

Station Name Geronimo Creek @ Hollub Lane
 TCEQ Segment No. 1804A
 TCEQ Station Id No. 20747 GB705
 Monitoring Type Routine
 Latitude 29.545408 Longitude -97.918178

| Parameter | Parameter Code | Date and 24 hour time | | | | | | | | | | |
|------------------------------------|----------------|-----------------------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| | | 9/24/08 | 11/25/08 | 12/15/08 | 1/27/09 | 2/24/09 | 3/31/09 | 4/29/09 | 5/26/09 | 6/29/09 | 7/20/09 | 8/10/09 |
| Season | | Fall | Fall | Winter | Winter | Winter | Spring | Spring | Spring | Summer | Summer | Summer |
| Weather Conditions | | | | | | | | | | Wet | Dry | Dry |
| Flow (cfs) | 00061 | 7.6 | 10.2 | 8.1 | 8.2 | 7.5 | 8 | 8.2 | 6.2 | 3.6 | 3.8 | 3.6 |
| E coli (organisms/100 mL) | 31699 | 130 | 180 | 272 | 71 | 190 | 64 | 41 | 80 | 130 | 150 | 91 |
| Suspended Solids (mg/L) | 00530 | 5.7 | 1.3 | 2.7 | 5 | 3.3 | 3 | 8 | 5.7 | 3.7 | 5 | 6.3 |
| Turbidity (NTU) | 82079 | 3.2 | 1.96 | 2.35 | 2.05 | 1.78 | 1.59 | 2.81 | 2.09 | 1.83 | 2.6 | 3.2 |
| pH | 00400 | 7.8 | 7.7 | 7.7 | 7.8 | 7.8 | 7.7 | 7.8 | 8.1 | 7.8 | 8 | 7.9 |
| Temperature (C) | 00010 | 24.3 | 14.1 | 13.9 | 15.1 | 14.6 | 19.3 | 22.8 | 25.2 | 28.8 | 28.9 | 28.4 |
| Dissolved Oxygen (mg/L) | 00300 | 8.3 | 8.6 | 9.3 | 9 | 11.4 | 8.2 | 6.4 | 11.7 | 6.6 | 9.2 | 7.6 |
| Conductivity (umhos/cm) | 00094 | 800 | 843 | 876 | 803 | 715 | 786 | 781 | 759 | 726 | 717 | 726 |
| Total Phosphorus (mg/L) | 00665 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| Nitrate-N (mg/L) | 00620 | 10.9 | 13.2 | 12.4 | 10.5 | 10.6 | 9.56 | 8.76 | 8.26 | 6.2 | 5.8 | 6.36 |
| Chloride (mg/L) | 00940 | 38.1 | 37.4 | 40.7 | 46.6 | 42.8 | 40.4 | 40.8 | 40.9 | 38 | 31.1 | 36.9 |
| Sulfate (mg/L) | 00945 | 70.7 | 74.8 | 80.8 | 84.1 | 81.9 | 77.6 | 80.1 | 78.5 | 83.3 | 64.4 | 79.8 |
| Total Hardness (mg/L) | 00900 | 220 | 298 | 302 | 280 | 267 | 269 | 263 | 243 | 210 | 206 | 195 |
| Ammonia-N (mg/L) | 00610 | <0.10 | <0.10 | 0.11 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | 0.14 | <0.10 | 0.11 |
| Chlorophyll a (mg/m ³) | 32211 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | | <1.0 | 1.4 | 1.8 | 1.4 |
| Pheophytin (mg/m ³) | 32218 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | | <1.0 | <1.0 | <1.0 | <1.0 |

