323000 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | Na | | 441700 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | Na | | 275900 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | Na | | 88750 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | Na | | 288300 | ug/L | EPA-200.8 |
| 6/17/2013 10:06 | NH3 | j | 0.017 | mg/L | EPA-350.1 |
| 6/24/2013 11:55 | NH3 | | 0.02 | mg/L | EPA-350.1 |
| 7/1/2013 11:51 | NH3 | | 0.066 | mg/L | EPA-350.1 |
| 7/8/2013 10:40 | NH3 | | 0.03 | mg/L | EPA-350.1 |
| 7/15/2013 9:04 | NH3 | | 0.03 | mg/L | EPA-350.1 |
| 6/17/2013 10:06 | Ni | j | 2.456 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | Ni | j | 2.364 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | Ni | j | 2.356 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | Ni | j | 1.839 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | Ni | j | 2.462 | ug/L | EPA-200.8 |
| 6/17/2013 10:06 | NO3-NO2 | | 0.386 | mg/L | EPA 353.2 |
| 6/24/2013 11:55 | NO3-NO2 | | 0.095 | mg/L | EPA 353.2 |
| 7/1/2013 11:51 | NO3-NO2 | | 0.358 | mg/L | EPA 353.2 |
| 7/8/2013 10:40 | NO3-NO2 | | 0.189 | mg/L | EPA 353.2 |
| 7/15/2013 9:04 | NO3-NO2 | | 0.463 | mg/L | EPA 353.2 |
| 6/17/2013 10:06 | Pb | < | 0.166 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | Pb | < | 0.166 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | Pb | < | 0.166 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | Pb | | 1.258 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | Pb | j | 0.073 | ug/L | EPA-200.8 |
| 6/17/2013 10:06 | pH | | 7.91 | S.U. | |
| 6/24/2013 11:55 | pH | | 8.11 | S.U. | |
| 7/1/2013 11:51 | pH | | 7.86 | S.U. | |
| 7/8/2013 10:40 | pH | | 7.67 | S.U. | |

Euclid Creek
River Mile 6.90

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|---------|-------|-----------|
| 7/15/2013 9:04 | pH | | 7.81 | S.U. | |
| 6/17/2013 10:06 | Sb | j | 0.396 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | Sb | j | 0.366 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | Sb | j | 0.403 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | Sb | j | 0.619 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | Sb | < | 0.09 | ug/L | EPA-200.8 |
| 6/17/2013 10:06 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | Se | < | 0.66 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | Se | < | 0.66 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | Sn | < | 0.172 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | Sn | < | 0.172 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | Sn | j | 0.183 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | Sn | < | 0.178 | ug/L | EPA-200.8 |
| 6/17/2013 10:06 | SO4 | | 70.24 | mg/L | EPA 300.0 |
| 6/24/2013 11:55 | SO4 | | 92.58 | mg/L | EPA 300.0 |
| 7/1/2013 11:51 | SO4 | | 63.48 | mg/L | EPA 300.0 |
| 7/8/2013 10:40 | SO4 | | 31.52 | mg/L | EPA 300.0 |
| 7/15/2013 9:04 | SO4 | | 82.24 | mg/L | EPA 300.0 |
| 6/17/2013 10:06 | Sr | | 407.408 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | Sr | | 580.817 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | Sr | | 408.353 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | Sr | | 172.208 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | Sr | | 454.133 | ug/L | EPA-200.8 |
| 6/17/2013 10:06 | TDS | | 1030 | mg/L | SM2540C |
| 6/24/2013 11:55 | TDS | | 1612 | mg/L | SM2540C |
| 7/1/2013 11:51 | TDS | | 988 | mg/L | SM2540C |
| 7/8/2013 10:40 | TDS | | 382 | mg/L | SM2540C |
| 7/15/2013 9:04 | TDS | | 1238 | mg/L | SM2540C |
| 6/17/2013 10:06 | Ti | | 43.24 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | Ti | | 60.38 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | Ti | | 41.81 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | Ti | | 3.221 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | Ti | j | 0.591 | ug/L | EPA-200.8 |
| 6/17/2013 10:06 | TKN | | 0.583 | mg/L | EPA-351.1 |
| 6/24/2013 11:55 | TKN | j | 0.324 | mg/L | EPA-351.1 |
| 7/1/2013 11:51 | TKN | | 0.893 | mg/L | EPA-351.1 |

| Euclid Creek River Mile 6.90 | | | | | |
|---------------------------------|-----------|------|--------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 7/8/2013 10:40 | TKN | | 0.943 | mg/L | EPA-351.1 |
| 7/15/2013 9:04 | TKN | j | 0.328 | mg/L | EPA-351.1 |
| 6/17/2013 10:06 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | TI | < | 0.6 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | TI | < | 0.6 | ug/L | EPA-200.8 |
| 6/17/2013 10:06 | TMET | < | 10 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | TMET | < | 10 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | TMET | < | 10 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | TMET | | 14.2 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | TMET | < | 10 | ug/L | EPA-200.8 |
| 6/17/2013 10:06 | Total-P | | 0.029 | mg/L | EPA 365.1 |
| 6/24/2013 11:55 | Total-P | | 0.02 | mg/L | EPA 365.1 |
| 7/1/2013 11:51 | Total-P | | 0.039 | mg/L | EPA 365.1 |
| 7/8/2013 10:40 | Total-P | | 0.169 | mg/L | EPA 365.1 |
| 7/15/2013 9:04 | Total-P | | 0.027 | mg/L | EPA 365.1 |
| 6/17/2013 10:06 | TS | | 1080 | mg/L | SM2540B |
| 6/24/2013 11:55 | TS | | 1684 | mg/L | SM2540B |
| 7/1/2013 11:51 | TS | | 1120 | mg/L | SM2540B |
| 7/8/2013 10:40 | TS | | 396 | mg/L | SM2540B |
| 7/15/2013 9:04 | TS | | 1362 | mg/L | SM2540B |
| 6/17/2013 10:06 | TSS | | 1 | mg/L | SM2540D |
| 6/24/2013 11:55 | TSS | | 2.9 | mg/L | SM2540D |
| 7/1/2013 11:51 | TSS | | 1.5 | mg/L | SM2540D |
| 7/8/2013 10:40 | TSS | | 7.4 | mg/L | SM2540D |
| 7/15/2013 9:04 | TSS | | 1.2 | mg/L | SM2540D |
| 6/17/2013 10:06 | Turbidity | | 1.4 | NTU | EPA 180.1 |
| 6/24/2013 11:55 | Turbidity | | 1.66 | NTU | EPA 180.1 |
| 7/1/2013 11:51 | Turbidity | | 1.67 | NTU | EPA 180.1 |
| 7/8/2013 10:40 | Turbidity | | 46.8 | NTU | EPA 180.1 |
| 7/15/2013 9:04 | Turbidity | | 1.52 | NTU | EPA 180.1 |
| 6/17/2013 10:06 | V | < | 1.84 | ug/L | EPA-200.8 |
| 6/24/2013 11:55 | V | < | 1.84 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | V | < | 1.84 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | V | < | 1.04 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | V | < | 1.04 | ug/L | EPA-200.8 |
| 6/17/2013 10:06 | Zn | < | 4.8 | ug/L | EPA-200.8 |

Euclid Creek
River Mile 6.90

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 6/24/2013 11:55 | Zn | < | 4.8 | ug/L | EPA-200.8 |
| 7/1/2013 11:51 | Zn | < | 4.8 | ug/L | EPA-200.8 |
| 7/8/2013 10:40 | Zn | j | 8.357 | ug/L | EPA-200.8 |
| 7/15/2013 9:04 | Zn | j | 2.7 | ug/L | EPA-200.8 |

| Euclid Creek River Mile 3.30 | | | | | |
|---------------------------------|------------|------|--------|-----------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 6/17/2013 11:15 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | Ag | < | 0.038 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | Ag | < | 0.038 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | Al | | 24.95 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Al | | 52.38 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | Al | | 30.5 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | Al | | 816.9 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | Al | | 31.84 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | Alkalinity | | 118.2 | mg/LCaCO3 | EPA-310.2 |
| 6/24/2013 10:45 | Alkalinity | | 110 | mg/LCaCO3 | EPA-310.2 |
| 7/1/2013 10:30 | Alkalinity | | 111.7 | mg/LCaCO3 | EPA-310.2 |
| 7/8/2013 9:34 | Alkalinity | | 52 | mg/LCaCO3 | EPA-310.2 |
| 7/15/2013 10:10 | Alkalinity | | 136.2 | mg/LCaCO3 | EPA-310.2 |
| 6/17/2013 11:15 | As | j | 0.585 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | As | j | 0.709 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | As | j | 0.751 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | As | j | 1.544 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | As | j | 0.885 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | Ba | | 46.86 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Ba | | 48.98 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | Ba | | 30.79 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | Ba | | 22.82 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | Ba | | 40.71 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | Be | < | 0.126 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Be | < | 0.126 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | BOD | | 2.9 | mg/L | SM 5210 |
| 7/1/2013 10:30 | BOD | < | 2 | mg/L | SM 5210 |
| 7/8/2013 9:34 | BOD | < | 2 | mg/L | SM 5210 |
| 7/15/2013 10:10 | BOD | < | 2 | mg/L | SM 5210 |
| 6/17/2013 11:15 | Ca | | 84890 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Ca | | 82140 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | Ca | | 56370 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | Ca | | 35230 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | Ca | | 75270 | ug/L | EPA-200.8 |

Euclid Creek
River Mile 3.30

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-----------|-----------|
| 6/17/2013 11:15 | CaCO3 | | 288 | mg/LCaCO3 | EPA-200.8 |
| 6/24/2013 10:45 | CaCO3 | | 288 | mg/LCaCO3 | EPA-200.8 |
| 7/1/2013 10:30 | CaCO3 | | 193 | mg/LCaCO3 | EPA-200.8 |
| 7/8/2013 9:34 | CaCO3 | | 118 | mg/LCaCO3 | EPA-200.8 |
| 7/15/2013 10:10 | CaCO3 | | 257 | mg/LCaCO3 | EPA-200.8 |
| 6/17/2013 11:15 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | Cd | < | 0.076 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | Cd | < | 0.076 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | Chloride | | 508.8 | mg/L | EPA 300.0 |
| 6/24/2013 10:45 | Chloride | | 562.6 | mg/L | EPA 300.0 |
| 7/1/2013 10:30 | Chloride | | 304.6 | mg/L | EPA 300.0 |
| 7/8/2013 9:34 | Chloride | | 205.5 | mg/L | EPA 300.0 |
| 7/15/2013 10:10 | Chloride | | 388.4 | mg/L | EPA 300.0 |
| 6/17/2013 11:15 | Co | j | 0.175 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Co | j | 0.213 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | Co | j | 0.186 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | Co | j | 0.653 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | Co | j | 0.187 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | COD | | 21.2 | mg/L | EPA 410.4 |
| 7/1/2013 10:30 | COD | | 35.7 | mg/L | EPA 410.4 |
| 7/8/2013 9:34 | COD | | 19.8 | mg/L | EPA 410.4 |
| 7/15/2013 10:10 | COD | | 16.4 | mg/L | EPA 410.4 |
| 6/17/2013 11:15 | Cr | j | 0.603 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | Cr | | 1.642 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | Cr | j | 0.51 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | Cu | | 3.86 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Cu | | 3.23 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | Cu | | 3.39 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | Cu | | 4.663 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | Cu | | 3.2 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | DRPhos | | 0.011 | mg/L | EPA 365.1 |
| 6/24/2013 10:45 | DRPhos | j | 0.005 | mg/L | EPA 365.1 |
| 7/1/2013 10:30 | DRPhos | | 0.011 | mg/L | EPA 365.1 |
| 7/8/2013 9:34 | DRPhos | | 0.016 | mg/L | EPA 365.1 |
| 7/15/2013 10:10 | DRPhos | | 0.014 | mg/L | EPA 365.1 |

