



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

<b>January 2016</b>					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	28	29	25	29
Aluminum	mg/L	0.20	0.08	0.52	0.05
Calcium	mg/L	4.3	13.3	4.6	6.6
Carbon Dioxide	mg/L	6	4	9	7
Chloride	mg/L	7	13	6	11
Chlorine, Total	mg/L	-	3.19	-	3.22
Color	CU	17	<1	48	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.13	0.64	0.11	0.11
Hardness, Total	mg/L	31	62	27	34
Iron	mg/L	0.34	0.01	0.98	<0.06
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	1.9	2.0	2.0	1.9
Manganese	mg/L	0.09	<0.01	0.13	<0.01
Nitrate	mg/L	0.20	0.22	0.27	0.42
pH	pH units	7.2	8.1	6.9	8.2
Phosphorus, Total	mg/L	0.03	0.88	0.04	0.92
Potassium	mg/L	2.2	2.2	2.3	2.3
Sodium	mg/L	4.8	9.3	3.9	22.8
Specific Conductance	µmho	80	190	86	211
Sulfate	mg/L	0.8	33.2	0.7	38.7
Total Dissolved Solids	mg/L	60	120	70	128
Turbidity	NTU	8.3	0.05	16.1	0.09
Zinc	mg/L	<0.01	<0.01	<0.01	<0.01

< number - below the detection limit of the analytical instrument

<b>Annual Compliance Results for Inorganics</b>				
5/11/2015				
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