| Parameter | Parameter Code | Date and 24 hour time | | | | | | | | | | |
|------------------------------------|----------------|-----------------------|---------|----------|---------|---------|--------|---------|--------|---------|---------|---------|
| | | 9/14/09 | 10/6/09 | 11/11/09 | 12/8/09 | 1/15/10 | 2/8/10 | 2/25/10 | 3/8/10 | 3/11/10 | 4/19/10 | 5/17/10 |
| Season | | Fall | Fall | Fall | Winter | | | | | | | |
| Weather Conditions (Wet or Dry) | | Wet | Wet | Wet | Wet | | | | | | | Wet |
| Flow (cfs) | 00061 | 6.4 | 6.5 | 5.9 | 5.3 | 202 | 10.5 | | 7.3 | | 10.2 | 17.8 |
| E coli (organisms/100 mL) | 31699 | 400 | 1090 | 65 | 48 | 11000 | 130 | | | 81 | 2720 | 530 |
| Suspended Solids (mg/L) | 00530 | 18 | 29.3 | 9 | 12 | 95 | 11.3 | | 4.7 | | 126 | 41 |
| Turbidity (NTU) | 82079 | 17.2 | 24.8 | 6 | 10.2 | 76.9 | 19.7 | | 2.1 | | 123 | 40.5 |
| pH | 00400 | 7.8 | 7.9 | 7.8 | 7.5 | 7.9 | 7.7 | | 7.7 | | 7.7 | 7.5 |
| Temperature (C) | 00010 | 24.3 | 24.8 | 18 | 10.8 | 11.8 | 13.8 | | 16.2 | | 18.6 | 23.2 |
| Dissolved Oxygen (mg/L) | 00300 | 5.6 | 7.4 | 9.9 | 9.4 | 10.6 | 9.6 | | 8.9 | | 13.8 | 8.9 |
| Conductivity (umhos/cm) | 00094 | 536 | 648 | 663 | 823 | 315 | 534 | | 939 | | 466 | 304 |
| Total Phosphorus (mg/L) | 00665 | 0.07 | 0.1 | <0.05 | 0.06 | 0.22 | 0.14 | | <0.05 | | 0.19 | 0.18 |
| Nitrate-N (mg/L) | 00620 | 5.12 | <0.05 | 7.6 | 6.44 | 2.46 | 3.3 | | 8.16 | | 3.2 | 1.79 |
| Chloride (mg/L) | 00940 | 22.3 | 26.6 | 30.8 | 38.5 | 11.8 | 26.9 | | 51.9 | | 20.6 | 8.7 |
| Sulfate (mg/L) | 00945 | 49 | 52.5 | 60.8 | 76.8 | 25.2 | 51.5 | | 91 | | 36.3 | 16.2 |
| Total Hardness (mg/L) | 00900 | 174 | 230 | 264 | 292 | 140 | 211 | | 316 | | 167 | 124 |
| Ammonia-N (mg/L) | 00610 | 0.14 | 0.11 | <0.10 | 0.1 | 0.1 | 0.1 | | <0.10 | | 0.14 | 0.13 |
| Chlorophyll a (mg/m ³) | 32211 | <1.0 | <1.0 | <1.0 | <1 | 17.2 | <1.0 | | <1.0 | | 1.2 | <1.0 |
| Pheophytin (mg/m ³) | 32218 | <1.0 | <1.0 | <1.0 | <1 | 6.3 | <1.0 | | <1.0 | | <1.0 | <1.0 |
| Selenium | | | | | | | | | 4.17 | | | |
| Arsenic Diss | | | | | | | | | 2.78 | | | |
| Cadmium, Dissolved | | | | | | | | | <1.00 | | | |
| Copper, Dissolved | | | | | | | | | <1.00 | | | |
| Lead, Dissolved | | | | | | | | | <1.00 | | | |
| Nickel, Dissolved | | | | | | | | | 1.29 | | | |
| Silver, Dissolved | | | | | | | | | <1.00 | | | |
| Zinc, Dissolved | | | | | | | | | <5.00 | | | |
| Aluminum, Dissolved | | | | | | | | | 10.9 | | | |
| Chromium, Dissolved | | | | | | | | | 1.36 | | | |
| Mercury, Total | | | | | | | | | <0.150 | | | |

Station Name Geronimo Creek @ Hollub Lane

TCEQ Segment No. 1804A
 TCEQ Station Id No. 20747 GB705
 Monitoring Type Routine
 Latitude 29.545408 Longitude -97.918178