| Euclid Creek River Mile 3.30 | | | | | |
|---------------------------------|------------|------|--------|-----------|-------------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 6/17/2013 11:15 | E. coli | | 66 | cfu/100mL | EPA 1603 |
| 6/24/2013 10:45 | E. coli | | 74 | cfu/100mL | EPA 1603 |
| 7/1/2013 10:30 | E. coli | | 71 | cfu/100mL | EPA 1603 |
| 7/8/2013 9:34 | E. coli | EC | 785 | cfu/100mL | EPA 1603 |
| 7/15/2013 10:10 | E. coli | | 72 | cfu/100mL | EPA 1603 |
| 6/17/2013 11:15 | Fe | | 34.14 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Fe | | 64.72 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | Fe | | 68.78 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | Fe | | 1375 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | Fe | | 129.5 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | Field Cond | | 1802 | umhos/cm | SM 2510A |
| 6/24/2013 10:45 | Field Cond | | 2023 | umhos/cm | SM 2510A |
| 7/1/2013 10:30 | Field Cond | | 1125 | umhos/cm | SM 2510A |
| 7/8/2013 9:34 | Field Cond | | 848 | umhos/cm | SM 2510A |
| 7/15/2013 10:10 | Field Cond | | 1549 | umhos/cm | SM 2510A |
| 6/17/2013 11:15 | Field DO | | 8.04 | mg/L | SM 4500-0 G |
| 6/24/2013 10:45 | Field DO | | 7.96 | mg/L | SM 4500-0 G |
| 7/1/2013 10:30 | Field DO | | 8.13 | mg/L | SM 4500-0 G |
| 7/8/2013 9:34 | Field DO | | 8.76 | mg/L | SM 4500-0 G |
| 7/15/2013 10:10 | Field DO | | 8.34 | mg/L | SM 4500-0 G |
| 6/17/2013 11:15 | Field Temp | | 19.2 | C | EPA 170.1 |
| 6/24/2013 10:45 | Field Temp | | 22.9 | C | EPA 170.1 |
| 7/1/2013 10:30 | Field Temp | | 19.6 | C | EPA 170.1 |
| 7/8/2013 9:34 | Field Temp | | 20.5 | C | EPA 170.1 |
| 7/15/2013 10:10 | Field Temp | | 23 | C | EPA 170.1 |
| 6/17/2013 11:15 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 6/24/2013 10:45 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/1/2013 10:30 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/8/2013 9:34 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/15/2013 10:10 | Hg | < | 0.008 | ug/L | EPA 245.1 |
| 6/17/2013 11:15 | K | | 5061 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | K | | 5628 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | K | | 4002 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | K | | 3299 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | K | | 5320 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | Mg | | 18600 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Mg | | 20000 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | Mg | | 12790 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | Mg | | 7200 | ug/L | EPA-200.8 |

| Euclid Creek River Mile 3.30 | | | | | |
|---------------------------------|-----------|------|--------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 7/15/2013 10:10 | Mg | | 16690 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | Mn | | 4.301 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Mn | | 6.138 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | Mn | | 5.144 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | Mn | | 22.58 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | Mn | | 4.693 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | Mo | | 2.828 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Mo | | 2.844 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | Mo | | 2.593 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | Mo | | 2.068 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | Mo | | 3.105 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | Na | | 304600 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Na | | 303000 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | Na | | 193200 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | Na | | 128000 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | Na | | 206600 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | NH3 | j | 0.014 | mg/L | EPA-350.1 |
| 6/24/2013 10:45 | NH3 | j | 0.014 | mg/L | EPA-350.1 |
| 7/1/2013 10:30 | NH3 | | 0.024 | mg/L | EPA-350.1 |
| 7/8/2013 9:34 | NH3 | | 0.032 | mg/L | EPA-350.1 |
| 7/15/2013 10:10 | NH3 | | 0.053 | mg/L | EPA-350.1 |
| 6/17/2013 11:15 | Ni | j | 2.901 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Ni | j | 2.725 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | Ni | j | 2.558 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | Ni | j | 3.038 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | Ni | j | 2.805 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | NO3-NO2 | | 0.385 | mg/L | EPA 353.2 |
| 6/24/2013 10:45 | NO3-NO2 | | 0.165 | mg/L | EPA 353.2 |
| 7/1/2013 10:30 | NO3-NO2 | | 0.264 | mg/L | EPA 353.2 |
| 7/8/2013 9:34 | NO3-NO2 | | 0.623 | mg/L | EPA 353.2 |
| 7/15/2013 10:10 | NO3-NO2 | | 0.363 | mg/L | EPA 353.2 |
| 6/17/2013 11:15 | Pb | < | 0.166 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Pb | < | 0.166 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | Pb | j | 0.176 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | Pb | | 1.368 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | Pb | j | 0.063 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | pH | | 8.03 | S.U. | |
| 6/24/2013 10:45 | pH | | 7.93 | S.U. | |

Euclid Creek
River Mile 3.30

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|---------|-------|-----------|
| 7/1/2013 10:30 | pH | | 7.94 | S.U. | |
| 7/8/2013 9:34 | pH | | 7.96 | S.U. | |
| 7/15/2013 10:10 | pH | | 8.04 | S.U. | |
| 6/17/2013 11:15 | Sb | j | 0.413 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Sb | j | 0.352 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | Sb | j | 0.395 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | Sb | j | 0.423 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | Sb | < | 0.09 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | Se | < | 0.66 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | Se | < | 0.66 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | Sn | j | 0.472 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Sn | < | 0.172 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | Sn | < | 0.172 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | Sn | < | 0.178 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | Sn | < | 0.178 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | SO4 | | 82.36 | mg/L | EPA 300.0 |
| 6/24/2013 10:45 | SO4 | | 98.06 | mg/L | EPA 300.0 |
| 7/1/2013 10:30 | SO4 | | 59.96 | mg/L | EPA 300.0 |
| 7/8/2013 9:34 | SO4 | | 39.44 | mg/L | EPA 300.0 |
| 7/15/2013 10:10 | SO4 | | 84.68 | mg/L | EPA 300.0 |
| 6/17/2013 11:15 | Sr | | 451.922 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Sr | | 456.958 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | Sr | | 311.64 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | Sr | | 186.898 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | Sr | | 390.925 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | TDS | | 1108 | mg/L | SM2540C |
| 6/24/2013 10:45 | TDS | | 1148 | mg/L | SM2540C |
| 7/1/2013 10:30 | TDS | | 688 | mg/L | SM2540C |
| 7/8/2013 9:34 | TDS | | 506 | mg/L | SM2540C |
| 7/15/2013 10:10 | TDS | | 900 | mg/L | SM2540C |
| 6/17/2013 11:15 | Ti | | 49.22 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Ti | | 48.56 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | Ti | | 33.16 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | Ti | | 6.934 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | Ti | j | 0.59 | ug/L | EPA-200.8 |

| Euclid Creek River Mile 3.30 | | | | | |
|---------------------------------|-----------|------|--------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 6/17/2013 11:15 | TKN | | 0.694 | mg/L | EPA-351.1 |
| 6/24/2013 10:45 | TKN | j | 0.204 | mg/L | EPA-351.1 |
| 7/1/2013 10:30 | TKN | j | 0.228 | mg/L | EPA-351.1 |
| 7/8/2013 9:34 | TKN | | 0.632 | mg/L | EPA-351.1 |
| 7/15/2013 10:10 | TKN | j | 0.22 | mg/L | EPA-351.1 |
| 6/17/2013 11:15 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | TI | < | 0.6 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | TI | < | 0.6 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | TMET | < | 10 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | TMET | < | 10 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | TMET | < | 10 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | TMET | | 19.1 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | TMET | < | 10 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | Total-P | | 0.016 | mg/L | EPA 365.1 |
| 6/24/2013 10:45 | Total-P | | 0.017 | mg/L | EPA 365.1 |
| 7/1/2013 10:30 | Total-P | | 0.018 | mg/L | EPA 365.1 |
| 7/8/2013 9:34 | Total-P | | 0.076 | mg/L | EPA 365.1 |
| 7/15/2013 10:10 | Total-P | | 0.02 | mg/L | EPA 365.1 |
| 6/17/2013 11:15 | TS | | 1136 | mg/L | SM2540B |
| 6/24/2013 10:45 | TS | | 1252 | mg/L | SM2540B |
| 7/1/2013 10:30 | TS | | 752 | mg/L | SM2540B |
| 7/8/2013 9:34 | TS | | 559 | mg/L | SM2540B |
| 7/15/2013 10:10 | TS | | 974 | mg/L | SM2540B |
| 6/17/2013 11:15 | TSS | | 1.1 | mg/L | SM2540D |
| 6/24/2013 10:45 | TSS | | 3.5 | mg/L | SM2540D |
| 7/1/2013 10:30 | TSS | j | 0.9 | mg/L | SM2540D |
| 7/8/2013 9:34 | TSS | | 26.2 | mg/L | SM2540D |
| 7/15/2013 10:10 | TSS | | 1.2 | mg/L | SM2540D |
| 6/17/2013 11:15 | Turbidity | | 0.63 | NTU | EPA 180.1 |
| 6/24/2013 10:45 | Turbidity | | 0.97 | NTU | EPA 180.1 |
| 7/1/2013 10:30 | Turbidity | | 0.7 | NTU | EPA 180.1 |
| 7/8/2013 9:34 | Turbidity | | 45.8 | NTU | EPA 180.1 |
| 7/15/2013 10:10 | Turbidity | | 0.75 | NTU | EPA 180.1 |
| 6/17/2013 11:15 | V | < | 1.84 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | V | < | 1.84 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | V | < | 1.84 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | V | j | 1.276 | ug/L | EPA-200.8 |

Euclid Creek
River Mile 3.30

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 7/15/2013 10:10 | V | < | 1.04 | ug/L | EPA-200.8 |
| 6/17/2013 11:15 | Zn | < | 4.8 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Zn | < | 4.8 | ug/L | EPA-200.8 |
| 7/1/2013 10:30 | Zn | < | 4.8 | ug/L | EPA-200.8 |
| 7/8/2013 9:34 | Zn | j | 9.75 | ug/L | EPA-200.8 |
| 7/15/2013 10:10 | Zn | j | 1.754 | ug/L | EPA-200.8 |

| Euclid Creek River Mile 2.70 | | | | | |
|---------------------------------|------------|------|--------|-----------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 6/17/2013 10:52 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | Ag | j | 0.241 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | Ag | < | 0.038 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | Ag | < | 0.038 | ug/L | EPA-200.8 |
| 6/17/2013 10:52 | Al | | 30.59 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | Al | | 37.95 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | Al | | 30.67 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | Al | | 793.4 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | Al | | 32.19 | ug/L | EPA-200.8 |
| 6/17/2013 10:52 | Alkalinity | | 118 | mg/LCaCO3 | EPA-310.2 |
| 6/24/2013 10:10 | Alkalinity | | 118.1 | mg/LCaCO3 | EPA-310.2 |
| 7/1/2013 10:10 | Alkalinity | | 115.6 | mg/LCaCO3 | EPA-310.2 |
| 7/8/2013 9:19 | Alkalinity | | 67.2 | mg/LCaCO3 | EPA-310.2 |
| 7/15/2013 10:22 | Alkalinity | | 135.9 | mg/LCaCO3 | EPA-310.2 |
| 6/17/2013 10:52 | As | j | 0.91 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | As | j | 0.989 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | As | j | 1.473 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | As | j | 1.882 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | As | j | 1.188 | ug/L | EPA-200.8 |
| 6/17/2013 10:52 | Ba | | 29.88 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | Ba | | 29.68 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | Ba | | 23.9 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | Ba | | 23.6 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | Ba | | 29.5 | ug/L | EPA-200.8 |
| 6/17/2013 10:52 | Be | < | 0.126 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | Be | < | 0.126 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | Be | j | 0.282 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 6/17/2013 10:52 | BOD | < | 2 | mg/L | SM 5210 |
| 7/1/2013 10:10 | BOD | < | 2 | mg/L | SM 5210 |
| 7/8/2013 9:19 | BOD | < | 2 | mg/L | SM 5210 |
| 7/15/2013 10:22 | BOD | < | 2 | mg/L | SM 5210 |
| 6/17/2013 10:52 | Ca | | 65820 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | Ca | | 61510 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | Ca | | 52080 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | Ca | | 40270 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | Ca | | 65060 | ug/L | EPA-200.8 |

Euclid Creek
River Mile 2.70

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-----------|-----------|
| 6/17/2013 10:52 | CaCO3 | | 228 | mg/LCaCO3 | EPA-200.8 |
| 6/24/2013 10:10 | CaCO3 | | 217 | mg/LCaCO3 | EPA-200.8 |
| 7/1/2013 10:10 | CaCO3 | | 182 | mg/LCaCO3 | EPA-200.8 |
| 7/8/2013 9:19 | CaCO3 | | 137 | mg/LCaCO3 | EPA-200.8 |
| 7/15/2013 10:22 | CaCO3 | | 225 | mg/LCaCO3 | EPA-200.8 |
| 6/17/2013 10:52 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | Cd | j | 0.311 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | Cd | < | 0.076 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | Cd | < | 0.076 | ug/L | EPA-200.8 |
| 6/17/2013 10:52 | Chloride | | 270.7 | mg/L | EPA 300.0 |
| 6/24/2013 10:10 | Chloride | | 242.9 | mg/L | EPA 300.0 |
| 7/1/2013 10:10 | Chloride | | 195.5 | mg/L | EPA 300.0 |
| 7/8/2013 9:19 | Chloride | | 173.9 | mg/L | EPA 300.0 |
| 7/15/2013 10:22 | Chloride | | 200.5 | mg/L | EPA 300.0 |
| 6/17/2013 10:52 | Co | < | 0.134 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | Co | j | 0.144 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | Co | j | 0.364 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | Co | j | 0.646 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | Co | j | 0.149 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | COD | | 44.6 | mg/L | EPA 410.4 |
| 7/8/2013 9:19 | COD | | 16.1 | mg/L | EPA 410.4 |
| 7/15/2013 10:22 | COD | | 10.3 | mg/L | EPA 410.4 |
| 7/8/2013 9:19 | Cr | | 1.582 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | Cr | j | 0.444 | ug/L | EPA-200.8 |
| 6/17/2013 10:52 | Cu | | 2.915 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | Cu | | 2.516 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | Cu | | 2.859 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | Cu | | 4.678 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | Cu | | 2.84 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | DRPhos | | 0.026 | mg/L | EPA 365.1 |
| 7/1/2013 10:10 | DRPhos | | 0.036 | mg/L | EPA 365.1 |
| 7/8/2013 9:19 | DRPhos | | 0.024 | mg/L | EPA 365.1 |
| 7/15/2013 10:22 | DRPhos | | 0.038 | mg/L | EPA 365.1 |
| 6/17/2013 10:52 | E. coli | | 55 | cfu/100mL | EPA 1603 |
| 6/24/2013 10:10 | E. coli | | 165 | cfu/100mL | EPA 1603 |
| 7/1/2013 10:10 | E. coli | | 48 | cfu/100mL | EPA 1603 |

