section2\_sitespecificData

NYSDEC SMAS : Keleigh Reynolds

4/24/2020

### PWL ID: 1306-0017

Chemistry Measurements: 1306-0017

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0017 | alkalinity, total (as caco3) | 25 | 130.152 | NA | 57.20 | 184.00 | 144.000 |
| 1306-0017 | aluminum | 23 | 469.174 | NA | 158.00 | 1200.00 | 335.000 |
| 1306-0017 | arsenic | 25 | 1.493 | NA | 0.59 | 2.30 | 1.500 |
| 1306-0017 | cadmium | 2 | 0.105 | NA | 0.07 | 0.14 | 0.105 |
| 1306-0017 | calcium | 15 | 39393.333 | NA | 19300.00 | 60100.00 | 39200.000 |
| 1306-0017 | chloride (as cl) | 23 | 73.748 | NA | 31.50 | 115.00 | 83.300 |
| 1306-0017 | chlorophyll a | 25 | 7.488 | NA | 1.31 | 34.20 | 5.030 |
| 1306-0017 | conductivity at 25 degrees celsius | 10 | 638.200 | NA | 509.00 | 732.00 | 633.000 |
| 1306-0017 | copper | 25 | 2.912 | NA | 1.80 | 5.90 | 2.500 |
| 1306-0017 | hardness (as caco3) | 25 | 174.576 | NA | 71.40 | 252.00 | 190.000 |
| 1306-0017 | iron | 23 | 1005.609 | NA | 426.00 | 2560.00 | 845.000 |
| 1306-0017 | lead | 25 | 1.133 | NA | 0.45 | 2.70 | 0.970 |
| 1306-0017 | magnesium | 24 | 14299.583 | NA | 5250.00 | 24800.00 | 15500.000 |
| 1306-0017 | nickel | 25 | 2.316 | NA | 1.40 | 3.60 | 2.100 |
| 1306-0017 | nitrate+nitrite as nitrogen | 24 | 1.057 | NA | 0.19 | 4.11 | 0.875 |
| 1306-0017 | nitrogen | 15 | 1.907 | NA | 0.93 | 4.96 | 1.490 |
| 1306-0017 | nitrogen, ammonia (as n) | 20 | 0.052 | NA | 0.02 | 0.09 | 0.050 |
| 1306-0017 | nitrogen, kjeldahl, total | 15 | 0.808 | NA | 0.55 | 1.43 | 0.740 |
| 1306-0017 | nitrogen, nitrate (as n) | 25 | 1.047 | NA | 0.19 | 4.10 | 0.870 |
| 1306-0017 | nitrogen, nitrite | 15 | 0.015 | NA | 0.01 | 0.03 | 0.010 |
| 1306-0017 | ph | 20 | 7.799 | 0 | 7.60 | 7.94 | 7.810 |
| 1306-0017 | phosphorus | 25 | 0.109 | NA | 0.05 | 0.30 | 0.090 |
| 1306-0017 | silver | 2 | 0.075 | NA | 0.05 | 0.10 | 0.075 |
| 1306-0017 | temperature of ph analysis | 10 | 20.810 | NA | 19.20 | 24.40 | 20.200 |
| 1306-0017 | total dissolved solids (residue, filterable) | 18 | 288.611 | NA | 150.00 | 379.00 | 311.500 |
| 1306-0017 | turbidity | 23 | 22.097 | NA | 3.22 | 121.00 | 16.600 |
| 1306-0017 | zinc | 23 | 14.717 | NA | 5.40 | 27.70 | 13.600 |

In-Situ Measurements: 1306-0017

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0017 | chl\_rfu | 4 | 0.745 | NA | 0.30 | 0.96 | 0.860 |
| 1306-0017 | chl\_ugl | 4 | 3.175 | NA | 1.30 | 3.85 | 3.775 |
| 1306-0017 | conductance | 21 | 378.766 | NA | 27.10 | 743.00 | 439.200 |
| 1306-0017 | dissolved\_oxygen | 42 | 8.109 | 0 | 4.39 | 12.29 | 7.800 |
| 1306-0017 | pc\_rfu | 4 | 0.000 | NA | -0.08 | 0.06 | 0.010 |
| 1306-0017 | pc\_ugl | 4 | 0.018 | NA | -0.05 | 0.05 | 0.035 |
| 1306-0017 | pct\_saturation | 18 | 84.272 | NA | 50.00 | 118.00 | 84.500 |
| 1306-0017 | ph | 21 | 7.568 | NA | 7.07 | 8.03 | 7.600 |
| 1306-0017 | salinity | 17 | 0.165 | NA | 0.01 | 0.37 | 0.140 |
| 1306-0017 | temperature | 21 | 17.610 | NA | 3.40 | 26.00 | 21.600 |

Dependent Measurements (Metals and Ammonia): 1306-0017

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0017 | lead | 15 | 1.266 | 0 | 0.58 | 2.70 | 1.200 |
| 1306-0017 | nickel | 15 | 2.067 | 0 | 1.40 | 3.60 | 1.900 |
| 1306-0017 | nitrogen, ammonia (as n) | 10 | 0.049 | 0 | 0.02 | 0.09 | 0.045 |
| 1306-0017 | zinc | 15 | 16.240 | 0 | 7.00 | 25.80 | 16.200 |

Numeric Nutrient Criteria: 1306-0017

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** | **Type** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0017 | phosphorus | 25 | 0.109 | 10 | 0.05 | 0.3 | 0.09 | Aquatic Chronic |

BAP Score: 1306-0017

| **SH\_PWL\_ID** | **DATE** | **BAP** | **SD** | **n** |
| --- | --- | --- | --- | --- |
| 1306-0017 | 8/16/2018 | 5.23 | 0.45 | 4 |
| 1306-0017 | 8/2/2017 | 4.12 | 0.23 | 4 |
| 1306-0017 | 8/24/2017 | 4.70 | 0.17 | 2 |

### PWL ID: 1306-0006

Chemistry Measurements: 1306-0006

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0006 | alkalinity, total (as caco3) | 10 | 79.900 | NA | 46.40 | 130.00 | 80.200 |
| 1306-0006 | aluminum | 8 | 468.462 | NA | 26.00 | 1270.00 | 231.500 |
| 1306-0006 | arsenic | 10 | 0.839 | NA | 0.47 | 1.10 | 0.865 |
| 1306-0006 | cadmium | 1 | 0.100 | NA | 0.10 | 0.10 | 0.100 |
| 1306-0006 | calcium | 10 | 34580.000 | NA | 16700.00 | 58200.00 | 34750.000 |
| 1306-0006 | chloride (as cl) | 9 | 56.078 | NA | 28.50 | 84.70 | 51.400 |
| 1306-0006 | chlorophyll a | 10 | 2.483 | NA | 0.77 | 7.53 | 1.110 |
| 1306-0006 | copper | 10 | 1.968 | NA | 0.93 | 4.00 | 1.550 |
| 1306-0006 | hardness (as caco3) | 10 | 108.100 | NA | 54.00 | 180.00 | 108.450 |
| 1306-0006 | iron | 9 | 711.989 | NA | 94.90 | 2340.00 | 380.000 |
| 1306-0006 | lead | 6 | 1.195 | NA | 0.29 | 2.50 | 0.830 |
| 1306-0006 | magnesium | 9 | 5174.444 | NA | 3000.00 | 8410.00 | 4620.000 |
| 1306-0006 | nickel | 10 | 1.521 | NA | 0.81 | 2.70 | 1.350 |
| 1306-0006 | nitrate+nitrite as nitrogen | 10 | 0.348 | NA | 0.00 | 0.58 | 0.400 |
| 1306-0006 | nitrogen | 10 | 0.951 | NA | 0.40 | 1.36 | 1.015 |
| 1306-0006 | nitrogen, ammonia (as n) | 5 | 0.016 | NA | 0.01 | 0.02 | 0.020 |
| 1306-0006 | nitrogen, kjeldahl, total | 10 | 0.637 | NA | 0.37 | 1.00 | 0.630 |
| 1306-0006 | nitrogen, nitrate (as n) | 9 | 0.386 | NA | 0.15 | 0.58 | 0.430 |
| 1306-0006 | nitrogen, nitrite | 1 | 0.010 | NA | 0.01 | 0.01 | 0.010 |
| 1306-0006 | phosphorus | 10 | 0.090 | NA | 0.04 | 0.17 | 0.075 |
| 1306-0006 | total dissolved solids (residue, filterable) | 5 | 194.200 | NA | 134.00 | 263.00 | 168.000 |
| 1306-0006 | turbidity | 8 | 11.627 | NA | 2.84 | 30.90 | 9.385 |
| 1306-0006 | zinc | 5 | 8.560 | NA | 2.70 | 14.00 | 7.400 |

In-Situ Measurements: 1306-0006

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0006 | chl\_rfu | 5 | 1.816 | NA | 0.19 | 7.20 | 0.61 |
| 1306-0006 | chl\_ugl | 5 | 1.968 | NA | 0.80 | 2.80 | 2.29 |
| 1306-0006 | conductance | 13 | 535.731 | NA | 306.90 | 1126.00 | 452.70 |
| 1306-0006 | dissolved\_oxygen | 26 | 9.246 | 0 | 7.80 | 12.40 | 8.98 |
| 1306-0006 | pc\_rfu | 5 | 0.034 | NA | -0.05 | 0.12 | 0.00 |
| 1306-0006 | pc\_ugl | 5 | 0.056 | NA | 0.00 | 0.15 | 0.01 |
| 1306-0006 | pct\_saturation | 13 | 101.900 | NA | 80.20 | 147.00 | 94.00 |
| 1306-0006 | ph | 12 | 7.907 | NA | 7.42 | 8.46 | 7.89 |
| 1306-0006 | salinity | 12 | 0.278 | NA | 0.15 | 0.56 | 0.25 |
| 1306-0006 | temperature | 13 | 20.159 | NA | 10.60 | 25.20 | 20.80 |

Dependent Measurements (Metals and Ammonia): 1306-0006

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0006 | lead | 6 | 1.195 | 0 | 0.29 | 2.50 | 0.83 |
| 1306-0006 | nickel | 10 | 1.521 | 0 | 0.81 | 2.70 | 1.35 |
| 1306-0006 | nitrogen, ammonia (as n) | 5 | 0.016 | 0 | 0.01 | 0.02 | 0.02 |
| 1306-0006 | zinc | 5 | 8.560 | 0 | 2.70 | 14.00 | 7.40 |

Numeric Nutrient Criteria: 1306-0006

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** | **Type** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0006 | phosphorus | 10 | 0.09 | 0 | 0.04 | 0.17 | 0.075 | Aquatic Chronic |

BAP Score: 1306-0006

| **SH\_PWL\_ID** | **DATE** | **BAP** | **SD** | **n** |
| --- | --- | --- | --- | --- |
| 1306-0006 | 8/28/2018 | 6.10 | 0.55 | 4 |
| 1306-0006 | 8/8/2019 | 6.87 | 0.50 | 4 |