| Parameter | Parameter Code | Date and 24 hour time | | | | | | | | | | |
|------------------------------------|----------------|-----------------------|---------|--------|---------|----------|----------|----------|--------|--------|---------|---------|
| | | 6/17/10 | 7/20/10 | 8/9/10 | 9/24/12 | 10/18/12 | 11/27/12 | 12/11/12 | 1/2/13 | 2/6/13 | 3/25/13 | 5/13/13 |
| Flow (cfs) | 00061 | 20.5 | 12 | 8.1 | 7.0 | 6.1 | 6.4 | 7.4 | 6.3 | 6.7 | 5.8 | 3.5 |
| E coli (organisms/100 mL) | 31699 | 150 | 140 | 140 | 150 | 490 | 130 | 77 | 110 | 210 | 96 | 53 |
| Suspended Solids (mg/L) | 00530 | 11.7 | 9 | 6.7 | 7.90 | 3.10 | 2.75 | 1.30 | 1.00 | 1.50 | 2.30 | 1.90 |
| Turbidity (NTU) | 82079 | 9.2 | 7.6 | 4.1 | 5.8 | 2.4 | 1.8 | 1.2 | 1.2 | 1.5 | 1.6 | 1.60 |
| pH | 00400 | 7.7 | 7.4 | 7.6 | 7.8 | 7.7 | 7.5 | 7.5 | 7.8 | 7.9 | 7.6 | 7.9 |
| Temperature (C) | 00010 | 27.8 | 27.8 | 28.5 | 24.0 | 22.2 | 16.1 | 13.8 | 10.3 | 17.4 | 16.0 | 20.1 |
| Dissolved Oxygen (mg/L) | 00300 | 7 | 8.7 | 4.7 | 6.7 | 7.1 | 8.5 | 9.6 | 10.6 | 9.3 | 9.3 | 7.4 |
| Conductivity (umhos/cm) | 00094 | 765 | 826 | 784 | 762 | 828 | 828 | 849 | 823 | 771 | 769 | 767 |
| Total Phosphorus (mg/L) | 00665 | 0.08 | 0.05 | <0.05 | 0.03 | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | 0.02 |
| Nitrate-N (mg/L) | 00620 | 5.64 | 7.44 | 10.7 | 8.24 | 10.5 | 11.1 | 9.80 | 10.4 | 10.1 | 8.20 | 8.20 |
| Chloride (mg/L) | 00940 | 37 | 44 | 46.8 | 35.6 | 39.8 | 36.7 | 37.4 | 35.8 | 36.8 | 38.0 | 34.9 |
| Sulfate (mg/L) | 00945 | 74.9 | 86.2 | 93.1 | 71.4 | 79.1 | 74.7 | 76.3 | 72.9 | 73.3 | 74.9 | 69.4 |
| Total Hardness (mg/L) | 00900 | 289 | 294 | 264 | 255 | 261 | 260 | 273 | 273 | 250 | 233 | 253 |
| Ammonia-N (mg/L) | 00610 | 0.12 | <0.10 | 0.13 | 0.13 | 0.15 | 0.35 | 0.77 | 0.17 | 0.22 | 0.22 | 0.21 |
| Chlorophyll a (mg/m ³) | 32211 | 1.1 | <1.0 | 1 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.0 | <1.0 | <1.0 |
| Pheophytin (mg/m ³) | 32218 | 1.7 | <1.0 | <1 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.0 | <1.0 | 2.08 |
| TKN | 00625 | | | | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |

| Parameter | Parameter Code | Date and 24 hour time | | | | | | | | | | |
|------------------------------------|----------------|-----------------------|---------|--------|---------|---------|---------|----------|---------|---------|--------|---------|
| | | 6/12/13 | 7/24/13 | 8/6/13 | 9/18/13 | 9/23/13 | 10/9/13 | 11/11/13 | 12/9/13 | 1/14/14 | 2/3/14 | 3/17/14 |
| Weather Conditions | Dry | Dry | Dry | Dry | Dry | Wet | Wet | Dry | Wet | Dry | Dry | Dry |
| Flow (cfs) | 00061 | 4.4 | 1.6 | 2.8 | 6.0 | 6.4 | 3.1 | 5.2 | 1.5 | 3.8 | 4.4 | 3.0 |
| E coli (organisms/100 mL) | 31699 | 120 | 180 | 61 | 650 | 240 | 140 | 140 | 490 | 120 | 440 | 870 |
| Suspended Solids (mg/L) | 00530 | 7.50 | 4.00 | 3.70 | 5.50 | 7.70 | 9.70 | 6.30 | 2.60 | 2.50 | 2.40 | 2.30 |
| Turbidity (NTU) | 82079 | | 2.7 | 2.7 | 4.2 | 6.6 | 9.0 | 4.8 | 1.9 | 2.0 | 1.0 | 1.6 |
| pH | 00400 | 7.9 | 7.9 | 7.9 | 7.7 | 7.8 | 7.8 | 7.6 | 7.6 | 7.1 | 7.3 | 7.7 |
| Temperature (C) | 00010 | 25.9 | 27.8 | 28.4 | 25.8 | 22.4 | 20.2 | 17.6 | 9.5 | 10.9 | 10.2 | 14.6 |
| Dissolved Oxygen (mg/L) | 00300 | 5.8 | 6.3 | 6.5 | 5.5 | 6.1 | 7.4 | 7.5 | 10.0 | 10.0 | 10.8 | 8.8 |
| Conductivity (umhos/cm) | 00094 | 749 | 682 | 675 | 492 | 496 | 529 | 709 | 838 | 816 | 830 | 801 |
| Total Phosphorus (mg/L) | 00665 | 0.04 | 0.03 | 0.02 | 0.03 | 0.05 | 0.11 | 0.04 | <0.02 | <0.02 | <0.02 | <0.02 |
| Nitrate-N (mg/L) | 00620 | 6.70 | 5.50 | 5.80 | 4.20 | 4.30 | 3.60 | 7.00 | 9.20 | 9.30 | 9.50 | 7.20 |
| Chloride (mg/L) | 00940 | 31.6 | 32.1 | 35.9 | 22.4 | 22.9 | 20.9 | 29.8 | 36.7 | 38.6 | 38.2 | 38.5 |
| Sulfate (mg/L) | 00945 | 62.8 | 61.2 | 69.3 | 44.6 | 45.6 | 42.3 | 57.3 | 70.2 | 76.2 | 72.7 | 72.0 |
| Total Hardness (mg/L) | 00900 | 246 | 258 | 199 | 148 | 167 | 188 | 241 | 288 | 276 | 260 | 249 |
| Ammonia-N (mg/L) | 00610 | 0.26 | <0.10 | 0.13 | 0.17 | 0.29 | <.10 | <0.10 | <0.10 | <0.10 | <0.10 | 0.23 |
| Chlorophyll a (mg/m ³) | 32211 | <1.0 | <1.0 | 1.57 | <1.0 | <1.0 | 4.69 | 1.07 | <1.0 | 8.96 | <1.0 | --- |
| Pheophytin (mg/m ³) | 32218 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | --- |
| TKN | 00625 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | 0.44 | <0.20 | <0.20 | <0.20 | <0.20 | <0.2 |