Euclid Creek
River Mile 2.70

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|------------|------|--------|-----------|-------------|
| 7/8/2013 9:19 | E. coli | EC | 745 | cfu/100mL | EPA 1603 |
| 7/15/2013 10:22 | E. coli | EC | 93 | cfu/100mL | EPA 1603 |
| 6/17/2013 10:52 | Fe | | 46.69 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | Fe | | 41.45 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | Fe | | 58.7 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | Fe | | 1344 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | Fe | | 115.8 | ug/L | EPA-200.8 |
| 6/17/2013 10:52 | Field Cond | | 1148 | umhos/cm | SM 2510A |
| 6/24/2013 10:10 | Field Cond | | 1075 | umhos/cm | SM 2510A |
| 7/1/2013 10:10 | Field Cond | | 778 | umhos/cm | SM 2510A |
| 7/8/2013 9:19 | Field Cond | | 801 | umhos/cm | SM 2510A |
| 7/15/2013 10:22 | Field Cond | | 1029 | umhos/cm | SM 2510A |
| 6/17/2013 10:52 | Field DO | | 9.72 | mg/L | SM 4500-0 G |
| 6/24/2013 10:10 | Field DO | | 10.2 | mg/L | SM 4500-0 G |
| 7/1/2013 10:10 | Field DO | | 8.75 | mg/L | SM 4500-0 G |
| 7/8/2013 9:19 | Field DO | | 8.78 | mg/L | SM 4500-0 G |
| 7/15/2013 10:22 | Field DO | | 9.12 | mg/L | SM 4500-0 G |
| 6/17/2013 10:52 | Field Temp | | 20.3 | C | EPA 170.1 |
| 6/24/2013 10:10 | Field Temp | | 22.7 | C | EPA 170.1 |
| 7/1/2013 10:10 | Field Temp | | 19.8 | C | EPA 170.1 |
| 7/8/2013 9:19 | Field Temp | | 20.7 | C | EPA 170.1 |
| 7/15/2013 10:22 | Field Temp | | 23.1 | C | EPA 170.1 |
| 6/17/2013 10:52 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 6/24/2013 10:10 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/1/2013 10:10 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/8/2013 9:19 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/15/2013 10:22 | Hg | < | 0.008 | ug/L | EPA 245.1 |
| 6/17/2013 10:52 | K | | 4189 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | K | | 4290 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | K | | 3723 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | K | | 3512 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | K | | 4644 | ug/L | EPA-200.8 |
| 6/17/2013 10:52 | Mg | | 15550 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | Mg | | 15300 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | Mg | | 12690 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | Mg | | 8952 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | Mg | | 15250 | ug/L | EPA-200.8 |
| 6/17/2013 10:52 | Mn | | 5.292 | ug/L | EPA-200.8 |

| Euclid Creek River Mile 2.70 | | | | | |
|---------------------------------|-----------|------|--------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 6/24/2013 10:10 | Mn | | 5.006 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | Mn | | 5.274 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | Mn | | 24.78 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | Mn | | 5.777 | ug/L | EPA-200.8 |
| 6/17/2013 10:52 | Mo | | 2.846 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | Mo | | 2.78 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | Mo | | 2.82 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | Mo | | 2.323 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | Mo | | 2.96 | ug/L | EPA-200.8 |
| 6/17/2013 10:52 | Na | | 164800 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | Na | | 146400 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | Na | | 121200 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | Na | | 120200 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | Na | | 126700 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | NH3 | | 0.021 | mg/L | EPA-350.1 |
| 7/1/2013 10:10 | NH3 | j | 0.016 | mg/L | EPA-350.1 |
| 7/8/2013 9:19 | NH3 | | 0.034 | mg/L | EPA-350.1 |
| 7/15/2013 10:22 | NH3 | | 0.078 | mg/L | EPA-350.1 |
| 6/17/2013 10:52 | Ni | j | 2.207 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | Ni | < | 1.96 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | Ni | j | 2.281 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | Ni | j | 3.008 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | Ni | j | 2.387 | ug/L | EPA-200.8 |
| 6/17/2013 10:52 | NO3-NO2 | | 0.342 | mg/L | EPA 353.2 |
| 6/24/2013 10:10 | NO3-NO2 | | 0.293 | mg/L | EPA 353.2 |
| 7/1/2013 10:10 | NO3-NO2 | | 0.362 | mg/L | EPA 353.2 |
| 7/8/2013 9:19 | NO3-NO2 | | 0.533 | mg/L | EPA 353.2 |
| 7/15/2013 10:22 | NO3-NO2 | | 0.375 | mg/L | EPA 353.2 |
| 6/17/2013 10:52 | Pb | < | 0.166 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | Pb | < | 0.166 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | Pb | j | 0.419 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | Pb | | 1.396 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | Pb | < | 0.062 | ug/L | EPA-200.8 |
| 6/17/2013 10:52 | pH | | 8.16 | S.U. | |
| 6/24/2013 10:10 | pH | | 8.17 | S.U. | |
| 7/1/2013 10:10 | pH | | 8.07 | S.U. | |
| 7/8/2013 9:19 | pH | | 7.99 | S.U. | |
| 7/15/2013 10:22 | pH | | 8.17 | S.U. | |

Euclid Creek
River Mile 2.70

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|---------|-------|-----------|
| 6/17/2013 10:52 | Sb | j | 0.327 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | Sb | j | 0.332 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | Sb | j | 0.58 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | Sb | j | 0.417 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | Sb | < | 0.09 | ug/L | EPA-200.8 |
| 6/17/2013 10:52 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | Se | < | 0.66 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | Se | < | 0.66 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | Sn | < | 0.172 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | Sn | j | 0.294 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | Sn | < | 0.178 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | Sn | < | 0.178 | ug/L | EPA-200.8 |
| 6/17/2013 10:52 | SO4 | | 61.76 | mg/L | EPA 300.0 |
| 6/24/2013 10:10 | SO4 | | 65.48 | mg/L | EPA 300.0 |
| 7/1/2013 10:10 | SO4 | | 48.16 | mg/L | EPA 300.0 |
| 7/8/2013 9:19 | SO4 | | 40.04 | mg/L | EPA 300.0 |
| 7/15/2013 10:22 | SO4 | | 62.79 | mg/L | EPA 300.0 |
| 6/17/2013 10:52 | Sr | | 330.541 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | Sr | | 316.328 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | Sr | | 271.595 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | Sr | | 209.792 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | Sr | | 320.892 | ug/L | EPA-200.8 |
| 6/17/2013 10:52 | TDS | | 666 | mg/L | SM2540C |
| 6/24/2013 10:10 | TDS | | 664 | mg/L | SM2540C |
| 7/1/2013 10:10 | TDS | | 504 | mg/L | SM2540C |
| 7/8/2013 9:19 | TDS | | 478 | mg/L | SM2540C |
| 7/15/2013 10:22 | TDS | | 616 | mg/L | SM2540C |
| 6/17/2013 10:52 | Ti | | 39.78 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | Ti | | 37.77 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | Ti | | 31 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | Ti | | 6.97 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | Ti | j | 0.677 | ug/L | EPA-200.8 |
| 6/17/2013 10:52 | TKN | | 0.609 | mg/L | EPA-351.1 |
| 6/24/2013 10:10 | TKN | < | 0.2 | mg/L | EPA-351.1 |
| 7/1/2013 10:10 | TKN | | 0.514 | mg/L | EPA-351.1 |
| 7/8/2013 9:19 | TKN | | 0.559 | mg/L | EPA-351.1 |
| 7/15/2013 10:22 | TKN | j | 0.328 | mg/L | EPA-351.1 |

Euclid Creek
River Mile 2.70

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 6/17/2013 10:52 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | TI | j | 0.312 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | TI | < | 0.6 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | TI | < | 0.6 | ug/L | EPA-200.8 |
| 6/17/2013 10:52 | TMET | < | 10 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | TMET | < | 10 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | TMET | < | 10 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | TMET | | 18.3 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | TMET | < | 10 | ug/L | EPA-200.8 |
| 6/17/2013 10:52 | Total-P | | 0.035 | mg/L | EPA 365.1 |
| 6/24/2013 10:10 | Total-P | | 0.034 | mg/L | EPA 365.1 |
| 7/1/2013 10:10 | Total-P | | 0.041 | mg/L | EPA 365.1 |
| 7/8/2013 9:19 | Total-P | | 0.073 | mg/L | EPA 365.1 |
| 7/15/2013 10:22 | Total-P | | 0.043 | mg/L | EPA 365.1 |
| 6/17/2013 10:52 | TS | | 698 | mg/L | SM2540B |
| 6/24/2013 10:10 | TS | | 646 | mg/L | SM2540B |
| 7/1/2013 10:10 | TS | | 532 | mg/L | SM2540B |
| 7/8/2013 9:19 | TS | | 528 | mg/L | SM2540B |
| 7/15/2013 10:22 | TS | | 654 | mg/L | SM2540B |
| 6/17/2013 10:52 | TSS | | 1.4 | mg/L | SM2540D |
| 6/24/2013 10:10 | TSS | | 1.6 | mg/L | SM2540D |
| 7/1/2013 10:10 | TSS | | 1 | mg/L | SM2540D |
| 7/8/2013 9:19 | TSS | | 24.8 | mg/L | SM2540D |
| 7/15/2013 10:22 | TSS | | 1.2 | mg/L | SM2540D |
| 6/17/2013 10:52 | Turbidity | | 0.97 | NTU | EPA 180.1 |
| 6/24/2013 10:10 | Turbidity | | 1.08 | NTU | EPA 180.1 |
| 7/1/2013 10:10 | Turbidity | | 1.21 | NTU | EPA 180.1 |
| 7/8/2013 9:19 | Turbidity | | 37.8 | NTU | EPA 180.1 |
| 7/15/2013 10:22 | Turbidity | | 1.06 | NTU | EPA 180.1 |
| 6/17/2013 10:52 | V | < | 1.84 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | V | < | 1.84 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | V | < | 1.84 | ug/L | EPA-200.8 |
| 7/8/2013 9:19 | V | j | 1.178 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | V | < | 1.04 | ug/L | EPA-200.8 |
| 6/17/2013 10:52 | Zn | < | 4.8 | ug/L | EPA-200.8 |
| 6/24/2013 10:10 | Zn | < | 4.8 | ug/L | EPA-200.8 |
| 7/1/2013 10:10 | Zn | < | 4.8 | ug/L | EPA-200.8 |

Euclid Creek
River Mile 2.70

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 7/8/2013 9:19 | Zn | j | 9.019 | ug/L | EPA-200.8 |
| 7/15/2013 10:22 | Zn | j | 1.78 | ug/L | EPA-200.8 |

| Euclid Creek River Mile 1.65 | | | | | |
|---------------------------------|------------|------|--------|-----------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 6/17/2013 10:34 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | Ag | < | 0.033 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | Ag | < | 0.038 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | Ag | < | 0.038 | ug/L | EPA-200.8 |
| 6/17/2013 10:34 | Al | | 42.26 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | Al | | 53.79 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | Al | | 43.93 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | Al | | 1114 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | Al | | 39.45 | ug/L | EPA-200.8 |
| 6/17/2013 10:34 | Alkalinity | | 119.7 | mg/LCaCO3 | EPA-310.2 |
| 6/24/2013 9:45 | Alkalinity | | 119.2 | mg/LCaCO3 | EPA-310.2 |
| 7/1/2013 9:54 | Alkalinity | | 115.8 | mg/LCaCO3 | EPA-310.2 |
| 7/8/2013 9:03 | Alkalinity | | 62.8 | mg/LCaCO3 | EPA-310.2 |
| 7/15/2013 10:44 | Alkalinity | | 136.7 | mg/LCaCO3 | EPA-310.2 |
| 6/17/2013 10:34 | As | j | 0.836 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | As | j | 0.9 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | As | | 1.248 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | As | j | 1.88 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | As | j | 1.02 | ug/L | EPA-200.8 |
| 6/17/2013 10:34 | Ba | | 30.07 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | Ba | | 31.22 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | Ba | | 23.73 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | Ba | | 23.21 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | Ba | | 29.57 | ug/L | EPA-200.8 |
| 6/17/2013 10:34 | Be | < | 0.126 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | Be | < | 0.126 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 6/17/2013 10:34 | BOD | < | 2 | mg/L | SM 5210 |
| 7/1/2013 9:54 | BOD | < | 2 | mg/L | SM 5210 |
| 7/8/2013 9:03 | BOD | < | 2 | mg/L | SM 5210 |
| 7/15/2013 10:44 | BOD | < | 2 | mg/L | SM 5210 |
| 6/17/2013 10:34 | Ca | | 65020 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | Ca | | 66740 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | Ca | | 51140 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | Ca | | 37410 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | Ca | | 66520 | ug/L | EPA-200.8 |