### PWL ID: 1306-0078

Chemistry Measurements: 1306-0078

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0078 | alkalinity, total (as caco3) | 9 | 127.378 | NA | 74.00 | 196.00 | 115.000 |
| 1306-0078 | aluminum | 7 | 339.571 | NA | 175.00 | 533.00 | 321.000 |
| 1306-0078 | arsenic | 9 | 1.321 | NA | 0.69 | 2.00 | 1.300 |
| 1306-0078 | cadmium | 1 | 0.090 | NA | 0.09 | 0.09 | 0.090 |
| 1306-0078 | calcium | 9 | 39255.556 | NA | 23800.00 | 59400.00 | 33800.000 |
| 1306-0078 | chloride (as cl) | 8 | 65.562 | NA | 30.50 | 96.80 | 62.050 |
| 1306-0078 | chlorophyll a | 9 | 3.597 | NA | 1.45 | 12.90 | 2.020 |
| 1306-0078 | copper | 9 | 2.522 | NA | 1.60 | 3.50 | 2.600 |
| 1306-0078 | hardness (as caco3) | 9 | 159.733 | NA | 97.60 | 246.00 | 138.000 |
| 1306-0078 | iron | 8 | 847.625 | NA | 304.00 | 1640.00 | 863.000 |
| 1306-0078 | lead | 6 | 1.203 | NA | 0.95 | 1.90 | 1.095 |
| 1306-0078 | magnesium | 8 | 14066.250 | NA | 9230.00 | 23800.00 | 12900.000 |
| 1306-0078 | nickel | 9 | 1.303 | NA | 0.93 | 1.80 | 1.300 |
| 1306-0078 | nitrate+nitrite as nitrogen | 9 | 0.484 | NA | 0.27 | 0.80 | 0.480 |
| 1306-0078 | nitrogen | 9 | 1.114 | NA | 0.65 | 1.52 | 1.150 |
| 1306-0078 | nitrogen, ammonia (as n) | 5 | 0.058 | NA | 0.03 | 0.09 | 0.050 |
| 1306-0078 | nitrogen, kjeldahl, total | 8 | 0.661 | NA | 0.46 | 1.10 | 0.610 |
| 1306-0078 | nitrogen, nitrate (as n) | 9 | 0.479 | NA | 0.27 | 0.79 | 0.480 |
| 1306-0078 | nitrogen, nitrite | 4 | 0.010 | NA | 0.01 | 0.01 | 0.010 |
| 1306-0078 | phosphorus | 9 | 0.128 | NA | 0.09 | 0.17 | 0.120 |
| 1306-0078 | total dissolved solids (residue, filterable) | 4 | 246.000 | NA | 175.00 | 318.00 | 245.500 |
| 1306-0078 | turbidity | 7 | 12.329 | NA | 6.23 | 17.80 | 13.400 |
| 1306-0078 | zinc | 8 | 6.175 | NA | 2.70 | 9.80 | 5.550 |

In-Situ Measurements: 1306-0078

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0078 | chl\_rfu | 5 | 0.634 | NA | 0.36 | 1.25 | 0.49 |
| 1306-0078 | chl\_ugl | 5 | 2.470 | NA | 1.40 | 4.90 | 1.90 |
| 1306-0078 | conductance | 11 | 441.927 | NA | 174.40 | 752.00 | 406.80 |
| 1306-0078 | dissolved\_oxygen | 22 | 6.405 | 0 | 2.40 | 9.31 | 6.15 |
| 1306-0078 | pc\_rfu | 5 | 0.100 | NA | -0.04 | 0.40 | 0.02 |
| 1306-0078 | pc\_ugl | 5 | 0.114 | NA | 0.00 | 0.40 | 0.07 |
| 1306-0078 | pct\_saturation | 11 | 71.009 | NA | 28.00 | 107.60 | 70.10 |
| 1306-0078 | ph | 11 | 7.765 | NA | 7.30 | 8.90 | 7.75 |
| 1306-0078 | salinity | 11 | 0.213 | NA | 0.08 | 0.37 | 0.19 |
| 1306-0078 | temperature | 11 | 21.091 | NA | 11.60 | 26.70 | 22.10 |

Dependent Measurements (Metals and Ammonia): 1306-0078

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0078 | lead | 6 | 1.203 | 0 | 0.95 | 1.90 | 1.095 |
| 1306-0078 | nickel | 9 | 1.303 | 0 | 0.93 | 1.80 | 1.300 |
| 1306-0078 | nitrogen, ammonia (as n) | 5 | 0.058 | 0 | 0.03 | 0.09 | 0.050 |
| 1306-0078 | zinc | 8 | 6.175 | 0 | 2.70 | 9.80 | 5.550 |

Numeric Nutrient Criteria: 1306-0078

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** | **Type** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0078 | phosphorus | 9 | 0.128 | 0 | 0.09 | 0.17 | 0.12 | Aquatic Chronic |

BAP Score: 1306-0078

| **SH\_PWL\_ID** | **DATE** | **BAP** | **SD** | **n** |
| --- | --- | --- | --- | --- |
| 1306-0078 | 8/28/2018 | 5.50 | 0.48 | 4 |
| 1306-0078 | 8/8/2019 | 5.14 | 0.79 | 4 |

### PWL ID: 1306-0025

Chemistry Measurements: 1306-0025

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0025 | alkalinity, total (as caco3) | 10 | 142.620 | NA | 78.80 | 182.00 | 144.000 |
| 1306-0025 | aluminum | 10 | 373.700 | NA | 138.00 | 681.00 | 395.500 |
| 1306-0025 | arsenic | 10 | 2.640 | NA | 1.30 | 6.00 | 2.300 |
| 1306-0025 | cadmium | 2 | 1.525 | NA | 0.15 | 2.90 | 1.525 |
| 1306-0025 | calcium | 5 | 46940.000 | NA | 35300.00 | 57900.00 | 46400.000 |
| 1306-0025 | chloride (as cl) | 8 | 73.925 | NA | 31.80 | 91.10 | 85.650 |
| 1306-0025 | chlorophyll a | 10 | 9.610 | NA | 2.33 | 40.90 | 5.685 |
| 1306-0025 | conductivity at 25 degrees celsius | 5 | 668.000 | NA | 548.00 | 727.00 | 693.000 |
| 1306-0025 | copper | 10 | 6.250 | NA | 3.40 | 14.20 | 5.250 |
| 1306-0025 | hardness (as caco3) | 10 | 194.700 | NA | 126.00 | 242.00 | 194.000 |
| 1306-0025 | iron | 9 | 823.778 | NA | 368.00 | 1310.00 | 857.000 |
| 1306-0025 | lead | 10 | 0.996 | NA | 0.49 | 1.90 | 0.945 |
| 1306-0025 | magnesium | 10 | 15157.000 | NA | 9270.00 | 19600.00 | 15000.000 |
| 1306-0025 | nickel | 10 | 2.490 | NA | 1.20 | 3.60 | 2.600 |
| 1306-0025 | nitrate+nitrite as nitrogen | 10 | 2.044 | NA | 0.94 | 7.28 | 1.440 |
| 1306-0025 | nitrogen | 5 | 4.248 | NA | 1.67 | 10.10 | 2.990 |
| 1306-0025 | nitrogen, ammonia (as n) | 8 | 0.090 | NA | 0.03 | 0.15 | 0.095 |
| 1306-0025 | nitrogen, kjeldahl, total | 5 | 1.468 | NA | 0.73 | 2.81 | 1.350 |
| 1306-0025 | nitrogen, nitrate (as n) | 10 | 2.005 | NA | 0.91 | 7.24 | 1.390 |
| 1306-0025 | nitrogen, nitrite | 10 | 0.040 | NA | 0.02 | 0.06 | 0.040 |
| 1306-0025 | ph | 10 | 7.798 | 0 | 7.60 | 8.00 | 7.820 |
| 1306-0025 | phosphorus | 10 | 0.531 | NA | 0.28 | 0.76 | 0.580 |
| 1306-0025 | temperature of ph analysis | 5 | 20.860 | NA | 19.20 | 24.40 | 20.600 |
| 1306-0025 | total dissolved solids (residue, filterable) | 9 | 324.889 | NA | 232.00 | 386.00 | 320.000 |
| 1306-0025 | turbidity | 10 | 12.298 | NA | 4.45 | 26.10 | 10.825 |
| 1306-0025 | zinc | 9 | 9.578 | NA | 2.70 | 27.10 | 7.300 |

In-Situ Measurements: 1306-0025

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0025 | conductance | 11 | 497.518 | NA | 189.30 | 1197.00 | 460.00 |
| 1306-0025 | dissolved\_oxygen | 22 | 7.304 | 0 | 0.40 | 14.00 | 7.70 |
| 1306-0025 | pct\_saturation | 8 | 94.675 | NA | 5.00 | 182.00 | 101.00 |
| 1306-0025 | ph | 11 | 7.795 | NA | 7.20 | 8.60 | 7.60 |
| 1306-0025 | salinity | 5 | 0.248 | NA | 0.09 | 0.69 | 0.16 |
| 1306-0025 | temperature | 11 | 21.330 | NA | 14.90 | 28.40 | 21.20 |

Dependent Measurements (Metals and Ammonia): 1306-0025

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0025 | lead | 5 | 1.10 | 0 | 0.64 | 1.90 | 0.89 |
| 1306-0025 | nickel | 5 | 1.94 | 0 | 1.20 | 3.00 | 1.80 |
| 1306-0025 | nitrogen, ammonia (as n) | 3 | 0.07 | 0 | 0.04 | 0.12 | 0.05 |
| 1306-0025 | zinc | 5 | 11.44 | 0 | 2.70 | 27.10 | 7.00 |

Numeric Nutrient Criteria: 1306-0025

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** | **Type** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0025 | phosphorus | 10 | 0.531 | 5 | 0.28 | 0.76 | 0.58 | Aquatic Chronic |

BAP Score: 1306-0025

| **SH\_PWL\_ID** | **DATE** | **BAP** | **SD** | **n** |
| --- | --- | --- | --- | --- |
| 1306-0025 | 8/2/2017 | 2.39 | 0.52 | 4 |

### PWL ID: 1306-0061

Chemistry Measurements: 1306-0061

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0061 | alkalinity, total (as caco3) | 15 | 107.373 | NA | 44.00 | 175.00 | 1.00e+02 |
| 1306-0061 | aluminum | 15 | 733.193 | NA | 55.90 | 3400.00 | 5.56e+02 |
| 1306-0061 | arsenic | 15 | 1.643 | NA | 0.85 | 2.60 | 1.70e+00 |
| 1306-0061 | cadmium | 2 | 0.170 | NA | 0.14 | 0.20 | 1.70e-01 |
| 1306-0061 | calcium | 10 | 50900.000 | NA | 29100.00 | 72200.00 | 4.57e+04 |
| 1306-0061 | chloride (as cl) | 15 | 180.073 | NA | 33.80 | 270.00 | 2.03e+02 |
| 1306-0061 | chlorophyll a | 15 | 4.476 | NA | 0.72 | 12.30 | 2.78e+00 |
| 1306-0061 | conductivity at 25 degrees celsius | 5 | 1151.200 | NA | 926.00 | 1290.00 | 1.17e+03 |
| 1306-0061 | copper | 15 | 9.473 | NA | 4.10 | 24.20 | 8.10e+00 |
| 1306-0061 | hardness (as caco3) | 15 | 188.047 | NA | 96.70 | 270.00 | 2.10e+02 |
| 1306-0061 | iron | 13 | 1077.923 | NA | 392.00 | 2220.00 | 1.17e+03 |
| 1306-0061 | lead | 15 | 6.668 | NA | 0.82 | 40.00 | 4.20e+00 |
| 1306-0061 | magnesium | 15 | 10706.000 | NA | 5850.00 | 14300.00 | 1.19e+04 |
| 1306-0061 | nickel | 15 | 3.447 | NA | 1.40 | 6.60 | 3.30e+00 |
| 1306-0061 | nitrate+nitrite as nitrogen | 15 | 7.429 | NA | 0.64 | 23.40 | 2.50e+00 |
| 1306-0061 | nitrogen | 10 | 9.098 | NA | 1.35 | 24.20 | 4.83e+00 |
| 1306-0061 | nitrogen, ammonia (as n) | 12 | 0.076 | NA | 0.03 | 0.28 | 6.00e-02 |
| 1306-0061 | nitrogen, kjeldahl, total | 10 | 1.098 | NA | 0.71 | 2.66 | 9.75e-01 |
| 1306-0061 | nitrogen, nitrate (as n) | 15 | 7.381 | NA | 0.61 | 23.30 | 2.49e+00 |
| 1306-0061 | nitrogen, nitrite | 15 | 0.047 | NA | 0.01 | 0.25 | 3.00e-02 |
| 1306-0061 | ph | 10 | 7.752 | 0 | 7.41 | 8.28 | 7.72e+00 |
| 1306-0061 | phosphorus | 15 | 1.543 | NA | 0.24 | 2.88 | 1.58e+00 |
| 1306-0061 | silver | 7 | 0.104 | NA | 0.05 | 0.29 | 8.00e-02 |
| 1306-0061 | temperature of ph analysis | 5 | 21.020 | NA | 19.10 | 24.40 | 2.07e+01 |
| 1306-0061 | total dissolved solids (residue, filterable) | 14 | 518.071 | NA | 250.00 | 767.00 | 5.32e+02 |
| 1306-0061 | turbidity | 15 | 27.224 | NA | 2.30 | 101.00 | 1.58e+01 |
| 1306-0061 | zinc | 14 | 34.093 | NA | 9.90 | 112.00 | 3.30e+01 |