| Parameter | Parameter Code | Date and 24 hour time | | | | | | | | | | |
|------------------------------------|----------------|-----------------------|--------|---------|---------|---------|---------|---------|----------|---------|---------|---------|
| | | 4/7/14 | 5/6/14 | 5/14/14 | 6/11/14 | 7/21/14 | 8/12/14 | 9/10/14 | 10/13/14 | 11/5/14 | 12/8/14 | 1/14/15 |
| Weather Conditions | | Dry | Dry | Wet | Dry | Dry | Dry | Wet | Wet | Wet | Dry | Dry |
| Flow (cfs) | 00061 | 5.4 | 2.8 | | 1.3 | 1.9 | 1.0 | 1.5 | | 19 | 4.8 | 5.0 |
| E coli (organisms/100 mL) | 31699 | 54 | 24 | 800 | 110 | 190 | 100 | 120 | 130 | 2500 | 390 | 190 |
| Suspended Solids (mg/L) | 00530 | 2.10 | 3.30 | 17.0 | 9.10 | 1.50 | 4.70 | 4.10 | 2.50 | 14.2 | 6.50 | 4.50 |
| Turbidity (NTU) | 82079 | 1.7 | 2.1 | 12.1 | 4.7 | 3.8 | 3.4 | 3.2 | 3.0 | 10.3 | 5.3 | 4.2 |
| pH | 00400 | 7.5 | 7.6 | 7.9 | 7.3 | 7.7 | 8.0 | 8.1 | 7.8 | 8.0 | 7.4 | 7.9 |
| Temperature (C) | 00010 | 17.0 | 21.3 | 19.9 | 26.9 | 27.7 | 29.6 | 28.6 | 23.9 | 18.2 | 14.8 | 7.4 |
| Dissolved Oxygen (mg/L) | 00300 | 7.0 | 6.5 | 7.6 | 7.2 | 6.5 | 8.8 | 8.1 | 8.0 | 7.9 | 7.4 | 11.5 |
| Conductivity (umhos/cm) | 00094 | 804 | 763 | 751 | 545 | 655 | 688 | 498 | 661 | 535 | 654 | 626 |
| Total Phosphorus (mg/L) | 00665 | <0.02 | <0.02 | 0.06 | 0.08 | 0.02 | 0.02 | 0.02 | 0.02 | 0.05 | 2.87 | 0.02 |
| Nitrate-N (mg/L) | 00620 | 5.90 | 4.90 | 7.10 | 2.80 | 3.50 | 2.6 | 1.85 | 4.70 | 4.64 | 4.1 | 5.70 |
| Chloride (mg/L) | 00940 | 40.5 | 37.7 | 33.1 | 20.7 | 31.1 | 37.5 | 23.9 | 35.2 | 23.4 | 25.5 | 29.7 |
| Sulfate (mg/L) | 00945 | 75.8 | 73.1 | 65.1 | 39.5 | 59.1 | 69.8 | 45.1 | 66.0 | 46.1 | 50.5 | 53.2 |
| Total Hardness (mg/L) | 00900 | 256 | 252 | 255 | 181 | 200 | 198 | 143 | 235 | 183 | 234 | 237 |
| Ammonia-N (mg/L) | 00610 | 0.34 | 0.32 | 0.28 | 0.36 | 0.22 | 0.16 | 0.31 | 0.11 | 0.45 | 0.28 | <0.10 |
| Chlorophyll a (mg/m ³) | 32211 | --- | 2.05 | <1.0 | <1.0 | 1.13 | 1.57 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Pheophytin (mg/m ³) | 32218 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.00 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| TKN | 00625 | 0.386 | <0.2 | <0.2 | 0.54 | 0.30 | 0.34 | 0.51 | <0.20 | 0.47 | 0.49 | <0.20 |

Station Name Geronimo Creek @ Hollub Lane
 TCEQ Segment No. 1804A
 TCEQ Station Id No. 20747 GB705
 Monitoring Type Routine
 Latitude 29.545408 Longitude -97.918178

| Parameter | Parameter Code | Date and 24 hour time | | | | | | | | | | |
|------------------------------------|----------------|-----------------------|---------|---------|---------|---------|---------|--------|---------|---------|----------|---------|
| | | 1/28/15 | 2/10/15 | 3/16/15 | 4/13/15 | 5/19/15 | 6/10/15 | 7/7/15 | 8/17/15 | 9/10/15 | 10/20/15 | 11/3/15 |
| Weather Conditions | | Wet | Wet | Dry | Dry | Wet | Dry | Dry | Dry | Wet | Dry | Wet |
| Flow (cfs) | 00061 | 6.6 | -6.1 | 5.3 | 8.9 | 37 | 11.0 | 15.0 | 10 | 9.1 | 9.5 | |
| E coli (organisms/100 mL) | 31699 | 320 | 210 | 390 | 310 | 530 | 130 | 200 | 140 | 88 | 100 | 190 |
| Suspended Solids (mg/L) | 00530 | 18.10 | 7.40 | 20.4 | 10.0 | 35.8 | 23.1 | 8.50 | 3.30 | 3.20 | 2.90 | 75.3 |
| Turbidity (NTU) | 82079 | 26.7 | 6.2 | 4.6 | 6.3 | 52.8 | 9.9 | 6.9 | 2.5 | 2.8 | 2.3 | 60.9 |
| pH | 00400 | 7.7 | 7.9 | 7.8 | 7.7 | 7.9 | 7.9 | 8.1 | 7.8 | 7.7 | 7.8 | 7.6 |
| Temperature (C) | 00010 | 10.9 | 13.7 | 17.0 | 21.4 | 24.4 | 27.0 | 27.0 | 27.0 | 27.7 | 19.5 | 20.5 |
| Dissolved Oxygen (mg/L) | 00300 | 9.4 | 10.4 | 8.5 | 6.6 | 7.0 | 7.3 | 7.7 | 6.1 | 8.8 | 7.5 | 6.7 |
| Conductivity (umhos/cm) | 00094 | 318 | 707 | 611 | 765 | 289 | 868 | 908 | 815 | 789 | 766 | 397 |
| Total Phosphorus (mg/L) | 00665 | 0.10 | 0.03 | 0.03 | 0.05 | 0.22 | 0.08 | 0.03 | <0.02 | <0.02 | <0.02 | 0.20 |
| Nitrate-N (mg/L) | 00620 | 2.0 | 5.60 | 2.90 | 4.50 | 1.22 | 8.10 | 10.4 | 11.3 | 11.8 | 11.7 | 1.86 |
| Chloride (mg/L) | 00940 | 16.4 | 35.5 | 30.3 | 37.0 | 11.8 | 44.2 | 47.0 | 36.6 | 34.0 | 32.3 | 14.9 |
| Sulfate (mg/L) | 00945 | 29.3 | 66.7 | 52.8 | 66.9 | 20.7 | 76.6 | 86.1 | 76.5 | 73.3 | 70.4 | 28.4 |
| Total Hardness (mg/L) | 00900 | 155 | 261 | 208 | 268 | 165 | 300 | 313 | 253 | 235 | 248 | 171 |
| Ammonia-N (mg/L) | 00610 | 0.20 | <0.10 | 0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 |
| Chlorophyll a (mg/m ³) | 32211 | 3.14 | 3.89 | <1.0 | <1.0 | 1.19 | 3.26 | 1.48 | <1.00 | <1.00 | <1.00 | <1.00 |
| Pheophytin (mg/m ³) | 32218 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 |
| TKN | 00625 | 0.59 | 0.46 | 0.44 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | 1.50 |