Euclid Creek
River Mile 1.65

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-----------|-----------|
| 6/17/2013 10:34 | CaCO3 | | 226 | mg/LCaCO3 | EPA-200.8 |
| 6/24/2013 9:45 | CaCO3 | | 235 | mg/LCaCO3 | EPA-200.8 |
| 7/1/2013 9:54 | CaCO3 | | 178 | mg/LCaCO3 | EPA-200.8 |
| 7/8/2013 9:03 | CaCO3 | | 128 | mg/LCaCO3 | EPA-200.8 |
| 7/15/2013 10:44 | CaCO3 | | 232 | mg/LCaCO3 | EPA-200.8 |
| 6/17/2013 10:34 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | Cd | < | 0.11 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | Cd | < | 0.076 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | Cd | < | 0.076 | ug/L | EPA-200.8 |
| 6/17/2013 10:34 | Chloride | | 255.4 | mg/L | EPA 300.0 |
| 6/24/2013 9:45 | Chloride | | 261.4 | mg/L | EPA 300.0 |
| 7/1/2013 9:54 | Chloride | | 172.1 | mg/L | EPA 300.0 |
| 7/8/2013 9:03 | Chloride | | 172.2 | mg/L | EPA 300.0 |
| 7/15/2013 10:44 | Chloride | | 195.1 | mg/L | EPA 300.0 |
| 6/17/2013 10:34 | Co | j | 0.214 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | Co | j | 0.243 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | Co | j | 0.208 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | Co | j | 0.91 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | Co | j | 0.229 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | COD | | 45.4 | mg/L | EPA 410.4 |
| 7/8/2013 9:03 | COD | | 16.9 | mg/L | EPA 410.4 |
| 7/15/2013 10:44 | COD | | 14.8 | mg/L | EPA 410.4 |
| 7/8/2013 9:03 | Cr | | 2.073 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | Cr | j | 0.586 | ug/L | EPA-200.8 |
| 6/17/2013 10:34 | Cu | | 3.029 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | Cu | | 2.653 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | Cu | | 4.04 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | Cu | | 5.12 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | Cu | | 3.004 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | DRPhos | | 0.014 | mg/L | EPA 365.1 |
| 7/1/2013 9:54 | DRPhos | | 0.024 | mg/L | EPA 365.1 |
| 7/8/2013 9:03 | DRPhos | | 0.022 | mg/L | EPA 365.1 |
| 7/15/2013 10:44 | DRPhos | | 0.026 | mg/L | EPA 365.1 |
| 6/17/2013 10:34 | E. coli | | 125 | cfu/100mL | EPA 1603 |
| 6/24/2013 9:45 | E. coli | | 354 | cfu/100mL | EPA 1603 |
| 7/1/2013 9:54 | E. coli | | 140 | cfu/100mL | EPA 1603 |

| Euclid Creek River Mile 1.65 | | | | | |
|---------------------------------|------------|------|--------|-----------|-------------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 7/8/2013 9:03 | E. coli | EC | 770 | cfu/100mL | EPA 1603 |
| 7/15/2013 10:44 | E. coli | | 225 | cfu/100mL | EPA 1603 |
| 6/17/2013 10:34 | Fe | | 131.9 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | Fe | | 122.1 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | Fe | | 157.4 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | Fe | | 1932 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | Fe | | 183 | ug/L | EPA-200.8 |
| 6/17/2013 10:34 | Field Cond | | 1120 | umhos/cm | SM 2510A |
| 6/24/2013 9:45 | Field Cond | | 1153 | umhos/cm | SM 2510A |
| 7/1/2013 9:54 | Field Cond | | 801 | umhos/cm | SM 2510A |
| 7/8/2013 9:03 | Field Cond | | 792 | umhos/cm | SM 2510A |
| 7/15/2013 10:44 | Field Cond | | 1042 | umhos/cm | SM 2510A |
| 6/17/2013 10:34 | Field DO | | 9.3 | mg/L | SM 4500-0 G |
| 6/24/2013 9:45 | Field DO | | 8.21 | mg/L | SM 4500-0 G |
| 7/1/2013 9:54 | Field DO | | 8.43 | mg/L | SM 4500-0 G |
| 7/8/2013 9:03 | Field DO | | 8.51 | mg/L | SM 4500-0 G |
| 7/15/2013 10:44 | Field DO | | 9.26 | mg/L | SM 4500-0 G |
| 6/17/2013 10:34 | Field Temp | | 20.2 | C | EPA 170.1 |
| 6/24/2013 9:45 | Field Temp | | 23.1 | C | EPA 170.1 |
| 7/1/2013 9:54 | Field Temp | | 19.9 | C | EPA 170.1 |
| 7/8/2013 9:03 | Field Temp | | 20.7 | C | EPA 170.1 |
| 7/15/2013 10:44 | Field Temp | | 23.4 | C | EPA 170.1 |
| 6/17/2013 10:34 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 6/24/2013 9:45 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/1/2013 9:54 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/8/2013 9:03 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/15/2013 10:44 | Hg | < | 0.008 | ug/L | EPA 245.1 |
| 6/17/2013 10:34 | K | | 4244 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | K | | 4716 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | K | | 3664 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | K | | 3417 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | K | | 4827 | ug/L | EPA-200.8 |
| 6/17/2013 10:34 | Mg | | 15560 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | Mg | | 16550 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | Mg | | 12320 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | Mg | | 8344 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | Mg | | 15940 | ug/L | EPA-200.8 |
| 6/17/2013 10:34 | Mn | | 16.57 | ug/L | EPA-200.8 |

| Euclid Creek River Mile 1.65 | | | | | |
|---------------------------------|-----------|------|--------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 6/24/2013 9:45 | Mn | | 20.19 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | Mn | | 13.96 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | Mn | | 39.42 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | Mn | | 17.31 | ug/L | EPA-200.8 |
| 6/17/2013 10:34 | Mo | | 4.085 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | Mo | | 3.409 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | Mo | | 3.436 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | Mo | | 2.419 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | Mo | | 3.691 | ug/L | EPA-200.8 |
| 6/17/2013 10:34 | Na | | 157800 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | Na | | 156000 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | Na | | 116700 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | Na | | 113000 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | Na | | 126500 | ug/L | EPA-200.8 |
| 6/17/2013 10:34 | NH3 | | 0.021 | mg/L | EPA-350.1 |
| 6/24/2013 9:45 | NH3 | | 0.023 | mg/L | EPA-350.1 |
| 7/1/2013 9:54 | NH3 | | 0.027 | mg/L | EPA-350.1 |
| 7/8/2013 9:03 | NH3 | | 0.042 | mg/L | EPA-350.1 |
| 7/15/2013 10:44 | NH3 | | 0.076 | mg/L | EPA-350.1 |
| 6/17/2013 10:34 | Ni | j | 2.272 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | Ni | j | 2.367 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | Ni | | 2.122 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | Ni | j | 3.533 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | Ni | j | 2.526 | ug/L | EPA-200.8 |
| 6/17/2013 10:34 | NO3-NO2 | | 0.328 | mg/L | EPA 353.2 |
| 6/24/2013 9:45 | NO3-NO2 | | 0.293 | mg/L | EPA 353.2 |
| 7/1/2013 9:54 | NO3-NO2 | | 0.352 | mg/L | EPA 353.2 |
| 7/8/2013 9:03 | NO3-NO2 | | 0.532 | mg/L | EPA 353.2 |
| 7/15/2013 10:44 | NO3-NO2 | | 0.358 | mg/L | EPA 353.2 |
| 6/17/2013 10:34 | Pb | j | 0.215 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | Pb | j | 0.228 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | Pb | j | 0.257 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | Pb | | 1.88 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | Pb | j | 0.185 | ug/L | EPA-200.8 |
| 6/17/2013 10:34 | pH | | 8.06 | S.U. | |
| 6/24/2013 9:45 | pH | | 7.98 | S.U. | |
| 7/1/2013 9:54 | pH | | 7.98 | S.U. | |
| 7/8/2013 9:03 | pH | | 7.89 | S.U. | |
| 7/15/2013 10:44 | pH | | 8.16 | S.U. | |

Euclid Creek
River Mile 1.65

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|---------|-------|-----------|
| 6/17/2013 10:34 | Sb | j | 0.408 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | Sb | j | 0.364 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | Sb | j | 0.406 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | Sb | j | 0.41 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | Sb | j | 0.126 | ug/L | EPA-200.8 |
| 6/17/2013 10:34 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | Se | < | 1.23 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | Se | < | 0.66 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | Se | < | 0.66 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | Sn | < | 0.172 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | Sn | j | 0.194 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | Sn | < | 0.178 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | Sn | < | 0.178 | ug/L | EPA-200.8 |
| 6/17/2013 10:34 | SO4 | | 67.52 | mg/L | EPA 300.0 |
| 6/24/2013 9:45 | SO4 | | 77.2 | mg/L | EPA 300.0 |
| 7/1/2013 9:54 | SO4 | | 57.82 | mg/L | EPA 300.0 |
| 7/8/2013 9:03 | SO4 | | 40.16 | mg/L | EPA 300.0 |
| 7/15/2013 10:44 | SO4 | | 71.85 | mg/L | EPA 300.0 |
| 6/17/2013 10:34 | Sr | | 335.091 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | Sr | | 339.419 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | Sr | | 275.516 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | Sr | | 197.362 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | Sr | | 330.785 | ug/L | EPA-200.8 |
| 6/17/2013 10:34 | TDS | | 626 | mg/L | SM2540C |
| 6/24/2013 9:45 | TDS | | 675 | mg/L | SM2540C |
| 7/1/2013 9:54 | TDS | | 512 | mg/L | SM2540C |
| 7/8/2013 9:03 | TDS | | 470 | mg/L | SM2540C |
| 7/15/2013 10:44 | TDS | | 616 | mg/L | SM2540C |
| 6/17/2013 10:34 | Ti | | 38.61 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | Ti | | 39.71 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | Ti | | 30.54 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | Ti | | 8.331 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | Ti | j | 0.724 | ug/L | EPA-200.8 |
| 6/17/2013 10:34 | TKN | j | 0.444 | mg/L | EPA-351.1 |
| 6/24/2013 9:45 | TKN | j | 0.2 | mg/L | EPA-351.1 |
| 7/1/2013 9:54 | TKN | < | 0.2 | mg/L | EPA-351.1 |
| 7/8/2013 9:03 | TKN | | 0.81 | mg/L | EPA-351.1 |

Euclid Creek
River Mile 1.65

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 7/15/2013 10:44 | TKN | j | 0.254 | mg/L | EPA-351.1 |
| 6/17/2013 10:34 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | TI | < | 0.08 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | TI | < | 0.6 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | TI | < | 0.6 | ug/L | EPA-200.8 |
| 6/17/2013 10:34 | TMET | < | 10 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | TMET | < | 10 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | TMET | < | 10 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | TMET | | 23.2 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | TMET | | 10.2 | ug/L | EPA-200.8 |
| 6/17/2013 10:34 | Total-P | | 0.028 | mg/L | EPA 365.1 |
| 6/24/2013 9:45 | Total-P | | 0.026 | mg/L | EPA 365.1 |
| 7/1/2013 9:54 | Total-P | | 0.035 | mg/L | EPA 365.1 |
| 7/8/2013 9:03 | Total-P | | 0.087 | mg/L | EPA 365.1 |
| 7/15/2013 10:44 | Total-P | | 0.034 | mg/L | EPA 365.1 |
| 6/17/2013 10:34 | TS | | 672 | mg/L | SM2540B |
| 6/24/2013 9:45 | TS | | 692 | mg/L | SM2540B |
| 7/1/2013 9:54 | TS | | 544 | mg/L | SM2540B |
| 7/8/2013 9:03 | TS | | 560 | mg/L | SM2540B |
| 7/15/2013 10:44 | TS | | 660 | mg/L | SM2540B |
| 6/17/2013 10:34 | TSS | | 3.2 | mg/L | SM2540D |
| 6/24/2013 9:45 | TSS | | 3.1 | mg/L | SM2540D |
| 7/1/2013 9:54 | TSS | | 1.8 | mg/L | SM2540D |
| 7/8/2013 9:03 | TSS | | 36.8 | mg/L | SM2540D |
| 7/15/2013 10:44 | TSS | | 1.5 | mg/L | SM2540D |
| 6/17/2013 10:34 | Turbidity | | 2.04 | NTU | EPA 180.1 |
| 6/24/2013 9:45 | Turbidity | | 2.68 | NTU | EPA 180.1 |
| 7/1/2013 9:54 | Turbidity | | 1.98 | NTU | EPA 180.1 |
| 7/8/2013 9:03 | Turbidity | | 54.8 | NTU | EPA 180.1 |
| 7/15/2013 10:44 | Turbidity | | 1.63 | NTU | EPA 180.1 |
| 6/17/2013 10:34 | V | < | 1.84 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | V | < | 1.84 | ug/L | EPA-200.8 |
| 7/1/2013 9:54 | V | < | 0.92 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | V | j | 1.846 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | V | < | 1.04 | ug/L | EPA-200.8 |
| 6/17/2013 10:34 | Zn | < | 4.8 | ug/L | EPA-200.8 |
| 6/24/2013 9:45 | Zn | < | 4.8 | ug/L | EPA-200.8 |