In-Situ Measurements: 1306-0061

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0061 | conductance | 13 | 813.354 | NA | 365.20 | 1402.00 | 815.000 |
| 1306-0061 | dissolved\_oxygen | 26 | 6.948 | 0 | 5.50 | 9.09 | 6.670 |
| 1306-0061 | pct\_saturation | 13 | 81.838 | NA | 64.00 | 108.20 | 81.000 |
| 1306-0061 | ph | 13 | 7.584 | NA | 7.21 | 8.60 | 7.420 |
| 1306-0061 | salinity | 12 | 0.390 | NA | 0.17 | 0.70 | 0.395 |
| 1306-0061 | temperature | 13 | 22.931 | NA | 16.30 | 28.50 | 23.500 |

Dependent Measurements (Metals and Ammonia): 1306-0061

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0061 | lead | 10 | 7.822 | 0 | 0.82 | 40.00 | 3.90 |
| 1306-0061 | nickel | 10 | 3.000 | 0 | 1.40 | 6.60 | 2.85 |
| 1306-0061 | nitrogen, ammonia (as n) | 7 | 0.043 | 0 | 0.03 | 0.06 | 0.04 |
| 1306-0061 | zinc | 10 | 31.870 | 0 | 9.90 | 112.00 | 25.90 |

Numeric Nutrient Criteria: 1306-0061

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** | **Type** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0061 | phosphorus | 15 | 1.543 | 10 | 0.24 | 2.88 | 1.58 | Aquatic Chronic |

BAP Score: 1306-0061

| **SH\_PWL\_ID** | **DATE** | **BAP** | **SD** | **n** |
| --- | --- | --- | --- | --- |
| 1306-0061 | 8/2/2017 | 3.46 | 0.39 | 4 |
| 1306-0061 | 8/28/2018 | 3.21 | 1.07 | 4 |

### PWL ID: 1306-0074

Chemistry Measurements: 1306-0074

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0074 | alkalinity, total (as caco3) | 15 | 126.907 | NA | 70.80 | 172.00 | 126.000 |
| 1306-0074 | aluminum | 14 | 226.229 | NA | 19.50 | 1100.00 | 164.500 |
| 1306-0074 | arsenic | 14 | 1.288 | NA | 0.48 | 2.20 | 1.200 |
| 1306-0074 | cadmium | 1 | 0.600 | NA | 0.60 | 0.60 | 0.600 |
| 1306-0074 | calcium | 10 | 57700.000 | NA | 32400.00 | 85800.00 | 51650.000 |
| 1306-0074 | chloride (as cl) | 14 | 169.429 | NA | 32.60 | 298.00 | 166.500 |
| 1306-0074 | chlorophyll a | 15 | 3.299 | NA | 0.83 | 11.30 | 2.300 |
| 1306-0074 | conductivity at 25 degrees celsius | 5 | 999.000 | NA | 838.00 | 1190.00 | 984.000 |
| 1306-0074 | copper | 15 | 4.467 | NA | 2.70 | 7.90 | 4.000 |
| 1306-0074 | hardness (as caco3) | 15 | 195.000 | NA | 100.00 | 268.00 | 200.000 |
| 1306-0074 | iron | 14 | 420.214 | NA | 116.00 | 848.00 | 377.500 |
| 1306-0074 | lead | 14 | 2.054 | NA | 0.58 | 8.50 | 1.200 |
| 1306-0074 | magnesium | 15 | 8909.333 | NA | 4680.00 | 13000.00 | 8270.000 |
| 1306-0074 | nickel | 15 | 2.177 | NA | 0.96 | 3.50 | 2.000 |
| 1306-0074 | nitrate+nitrite as nitrogen | 15 | 0.430 | NA | 0.16 | 1.31 | 0.380 |
| 1306-0074 | nitrogen | 10 | 1.162 | NA | 0.82 | 2.11 | 1.080 |
| 1306-0074 | nitrogen, ammonia (as n) | 12 | 0.043 | NA | 0.01 | 0.19 | 0.020 |
| 1306-0074 | nitrogen, kjeldahl, total | 10 | 0.633 | NA | 0.42 | 0.80 | 0.630 |
| 1306-0074 | nitrogen, nitrate (as n) | 15 | 0.413 | NA | 0.16 | 1.08 | 0.380 |
| 1306-0074 | nitrogen, nitrite | 3 | 0.093 | NA | 0.02 | 0.24 | 0.020 |
| 1306-0074 | ph | 10 | 8.082 | 0 | 7.82 | 8.46 | 8.010 |
| 1306-0074 | phosphorus | 15 | 0.089 | NA | 0.05 | 0.16 | 0.080 |
| 1306-0074 | silver | 2 | 0.075 | NA | 0.05 | 0.10 | 0.075 |
| 1306-0074 | temperature of ph analysis | 5 | 20.980 | NA | 19.30 | 24.40 | 20.700 |
| 1306-0074 | total dissolved solids (residue, filterable) | 15 | 476.667 | NA | 252.00 | 700.00 | 445.000 |
| 1306-0074 | turbidity | 12 | 8.657 | NA | 1.16 | 33.20 | 4.420 |
| 1306-0074 | zinc | 13 | 9.354 | NA | 2.50 | 29.20 | 5.900 |

In-Situ Measurements: 1306-0074

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0074 | conductance | 18 | 869.166 | NA | 310.00 | 1430.00 | 864.500 |
| 1306-0074 | dissolved\_oxygen | 36 | 8.379 | 0 | 6.70 | 11.90 | 8.300 |
| 1306-0074 | pct\_saturation | 13 | 90.746 | NA | 71.00 | 105.00 | 91.000 |
| 1306-0074 | ph | 16 | 7.753 | NA | 6.90 | 8.50 | 7.795 |
| 1306-0074 | salinity | 12 | 0.471 | NA | 0.22 | 0.72 | 0.435 |
| 1306-0074 | temperature | 18 | 20.022 | NA | 15.40 | 23.70 | 19.950 |

Dependent Measurements (Metals and Ammonia): 1306-0074

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0074 | lead | 9 | 1.583 | 0 | 0.58 | 3.90 | 0.98 |
| 1306-0074 | nickel | 9 | 1.684 | 0 | 0.96 | 2.40 | 1.70 |
| 1306-0074 | nitrogen, ammonia (as n) | 7 | 0.060 | 0 | 0.02 | 0.19 | 0.03 |
| 1306-0074 | zinc | 9 | 9.644 | 0 | 2.50 | 29.20 | 5.90 |

Numeric Nutrient Criteria: 1306-0074

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** | **Type** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0074 | phosphorus | 15 | 0.089 | 5 | 0.05 | 0.16 | 0.08 | Aquatic Chronic |

BAP Score: 1306-0074

| **SH\_PWL\_ID** | **DATE** | **BAP** | **SD** | **n** |
| --- | --- | --- | --- | --- |
| 1306-0074 | 7/26/2017 | 4.41 | NA | 1 |
| 1306-0074 | 8/2/2017 | 5.78 | 0.31 | 4 |
| 1306-0074 | 8/27/2018 | 4.59 | 0.94 | 8 |

### PWL ID: 1306-0059

Chemistry Measurements: 1306-0059

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0059 | alkalinity, total (as caco3) | 5 | 46.080 | NA | 35.60 | 53.60 | 46.80 |
| 1306-0059 | aluminum | 4 | 191.825 | NA | 49.20 | 368.00 | 175.05 |
| 1306-0059 | arsenic | 5 | 0.802 | NA | 0.54 | 1.00 | 0.86 |
| 1306-0059 | cadmium | 1 | 0.570 | NA | 0.57 | 0.57 | 0.57 |
| 1306-0059 | calcium | 5 | 19000.000 | NA | 14700.00 | 21400.00 | 19200.00 |
| 1306-0059 | chloride (as cl) | 4 | 32.750 | NA | 23.00 | 42.20 | 32.90 |
| 1306-0059 | chlorophyll a | 5 | 3.114 | NA | 0.78 | 6.95 | 2.23 |
| 1306-0059 | copper | 5 | 16.600 | NA | 8.40 | 29.10 | 14.30 |
| 1306-0059 | hardness (as caco3) | 5 | 61.120 | NA | 48.00 | 68.00 | 62.50 |
| 1306-0059 | iron | 5 | 640.000 | NA | 234.00 | 1200.00 | 587.00 |
| 1306-0059 | lead | 5 | 0.676 | NA | 0.16 | 1.00 | 0.78 |
| 1306-0059 | magnesium | 5 | 3318.000 | NA | 2760.00 | 3660.00 | 3510.00 |
| 1306-0059 | nickel | 5 | 1.188 | NA | 0.54 | 1.60 | 1.30 |
| 1306-0059 | nitrate+nitrite as nitrogen | 5 | 0.102 | NA | 0.04 | 0.19 | 0.08 |
| 1306-0059 | nitrogen | 5 | 0.622 | NA | 0.52 | 0.69 | 0.65 |
| 1306-0059 | nitrogen, ammonia (as n) | 4 | 0.020 | NA | 0.01 | 0.03 | 0.02 |
| 1306-0059 | nitrogen, kjeldahl, total | 5 | 0.518 | NA | 0.48 | 0.63 | 0.49 |
| 1306-0059 | nitrogen, nitrate (as n) | 4 | 0.118 | NA | 0.06 | 0.19 | 0.11 |
| 1306-0059 | phosphorus | 5 | 0.044 | 0 | 0.02 | 0.06 | 0.05 |
| 1306-0059 | total dissolved solids (residue, filterable) | 5 | 137.000 | NA | 125.00 | 149.00 | 138.00 |
| 1306-0059 | turbidity | 5 | 5.280 | NA | 2.24 | 13.20 | 3.91 |
| 1306-0059 | zinc | 4 | 5.250 | NA | 4.20 | 6.20 | 5.30 |

In-Situ Measurements: 1306-0059

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0059 | conductance | 4 | 3577.350 | NA | 230.00 | 13379.00 | 350.200 |
| 1306-0059 | dissolved\_oxygen | 8 | 7.753 | 0 | 6.70 | 8.90 | 7.705 |
| 1306-0059 | pct\_saturation | 4 | 92.750 | NA | 82.00 | 104.00 | 92.500 |
| 1306-0059 | ph | 4 | 7.852 | NA | 7.50 | 8.19 | 7.860 |
| 1306-0059 | salinity | 4 | 2.042 | NA | 0.11 | 7.73 | 0.165 |
| 1306-0059 | temperature | 4 | 23.700 | NA | 20.90 | 27.70 | 23.100 |

Dependent Measurements (Metals and Ammonia): 1306-0059

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0059 | lead | 3 | 0.533 | 0 | 0.16 | 1.00 | 0.44 |
| 1306-0059 | nickel | 3 | 1.147 | 0 | 0.54 | 1.60 | 1.30 |
| 1306-0059 | nitrogen, ammonia (as n) | 2 | 0.020 | 0 | 0.01 | 0.03 | 0.02 |
| 1306-0059 | zinc | 2 | 6.100 | 0 | 6.00 | 6.20 | 6.10 |

Numeric Nutrient Criteria: 1306-0059

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** | **Type** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0059 | phosphorus | 5 | 0.044 | 4 | 0.02 | 0.06 | 0.05 | Aquatic Chronic |

BAP Score: 1306-0059

| **SH\_PWL\_ID** | **DATE** | **BAP** | **SD** | **n** |
| --- | --- | --- | --- | --- |
| 1306-0059 | 8/27/2018 | 3.09 | 1.13 | 4 |