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|------------------------------------|----------------|-----------------------|---------|--------|--------|---------|--------|--------|---------|---------|---------|----------|
| | | 12/7/15 | 1/11/16 | 2/8/16 | 3/8/16 | 4/12/16 | 5/9/16 | 6/1/16 | 7/18/16 | 8/15/16 | 9/12/16 | 10/17/16 |
| Weather Conditions | | Dry | Dry | Dry | Dry | Wet | Dry | Wet | Dry | Dry | Dry | Dry |
| Flow (cfs) | 00061 | 14.0 | 13.0 | 12 | 12 | 13 | 22 | 70* | 15 | 16 | 35 | 19 |
| E coli (organisms/100 mL) | 31699 | 50 | 60 | 46 | 110 | 72 | 170 | 10000 | 100 | 880 | 71 | 170 |
| Suspended Solids (mg/L) | 00530 | 2.00 | 2.80 | 2.30 | 1.10 | 0.70 | 3.70 | 118 | 1.10 | 6.20 | 3.20 | - |
| Turbidity (NTU) | 82079 | 1.8 | 2.2 | 1.4 | 1.1 | 4.3 | 3.8 | 153 | 3.6 | 5.6 | 3.0 | 3.6 |
| pH | 00400 | 7.8 | 7.7 | 7.5 | 7.8 | 7.6 | 7.7 | 7.7 | 7.8 | 7.8 | 7.8 | 7.6 |
| Temperature (C) | 00010 | 12.6 | 11.0 | 11.7 | 21.6 | 20.7 | 21.5 | 21.9 | 27.2 | 25.0 | 25.0 | 23.9 |
| Dissolved Oxygen (mg/L) | 00300 | 9.3 | 9.7 | 10.0 | 11.8 | 7.3 | 7.4 | 7.6 | 7.3 | 7.7 | 6.8 | 7.3 |
| Conductivity (umhos/cm) | 00094 | 838 | 829 | 792 | 770 | 801 | 811 | 183 | 779 | 654 | 800 | 795 |
| Total Phosphorus (mg/L) | 00665 | 0.03 | <0.02 | <0.02 | 0.02 | 0.02 | 0.03 | 0.35 | 0.02 | 0.02 | 0.03 | 0.02 |
| Nitrate-N (mg/L) | 00620 | 10.7 | 9.72 | 9.9 | 11.2 | 10.8 | 11.4 | 1.44 | 13.7 | 8.10 | 10.8 | 10.8 |
| Chloride (mg/L) | 00940 | 35.6 | 36.8 | 37.6 | 34.0 | 34.4 | 31.6 | 4.11 | 31.2 | 22.2 | 27.9 | 28.2 |
| Sulfate (mg/L) | 00945 | 73.1 | 73.3 | 76.2 | 71.0 | 70.9 | 65.3 | 5.98 | 68.9 | 51.2 | 62 | 64.7 |
| Total Hardness (mg/L) | 00900 | 285 | 289 | 265 | 247 | 266 | 269 | 104 | 243 | 223 | 266 | 272 |
| Ammonia-N (mg/L) | 00610 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | 0.24 | <0.10 | <0.10 | <0.10 |
| Chlorophyll a (mg/m ³) | 32211 | <1.00 | 1.36 | <1.0 | <1.0 | <1.0 | <1.0 | 1.87 | 1.81 | <1.0 | <1.00 | <1.00 |
| Pheophytin (mg/m ³) | 32218 | <1.00 | <1.00 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.70 | <1.00 | <1.00 |
| TKN | 00625 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | 1.11 | <0.20 | <0.20 | <0.20 | <0.20 |