Euclid Creek
River Mile 1.65

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 7/1/2013 9:54 | Zn | j | 4.094 | ug/L | EPA-200.8 |
| 7/8/2013 9:03 | Zn | | 12.5 | ug/L | EPA-200.8 |
| 7/15/2013 10:44 | Zn | j | 4.078 | ug/L | EPA-200.8 |

| Euclid Creek River Mile 1.00 | | | | | |
|---------------------------------|------------|------|--------|-----------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 6/17/2013 10:02 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | Ag | < | 0.038 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | Ag | < | 0.038 | ug/L | EPA-200.8 |
| 6/17/2013 10:02 | Al | | 41.91 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Al | | 50.23 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | Al | | 33.26 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | Al | | 1317 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | Al | | 41.18 | ug/L | EPA-200.8 |
| 6/17/2013 10:02 | Alkalinity | | 119.2 | mg/LCaCO3 | EPA-310.2 |
| 6/24/2013 10:45 | Alkalinity | | 118.1 | mg/LCaCO3 | EPA-310.2 |
| 7/1/2013 9:34 | Alkalinity | | 115.6 | mg/LCaCO3 | EPA-310.2 |
| 7/8/2013 8:47 | Alkalinity | | 56.6 | mg/LCaCO3 | EPA-310.2 |
| 7/15/2013 11:00 | Alkalinity | | 136.8 | mg/LCaCO3 | EPA-310.2 |
| 6/17/2013 10:02 | As | j | 0.959 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | As | j | 1.0685 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | As | j | 1.147 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | As | | 2.205 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | As | j | 1.246 | ug/L | EPA-200.8 |
| 6/17/2013 10:02 | Ba | | 30.31 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Ba | | 32.31 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | Ba | | 24.69 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | Ba | | 23.83 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | Ba | | 30.24 | ug/L | EPA-200.8 |
| 6/17/2013 10:02 | Be | < | 0.126 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Be | < | 0.126 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 6/17/2013 10:02 | BOD | < | 2 | mg/L | SM 5210 |
| 7/1/2013 9:34 | BOD | < | 2 | mg/L | SM 5210 |
| 7/8/2013 8:47 | BOD | < | 2 | mg/L | SM 5210 |
| 7/15/2013 11:00 | BOD | < | 2 | mg/L | SM 5210 |
| 6/17/2013 10:02 | Ca | | 64600 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Ca | | 67135 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | Ca | | 52160 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | Ca | | 36270 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | Ca | | 65520 | ug/L | EPA-200.8 |

Euclid Creek
River Mile 1.00

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-----------|-----------|
| 6/17/2013 10:02 | CaCO3 | | 225 | mg/LCaCO3 | EPA-200.8 |
| 6/24/2013 10:45 | CaCO3 | | 237.5 | mg/LCaCO3 | EPA-200.8 |
| 7/1/2013 9:34 | CaCO3 | | 182 | mg/LCaCO3 | EPA-200.8 |
| 7/8/2013 8:47 | CaCO3 | | 124 | mg/LCaCO3 | EPA-200.8 |
| 7/15/2013 11:00 | CaCO3 | | 227 | mg/LCaCO3 | EPA-200.8 |
| 6/17/2013 10:02 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | Cd | < | 0.076 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | Cd | < | 0.076 | ug/L | EPA-200.8 |
| 6/17/2013 10:02 | Chloride | | 251.8 | mg/L | EPA 300.0 |
| 6/24/2013 10:45 | Chloride | | 269.5 | mg/L | EPA 300.0 |
| 7/1/2013 9:34 | Chloride | | 170.2 | mg/L | EPA 300.0 |
| 7/8/2013 8:47 | Chloride | | 171.1 | mg/L | EPA 300.0 |
| 7/15/2013 11:00 | Chloride | | 200.5 | mg/L | EPA 300.0 |
| 6/17/2013 10:02 | Co | j | 0.203 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Co | j | 0.2385 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | Co | j | 0.187 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | Co | | 1.096 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | Co | j | 0.205 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | COD | | 35.1 | mg/L | EPA 410.4 |
| 7/8/2013 8:47 | COD | | 16.4 | mg/L | EPA 410.4 |
| 7/15/2013 11:00 | COD | | 17.5 | mg/L | EPA 410.4 |
| 6/24/2013 10:45 | Cr | j | 0.473 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | Cr | | 2.365 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | Cr | j | 0.528 | ug/L | EPA-200.8 |
| 6/17/2013 10:02 | Cu | | 3.404 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Cu | | 2.8555 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | Cu | | 2.648 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | Cu | | 5.803 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | Cu | | 2.892 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | DRPhos | | 0.011 | mg/L | EPA 365.1 |
| 7/1/2013 9:34 | DRPhos | | 0.02 | mg/L | EPA 365.1 |
| 7/8/2013 8:47 | DRPhos | | 0.02 | mg/L | EPA 365.1 |
| 7/15/2013 11:00 | DRPhos | | 0.021 | mg/L | EPA 365.1 |
| 6/17/2013 10:02 | E. coli | | 255 | cfu/100mL | EPA 1603 |
| 6/24/2013 10:45 | E. coli | | 190 | cfu/100mL | EPA 1603 |

Euclid Creek
River Mile 1.00

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|------------|------|--------|-----------|-------------|
| 7/1/2013 9:34 | E. coli | | 105 | cfu/100mL | EPA 1603 |
| 7/8/2013 8:47 | E. coli | EC | 961 | cfu/100mL | EPA 1603 |
| 7/15/2013 11:00 | E. coli | | 2200 | cfu/100mL | EPA 1603 |
| 6/17/2013 10:02 | Fe | | 110.8 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | Fe | | 110.2 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | Fe | | 2377 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | Fe | | 178.6 | ug/L | EPA-200.8 |
| 6/17/2013 10:02 | Field Cond | | 1106 | umhos/cm | SM 2510A |
| 6/24/2013 10:45 | Field Cond | | 1176 | umhos/cm | SM 2510A |
| 7/1/2013 9:34 | Field Cond | | 820 | umhos/cm | SM 2510A |
| 7/8/2013 8:47 | Field Cond | | 733 | umhos/cm | SM 2510A |
| 7/15/2013 11:00 | Field Cond | | 1079 | umhos/cm | SM 2510A |
| 6/17/2013 10:02 | Field DO | | 9.96 | mg/L | SM 4500-0 G |
| 7/1/2013 9:34 | Field DO | | 7.75 | mg/L | SM 4500-0 G |
| 7/8/2013 8:47 | Field DO | | 8.78 | mg/L | SM 4500-0 G |
| 7/15/2013 11:00 | Field DO | | 8.42 | mg/L | SM 4500-0 G |
| 6/17/2013 10:02 | Field Temp | | 20.6 | C | EPA 170.1 |
| 6/24/2013 10:45 | Field Temp | | 25 | C | EPA 170.1 |
| 7/1/2013 9:34 | Field Temp | | 20.2 | C | EPA 170.1 |
| 7/8/2013 8:47 | Field Temp | | 20.8 | C | EPA 170.1 |
| 7/15/2013 11:00 | Field Temp | | 24.1 | C | EPA 170.1 |
| 6/17/2013 10:02 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 6/24/2013 10:45 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/1/2013 9:34 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/8/2013 8:47 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/15/2013 11:00 | Hg | < | 0.008 | ug/L | EPA 245.1 |
| 6/17/2013 10:02 | K | | 4338 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | K | | 4816 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | K | | 3813 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | K | | 3470 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | K | | 4764 | ug/L | EPA-200.8 |
| 6/17/2013 10:02 | Mg | | 15400 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Mg | | 17025 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | Mg | | 12660 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | Mg | | 8067 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | Mg | | 15330 | ug/L | EPA-200.8 |
| 6/17/2013 10:02 | Mn | | 14.6 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | Mn | | 13.21 | ug/L | EPA-200.8 |

| Euclid Creek River Mile 1.00 | | | | | |
|---------------------------------|-----------|------|--------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 7/8/2013 8:47 | Mn | | 46.83 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | Mn | | 15.21 | ug/L | EPA-200.8 |
| 6/17/2013 10:02 | Mo | | 4.46 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Mo | | 3.8685 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | Mo | | 3.668 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | Mo | | 2.441 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | Mo | | 3.824 | ug/L | EPA-200.8 |
| 6/17/2013 10:02 | Na | | 155300 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Na | | 161700 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | Na | | 120700 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | Na | | 111300 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | Na | | 127800 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | NH3 | j | 0.019 | mg/L | EPA-350.1 |
| 7/1/2013 9:34 | NH3 | | 0.021 | mg/L | EPA-350.1 |
| 7/8/2013 8:47 | NH3 | | 0.048 | mg/L | EPA-350.1 |
| 7/15/2013 11:00 | NH3 | | 0.065 | mg/L | EPA-350.1 |
| 6/17/2013 10:02 | Ni | j | 2.424 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Ni | j | 2.287 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | Ni | j | 2.205 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | Ni | j | 3.961 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | Ni | j | 2.42 | ug/L | EPA-200.8 |
| 6/17/2013 10:02 | NO3-NO2 | | 0.272 | mg/L | EPA 353.2 |
| 6/24/2013 10:45 | NO3-NO2 | | 0.1795 | mg/L | EPA 353.2 |
| 7/1/2013 9:34 | NO3-NO2 | | 0.306 | mg/L | EPA 353.2 |
| 7/8/2013 8:47 | NO3-NO2 | | 0.512 | mg/L | EPA 353.2 |
| 7/15/2013 11:00 | NO3-NO2 | | 0.291 | mg/L | EPA 353.2 |
| 6/17/2013 10:02 | Pb | j | 0.223 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Pb | j | 0.252 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | Pb | j | 0.206 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | Pb | | 2.256 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | Pb | j | 0.162 | ug/L | EPA-200.8 |
| 6/17/2013 10:02 | pH | | 8.2 | S.U. | |
| 6/24/2013 10:45 | pH | | 8.43 | S.U. | |
| 7/1/2013 9:34 | pH | | 7.92 | S.U. | |
| 7/8/2013 8:47 | pH | | 7.91 | S.U. | |
| 7/15/2013 11:00 | pH | | 8.19 | S.U. | |
| 6/17/2013 10:02 | Sb | j | 0.466 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Sb | j | 0.423 | ug/L | EPA-200.8 |