### PWL ID: 1306-0047

Chemistry Measurements: 1306-0047

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0047 | alkalinity, total (as caco3) | 10 | 66.180 | NA | 34.00 | 181.00 | 51.000 |
| 1306-0047 | aluminum | 10 | 358.000 | NA | 85.70 | 1640.00 | 194.000 |
| 1306-0047 | arsenic | 10 | 1.735 | NA | 0.60 | 7.30 | 0.935 |
| 1306-0047 | cadmium | 4 | 0.332 | NA | 0.08 | 0.60 | 0.325 |
| 1306-0047 | calcium | 10 | 24760.000 | NA | 11300.00 | 62700.00 | 18850.000 |
| 1306-0047 | chloride (as cl) | 8 | 71.588 | NA | 18.20 | 275.00 | 34.600 |
| 1306-0047 | chlorophyll a | 10 | 26.468 | NA | 0.45 | 194.00 | 4.005 |
| 1306-0047 | copper | 10 | 3.580 | NA | 1.90 | 7.80 | 2.750 |
| 1306-0047 | hardness (as caco3) | 10 | 79.920 | NA | 37.40 | 197.00 | 61.300 |
| 1306-0047 | iron | 10 | 1564.000 | NA | 454.00 | 6520.00 | 682.000 |
| 1306-0047 | lead | 10 | 1.140 | NA | 0.32 | 3.90 | 0.690 |
| 1306-0047 | magnesium | 10 | 4397.000 | NA | 2250.00 | 9940.00 | 3445.000 |
| 1306-0047 | nickel | 10 | 1.650 | NA | 0.94 | 4.10 | 1.300 |
| 1306-0047 | nitrate+nitrite as nitrogen | 10 | 0.172 | NA | 0.02 | 0.28 | 0.205 |
| 1306-0047 | nitrogen | 10 | 1.543 | NA | 0.69 | 7.47 | 0.805 |
| 1306-0047 | nitrogen, ammonia (as n) | 8 | 0.048 | NA | 0.01 | 0.14 | 0.030 |
| 1306-0047 | nitrogen, kjeldahl, total | 10 | 1.373 | NA | 0.52 | 7.46 | 0.660 |
| 1306-0047 | nitrogen, nitrate (as n) | 10 | 0.170 | NA | 0.02 | 0.28 | 0.200 |
| 1306-0047 | nitrogen, nitrite | 2 | 0.010 | NA | 0.01 | 0.01 | 0.010 |
| 1306-0047 | phosphorus | 10 | 0.176 | 0 | 0.06 | 0.82 | 0.095 |
| 1306-0047 | total dissolved solids (residue, filterable) | 10 | 220.600 | NA | 103.00 | 700.00 | 153.500 |
| 1306-0047 | turbidity | 10 | 20.730 | NA | 3.08 | 86.10 | 6.710 |
| 1306-0047 | zinc | 10 | 6.980 | NA | 2.50 | 22.40 | 4.250 |

In-Situ Measurements: 1306-0047

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0047 | conductance | 12 | 1109.741 | NA | 206.50 | 6314.00 | 662.50 |
| 1306-0047 | dissolved\_oxygen | 24 | 8.633 | 0 | 6.20 | 13.10 | 8.05 |
| 1306-0047 | pct\_saturation | 12 | 102.250 | NA | 74.50 | 163.00 | 89.10 |
| 1306-0047 | ph | 12 | 7.576 | NA | 6.56 | 8.30 | 7.62 |
| 1306-0047 | salinity | 11 | 0.587 | NA | 0.10 | 3.44 | 0.30 |
| 1306-0047 | temperature | 12 | 23.175 | NA | 16.60 | 27.10 | 24.75 |

Dependent Measurements (Metals and Ammonia): 1306-0047

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0047 | lead | 10 | 1.140 | 0 | 0.32 | 3.90 | 0.69 |
| 1306-0047 | nickel | 10 | 1.650 | 0 | 0.94 | 4.10 | 1.30 |
| 1306-0047 | nitrogen, ammonia (as n) | 8 | 0.048 | 0 | 0.01 | 0.14 | 0.03 |
| 1306-0047 | zinc | 10 | 6.980 | 0 | 2.50 | 22.40 | 4.25 |

Numeric Nutrient Criteria: 1306-0047

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** | **Type** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0047 | phosphorus | 10 | 0.176 | 10 | 0.06 | 0.82 | 0.095 | Aquatic Chronic |

BAP Score: 1306-0047

| **SH\_PWL\_ID** | **DATE** | **BAP** | **SD** | **n** |
| --- | --- | --- | --- | --- |
| 1306-0047 | 8/27/2018 | 3.56 | 1.4 | 8 |

### PWL ID: 1306-0048

Chemistry Measurements: 1306-0048

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0048 | alkalinity, total (as caco3) | 5 | 46.880 | NA | 33.20 | 64.40 | 4.08e+01 |
| 1306-0048 | aluminum | 5 | 268.980 | NA | 89.90 | 508.00 | 3.17e+02 |
| 1306-0048 | arsenic | 5 | 0.886 | 0 | 0.63 | 1.10 | 9.00e-01 |
| 1306-0048 | cadmium | 1 | 0.550 | 0 | 0.55 | 0.55 | 5.50e-01 |
| 1306-0048 | calcium | 5 | 20340.000 | NA | 12200.00 | 27700.00 | 1.87e+04 |
| 1306-0048 | chloride (as cl) | 4 | 48.600 | NA | 28.70 | 80.10 | 4.28e+01 |
| 1306-0048 | chlorophyll a | 5 | 2.132 | NA | 0.89 | 5.25 | 1.63e+00 |
| 1306-0048 | copper | 5 | 3.360 | 0 | 2.20 | 4.70 | 3.00e+00 |
| 1306-0048 | hardness (as caco3) | 5 | 66.860 | NA | 40.90 | 91.30 | 6.20e+01 |
| 1306-0048 | iron | 5 | 704.000 | 4 | 206.00 | 1340.00 | 6.63e+02 |
| 1306-0048 | lead | 5 | 0.678 | 0 | 0.29 | 1.10 | 7.20e-01 |
| 1306-0048 | magnesium | 5 | 3894.000 | 0 | 2500.00 | 5340.00 | 3.69e+03 |
| 1306-0048 | nickel | 5 | 1.152 | 0 | 0.88 | 1.40 | 1.20e+00 |
| 1306-0048 | nitrate+nitrite as nitrogen | 5 | 0.128 | NA | 0.05 | 0.39 | 7.00e-02 |
| 1306-0048 | nitrogen | 5 | 0.782 | NA | 0.63 | 1.09 | 7.10e-01 |
| 1306-0048 | nitrogen, ammonia (as n) | 4 | 0.025 | NA | 0.01 | 0.04 | 2.50e-02 |
| 1306-0048 | nitrogen, kjeldahl, total | 5 | 0.656 | NA | 0.43 | 1.03 | 6.10e-01 |
| 1306-0048 | nitrogen, nitrate (as n) | 3 | 0.170 | NA | 0.05 | 0.39 | 7.00e-02 |
| 1306-0048 | phosphorus | 5 | 0.070 | 0 | 0.05 | 0.10 | 6.00e-02 |
| 1306-0048 | total dissolved solids (residue, filterable) | 5 | 174.400 | NA | 124.00 | 226.00 | 1.69e+02 |
| 1306-0048 | turbidity | 5 | 10.964 | NA | 3.75 | 19.20 | 9.21e+00 |
| 1306-0048 | zinc | 4 | 4.475 | NA | 2.90 | 6.30 | 4.35e+00 |

In-Situ Measurements: 1306-0048

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0048 | conductance | 6 | 637.950 | NA | 299.00 | 1083.00 | 582.600 |
| 1306-0048 | dissolved\_oxygen | 12 | 7.358 | 0 | 5.30 | 8.50 | 7.580 |
| 1306-0048 | pct\_saturation | 6 | 86.167 | NA | 65.00 | 101.00 | 89.750 |
| 1306-0048 | ph | 6 | 7.627 | NA | 7.03 | 8.39 | 7.635 |
| 1306-0048 | salinity | 6 | 0.310 | NA | 0.14 | 0.54 | 0.280 |
| 1306-0048 | temperature | 6 | 22.467 | NA | 17.80 | 25.30 | 23.200 |

Dependent Measurements (Metals and Ammonia): 1306-0048

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0048 | lead | 5 | 0.678 | 0 | 0.29 | 1.10 | 0.720 |
| 1306-0048 | nickel | 5 | 1.152 | 0 | 0.88 | 1.40 | 1.200 |
| 1306-0048 | nitrogen, ammonia (as n) | 4 | 0.025 | 0 | 0.01 | 0.04 | 0.025 |
| 1306-0048 | zinc | 4 | 4.475 | 0 | 2.90 | 6.30 | 4.350 |

Numeric Nutrient Criteria: 1306-0048

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** | **Type** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0048 | phosphorus | 5 | 0.07 | 5 | 0.05 | 0.1 | 0.06 | Aquatic Chronic |
| 1306-0048 | phosphorus | 5 | 0.07 | 5 | 0.05 | 0.1 | 0.06 | Health-Water Supply |

BAP Score: 1306-0048

| **SH\_PWL\_ID** | **DATE** | **BAP** | **SD** | **n** |
| --- | --- | --- | --- | --- |
| 1306-0048 | 8/27/2018 | 4.54 | 0.58 | 4 |

### PWL ID: 1306-0072

Chemistry Measurements: 1306-0072

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0072 | alkalinity, total (as caco3) | 5 | 110.880 | NA | 59.20 | 149.00 | 116.00 |
| 1306-0072 | aluminum | 5 | 350.400 | NA | 116.00 | 983.00 | 163.00 |
| 1306-0072 | arsenic | 5 | 1.462 | NA | 0.91 | 2.00 | 1.50 |
| 1306-0072 | calcium | 5 | 55320.000 | NA | 32600.00 | 80300.00 | 47400.00 |
| 1306-0072 | chloride (as cl) | 5 | 140.480 | NA | 56.70 | 269.00 | 116.00 |
| 1306-0072 | chlorophyll a | 5 | 20.920 | NA | 1.84 | 55.60 | 17.30 |
| 1306-0072 | copper | 5 | 3.280 | NA | 2.30 | 4.70 | 3.30 |
| 1306-0072 | hardness (as caco3) | 5 | 169.600 | NA | 102.00 | 251.00 | 141.00 |
| 1306-0072 | iron | 4 | 786.500 | NA | 453.00 | 1330.00 | 681.50 |
| 1306-0072 | lead | 5 | 1.372 | NA | 0.50 | 3.50 | 0.86 |
| 1306-0072 | magnesium | 5 | 7610.000 | NA | 4510.00 | 12300.00 | 6130.00 |
| 1306-0072 | nickel | 5 | 1.980 | NA | 1.30 | 2.60 | 2.00 |
| 1306-0072 | nitrate+nitrite as nitrogen | 5 | 0.226 | NA | 0.11 | 0.40 | 0.20 |
| 1306-0072 | nitrogen | 5 | 0.936 | NA | 0.72 | 1.22 | 0.93 |
| 1306-0072 | nitrogen, ammonia (as n) | 3 | 0.017 | NA | 0.01 | 0.02 | 0.02 |
| 1306-0072 | nitrogen, kjeldahl, total | 5 | 0.708 | NA | 0.54 | 1.10 | 0.67 |
| 1306-0072 | nitrogen, nitrate (as n) | 5 | 0.226 | NA | 0.11 | 0.40 | 0.20 |
| 1306-0072 | phosphorus | 5 | 0.066 | 0 | 0.06 | 0.07 | 0.07 |
| 1306-0072 | silver | 1 | 0.110 | NA | 0.11 | 0.11 | 0.11 |
| 1306-0072 | total dissolved solids (residue, filterable) | 5 | 391.600 | NA | 225.00 | 621.00 | 324.00 |
| 1306-0072 | turbidity | 4 | 16.738 | NA | 4.63 | 41.60 | 10.36 |
| 1306-0072 | zinc | 5 | 9.920 | NA | 3.20 | 22.80 | 8.50 |

