



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

**June 2018**

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	28	27	32	37
Aluminum	mg/L	0.02	<0.01	0.04	<0.01
Calcium	mg/L	4.4	13.8	5.4	10.8
Carbon Dioxide	mg/L	5	4	9	6
Chloride	mg/L	11	14	12	15
Chlorine, Total	mg/L	-	2.95	-	3.00
Color	CU	6	2	9	2
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.11	0.43	0.11	0.11
Hardness, (EDTA)	mg/L	30	56	35	52
Iron	mg/L	0.05	<0.01	0.19	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.5	2.9	2.6	2.7
Manganese	mg/L	0.04	<0.01	0.56	<0.01
Nitrate	mg/L	<1	<1	<1	<1
PFOA	ng/L	4.9	4.9	7.4	7.3
PFOS	ng/L	28	26	60	53
pH	pH units	7.6	8.1	6.9	8.1
Phosphorus, Total	mg/L	0.05	0.96	0.06	1.03
Potassium	mg/L	2.4	2.8	2.4	2.4
Sodium	mg/L	8.0	21.2	8.4	22.0
Specific Conductance	µmho	116	240	126	240
Sulfate	mg/L	1.0	44	0.7	39
Total Dissolved Solids	mg/L	56	124	78	138
Turbidity	NTU	1.4	0.05	6.6	0.05
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

5/14/2018

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