Euclid Creek
River Mile 1.00

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|----------|-------|-----------|
| 7/1/2013 9:34 | Sb | j | 0.442 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | Sb | j | 0.399 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | Sb | j | 0.429 | ug/L | EPA-200.8 |
| 6/17/2013 10:02 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | Se | < | 0.66 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | Se | j | 0.694 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Sn | < | 0.172 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | Sn | | 1.062 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | Sn | < | 0.178 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | Sn | < | 0.178 | ug/L | EPA-200.8 |
| 6/17/2013 10:02 | SO4 | | 68.34 | mg/L | EPA 300.0 |
| 6/24/2013 10:45 | SO4 | | 81.11 | mg/L | EPA 300.0 |
| 7/1/2013 9:34 | SO4 | | 58.26 | mg/L | EPA 300.0 |
| 7/8/2013 8:47 | SO4 | | 38.75 | mg/L | EPA 300.0 |
| 7/15/2013 11:00 | SO4 | | 75.08 | mg/L | EPA 300.0 |
| 6/17/2013 10:02 | Sr | | 333.52 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Sr | | 351.9115 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | Sr | | 282.904 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | Sr | | 191.548 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | Sr | | 331.983 | ug/L | EPA-200.8 |
| 6/17/2013 10:02 | TDS | | 614 | mg/L | SM2540C |
| 6/24/2013 10:45 | TDS | | 687 | mg/L | SM2540C |
| 7/1/2013 9:34 | TDS | | 532 | mg/L | SM2540C |
| 7/8/2013 8:47 | TDS | | 448 | mg/L | SM2540C |
| 7/15/2013 11:00 | TDS | | 646 | mg/L | SM2540C |
| 6/17/2013 10:02 | Ti | | 37.78 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Ti | | 40.38 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | Ti | | 30.96 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | Ti | | 9.303 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | Ti | j | 0.662 | ug/L | EPA-200.8 |
| 6/17/2013 10:02 | TKN | | 0.561 | mg/L | EPA-351.1 |
| 6/24/2013 10:45 | TKN | < | 0.2125 | mg/L | EPA-351.1 |
| 7/1/2013 9:34 | TKN | < | 0.2 | mg/L | EPA-351.1 |
| 7/8/2013 8:47 | TKN | | 0.735 | mg/L | EPA-351.1 |
| 7/15/2013 11:00 | TKN | j | 0.268 | mg/L | EPA-351.1 |
| 6/17/2013 10:02 | TI | < | 0.16 | ug/L | EPA-200.8 |

| Euclid Creek River Mile 1.00 | | | | | |
|---------------------------------|-----------|------|--------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 6/24/2013 10:45 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | TI | < | 0.6 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | TI | < | 0.6 | ug/L | EPA-200.8 |
| 6/17/2013 10:02 | TMET | < | 10 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | TMET | < | 10 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | TMET | < | 10 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | TMET | | 26.8 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | TMET | < | 10 | ug/L | EPA-200.8 |
| 6/17/2013 10:02 | Total-P | | 0.036 | mg/L | EPA 365.1 |
| 6/24/2013 10:45 | Total-P | | 0.0245 | mg/L | EPA 365.1 |
| 7/1/2013 9:34 | Total-P | | 0.03 | mg/L | EPA 365.1 |
| 7/8/2013 8:47 | Total-P | | 0.095 | mg/L | EPA 365.1 |
| 7/15/2013 11:00 | Total-P | | 0.029 | mg/L | EPA 365.1 |
| 6/17/2013 10:02 | TS | | 664 | mg/L | SM2540B |
| 6/24/2013 10:45 | TS | | 706 | mg/L | SM2540B |
| 7/1/2013 9:34 | TS | | 542 | mg/L | SM2540B |
| 7/8/2013 8:47 | TS | | 552 | mg/L | SM2540B |
| 7/15/2013 11:00 | TS | | 682 | mg/L | SM2540B |
| 6/17/2013 10:02 | TSS | | 1.9 | mg/L | SM2540D |
| 6/24/2013 10:45 | TSS | | 3.1 | mg/L | SM2540D |
| 7/1/2013 9:34 | TSS | | 2.1 | mg/L | SM2540D |
| 7/8/2013 8:47 | TSS | | 61.8 | mg/L | SM2540D |
| 7/15/2013 11:00 | TSS | | 1.7 | mg/L | SM2540D |
| 6/17/2013 10:02 | Turbidity | | 3.15 | NTU | EPA 180.1 |
| 6/24/2013 10:45 | Turbidity | | 2.3825 | NTU | EPA 180.1 |
| 7/1/2013 9:34 | Turbidity | | 1.84 | NTU | EPA 180.1 |
| 7/8/2013 8:47 | Turbidity | | 77.1 | NTU | EPA 180.1 |
| 7/15/2013 11:00 | Turbidity | | 1.64 | NTU | EPA 180.1 |
| 6/17/2013 10:02 | V | < | 1.84 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | V | < | 1.84 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | V | < | 1.84 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | V | j | 2.498 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | V | < | 1.04 | ug/L | EPA-200.8 |
| 6/17/2013 10:02 | Zn | < | 4.8 | ug/L | EPA-200.8 |
| 6/24/2013 10:45 | Zn | < | 4.8 | ug/L | EPA-200.8 |
| 7/1/2013 9:34 | Zn | < | 4.8 | ug/L | EPA-200.8 |
| 7/8/2013 8:47 | Zn | | 14.64 | ug/L | EPA-200.8 |
| 7/15/2013 11:00 | Zn | j | 1.587 | ug/L | EPA-200.8 |

Euclid Creek
River Mile 0.55

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|------------|------|--------|-----------|-----------|
| 6/17/2013 9:32 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | Ag | < | 0.038 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | Ag | < | 0.038 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | Ag | < | 0.038 | ug/L | EPA-200.8 |
| 6/17/2013 9:32 | Al | | 33.085 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | Al | | 53.36 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | Al | | 39.48 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | Al | | 1212 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | Al | | 45.96 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | Al | | 168.2 | ug/L | EPA-200.8 |
| 6/17/2013 9:32 | Alkalinity | | 119.6 | mg/LCaCO3 | EPA-310.2 |
| 6/24/2013 11:15 | Alkalinity | | 123.3 | mg/LCaCO3 | EPA-310.2 |
| 7/1/2013 9:22 | Alkalinity | | 121.7 | mg/LCaCO3 | EPA-310.2 |
| 7/8/2013 10:00 | Alkalinity | | 60.7 | mg/LCaCO3 | EPA-310.2 |
| 7/15/2013 10:20 | Alkalinity | | 142.2 | mg/LCaCO3 | EPA-310.2 |
| 7/23/2013 10:43 | Alkalinity | | 111.4 | mg/LCaCO3 | EPA-310.2 |
| 6/17/2013 9:32 | As | j | 0.884 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | As | j | 1.129 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | As | j | 1.202 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | As | | 2.012 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | As | j | 1.081 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | As | j | 1.377 | ug/L | EPA-200.8 |
| 6/17/2013 9:32 | Ba | | 30.63 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | Ba | | 32.88 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | Ba | | 25.14 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | Ba | | 24.25 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | Ba | | 31.86 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | Ba | | 29.24 | ug/L | EPA-200.8 |
| 6/17/2013 9:32 | Be | < | 0.126 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | Be | < | 0.126 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 6/17/2013 9:32 | BOD | < | 2 | mg/L | SM 5210 |
| 7/1/2013 9:22 | BOD | < | 2 | mg/L | SM 5210 |
| 7/8/2013 10:00 | BOD | < | 2 | mg/L | SM 5210 |
| 7/15/2013 10:20 | BOD | < | 2 | mg/L | SM 5210 |

Euclid Creek
River Mile 0.55

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-----------|-----------|
| 7/23/2013 10:43 | BOD | < | 2 | mg/L | SM 5210 |
| 6/17/2013 9:32 | Ca | | 64210 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | Ca | | 67990 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | Ca | | 52530 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | Ca | | 38020 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | Ca | | 69010 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | Ca | | 57690 | ug/L | EPA-200.8 |
| 6/17/2013 9:32 | CaCO3 | | 223 | mg/LCaCO3 | EPA-200.8 |
| 6/24/2013 11:15 | CaCO3 | | 240 | mg/LCaCO3 | EPA-200.8 |
| 7/1/2013 9:22 | CaCO3 | | 183 | mg/LCaCO3 | EPA-200.8 |
| 7/8/2013 10:00 | CaCO3 | | 130 | mg/LCaCO3 | EPA-200.8 |
| 7/15/2013 10:20 | CaCO3 | | 237 | mg/LCaCO3 | EPA-200.8 |
| 7/23/2013 10:43 | CaCO3 | | 200 | mg/LCaCO3 | EPA-200.8 |
| 6/17/2013 9:32 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | Cd | < | 0.076 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | Cd | < | 0.076 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | Cd | < | 0.076 | ug/L | EPA-200.8 |
| 6/17/2013 9:32 | Chloride | | 256.35 | mg/L | EPA 300.0 |
| 6/24/2013 11:15 | Chloride | | 268.5 | mg/L | EPA 300.0 |
| 7/1/2013 9:22 | Chloride | | 196.2 | mg/L | EPA 300.0 |
| 7/8/2013 10:00 | Chloride | | 173.2 | mg/L | EPA 300.0 |
| 7/15/2013 10:20 | Chloride | | 201.1 | mg/L | EPA 300.0 |
| 7/23/2013 10:43 | Chloride | | 194.4 | mg/L | EPA 300.0 |
| 6/17/2013 9:32 | Co | j | 0.203 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | Co | j | 0.211 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | Co | j | 0.199 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | Co | j | 0.994 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | Co | j | 0.211 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | Co | j | 0.313 | ug/L | EPA-200.8 |
| 6/17/2013 9:32 | COD | | 22.2 | mg/L | EPA 410.4 |
| 6/24/2013 11:15 | COD | | 15.4 | mg/L | EPA 410.4 |
| 7/1/2013 9:22 | COD | | 41.5 | mg/L | EPA 410.4 |
| 7/8/2013 10:00 | COD | | 16.7 | mg/L | EPA 410.4 |
| 7/15/2013 10:20 | COD | | 15.6 | mg/L | EPA 410.4 |
| 7/23/2013 10:43 | COD | | 14.6 | mg/L | EPA 410.4 |
| 6/24/2013 11:15 | Cr | j | 0.471 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | Cr | | 2.198 | ug/L | EPA-200.8 |

| Euclid Creek River Mile 0.55 | | | | | |
|---------------------------------|------------|------|--------|-----------|-------------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 7/15/2013 10:20 | Cr | j | 0.508 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | Cr | | 1.013 | ug/L | EPA-200.8 |
| 6/17/2013 9:32 | Cu | | 3.397 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | Cu | | 2.783 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | Cu | | 2.612 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | Cu | | 5.621 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | Cu | | 3.054 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | Cu | | 3.892 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | DRPhos | | 0.01 | mg/L | EPA 365.1 |
| 7/1/2013 9:22 | DRPhos | | 0.019 | mg/L | EPA 365.1 |
| 7/8/2013 10:00 | DRPhos | | 0.02 | mg/L | EPA 365.1 |
| 7/15/2013 10:20 | DRPhos | | 0.018 | mg/L | EPA 365.1 |
| 7/23/2013 10:43 | DRPhos | | 0.028 | mg/L | EPA 365.1 |
| 6/17/2013 9:32 | E. coli | | 207.5 | cfu/100mL | EPA 1603 |
| 6/24/2013 11:15 | E. coli | | 270 | cfu/100mL | EPA 1603 |
| 7/1/2013 9:22 | E. coli | | 100 | cfu/100mL | EPA 1603 |
| 7/8/2013 10:00 | E. coli | EC | 765 | cfu/100mL | EPA 1603 |
| 7/15/2013 10:20 | E. coli | | 440 | cfu/100mL | EPA 1603 |
| 7/23/2013 10:43 | E. coli | | 1150 | cfu/100mL | EPA 1603 |
| 6/17/2013 9:32 | Fe | | 124.45 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | Fe | | 137.3 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | Fe | | 163.4 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | Fe | | 2163 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | Fe | | 227.3 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | Fe | | 337 | ug/L | EPA-200.8 |
| 6/17/2013 9:32 | Field Cond | | 1097 | umhos/cm | SM 2510A |
| 6/24/2013 11:15 | Field Cond | | 1194 | umhos/cm | SM 2510A |
| 7/1/2013 9:22 | Field Cond | | 793 | umhos/cm | SM 2510A |
| 7/8/2013 10:00 | Field Cond | | 814 | umhos/cm | SM 2510A |
| 7/15/2013 10:20 | Field Cond | | 1076 | umhos/cm | SM 2510A |
| 7/23/2013 10:43 | Field Cond | | 986 | umhos/cm | SM 2510A |
| 6/17/2013 9:32 | Field DO | | 9.24 | mg/L | SM 4500-0 G |
| 7/1/2013 9:22 | Field DO | | 7.76 | mg/L | SM 4500-0 G |
| 7/8/2013 10:00 | Field DO | | 8.68 | mg/L | SM 4500-0 G |
| 7/15/2013 10:20 | Field DO | | 8.56 | mg/L | SM 4500-0 G |
| 7/23/2013 10:43 | Field DO | | 9.22 | mg/L | SM 4500-0 G |
| 6/17/2013 9:32 | Field Temp | | 20.1 | C | EPA 170.1 |
| 6/24/2013 11:15 | Field Temp | | 24.9 | C | EPA 170.1 |
| 7/1/2013 9:22 | Field Temp | | 20.2 | C | EPA 170.1 |

Euclid Creek
River Mile 0.55

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|------------|------|--------|-------|-----------|
| 7/8/2013 10:00 | Field Temp | | 21.2 | C | EPA 170.1 |
| 7/15/2013 10:20 | Field Temp | | 23.6 | C | EPA 170.1 |
| 7/23/2013 10:43 | Field Temp | | 21.8 | C | EPA 170.1 |
| 6/17/2013 9:32 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 6/24/2013 11:15 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/1/2013 9:22 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/8/2013 10:00 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/15/2013 10:20 | Hg | < | 0.008 | ug/L | EPA 245.1 |
| 7/23/2013 10:43 | Hg | < | 0.008 | ug/L | EPA 245.1 |
| 6/17/2013 9:32 | K | | 4348 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | K | | 4864 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | K | | 3836 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | K | | 3525 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | K | | 4929 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | K | | 4727 | ug/L | EPA-200.8 |
| 6/17/2013 9:32 | Mg | | 15275 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | Mg | | 17010 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | Mg | | 12640 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | Mg | | 8498 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | Mg | | 15700 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | Mg | | 13470 | ug/L | EPA-200.8 |
| 6/17/2013 9:32 | Mn | | 25.365 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | Mn | | 30.4 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | Mn | | 22.73 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | Mn | | 47.09 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | Mn | | 23.93 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | Mn | | 25.62 | ug/L | EPA-200.8 |
| 6/17/2013 9:32 | Mo | | 4.4805 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | Mo | | 3.819 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | Mo | | 3.764 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | Mo | | 2.627 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | Mo | | 3.93 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | Mo | | 4.593 | ug/L | EPA-200.8 |
| 6/17/2013 9:32 | Na | | 156000 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | Na | | 161100 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | Na | | 121600 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | Na | | 113900 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | Na | | 131400 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | Na | | 111900 | ug/L | EPA-200.8 |