In-Situ Measurements: 1306-0072

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0072 | conductance | 6 | 748.365 | NA | 411.60 | 1605.00 | 577.145 |
| 1306-0072 | dissolved\_oxygen | 12 | 7.958 | 0 | 4.95 | 10.10 | 8.200 |
| 1306-0072 | pct\_saturation | 6 | 85.983 | NA | 58.10 | 105.00 | 92.900 |
| 1306-0072 | ph | 6 | 7.318 | NA | 6.60 | 7.97 | 7.395 |
| 1306-0072 | salinity | 6 | 0.370 | NA | 0.20 | 0.81 | 0.280 |
| 1306-0072 | temperature | 6 | 18.717 | NA | 14.60 | 24.00 | 17.600 |

Dependent Measurements (Metals and Ammonia): 1306-0072

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0072 | lead | 5 | 1.372 | 0 | 0.50 | 3.50 | 0.86 |
| 1306-0072 | nickel | 5 | 1.980 | 0 | 1.30 | 2.60 | 2.00 |
| 1306-0072 | nitrogen, ammonia (as n) | 3 | 0.017 | 0 | 0.01 | 0.02 | 0.02 |
| 1306-0072 | zinc | 5 | 9.920 | 0 | 3.20 | 22.80 | 8.50 |

Numeric Nutrient Criteria: 1306-0072

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** | **Type** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0072 | phosphorus | 5 | 0.066 | 0 | 0.06 | 0.07 | 0.07 | Aquatic Chronic |

BAP Score: 1306-0072

| **SH\_PWL\_ID** | **DATE** | **BAP** | **SD** | **n** |
| --- | --- | --- | --- | --- |
| 1306-0072 | 8/27/2018 | 5.6 | 0.83 | 4 |

### PWL ID: 1306-0038

Chemistry Measurements: 1306-0038

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0038 | alkalinity, total (as caco3) | 50 | 122.140 | NA | 65.20 | 166.00 | 127.000 |
| 1306-0038 | aluminum | 48 | 393.279 | NA | 30.30 | 1660.00 | 217.500 |
| 1306-0038 | arsenic | 49 | 1.456 | NA | 0.41 | 2.80 | 1.400 |
| 1306-0038 | cadmium | 4 | 0.562 | NA | 0.52 | 0.59 | 0.570 |
| 1306-0038 | calcium | 30 | 43776.667 | NA | 28200.00 | 64200.00 | 42700.000 |
| 1306-0038 | chloride (as cl) | 48 | 79.323 | NA | 33.60 | 115.00 | 84.250 |
| 1306-0038 | chlorophyll a | 50 | 11.009 | NA | 0.69 | 132.00 | 3.715 |
| 1306-0038 | conductivity at 25 degrees celsius | 20 | 637.750 | NA | 507.00 | 762.00 | 647.500 |
| 1306-0038 | copper | 50 | 4.158 | NA | 2.50 | 7.40 | 3.950 |
| 1306-0038 | hardness (as caco3) | 50 | 170.996 | NA | 92.80 | 241.00 | 178.000 |
| 1306-0038 | iron | 49 | 811.504 | NA | 86.00 | 3040.00 | 501.000 |
| 1306-0038 | lead | 43 | 1.237 | NA | 0.41 | 3.50 | 0.830 |
| 1306-0038 | magnesium | 49 | 12629.388 | NA | 5420.00 | 19500.00 | 12900.000 |
| 1306-0038 | nickel | 50 | 2.386 | NA | 1.20 | 4.10 | 2.200 |
| 1306-0038 | nitrate+nitrite as nitrogen | 49 | 1.228 | NA | 0.21 | 4.76 | 1.140 |
| 1306-0038 | nitrogen | 30 | 2.239 | NA | 1.10 | 5.48 | 2.080 |
| 1306-0038 | nitrogen, ammonia (as n) | 39 | 0.037 | NA | 0.01 | 0.12 | 0.030 |
| 1306-0038 | nitrogen, kjeldahl, total | 30 | 0.958 | NA | 0.56 | 1.60 | 0.895 |
| 1306-0038 | nitrogen, nitrate (as n) | 50 | 1.217 | NA | 0.21 | 4.74 | 1.160 |
| 1306-0038 | nitrogen, nitrite | 36 | 0.016 | NA | 0.01 | 0.03 | 0.020 |
| 1306-0038 | ph | 40 | 8.005 | 1 | 7.71 | 8.58 | 7.965 |
| 1306-0038 | phosphorus | 50 | 0.200 | 0 | 0.09 | 0.45 | 0.185 |
| 1306-0038 | silver | 1 | 0.160 | NA | 0.16 | 0.16 | 0.160 |
| 1306-0038 | temperature of ph analysis | 20 | 21.500 | NA | 19.20 | 26.30 | 20.750 |
| 1306-0038 | total dissolved solids (residue, filterable) | 45 | 315.933 | NA | 194.00 | 418.00 | 331.000 |
| 1306-0038 | turbidity | 42 | 13.758 | NA | 1.19 | 63.30 | 8.540 |
| 1306-0038 | zinc | 44 | 9.493 | NA | 3.30 | 26.00 | 6.450 |

In-Situ Measurements: 1306-0038

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0038 | chl\_rfu | 4 | 0.870 | NA | 0.29 | 1.51 | 0.840 |
| 1306-0038 | chl\_ugl | 4 | 3.520 | NA | 1.26 | 6.10 | 3.360 |
| 1306-0038 | conductance | 43 | 527.870 | NA | 241.20 | 1142.00 | 487.000 |
| 1306-0038 | dissolved\_oxygen | 86 | 8.174 | 0 | 4.70 | 19.00 | 7.600 |
| 1306-0038 | pc\_rfu | 4 | -0.005 | NA | -0.07 | 0.08 | -0.015 |
| 1306-0038 | pc\_ugl | 4 | 0.027 | NA | -0.04 | 0.15 | 0.000 |
| 1306-0038 | pct\_saturation | 39 | 94.872 | NA | 58.00 | 251.00 | 87.000 |
| 1306-0038 | ph | 43 | 7.797 | NA | 7.22 | 9.09 | 7.710 |
| 1306-0038 | salinity | 35 | 0.252 | NA | 0.11 | 0.56 | 0.220 |
| 1306-0038 | temperature | 43 | 22.267 | NA | 14.50 | 30.60 | 23.000 |

Dependent Measurements (Metals and Ammonia): 1306-0038

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0038 | lead | 27 | 1.501 | 0 | 0.41 | 3.50 | 1.40 |
| 1306-0038 | nickel | 30 | 2.280 | 0 | 1.20 | 4.10 | 2.00 |
| 1306-0038 | nitrogen, ammonia (as n) | 19 | 0.041 | 0 | 0.01 | 0.12 | 0.04 |
| 1306-0038 | zinc | 28 | 11.600 | 0 | 3.60 | 26.00 | 9.95 |

Numeric Nutrient Criteria: 1306-0038

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** | **Type** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0038 | phosphorus | 50 | 0.2 | 15 | 0.09 | 0.45 | 0.185 | Aquatic Chronic |

BAP Score: 1306-0038

| **SH\_PWL\_ID** | **DATE** | **BAP** | **SD** | **n** |
| --- | --- | --- | --- | --- |
| 1306-0038 | 8/27/2018 | 5.14 | 0.68 | 12 |
| 1306-0038 | 8/3/2017 | 5.23 | 0.45 | 16 |
| 1306-0038 | 9/6/2018 | 3.53 | 0.20 | 4 |

### PWL ID: 1306-0068

Chemistry Measurements: 1306-0068

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0068 | alkalinity, total (as caco3) | 10 | 97.160 | NA | 66.40 | 131.00 | 95.700 |
| 1306-0068 | aluminum | 8 | 274.312 | NA | 27.20 | 685.00 | 223.000 |
| 1306-0068 | arsenic | 10 | 1.071 | 0 | 0.68 | 1.50 | 1.150 |
| 1306-0068 | cadmium | 1 | 0.560 | 0 | 0.56 | 0.56 | 0.560 |
| 1306-0068 | calcium | 10 | 40940.000 | NA | 26000.00 | 54500.00 | 39550.000 |
| 1306-0068 | chloride (as cl) | 10 | 65.460 | NA | 37.10 | 102.00 | 61.450 |
| 1306-0068 | chlorophyll a | 10 | 3.074 | NA | 0.50 | 9.57 | 2.085 |
| 1306-0068 | copper | 10 | 3.250 | 0 | 1.70 | 7.40 | 2.800 |
| 1306-0068 | hardness (as caco3) | 10 | 127.320 | NA | 81.20 | 170.00 | 122.500 |
| 1306-0068 | iron | 10 | 737.180 | 7 | 83.80 | 1590.00 | 522.500 |
| 1306-0068 | lead | 7 | 1.664 | 0 | 0.47 | 3.10 | 1.400 |
| 1306-0068 | magnesium | 9 | 5983.333 | 0 | 3990.00 | 8210.00 | 5360.000 |
| 1306-0068 | nickel | 10 | 1.308 | 0 | 0.81 | 1.90 | 1.245 |
| 1306-0068 | nitrate+nitrite as nitrogen | 10 | 0.333 | NA | 0.03 | 0.56 | 0.350 |
| 1306-0068 | nitrogen | 10 | 0.877 | NA | 0.44 | 1.18 | 0.945 |
| 1306-0068 | nitrogen, ammonia (as n) | 5 | 0.016 | NA | 0.01 | 0.02 | 0.020 |
| 1306-0068 | nitrogen, kjeldahl, total | 10 | 0.576 | NA | 0.22 | 0.80 | 0.615 |
| 1306-0068 | nitrogen, nitrate (as n) | 10 | 0.333 | NA | 0.03 | 0.56 | 0.350 |
| 1306-0068 | phosphorus | 10 | 0.095 | 0 | 0.05 | 0.14 | 0.100 |
| 1306-0068 | total dissolved solids (residue, filterable) | 5 | 231.600 | NA | 168.00 | 302.00 | 219.000 |
| 1306-0068 | turbidity | 7 | 10.369 | NA | 1.89 | 30.10 | 7.970 |
| 1306-0068 | zinc | 7 | 5.729 | NA | 2.90 | 9.80 | 4.800 |

In-Situ Measurements: 1306-0068

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0068 | chl\_rfu | 5 | 0.506 | NA | 0.18 | 0.64 | 0.580 |
| 1306-0068 | chl\_ugl | 5 | 2.006 | NA | 0.65 | 2.48 | 2.310 |
| 1306-0068 | conductance | 12 | 282.433 | NA | 32.60 | 545.00 | 320.500 |
| 1306-0068 | dissolved\_oxygen | 24 | 10.312 | 0 | 7.72 | 12.60 | 10.515 |
| 1306-0068 | pc\_rfu | 5 | 0.038 | NA | -0.04 | 0.08 | 0.050 |
| 1306-0068 | pc\_ugl | 5 | 0.046 | NA | 0.02 | 0.08 | 0.050 |
| 1306-0068 | pct\_saturation | 12 | 97.742 | NA | 86.60 | 111.00 | 95.200 |
| 1306-0068 | ph | 12 | 8.160 | NA | 7.69 | 8.90 | 8.140 |
| 1306-0068 | salinity | 12 | 0.136 | NA | 0.01 | 0.27 | 0.155 |
| 1306-0068 | temperature | 12 | 13.267 | NA | 2.70 | 24.00 | 15.750 |

Dependent Measurements (Metals and Ammonia): 1306-0068

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0068 | lead | 7 | 1.664 | 0 | 0.47 | 3.10 | 1.400 |
| 1306-0068 | nickel | 10 | 1.308 | 0 | 0.81 | 1.90 | 1.245 |
| 1306-0068 | nitrogen, ammonia (as n) | 5 | 0.016 | 0 | 0.01 | 0.02 | 0.020 |
| 1306-0068 | zinc | 7 | 5.729 | 0 | 2.90 | 9.80 | 4.800 |

Numeric Nutrient Criteria: 1306-0068

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** | **Type** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0068 | phosphorus | 10 | 0.095 | 5 | 0.05 | 0.14 | 0.1 | Aquatic Chronic |
| 1306-0068 | phosphorus | 10 | 0.095 | 10 | 0.05 | 0.14 | 0.1 | Health-Water Supply |

