



WATER QUALITY REPORT CITY OF GREENSBORO, NC

May 2019

| PARAMETER | UNITS | TOWNSEND RAW | TOWNSEND FINISHED | MITCHELL RAW | MITCHELL FINISHED |
|-----------------------------------|----------|-----------------|----------------------|-----------------|----------------------|
| Monthly Inorganic Averages | | | | | |
| Alkalinity, Total | mg/L | 26 | 25 | 30 | 32 |
| Aluminum | mg/L | 0.02 | <0.01 | 0.07 | <0.01 |
| Calcium | mg/L | 4.6 | 11.2 | 5.4 | 9.0 |
| Carbon Dioxide | mg/L | 5 | 3 | 8 | 4 |
| Chloride | mg/L | 7 | 11 | 9 | 13 |
| Chlorine, Total | mg/L | - | 2.96 | - | 3.01 |
| Color | CU | 9 | <1 | 10 | 2 |
| Copper | mg/L | <0.05 | <0.05 | <0.05 | <0.05 |
| Fluoride | mg/L | 0.08 | 0.40 | 0.10 | 0.11 |
| Hardness, (EDTA) | mg/L | 25 | 52 | 33 | 45 |
| Iron | mg/L | 0.03 | <0.01 | 0.17 | <0.01 |
| Lead | mg/L | <0.003 | <0.003 | <0.003 | <0.003 |
| Magnesium | mg/L | 2.0 | 2.2 | 2.6 | 2.5 |
| Manganese | mg/L | 0.02 | <0.01 | 0.12 | <0.01 |
| Nitrate | mg/L | 0.12 | 0.12 | 0.12 | 0.28 |
| PFOA | ng/L | 2.9 | 2.8 | 4.2 | 4.2 |
| PFOS | ng/L | 16 | 17 | 30 | 29 |
| pH | pH units | 7.4 | 8.1 | 7.1 | 8.1 |
| Phosphorus, Total | mg/L | 0.05 | 1.40 | 0.05 | 1.16 |
| Potassium | mg/L | 1.6 | 1.9 | 2.1 | 2.1 |
| Sodium | mg/L | 4.6 | 13.3 | 5.0 | 17.0 |
| Specific Conductance | µmho/cm | 83 | 189 | 119 | 210 |
| Sulfate | mg/L | 7.0 | 46 | 7.0 | 40 |
| Total Dissolved Solids | mg/L | 57 | 114 | 64 | 117 |
| Turbidity | NTU | 1.9 | 0.08 | 5.5 | 0.06 |
| Zinc | mg/L | <0.01 | <0.01 | <0.01 | <0.01 |

< number - below the detection limit of the analytical instrument

Annual Compliance Results for Inorganics

4/8/2019

| PARAMETER | UNITS | TOWNSEND FINISHED | MITCHELL FINISHED | ALLOWABLE LIMIT |
|----------------|-------|----------------------|----------------------|--------------------|
| Antimony | mg/L | <0.003 | <0.003 | 0.006 |
| Arsenic | mg/L | <0.005 | <0.005 | 0.010 |
| Barium | mg/L | <0.400 | <0.400 | 2.000 |
| Beryllium | mg/L | <0.002 | <0.002 | 0.004 |
| Cadmium | mg/L | <0.001 | <0.001 | 0.005 |
| Chromium | mg/L | <0.020 | <0.020 | 0.100 |
| Cyanide, Total | mg/L | <0.050 | <0.050 | 0.200 |
| Iron | mg/L | <0.060 | <0.060 | 0.300 |
| Manganese | mg/L | <0.010 | <0.010 | 0.050 |
| Mercury | mg/L | <0.0004 | <0.0004 | 0.002 |
| Nickel | mg/L | <0.100 | <0.100 | N/A |
| Selenium | mg/L | <0.010 | <0.010 | 0.050 |
| Thallium | mg/L | <0.001 | <0.001 | 0.002 |