Euclid Creek
River Mile 0.55

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 6/17/2013 9:32 | NH3 | | 0.0265 | mg/L | EPA-350.1 |
| 6/24/2013 11:15 | NH3 | | 0.039 | mg/L | EPA-350.1 |
| 7/1/2013 9:22 | NH3 | | 0.027 | mg/L | EPA-350.1 |
| 7/8/2013 10:00 | NH3 | | 0.051 | mg/L | EPA-350.1 |
| 7/15/2013 10:20 | NH3 | | 0.055 | mg/L | EPA-350.1 |
| 7/23/2013 10:43 | NH3 | | 0.301 | mg/L | EPA-350.1 |
| 6/17/2013 9:32 | Ni | j | 2.4345 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | Ni | j | 2.125 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | Ni | j | 2.194 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | Ni | j | 3.897 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | Ni | j | 2.61 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | Ni | j | 2.985 | ug/L | EPA-200.8 |
| 6/17/2013 9:32 | NO3-NO2 | | 0.2575 | mg/L | EPA 353.2 |
| 6/24/2013 11:15 | NO3-NO2 | | 0.162 | mg/L | EPA 353.2 |
| 7/1/2013 9:22 | NO3-NO2 | | 0.29 | mg/L | EPA 353.2 |
| 7/8/2013 10:00 | NO3-NO2 | | 0.498 | mg/L | EPA 353.2 |
| 7/15/2013 10:20 | NO3-NO2 | | 0.318 | mg/L | EPA 353.2 |
| 7/23/2013 10:43 | NO3-NO2 | | 0.749 | mg/L | EPA 353.2 |
| 6/17/2013 9:32 | Pb | j | 0.1925 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | Pb | j | 0.314 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | Pb | j | 0.245 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | Pb | | 2.096 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | Pb | j | 0.216 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | Pb | j | 0.524 | ug/L | EPA-200.8 |
| 6/17/2013 9:32 | pH | | 8.02 | S.U. | |
| 6/24/2013 11:15 | pH | | 8.24 | S.U. | |
| 7/1/2013 9:22 | pH | | 7.83 | S.U. | |
| 7/8/2013 10:00 | pH | | 7.93 | S.U. | |
| 7/15/2013 10:20 | pH | | 8.04 | S.U. | |
| 7/23/2013 10:43 | pH | | 7.91 | S.U. | |
| 6/17/2013 9:32 | Sb | j | 0.403 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | Sb | j | 0.38 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | Sb | j | 0.408 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | Sb | j | 0.409 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | Sb | j | 0.442 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | Sb | j | 0.526 | ug/L | EPA-200.8 |
| 6/17/2013 9:32 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | Se | < | 0.66 | ug/L | EPA-200.8 |

| Euclid Creek River Mile 0.55 | | | | | |
|---------------------------------|-----------|------|---------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 7/15/2013 10:20 | Se | < | 0.66 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | Se | < | 0.66 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | Sn | < | 0.172 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | Sn | < | 0.172 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | Sn | < | 0.178 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | Sn | < | 0.178 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | Sn | < | 0.178 | ug/L | EPA-200.8 |
| 6/17/2013 9:32 | SO4 | | 67.19 | mg/L | EPA 300.0 |
| 6/24/2013 11:15 | SO4 | | 80.45 | mg/L | EPA 300.0 |
| 7/1/2013 9:22 | SO4 | | 56.42 | mg/L | EPA 300.0 |
| 7/8/2013 10:00 | SO4 | | 40.11 | mg/L | EPA 300.0 |
| 7/15/2013 10:20 | SO4 | | 73.59 | mg/L | EPA 300.0 |
| 7/23/2013 10:43 | SO4 | | 69.17 | mg/L | EPA 300.0 |
| 6/17/2013 9:32 | Sr | | 336.398 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | Sr | | 363.685 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | Sr | | 291.778 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | Sr | | 205.146 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | Sr | | 350.352 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | Sr | | 303.64 | ug/L | EPA-200.8 |
| 6/17/2013 9:32 | TDS | | 630 | mg/L | SM2540C |
| 6/24/2013 11:15 | TDS | | 698 | mg/L | SM2540C |
| 7/1/2013 9:22 | TDS | | 522 | mg/L | SM2540C |
| 7/8/2013 10:00 | TDS | | 454 | mg/L | SM2540C |
| 7/15/2013 10:20 | TDS | | 598 | mg/L | SM2540C |
| 7/23/2013 10:43 | TDS | | 584 | mg/L | SM2540C |
| 6/17/2013 9:32 | Ti | | 38.565 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | Ti | | 39.85 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | Ti | | 31.42 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | Ti | | 9.074 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | Ti | j | 0.899 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | Ti | | 2.113 | ug/L | EPA-200.8 |
| 6/17/2013 9:32 | TKN | j | 0.399 | mg/L | EPA-351.1 |
| 6/24/2013 11:15 | TKN | j | 0.299 | mg/L | EPA-351.1 |
| 7/1/2013 9:22 | TKN | j | 0.444 | mg/L | EPA-351.1 |
| 7/8/2013 10:00 | TKN | | 0.61 | mg/L | EPA-351.1 |
| 7/15/2013 10:20 | TKN | j | 0.314 | mg/L | EPA-351.1 |
| 7/23/2013 10:43 | TKN | j | 0.26 | mg/L | EPA-351.1 |
| 6/17/2013 9:32 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | TI | < | 0.16 | ug/L | EPA-200.8 |

| Euclid Creek River Mile 0.55 | | | | | |
|---------------------------------|-----------|------|--------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 7/1/2013 9:22 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | TI | < | 0.6 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | TI | < | 0.6 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | TI | < | 0.6 | ug/L | EPA-200.8 |
| 6/17/2013 9:32 | TMET | < | 10 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | TMET | < | 10 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | TMET | < | 10 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | TMET | | 25.4 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | TMET | < | 10 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | TMET | | 15.1 | ug/L | EPA-200.8 |
| 6/17/2013 9:32 | Total-P | | 0.027 | mg/L | EPA 365.1 |
| 6/24/2013 11:15 | Total-P | | 0.025 | mg/L | EPA 365.1 |
| 7/1/2013 9:22 | Total-P | | 0.029 | mg/L | EPA 365.1 |
| 7/8/2013 10:00 | Total-P | | 0.079 | mg/L | EPA 365.1 |
| 7/15/2013 10:20 | Total-P | | 0.028 | mg/L | EPA 365.1 |
| 7/23/2013 10:43 | Total-P | | 0.04 | mg/L | EPA 365.1 |
| 6/17/2013 9:32 | TS | | 645 | mg/L | SM2540B |
| 6/24/2013 11:15 | TS | | 742 | mg/L | SM2540B |
| 7/1/2013 9:22 | TS | | 566 | mg/L | SM2540B |
| 7/8/2013 10:00 | TS | | 568 | mg/L | SM2540B |
| 7/15/2013 10:20 | TS | | 686 | mg/L | SM2540B |
| 7/23/2013 10:43 | TS | | 592 | mg/L | SM2540B |
| 6/17/2013 9:32 | TSS | | 2.2 | mg/L | SM2540D |
| 6/24/2013 11:15 | TSS | | 3 | mg/L | SM2540D |
| 7/1/2013 9:22 | TSS | | 1.7 | mg/L | SM2540D |
| 7/8/2013 10:00 | TSS | | 57.8 | mg/L | SM2540D |
| 7/15/2013 10:20 | TSS | | 2.6 | mg/L | SM2540D |
| 7/23/2013 10:43 | TSS | | 4.9 | mg/L | SM2540D |
| 6/17/2013 9:32 | Turbidity | | 1.815 | NTU | EPA 180.1 |
| 6/24/2013 11:15 | Turbidity | | 2.325 | NTU | EPA 180.1 |
| 7/1/2013 9:22 | Turbidity | | 1.92 | NTU | EPA 180.1 |
| 7/8/2013 10:00 | Turbidity | | 65.5 | NTU | EPA 180.1 |
| 7/15/2013 10:20 | Turbidity | | 2.08 | NTU | EPA 180.1 |
| 7/23/2013 10:43 | Turbidity | | 7.64 | NTU | EPA 180.1 |
| 6/17/2013 9:32 | V | < | 1.84 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | V | < | 1.84 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | V | < | 1.84 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | V | j | 1.769 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | V | < | 1.04 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | V | < | 1.04 | ug/L | EPA-200.8 |

Euclid Creek
River Mile 0.55

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 6/17/2013 9:32 | Zn | < | 4.8 | ug/L | EPA-200.8 |
| 6/24/2013 11:15 | Zn | < | 4.8 | ug/L | EPA-200.8 |
| 7/1/2013 9:22 | Zn | < | 4.8 | ug/L | EPA-200.8 |
| 7/8/2013 10:00 | Zn | | 13.64 | ug/L | EPA-200.8 |
| 7/15/2013 10:20 | Zn | j | 1.78 | ug/L | EPA-200.8 |
| 7/23/2013 10:43 | Zn | j | 7.204 | ug/L | EPA-200.8 |

| Euclid Creek River Mile 0.40 | | | | | |
|---------------------------------|------------|------|--------|-----------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 6/17/2013 9:14 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | Ag | < | 0.033 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | Ag | < | 0.066 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Ag | < | 0.038 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | Ag | < | 0.038 | ug/L | EPA-200.8 |
| 6/17/2013 9:14 | Al | | 48.72 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | Al | | 110 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | Al | | 43.04 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Al | | 1509 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | Al | | 57.24 | ug/L | EPA-200.8 |
| 6/17/2013 9:14 | Alkalinity | | 123.9 | mg/LCaCO3 | EPA-310.2 |
| 6/24/2013 11:43 | Alkalinity | | 124.8 | mg/LCaCO3 | EPA-310.2 |
| 7/1/2013 9:08 | Alkalinity | | 117.4 | mg/LCaCO3 | EPA-310.2 |
| 7/8/2013 9:45 | Alkalinity | | 56.3 | mg/LCaCO3 | EPA-310.2 |
| 7/15/2013 10:40 | Alkalinity | | 142.4 | mg/LCaCO3 | EPA-310.2 |
| 6/17/2013 9:14 | As | j | 1.188 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | As | | 1.176 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | As | j | 1.316 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | As | | 2.408 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | As | j | 1.046 | ug/L | EPA-200.8 |
| 6/17/2013 9:14 | Ba | | 31.15 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | Ba | | 34.33 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | Ba | | 25.98 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Ba | | 25.58 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | Ba | | 32.38 | ug/L | EPA-200.8 |
| 6/17/2013 9:14 | Be | < | 0.126 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | Be | < | 0.063 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | Be | < | 0.2 | ug/L | EPA-200.8 |
| 6/17/2013 9:14 | BOD | < | 2 | mg/L | SM 5210 |
| 7/1/2013 9:08 | BOD | < | 2 | mg/L | SM 5210 |
| 7/8/2013 9:45 | BOD | | 2.1 | mg/L | SM 5210 |
| 7/15/2013 10:40 | BOD | < | 2 | mg/L | SM 5210 |
| 6/17/2013 9:14 | Ca | | 64270 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | Ca | | 68010 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | Ca | | 51640 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Ca | | 36200 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | Ca | | 66420 | ug/L | EPA-200.8 |