BAP Score: 1306-0068

| **SH\_PWL\_ID** | **DATE** | **BAP** | **SD** | **n** |
| --- | --- | --- | --- | --- |
| 1306-0068 | 8/27/2018 | 3.36 | 0.98 | 4 |
| 1306-0068 | 8/8/2019 | 6.85 | 0.35 | 4 |

### PWL ID: 1306-0062

Chemistry Measurements: 1306-0062

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0062 | alkalinity, total (as caco3) | 10 | 99.060 | NA | 66.40 | 135.00 | 96.800 |
| 1306-0062 | aluminum | 8 | 460.750 | NA | 152.00 | 1100.00 | 393.500 |
| 1306-0062 | arsenic | 10 | 1.413 | NA | 0.74 | 2.10 | 1.400 |
| 1306-0062 | cadmium | 1 | 0.580 | NA | 0.58 | 0.58 | 0.580 |
| 1306-0062 | calcium | 10 | 39130.000 | NA | 25400.00 | 56100.00 | 35850.000 |
| 1306-0062 | chloride (as cl) | 10 | 50.180 | NA | 29.90 | 90.40 | 44.450 |
| 1306-0062 | chlorophyll a | 10 | 5.655 | NA | 0.92 | 13.90 | 5.200 |
| 1306-0062 | copper | 10 | 2.310 | NA | 1.10 | 5.10 | 1.850 |
| 1306-0062 | hardness (as caco3) | 10 | 127.210 | NA | 82.40 | 185.00 | 116.500 |
| 1306-0062 | iron | 10 | 956.300 | NA | 346.00 | 2040.00 | 897.500 |
| 1306-0062 | lead | 8 | 1.200 | NA | 0.43 | 1.90 | 1.200 |
| 1306-0062 | magnesium | 9 | 7375.556 | NA | 4630.00 | 10800.00 | 7000.000 |
| 1306-0062 | nickel | 10 | 1.681 | NA | 0.91 | 3.00 | 1.550 |
| 1306-0062 | nitrate+nitrite as nitrogen | 9 | 0.240 | NA | 0.03 | 0.36 | 0.260 |
| 1306-0062 | nitrogen | 10 | 0.828 | NA | 0.28 | 1.21 | 0.915 |
| 1306-0062 | nitrogen, ammonia (as n) | 6 | 0.033 | NA | 0.01 | 0.06 | 0.030 |
| 1306-0062 | nitrogen, kjeldahl, total | 10 | 0.651 | NA | 0.35 | 0.91 | 0.665 |
| 1306-0062 | nitrogen, nitrate (as n) | 10 | 0.245 | NA | 0.03 | 0.35 | 0.270 |
| 1306-0062 | nitrogen, nitrite | 1 | 0.010 | NA | 0.01 | 0.01 | 0.010 |
| 1306-0062 | phosphorus | 10 | 0.097 | NA | 0.06 | 0.13 | 0.100 |
| 1306-0062 | total dissolved solids (residue, filterable) | 5 | 205.800 | NA | 164.00 | 281.00 | 190.000 |
| 1306-0062 | turbidity | 8 | 17.569 | NA | 3.41 | 32.50 | 16.800 |
| 1306-0062 | zinc | 6 | 5.167 | NA | 2.80 | 8.80 | 3.750 |

In-Situ Measurements: 1306-0062

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0062 | chl\_rfu | 4 | 1.072 | NA | 0.51 | 2.47 | 0.655 |
| 1306-0062 | chl\_ugl | 4 | 4.355 | NA | 1.94 | 9.75 | 2.865 |
| 1306-0062 | conductance | 12 | 566.092 | NA | 275.20 | 1450.00 | 464.000 |
| 1306-0062 | dissolved\_oxygen | 24 | 7.613 | 0 | 5.30 | 9.40 | 7.780 |
| 1306-0062 | pc\_rfu | 4 | 0.038 | NA | 0.00 | 0.08 | 0.035 |
| 1306-0062 | pc\_ugl | 4 | 0.052 | NA | 0.02 | 0.11 | 0.040 |
| 1306-0062 | pct\_saturation | 11 | 85.536 | NA | 64.00 | 111.00 | 90.000 |
| 1306-0062 | ph | 12 | 7.529 | NA | 6.57 | 8.32 | 7.580 |
| 1306-0062 | salinity | 11 | 0.282 | NA | 0.13 | 0.72 | 0.240 |
| 1306-0062 | temperature | 12 | 21.692 | NA | 11.80 | 29.40 | 21.850 |

Dependent Measurements (Metals and Ammonia): 1306-0062

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0062 | lead | 8 | 1.200 | 0 | 0.43 | 1.90 | 1.20 |
| 1306-0062 | nickel | 10 | 1.681 | 0 | 0.91 | 3.00 | 1.55 |
| 1306-0062 | nitrogen, ammonia (as n) | 6 | 0.033 | 0 | 0.01 | 0.06 | 0.03 |
| 1306-0062 | zinc | 6 | 5.167 | 0 | 2.80 | 8.80 | 3.75 |

Numeric Nutrient Criteria: 1306-0062

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** | **Type** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0062 | phosphorus | 10 | 0.097 | 0 | 0.06 | 0.13 | 0.1 | Aquatic Chronic |

BAP Score: 1306-0062

| **SH\_PWL\_ID** | **DATE** | **BAP** | **SD** | **n** |
| --- | --- | --- | --- | --- |
| 1306-0062 | 8/27/2018 | 6.35 | 1.08 | 4 |
| 1306-0062 | 8/9/2019 | 7.61 | 0.46 | 4 |

### PWL ID: 1306-0045

Chemistry Measurements: 1306-0045

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0045 | alkalinity, total (as caco3) | 25 | 95.720 | NA | 43.60 | 145.00 | 92.400 |
| 1306-0045 | aluminum | 23 | 428.043 | NA | 38.80 | 3310.00 | 128.000 |
| 1306-0045 | arsenic | 21 | 1.304 | NA | 0.56 | 2.60 | 1.100 |
| 1306-0045 | cadmium | 3 | 0.413 | NA | 0.07 | 0.61 | 0.560 |
| 1306-0045 | calcium | 15 | 35506.667 | NA | 15400.00 | 52800.00 | 38300.000 |
| 1306-0045 | chloride (as cl) | 25 | 58.680 | NA | 22.40 | 108.00 | 46.900 |
| 1306-0045 | chlorophyll a | 25 | 6.652 | NA | 0.49 | 67.90 | 2.210 |
| 1306-0045 | conductivity at 25 degrees celsius | 10 | 454.800 | NA | 303.00 | 721.00 | 427.500 |
| 1306-0045 | copper | 25 | 3.284 | NA | 1.30 | 9.60 | 2.800 |
| 1306-0045 | hardness (as caco3) | 25 | 129.444 | NA | 51.50 | 194.00 | 140.000 |
| 1306-0045 | iron | 25 | 688.688 | NA | 73.80 | 3630.00 | 313.000 |
| 1306-0045 | lead | 15 | 1.315 | NA | 0.29 | 5.00 | 0.710 |
| 1306-0045 | magnesium | 24 | 8835.000 | NA | 3150.00 | 15100.00 | 9265.000 |
| 1306-0045 | nickel | 25 | 1.913 | NA | 0.76 | 5.20 | 1.700 |
| 1306-0045 | nitrate+nitrite as nitrogen | 24 | 0.720 | NA | 0.11 | 2.50 | 0.550 |
| 1306-0045 | nitrogen | 15 | 1.607 | NA | 0.55 | 3.94 | 1.190 |
| 1306-0045 | nitrogen, ammonia (as n) | 18 | 0.024 | NA | 0.01 | 0.08 | 0.020 |
| 1306-0045 | nitrogen, kjeldahl, total | 15 | 0.770 | NA | 0.42 | 1.50 | 0.620 |
| 1306-0045 | nitrogen, nitrate (as n) | 25 | 0.750 | NA | 0.11 | 2.47 | 0.600 |
| 1306-0045 | nitrogen, nitrite | 5 | 0.014 | NA | 0.01 | 0.02 | 0.010 |
| 1306-0045 | ph | 20 | 8.132 | 1 | 7.76 | 8.52 | 8.175 |
| 1306-0045 | phosphorus | 25 | 0.130 | 0 | 0.04 | 0.32 | 0.130 |
| 1306-0045 | temperature of ph analysis | 10 | 21.650 | NA | 19.40 | 26.60 | 20.800 |
| 1306-0045 | total dissolved solids (residue, filterable) | 20 | 230.250 | NA | 111.00 | 367.00 | 202.000 |
| 1306-0045 | turbidity | 21 | 12.498 | NA | 1.15 | 100.00 | 5.760 |
| 1306-0045 | zinc | 15 | 8.760 | NA | 3.20 | 32.10 | 5.500 |

In-Situ Measurements: 1306-0045

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0045 | chl\_rfu | 4 | 0.375 | NA | 0.27 | 0.50 | 0.365 |
| 1306-0045 | chl\_ugl | 4 | 1.535 | NA | 1.10 | 2.00 | 1.520 |
| 1306-0045 | conductance | 27 | 436.137 | NA | 126.00 | 1047.00 | 409.300 |
| 1306-0045 | dissolved\_oxygen | 54 | 8.995 | 0 | 3.84 | 12.74 | 9.300 |
| 1306-0045 | pc\_rfu | 3 | -0.003 | NA | -0.09 | 0.08 | 0.000 |
| 1306-0045 | pc\_ugl | 4 | 0.085 | NA | -0.10 | 0.40 | 0.020 |
| 1306-0045 | pct\_saturation | 19 | 107.079 | NA | 46.00 | 155.00 | 108.000 |
| 1306-0045 | ph | 26 | 8.127 | NA | 6.97 | 8.70 | 8.205 |
| 1306-0045 | salinity | 19 | 0.220 | NA | 0.11 | 0.52 | 0.200 |
| 1306-0045 | temperature | 27 | 23.230 | NA | 14.70 | 30.20 | 23.700 |

Dependent Measurements (Metals and Ammonia): 1306-0045

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0045 | lead | 12 | 1.482 | 0 | 0.29 | 5.00 | 1.205 |
| 1306-0045 | nickel | 15 | 1.949 | 0 | 0.76 | 5.20 | 1.600 |
| 1306-0045 | nitrogen, ammonia (as n) | 8 | 0.031 | 0 | 0.01 | 0.08 | 0.025 |
| 1306-0045 | zinc | 9 | 11.567 | 0 | 3.20 | 32.10 | 8.900 |

Numeric Nutrient Criteria: 1306-0045

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** | **Type** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0045 | phosphorus | 25 | 0.13 | 0 | 0.04 | 0.32 | 0.13 | Aquatic Chronic |

BAP Score: 1306-0045

| **SH\_PWL\_ID** | **DATE** | **BAP** | **SD** | **n** |
| --- | --- | --- | --- | --- |
| 1306-0045 | 8/27/2018 | 6.75 | 1.20 | 8 |
| 1306-0045 | 8/3/2017 | 6.19 | 1.25 | 8 |

