



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

## January 2019

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	21	22	22	25
Aluminum	mg/L	0.22	<0.01	0.68	<0.01
Calcium	mg/L	5.0	13.4	5.3	17.2
Carbon Dioxide	mg/L	5	4	8	6
Chloride	mg/L	10	14	9	13
Chlorine, Total	mg/L	-	2.99	-	3.01
Color	CU	36	1	45	<1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.09	0.64	0.08	0.09
Hardness, (EDTA)	mg/L	26	50	27	64
Iron	mg/L	0.58	<0.01	1.01	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.6	1.9	2.1	2.2
Manganese	mg/L	0.09	<0.01	0.16	<0.01
Nitrate	mg/L	0.42	0.50	0.54	0.60
PFOA	ng/L	2.6	2.7	3.2	2.9
PFOS	ng/L	13	13	20	15
pH	pH units	7.1	8.1	7.0	8.1
Phosphorus, Total	mg/L	0.02	1.30	0.03	0.91
Potassium	mg/L	2.5	2.6	2.3	2.2
Sodium	mg/L	5.6	16.4	6.4	19.5
Specific Conductance	µmho/cm	79	190	89	217
Sulfate	mg/L	5.0	25	6.0	67
Total Dissolved Solids	mg/L	84	146	88	161
Turbidity	NTU	9.7	0.06	27.7	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

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