



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

## April 2019

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	22	22	26	29
Aluminum	mg/L	0.04	<0.01	0.20	<0.01
Calcium	mg/L	3.6	11.4	4.8	9.0
Carbon Dioxide	mg/L	5	3	8	5
Chloride	mg/L	7	11	7	12
Chlorine, Total	mg/L	-	2.96	-	3.01
Color	CU	13	1	23	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.08	0.15	0.09	0.09
Hardness, (EDTA)	mg/L	24	49	29	44
Iron	mg/L	0.11	<0.01	0.42	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	1.7	2.0	2.2	2.3
Manganese	mg/L	0.02	<0.01	0.11	<0.01
Nitrate	mg/L	0.20	0.22	0.37	0.43
PFOA	ng/L	2.4	2.5	3.5	3.5
PFOS	ng/L	13	14	25	24
pH	pH units	7.3	8.1	7.1	8.1
Phosphorus, Total	mg/L	0.04	1.32	0.03	1.47
Potassium	mg/L	1.9	2.0	2.0	2.0
Sodium	mg/L	4.1	14.5	4.6	18.2
Specific Conductance	µmho/cm	76	184	90	182
Sulfate	mg/L	6.0	46	7.0	48
Total Dissolved Solids	mg/L	56	101	75	136
Turbidity	NTU	3.3	0.06	11.5	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