### PWL ID: 1306-0044

Chemistry Measurements: 1306-0044

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0044 | alkalinity, total (as caco3) | 10 | 92.780 | NA | 74.80 | 113.00 | 91.000 |
| 1306-0044 | aluminum | 8 | 138.550 | NA | 33.50 | 280.00 | 142.000 |
| 1306-0044 | arsenic | 10 | 1.270 | NA | 0.69 | 1.70 | 1.400 |
| 1306-0044 | cadmium | 1 | 0.550 | NA | 0.55 | 0.55 | 0.550 |
| 1306-0044 | calcium | 10 | 36700.000 | NA | 28600.00 | 42500.00 | 37650.000 |
| 1306-0044 | chloride (as cl) | 10 | 58.580 | NA | 47.20 | 79.60 | 54.800 |
| 1306-0044 | chlorophyll a | 10 | 4.471 | NA | 0.31 | 29.50 | 1.030 |
| 1306-0044 | copper | 10 | 1.462 | NA | 0.81 | 2.40 | 1.500 |
| 1306-0044 | hardness (as caco3) | 10 | 114.760 | NA | 89.60 | 135.00 | 117.500 |
| 1306-0044 | iron | 10 | 331.840 | NA | 74.50 | 746.00 | 297.500 |
| 1306-0044 | lead | 6 | 0.615 | NA | 0.31 | 1.20 | 0.540 |
| 1306-0044 | magnesium | 9 | 5607.778 | NA | 4440.00 | 6940.00 | 5800.000 |
| 1306-0044 | nickel | 10 | 0.918 | NA | 0.68 | 1.30 | 0.840 |
| 1306-0044 | nitrate+nitrite as nitrogen | 9 | 0.273 | NA | 0.00 | 0.45 | 0.270 |
| 1306-0044 | nitrogen | 10 | 0.677 | NA | 0.33 | 0.97 | 0.755 |
| 1306-0044 | nitrogen, ammonia (as n) | 5 | 0.014 | NA | 0.01 | 0.02 | 0.010 |
| 1306-0044 | nitrogen, kjeldahl, total | 10 | 0.425 | NA | 0.11 | 0.79 | 0.405 |
| 1306-0044 | nitrogen, nitrate (as n) | 9 | 0.317 | NA | 0.18 | 0.44 | 0.330 |
| 1306-0044 | nitrogen, nitrite | 2 | 0.010 | NA | 0.01 | 0.01 | 0.010 |
| 1306-0044 | phosphorus | 10 | 0.063 | NA | 0.04 | 0.11 | 0.060 |
| 1306-0044 | total dissolved solids (residue, filterable) | 5 | 223.800 | NA | 199.00 | 250.00 | 222.000 |
| 1306-0044 | turbidity | 8 | 5.200 | NA | 1.98 | 16.00 | 3.355 |
| 1306-0044 | zinc | 3 | 4.533 | NA | 3.00 | 6.40 | 4.200 |

In-Situ Measurements: 1306-0044

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0044 | chl\_rfu | 5 | 0.804 | NA | 0.11 | 2.46 | 0.57 |
| 1306-0044 | chl\_ugl | 5 | 3.200 | NA | 0.70 | 9.80 | 2.10 |
| 1306-0044 | conductance | 13 | 408.123 | NA | 37.70 | 752.90 | 390.30 |
| 1306-0044 | dissolved\_oxygen | 13 | 8.713 | NA | 4.10 | 11.88 | 8.90 |
| 1306-0044 | pc\_rfu | 5 | 0.152 | NA | -0.07 | 0.78 | 0.02 |
| 1306-0044 | pc\_ugl | 5 | 0.162 | NA | -0.03 | 0.78 | 0.02 |
| 1306-0044 | pct\_saturation | 12 | 94.475 | NA | 49.00 | 109.00 | 98.45 |
| 1306-0044 | ph | 13 | 7.970 | NA | 7.06 | 8.89 | 8.00 |
| 1306-0044 | salinity | 11 | 0.180 | NA | 0.02 | 0.25 | 0.19 |
| 1306-0044 | temperature | 13 | 19.069 | NA | 4.70 | 25.10 | 21.30 |

Dependent Measurements (Metals and Ammonia): 1306-0044

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0044 | lead | 6 | 0.615 | 0 | 0.31 | 1.20 | 0.54 |
| 1306-0044 | nickel | 10 | 0.918 | 0 | 0.68 | 1.30 | 0.84 |
| 1306-0044 | nitrogen, ammonia (as n) | 5 | 0.014 | 0 | 0.01 | 0.02 | 0.01 |
| 1306-0044 | zinc | 3 | 4.533 | 0 | 3.00 | 6.40 | 4.20 |

Numeric Nutrient Criteria: 1306-0044

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** | **Type** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |

BAP Score: 1306-0044

| **SH\_PWL\_ID** | **DATE** | **BAP** | **SD** | **n** |
| --- | --- | --- | --- | --- |
| 1306-0044 | 8/27/2018 | 6.95 | 0.66 | 4 |
| 1306-0044 | 8/8/2019 | 7.12 | 0.77 | 4 |

### PWL ID: 1306-0027

Chemistry Measurements: 1306-0027

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0027 | alkalinity, total (as caco3) | 19 | 109.547 | NA | 78.40 | 138.00 | 112.000 |
| 1306-0027 | aluminum | 17 | 320.988 | NA | 77.70 | 989.00 | 157.000 |
| 1306-0027 | arsenic | 18 | 1.526 | NA | 0.40 | 2.90 | 1.500 |
| 1306-0027 | calcium | 14 | 40364.286 | NA | 28600.00 | 49600.00 | 42050.000 |
| 1306-0027 | chloride (as cl) | 17 | 69.053 | NA | 38.20 | 99.70 | 72.600 |
| 1306-0027 | chlorophyll a | 19 | 22.331 | NA | 0.44 | 109.00 | 4.590 |
| 1306-0027 | conductivity at 25 degrees celsius | 5 | 514.600 | NA | 431.00 | 572.00 | 519.000 |
| 1306-0027 | copper | 19 | 3.121 | NA | 2.20 | 4.80 | 2.800 |
| 1306-0027 | hardness (as caco3) | 19 | 147.947 | NA | 102.00 | 183.00 | 153.000 |
| 1306-0027 | iron | 18 | 566.278 | NA | 138.00 | 1700.00 | 293.000 |
| 1306-0027 | lead | 12 | 1.167 | NA | 0.45 | 2.90 | 0.685 |
| 1306-0027 | magnesium | 18 | 10702.222 | NA | 7280.00 | 14800.00 | 10450.000 |
| 1306-0027 | nickel | 19 | 1.926 | NA | 1.30 | 2.90 | 1.900 |
| 1306-0027 | nitrate+nitrite as nitrogen | 19 | 0.783 | NA | 0.02 | 1.75 | 0.760 |
| 1306-0027 | nitrogen | 14 | 1.638 | NA | 0.80 | 2.98 | 1.455 |
| 1306-0027 | nitrogen, ammonia (as n) | 15 | 0.080 | NA | 0.01 | 0.29 | 0.050 |
| 1306-0027 | nitrogen, kjeldahl, total | 14 | 0.847 | NA | 0.55 | 1.31 | 0.770 |
| 1306-0027 | nitrogen, nitrate (as n) | 19 | 0.775 | NA | 0.02 | 1.74 | 0.740 |
| 1306-0027 | nitrogen, nitrite | 10 | 0.016 | NA | 0.01 | 0.02 | 0.020 |
| 1306-0027 | ph | 10 | 8.136 | 1 | 7.63 | 8.79 | 8.050 |
| 1306-0027 | phosphorus | 19 | 0.156 | 0 | 0.11 | 0.24 | 0.140 |
| 1306-0027 | silver | 2 | 0.070 | NA | 0.06 | 0.08 | 0.070 |
| 1306-0027 | temperature of ph analysis | 5 | 21.780 | NA | 19.50 | 26.80 | 20.700 |
| 1306-0027 | total dissolved solids (residue, filterable) | 14 | 262.214 | NA | 183.00 | 320.00 | 269.500 |
| 1306-0027 | turbidity | 16 | 10.886 | NA | 2.79 | 31.00 | 8.175 |
| 1306-0027 | zinc | 14 | 7.700 | NA | 2.80 | 15.60 | 5.450 |

In-Situ Measurements: 1306-0027

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0027 | chl\_rfu | 4 | 0.840 | NA | 0.20 | 1.44 | 0.860 |
| 1306-0027 | chl\_ugl | 4 | 3.585 | NA | 0.90 | 5.94 | 3.750 |
| 1306-0027 | conductance | 16 | 497.893 | NA | 308.00 | 700.00 | 496.950 |
| 1306-0027 | dissolved\_oxygen | 32 | 9.321 | 0 | 6.51 | 15.50 | 8.205 |
| 1306-0027 | pc\_rfu | 4 | 0.065 | NA | 0.00 | 0.14 | 0.060 |
| 1306-0027 | pc\_ugl | 4 | 0.085 | NA | 0.00 | 0.18 | 0.080 |
| 1306-0027 | pct\_saturation | 16 | 110.544 | NA | 73.50 | 197.00 | 89.500 |
| 1306-0027 | ph | 15 | 7.995 | NA | 6.99 | 9.05 | 8.030 |
| 1306-0027 | salinity | 13 | 0.235 | NA | 0.15 | 0.34 | 0.240 |
| 1306-0027 | temperature | 16 | 23.312 | NA | 15.00 | 32.30 | 24.200 |

Dependent Measurements (Metals and Ammonia): 1306-0027

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0027 | lead | 10 | 1.288 | 0 | 0.45 | 2.90 | 1.180 |
| 1306-0027 | nickel | 14 | 1.864 | 0 | 1.30 | 2.90 | 1.700 |
| 1306-0027 | nitrogen, ammonia (as n) | 10 | 0.082 | 0 | 0.01 | 0.29 | 0.045 |
| 1306-0027 | zinc | 12 | 8.333 | 0 | 2.80 | 15.60 | 6.200 |

Numeric Nutrient Criteria: 1306-0027

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** | **Type** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0027 | phosphorus | 19 | 0.156 | 5 | 0.11 | 0.24 | 0.14 | Aquatic Chronic |

BAP Score: 1306-0027

| **SH\_PWL\_ID** | **DATE** | **BAP** | **SD** | **n** |
| --- | --- | --- | --- | --- |
| 1306-0027 | 8/16/2018 | 4.42 | 1.53 | 8 |
| 1306-0027 | 8/24/2017 | 5.19 | 0.72 | 2 |

### PWL ID: 1306-0042

Chemistry Measurements: 1306-0042

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0042 | alkalinity, total (as caco3) | 10 | 81.800 | NA | 54.40 | 106.00 | 85.200 |
| 1306-0042 | aluminum | 10 | 1663.100 | NA | 410.00 | 6090.00 | 1032.000 |
| 1306-0042 | arsenic | 9 | 1.316 | NA | 0.53 | 3.30 | 1.200 |
| 1306-0042 | cadmium | 2 | 0.100 | NA | 0.10 | 0.10 | 0.100 |
| 1306-0042 | calcium | 5 | 25760.000 | NA | 16900.00 | 35500.00 | 21400.000 |
| 1306-0042 | chloride (as cl) | 9 | 18.556 | NA | 11.20 | 26.00 | 19.400 |
| 1306-0042 | chlorophyll a | 10 | 6.100 | NA | 0.57 | 31.10 | 2.925 |
| 1306-0042 | conductivity at 25 degrees celsius | 5 | 271.800 | NA | 252.00 | 300.00 | 270.000 |
| 1306-0042 | copper | 10 | 3.450 | NA | 1.60 | 9.10 | 2.900 |
| 1306-0042 | hardness (as caco3) | 10 | 106.200 | NA | 60.10 | 130.00 | 119.000 |
| 1306-0042 | iron | 9 | 3184.667 | NA | 682.00 | 11600.00 | 1770.000 |
| 1306-0042 | lead | 10 | 2.695 | NA | 0.51 | 10.90 | 1.750 |
| 1306-0042 | magnesium | 10 | 6727.000 | NA | 4330.00 | 10200.00 | 6560.000 |
| 1306-0042 | nickel | 10 | 3.860 | NA | 1.10 | 11.50 | 3.150 |
| 1306-0042 | nitrate+nitrite as nitrogen | 10 | 0.046 | NA | 0.00 | 0.07 | 0.045 |
| 1306-0042 | nitrogen | 5 | 0.706 | NA | 0.39 | 1.03 | 0.720 |
| 1306-0042 | nitrogen, ammonia (as n) | 7 | 0.031 | NA | 0.01 | 0.06 | 0.020 |
| 1306-0042 | nitrogen, kjeldahl, total | 4 | 0.738 | NA | 0.39 | 1.00 | 0.780 |
| 1306-0042 | nitrogen, nitrate (as n) | 8 | 0.051 | NA | 0.03 | 0.07 | 0.055 |
| 1306-0042 | nitrogen, nitrite | 1 | 0.010 | NA | 0.01 | 0.01 | 0.010 |
| 1306-0042 | ph | 10 | 7.684 | 0 | 7.54 | 7.96 | 7.660 |
| 1306-0042 | phosphorus | 10 | 0.087 | NA | 0.04 | 0.22 | 0.080 |
| 1306-0042 | temperature of ph analysis | 5 | 21.700 | NA | 19.50 | 26.50 | 20.800 |
| 1306-0042 | total dissolved solids (residue, filterable) | 10 | 146.500 | NA | 107.00 | 175.00 | 143.500 |
| 1306-0042 | turbidity | 9 | 42.826 | NA | 6.83 | 102.00 | 36.300 |
| 1306-0042 | zinc | 9 | 11.522 | NA | 3.80 | 34.70 | 8.300 |