Euclid Creek
River Mile 0.40

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-----------|-----------|
| 6/17/2013 9:14 | CaCO3 | | 222 | mg/LCaCO3 | EPA-200.8 |
| 6/24/2013 11:43 | CaCO3 | | 239 | mg/LCaCO3 | EPA-200.8 |
| 7/1/2013 9:08 | CaCO3 | | 180 | mg/LCaCO3 | EPA-200.8 |
| 7/8/2013 9:45 | CaCO3 | | 124 | mg/LCaCO3 | EPA-200.8 |
| 7/15/2013 10:40 | CaCO3 | | 229 | mg/LCaCO3 | EPA-200.8 |
| 6/17/2013 9:14 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | Cd | < | 0.11 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | Cd | < | 0.22 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Cd | < | 0.076 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | Cd | < | 0.076 | ug/L | EPA-200.8 |
| 6/17/2013 9:14 | Chloride | | 249.2 | mg/L | EPA 300.0 |
| 6/24/2013 11:43 | Chloride | | 261.6 | mg/L | EPA 300.0 |
| 7/1/2013 9:08 | Chloride | | 108.5 | mg/L | EPA 300.0 |
| 7/8/2013 9:45 | Chloride | | 177 | mg/L | EPA 300.0 |
| 7/15/2013 10:40 | Chloride | | 172.2 | mg/L | EPA 300.0 |
| 6/17/2013 9:14 | Co | j | 0.233 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | Co | j | 0.274 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | Co | j | 0.229 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Co | | 1.233 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | Co | j | 0.222 | ug/L | EPA-200.8 |
| 6/17/2013 9:14 | COD | | 20.6 | mg/L | EPA 410.4 |
| 6/24/2013 11:43 | COD | | 11.9 | mg/L | EPA 410.4 |
| 7/1/2013 9:08 | COD | | 37.5 | mg/L | EPA 410.4 |
| 7/8/2013 9:45 | COD | | 19.8 | mg/L | EPA 410.4 |
| 7/15/2013 10:40 | COD | | 12.7 | mg/L | EPA 410.4 |
| 6/24/2013 11:43 | Cr | | 0.58 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Cr | | 2.572 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | Cr | j | 0.544 | ug/L | EPA-200.8 |
| 6/17/2013 9:14 | Cu | | 3.26 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | Cu | | 2.696 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | Cu | | 2.592 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Cu | | 6.436 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | Cu | | 2.981 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | DRPhos | j | 0.007 | mg/L | EPA 365.1 |
| 7/1/2013 9:08 | DRPhos | | 0.014 | mg/L | EPA 365.1 |
| 7/8/2013 9:45 | DRPhos | | 0.02 | mg/L | EPA 365.1 |
| 7/15/2013 10:40 | DRPhos | | 0.016 | mg/L | EPA 365.1 |

| Euclid Creek River Mile 0.40 | | | | | |
|---------------------------------|------------|------|--------|-----------|-------------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 6/17/2013 9:14 | E. coli | | 280 | cfu/100mL | EPA 1603 |
| 6/24/2013 11:43 | E. coli | | 355 | cfu/100mL | EPA 1603 |
| 7/1/2013 9:08 | E. coli | | 328 | cfu/100mL | EPA 1603 |
| 7/8/2013 9:45 | E. coli | EC | 913 | cfu/100mL | EPA 1603 |
| 7/15/2013 10:40 | E. coli | | 600 | cfu/100mL | EPA 1603 |
| 6/17/2013 9:14 | Fe | | 178.4 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | Fe | | 271.8 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | Fe | | 220.9 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Fe | | 2721 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | Fe | | 267.6 | ug/L | EPA-200.8 |
| 6/17/2013 9:14 | Field Cond | | 1082 | umhos/cm | SM 2510A |
| 6/24/2013 11:43 | Field Cond | | 1173 | umhos/cm | SM 2510A |
| 7/1/2013 9:08 | Field Cond | | 830 | umhos/cm | SM 2510A |
| 7/8/2013 9:45 | Field Cond | | 799 | umhos/cm | SM 2510A |
| 7/15/2013 10:40 | Field Cond | | 1077 | umhos/cm | SM 2510A |
| 6/17/2013 9:14 | Field DO | | 7.68 | mg/L | SM 4500-0 G |
| 7/1/2013 9:08 | Field DO | | 6.47 | mg/L | SM 4500-0 G |
| 7/8/2013 9:45 | Field DO | | 8.1 | mg/L | SM 4500-0 G |
| 7/15/2013 10:40 | Field DO | | 6.71 | mg/L | SM 4500-0 G |
| 6/17/2013 9:14 | Field Temp | | 19.6 | C | EPA 170.1 |
| 6/24/2013 11:43 | Field Temp | | 24.4 | C | EPA 170.1 |
| 7/1/2013 9:08 | Field Temp | | 20.4 | C | EPA 170.1 |
| 7/8/2013 9:45 | Field Temp | | 21.1 | C | EPA 170.1 |
| 7/15/2013 10:40 | Field Temp | | 23.8 | C | EPA 170.1 |
| 6/17/2013 9:14 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 6/24/2013 11:43 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/1/2013 9:08 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/8/2013 9:45 | Hg | < | 0.006 | ug/L | EPA 245.1 |
| 7/15/2013 10:40 | Hg | < | 0.008 | ug/L | EPA 245.1 |
| 6/17/2013 9:14 | K | | 4251 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | K | | 4798 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | K | | 3787 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | K | | 3529 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | K | | 4736 | ug/L | EPA-200.8 |
| 6/17/2013 9:14 | Mg | | 15000 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | Mg | | 16860 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | Mg | | 12540 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Mg | | 8053 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | Mg | | 15390 | ug/L | EPA-200.8 |

Euclid Creek
River Mile 0.40

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 6/17/2013 9:14 | Mn | | 37.51 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | Mn | | 57.47 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | Mn | | 39.9 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Mn | | 65.37 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | Mn | | 40.8 | ug/L | EPA-200.8 |
| 6/17/2013 9:14 | Mo | | 4.304 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | Mo | | 4.142 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | Mo | | 3.673 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Mo | | 2.523 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | Mo | | 3.966 | ug/L | EPA-200.8 |
| 6/17/2013 9:14 | Na | | 153000 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | Na | | 158400 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | Na | | 121600 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Na | | 111400 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | Na | | 127500 | ug/L | EPA-200.8 |
| 6/17/2013 9:14 | NH3 | | 0.029 | mg/L | EPA-350.1 |
| 6/24/2013 11:43 | NH3 | | 0.056 | mg/L | EPA-350.1 |
| 7/1/2013 9:08 | NH3 | | 0.038 | mg/L | EPA-350.1 |
| 7/8/2013 9:45 | NH3 | | 0.072 | mg/L | EPA-350.1 |
| 7/15/2013 10:40 | NH3 | | 0.073 | mg/L | EPA-350.1 |
| 6/17/2013 9:14 | Ni | j | 2.545 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | Ni | | 2.39 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | Ni | j | 2.352 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Ni | | 4.275 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | Ni | j | 2.611 | ug/L | EPA-200.8 |
| 6/17/2013 9:14 | NO3-NO2 | | 0.263 | mg/L | EPA 353.2 |
| 6/24/2013 11:43 | NO3-NO2 | | 0.16 | mg/L | EPA 353.2 |
| 7/1/2013 9:08 | NO3-NO2 | | 0.28 | mg/L | EPA 353.2 |
| 7/8/2013 9:45 | NO3-NO2 | | 0.489 | mg/L | EPA 353.2 |
| 7/15/2013 10:40 | NO3-NO2 | | 0.339 | mg/L | EPA 353.2 |
| 6/17/2013 9:14 | Pb | j | 0.274 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | Pb | j | 0.446 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | Pb | j | 0.379 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Pb | | 2.661 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | Pb | j | 0.274 | ug/L | EPA-200.8 |
| 6/17/2013 9:14 | pH | | 7.73 | S.U. | |
| 6/24/2013 11:43 | pH | | 7.84 | S.U. | |
| 7/1/2013 9:08 | pH | | 7.56 | S.U. | |

Euclid Creek
River Mile 0.40

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|---------|-------|-----------|
| 7/8/2013 9:45 | pH | | 7.79 | S.U. | |
| 7/15/2013 10:40 | pH | | 7.85 | S.U. | |
| 6/17/2013 9:14 | Sb | j | 0.424 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | Sb | j | 0.43 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | Sb | j | 0.413 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Sb | j | 0.407 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | Sb | j | 0.452 | ug/L | EPA-200.8 |
| 6/17/2013 9:14 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | Se | < | 1.23 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | Se | < | 2.46 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Se | < | 0.66 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | Se | < | 0.66 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | Sn | < | 0.086 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | Sn | < | 0.172 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Sn | < | 0.178 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | Sn | < | 0.178 | ug/L | EPA-200.8 |
| 6/17/2013 9:14 | SO4 | | 66.4 | mg/L | EPA 300.0 |
| 6/24/2013 11:43 | SO4 | | 80.28 | mg/L | EPA 300.0 |
| 7/1/2013 9:08 | SO4 | | 31.38 | mg/L | EPA 300.0 |
| 7/8/2013 9:45 | SO4 | | 38.22 | mg/L | EPA 300.0 |
| 7/15/2013 10:40 | SO4 | | 73.64 | mg/L | EPA 300.0 |
| 6/17/2013 9:14 | Sr | | 336.569 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | Sr | | 359.822 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | Sr | | 286.704 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Sr | | 197.1 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | Sr | | 341.412 | ug/L | EPA-200.8 |
| 6/17/2013 9:14 | TDS | | 610 | mg/L | SM2540C |
| 6/24/2013 11:43 | TDS | | 710 | mg/L | SM2540C |
| 7/1/2013 9:08 | TDS | | 514 | mg/L | SM2540C |
| 7/8/2013 9:45 | TDS | | 456 | mg/L | SM2540C |
| 7/15/2013 10:40 | TDS | | 596 | mg/L | SM2540C |
| 6/17/2013 9:14 | Ti | | 38.96 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | Ti | | 40.11 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | Ti | | 30.41 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Ti | | 9.237 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | Ti | j | 0.937 | ug/L | EPA-200.8 |
| 6/17/2013 9:14 | TKN | | 0.53 | mg/L | EPA-351.1 |
| 6/24/2013 11:43 | TKN | < | 0.2 | mg/L | EPA-351.1 |

Euclid Creek
River Mile 0.40

| Sample Date | Parameter | Code | Result | Units | Method |
|-----------------|-----------|------|--------|-------|-----------|
| 7/1/2013 9:08 | TKN | j | 0.425 | mg/L | EPA-351.1 |
| 7/8/2013 9:45 | TKN | | 0.924 | mg/L | EPA-351.1 |
| 7/15/2013 10:40 | TKN | j | 0.244 | mg/L | EPA-351.1 |
| 6/17/2013 9:14 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | TI | j | 0.082 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | TI | < | 0.16 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | TI | < | 0.6 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | TI | < | 0.6 | ug/L | EPA-200.8 |
| 6/17/2013 9:14 | TMET | < | 10 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | TMET | < | 10 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | TMET | < | 10 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | TMET | | 30.1 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | TMET | < | 10 | ug/L | EPA-200.8 |
| 6/17/2013 9:14 | Total-P | | 0.027 | mg/L | EPA 365.1 |
| 6/24/2013 11:43 | Total-P | | 0.027 | mg/L | EPA 365.1 |
| 7/1/2013 9:08 | Total-P | | 0.03 | mg/L | EPA 365.1 |
| 7/8/2013 9:45 | Total-P | | 0.104 | mg/L | EPA 365.1 |
| 7/15/2013 10:40 | Total-P | | 0.029 | mg/L | EPA 365.1 |
| 6/17/2013 9:14 | TS | | 653 | mg/L | SM2540B |
| 6/24/2013 11:43 | TS | | 718 | mg/L | SM2540B |
| 7/1/2013 9:08 | TS | | 548 | mg/L | SM2540B |
| 7/8/2013 9:45 | TS | | 546 | mg/L | SM2540B |
| 7/15/2013 10:40 | TS | | 671 | mg/L | SM2540B |
| 6/17/2013 9:14 | TSS | | 2.6 | mg/L | SM2540D |
| 6/24/2013 11:43 | TSS | | 3.5 | mg/L | SM2540D |
| 7/1/2013 9:08 | TSS | | 3.6 | mg/L | SM2540D |
| 7/8/2013 9:45 | TSS | | 77 | mg/L | SM2540D |
| 7/15/2013 10:40 | TSS | | 3.2 | mg/L | SM2540D |
| 6/17/2013 9:14 | Turbidity | | 2.3 | NTU | EPA 180.1 |
| 6/24/2013 11:43 | Turbidity | | 3.26 | NTU | EPA 180.1 |
| 7/1/2013 9:08 | Turbidity | | 2.95 | NTU | EPA 180.1 |
| 7/8/2013 9:45 | Turbidity | | 79.2 | NTU | EPA 180.1 |
| 7/15/2013 10:40 | Turbidity | | 3.2 | NTU | EPA 180.1 |
| 6/17/2013 9:14 | V | < | 1.84 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | V | < | 0.92 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | V | < | 1.84 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | V | j | 2.655 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | V | < | 1.04 | ug/L | EPA-200.8 |

| Euclid Creek River Mile 0.40 | | | | | |
|---------------------------------|-----------|------|--------|-------|-----------|
| Sample Date | Parameter | Code | Result | Units | Method |
| 6/17/2013 9:14 | Zn | < | 4.8 | ug/L | EPA-200.8 |
| 6/24/2013 11:43 | Zn | < | 2.4 | ug/L | EPA-200.8 |
| 7/1/2013 9:08 | Zn | < | 4.8 | ug/L | EPA-200.8 |
| 7/8/2013 9:45 | Zn | | 16.86 | ug/L | EPA-200.8 |
| 7/15/2013 10:40 | Zn | < | 1.58 | 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)

EC = Estimated count