* Estimate due to high flows

| Parameter | Parameter Code | Date and 24 hour time | | | | | | | | | |
|------------------------------------|----------------|-----------------------|---------|---------|---------|---------|--------|--------|---------|---------|---------|
| | | 11/15/16 | 12/8/16 | 1/25/17 | 2/16/17 | 3/20/17 | 4/6/17 | 5/9/17 | 6/13/17 | 7/13/17 | 8/14/17 |
| Weather Conditions | | Dry | Wet | Dry | Wet | Dry | Dry | Dry | Dry | Dry | Dry |
| Flow (cfs) | 00061 | 14 | 29.0 | 19 | 20 | 26 | 24 | 24 | 23 | 14 | 15 |
| E coli (organisms/100 mL) | 31699 | 200 | 320 | 140 | 360 | 190 | 200 | 91 | 140 | >2400 | 150 |
| Suspended Solids (mg/L) | 00530 | 3.10 | 11.9 | 3.00 | 3.40 | 5.00 | 8.20 | 4.00 | 2.80 | 2.50 | 3.80 |
| Turbidity (NTU) | 82079 | 3.4 | 16.0 | 3.6 | 4.5 | 5.7 | 6.1 | 2.5 | 3.1 | 3.0 | 3.0 |
| pH | 00400 | 7.7 | 7.6 | 7.8 | 8.0 | 7.9 | 8.1 | 7.9 | 8.0 | 7.8 | 7.9 |
| Temperature (C) | 00010 | 18.4 | 13.1 | 17.1 | 15.4 | 21.2 | 18.7 | 21.4 | 25.1 | 26.9 | 27.7 |
| Dissolved Oxygen (mg/L) | 00300 | 8.5 | 9.8 | 8.5 | 8.6 | 7.9 | 9.4 | 7.6 | 6.9 | 8.1 | 7.2 |
| Conductivity (umhos/cm) | 00094 | 804 | 518 | 790 | 806 | 879 | 847 | 825 | 793 | 743 | 749 |
| Total Phosphorus (mg/L) | 00665 | 0.02 | 0.18 | 0.04 | 0.03 | 0.04 | 0.04 | 0.02 | <0.02 | <0.02 | 0.02 |
| Nitrate-N (mg/L) | 00620 | 10.9 | 5.09 | 10.0 | 8.92 | 9.5 | 10.4 | 12.2 | 13.2 | 12.4 | 11.3 |
| Chloride (mg/L) | 00940 | 27.4 | 24.4 | 34.4 | 32.5 | 36.7 | 37.1 | 30.2 | 31.5 | 28.0 | 27.8 |
| Sulfate (mg/L) | 00945 | 64 | 46.4 | 69.0 | 63.5 | 75.4 | 71.4 | 61.8 | 73.1 | 63.9 | 61.9 |
| Total Hardness (mg/L) | 00900 | 269 | 184 | 298 | 228 | 309 | 271 | 281 | 260 | 227 | 247 |
| Ammonia-N (mg/L) | 00610 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 |
| Chlorophyll a (mg/m ³) | 32211 | <1.00 | <1.00 | <1.00 | 1.16 | <1.00 | <1.00 | 1.34 | <1.00 | <1.00 | <1.00 |
| Pheophytin (mg/m ³) | 32218 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 |
| TKN | 00625 | <0.20 | 1.03 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |

* Estimate due to high flows