In-Situ Measurements: 1306-0042

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0042 | conductance | 7 | 407.500 | NA | 157.00 | 1315.00 | 298.50 |
| 1306-0042 | dissolved\_oxygen | 14 | 6.296 | 0 | 4.50 | 8.57 | 6.70 |
| 1306-0042 | pct\_saturation | 7 | 72.543 | NA | 51.00 | 86.00 | 81.00 |
| 1306-0042 | ph | 7 | 7.463 | NA | 7.08 | 7.88 | 7.45 |
| 1306-0042 | salinity | 7 | 0.196 | NA | 0.07 | 0.65 | 0.14 |
| 1306-0042 | temperature | 7 | 22.443 | NA | 15.60 | 26.50 | 22.90 |

Dependent Measurements (Metals and Ammonia): 1306-0042

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0042 | lead | 5 | 3.256 | 0 | 0.51 | 10.90 | 1.400 |
| 1306-0042 | nickel | 5 | 4.020 | 0 | 1.10 | 11.50 | 2.200 |
| 1306-0042 | nitrogen, ammonia (as n) | 2 | 0.015 | 0 | 0.01 | 0.02 | 0.015 |
| 1306-0042 | zinc | 5 | 12.940 | 0 | 3.80 | 34.70 | 8.300 |

Numeric Nutrient Criteria: 1306-0042

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** | **Type** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0042 | phosphorus | 10 | 0.087 | 0 | 0.04 | 0.22 | 0.08 | Aquatic Chronic |

BAP Score: 1306-0042

| **SH\_PWL\_ID** | **DATE** | **BAP** | **SD** | **n** |
| --- | --- | --- | --- | --- |
| 1306-0042 | 8/2/2017 | 5.73 | NA | 1 |
| 1306-0042 | 8/3/2017 | 6.18 | 0.49 | 3 |

### PWL ID: 1306-0039

Chemistry Measurements: 1306-0039

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0039 | alkalinity, total (as caco3) | 10 | 75.920 | NA | 45.20 | 89.60 | 77.400 |
| 1306-0039 | aluminum | 8 | 24.287 | NA | 5.80 | 43.10 | 23.500 |
| 1306-0039 | arsenic | 10 | 0.694 | NA | 0.46 | 1.20 | 0.615 |
| 1306-0039 | calcium | 10 | 29290.000 | NA | 17900.00 | 34300.00 | 28850.000 |
| 1306-0039 | chloride (as cl) | 9 | 24.467 | NA | 15.10 | 30.40 | 24.800 |
| 1306-0039 | chlorophyll a | 10 | 0.887 | NA | 0.14 | 2.59 | 0.610 |
| 1306-0039 | copper | 3 | 0.727 | NA | 0.69 | 0.76 | 0.730 |
| 1306-0039 | hardness (as caco3) | 10 | 87.170 | NA | 52.90 | 102.00 | 85.500 |
| 1306-0039 | iron | 9 | 233.922 | NA | 29.60 | 720.00 | 192.000 |
| 1306-0039 | lead | 5 | 0.282 | NA | 0.14 | 0.52 | 0.170 |
| 1306-0039 | magnesium | 9 | 3403.333 | NA | 2010.00 | 3930.00 | 3410.000 |
| 1306-0039 | nickel | 10 | 0.584 | NA | 0.37 | 0.85 | 0.535 |
| 1306-0039 | nitrate+nitrite as nitrogen | 10 | 0.076 | NA | 0.00 | 0.16 | 0.085 |
| 1306-0039 | nitrogen | 9 | 0.644 | NA | 0.31 | 1.07 | 0.640 |
| 1306-0039 | nitrogen, ammonia (as n) | 1 | 0.010 | NA | 0.01 | 0.01 | 0.010 |
| 1306-0039 | nitrogen, kjeldahl, total | 10 | 0.554 | NA | 0.21 | 1.04 | 0.550 |
| 1306-0039 | nitrogen, nitrate (as n) | 7 | 0.101 | NA | 0.03 | 0.16 | 0.100 |
| 1306-0039 | phosphorus | 10 | 0.044 | 0 | 0.02 | 0.07 | 0.040 |
| 1306-0039 | total dissolved solids (residue, filterable) | 5 | 159.600 | NA | 96.00 | 195.00 | 168.000 |
| 1306-0039 | turbidity | 5 | 3.076 | NA | 1.44 | 5.17 | 2.120 |
| 1306-0039 | zinc | 1 | 2.800 | NA | 2.80 | 2.80 | 2.800 |

In-Situ Measurements: 1306-0039

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0039 | chl\_rfu | 5 | 1.066 | NA | 0.50 | 2.47 | 0.700 |
| 1306-0039 | chl\_ugl | 5 | 3.792 | NA | 0.46 | 9.60 | 2.800 |
| 1306-0039 | conductance | 12 | 228.917 | NA | 89.60 | 479.90 | 231.350 |
| 1306-0039 | dissolved\_oxygen | 24 | 9.196 | 0 | 5.44 | 12.67 | 8.245 |
| 1306-0039 | pc\_rfu | 5 | 0.008 | NA | -0.20 | 0.20 | 0.010 |
| 1306-0039 | pc\_ugl | 5 | 0.070 | NA | -0.06 | 0.30 | 0.010 |
| 1306-0039 | pct\_saturation | 12 | 91.275 | NA | 64.20 | 98.50 | 93.550 |
| 1306-0039 | ph | 12 | 7.727 | NA | 7.42 | 8.00 | 7.790 |
| 1306-0039 | salinity | 12 | 0.110 | NA | 0.04 | 0.23 | 0.110 |
| 1306-0039 | temperature | 12 | 15.975 | NA | 2.50 | 24.00 | 21.100 |

Dependent Measurements (Metals and Ammonia): 1306-0039

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0039 | lead | 5 | 0.282 | 0 | 0.14 | 0.52 | 0.170 |
| 1306-0039 | nickel | 10 | 0.584 | 0 | 0.37 | 0.85 | 0.535 |
| 1306-0039 | nitrogen, ammonia (as n) | 1 | 0.010 | 0 | 0.01 | 0.01 | 0.010 |
| 1306-0039 | zinc | 1 | 2.800 | 0 | 2.80 | 2.80 | 2.800 |

Numeric Nutrient Criteria: 1306-0039

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** | **Type** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0039 | phosphorus | 10 | 0.044 | 0 | 0.02 | 0.07 | 0.04 | Aquatic Chronic |

BAP Score: 1306-0039

| **SH\_PWL\_ID** | **DATE** | **BAP** | **SD** | **n** |
| --- | --- | --- | --- | --- |
| 1306-0039 | 8/27/2018 | 6.58 | 0.12 | 4 |
| 1306-0039 | 8/8/2019 | 6.72 | 0.72 | 4 |

### PWL ID: 1306-0037

Chemistry Measurements: 1306-0037

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0037 | alkalinity, total (as caco3) | 5 | 97.760 | NA | 68.40 | 120.00 | 109.000 |
| 1306-0037 | aluminum | 5 | 144.360 | NA | 39.80 | 317.00 | 72.400 |
| 1306-0037 | arsenic | 5 | 1.696 | NA | 0.98 | 2.10 | 1.800 |
| 1306-0037 | calcium | 5 | 36600.000 | NA | 26100.00 | 41700.00 | 38600.000 |
| 1306-0037 | chloride (as cl) | 4 | 61.225 | NA | 32.50 | 83.60 | 64.400 |
| 1306-0037 | chlorophyll a | 5 | 19.368 | NA | 2.11 | 31.90 | 28.500 |
| 1306-0037 | copper | 5 | 2.980 | NA | 2.40 | 3.70 | 3.100 |
| 1306-0037 | hardness (as caco3) | 5 | 129.360 | NA | 88.80 | 150.00 | 141.000 |
| 1306-0037 | iron | 4 | 378.500 | NA | 105.00 | 784.00 | 312.500 |
| 1306-0037 | lead | 5 | 0.544 | NA | 0.31 | 1.20 | 0.390 |
| 1306-0037 | magnesium | 5 | 9216.000 | NA | 5720.00 | 11100.00 | 10700.000 |
| 1306-0037 | nickel | 5 | 1.480 | NA | 1.30 | 2.00 | 1.300 |
| 1306-0037 | nitrate+nitrite as nitrogen | 5 | 0.656 | NA | 0.05 | 1.74 | 0.460 |
| 1306-0037 | nitrogen | 5 | 1.582 | NA | 0.98 | 2.92 | 1.250 |
| 1306-0037 | nitrogen, ammonia (as n) | 4 | 0.048 | NA | 0.01 | 0.11 | 0.035 |
| 1306-0037 | nitrogen, kjeldahl, total | 5 | 0.928 | NA | 0.70 | 1.18 | 0.840 |
| 1306-0037 | nitrogen, nitrate (as n) | 5 | 0.644 | NA | 0.05 | 1.72 | 0.440 |
| 1306-0037 | nitrogen, nitrite | 3 | 0.017 | NA | 0.01 | 0.02 | 0.020 |
| 1306-0037 | phosphorus | 5 | 0.128 | 0 | 0.10 | 0.21 | 0.110 |
| 1306-0037 | silver | 1 | 0.070 | NA | 0.07 | 0.07 | 0.070 |
| 1306-0037 | total dissolved solids (residue, filterable) | 5 | 244.800 | NA | 166.00 | 282.00 | 248.000 |
| 1306-0037 | turbidity | 5 | 6.204 | NA | 2.80 | 15.20 | 4.410 |
| 1306-0037 | zinc | 4 | 9.000 | NA | 2.60 | 18.50 | 7.450 |

In-Situ Measurements: 1306-0037

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0037 | conductance | 5 | 478.978 | NA | 277.89 | 670.00 | 479.00 |
| 1306-0037 | dissolved\_oxygen | 10 | 6.620 | 0 | 4.90 | 9.67 | 6.20 |
| 1306-0037 | pct\_saturation | 5 | 79.220 | NA | 62.80 | 121.00 | 69.30 |
| 1306-0037 | ph | 5 | 8.156 | NA | 7.70 | 8.50 | 8.26 |
| 1306-0037 | salinity | 5 | 0.230 | NA | 0.13 | 0.32 | 0.23 |
| 1306-0037 | temperature | 5 | 24.320 | NA | 16.40 | 27.30 | 25.60 |

Dependent Measurements (Metals and Ammonia): 1306-0037

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0037 | lead | 5 | 0.544 | 0 | 0.31 | 1.20 | 0.390 |
| 1306-0037 | nickel | 5 | 1.480 | 0 | 1.30 | 2.00 | 1.300 |
| 1306-0037 | nitrogen, ammonia (as n) | 4 | 0.048 | 0 | 0.01 | 0.11 | 0.035 |
| 1306-0037 | zinc | 4 | 9.000 | 0 | 2.60 | 18.50 | 7.450 |

Numeric Nutrient Criteria: 1306-0037

| **SH\_PWL\_ID** | **chemical\_name** | **record\_count** | **mean** | **num\_exceed** | **min** | **max** | **median** | **Type** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1306-0037 | phosphorus | 5 | 0.128 | 0 | 0.1 | 0.21 | 0.11 | Aquatic Chronic |

BAP Score: 1306-0037

| **SH\_PWL\_ID** | **DATE** | **BAP** | **SD** | **n** |
| --- | --- | --- | --- | --- |