



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

<b>November 2015</b>					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	33	34	29	35
Aluminum	mg/L	0.15	0.05	0.21	0.02
Calcium	mg/L	5.3	13.1	4.9	8.5
Carbon Dioxide	mg/L	6	4	10	6
Chloride	mg/L	11	17	9	14
Chlorine, Total	mg/L	-	3.18	-	3.19
Color	CU	8	1	20	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.13	0.65	0.11	0.11
Hardness, Total	mg/L	35	66	26	36
Iron	mg/L	0.38	0.01	0.41	0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.4	2.4	2.2	2.3
Manganese	mg/L	0.29	<0.01	0.15	<0.01
Nitrate	mg/L	0.10	0.13	0.14	0.42
pH	pH units	7.2	8.2	6.9	8.1
Phosphorus, Total	mg/L	0.03	0.76	0.04	0.70
Potassium	mg/L	2.5	2.3	2.7	2.8
Sodium	mg/L	6.6	13.6	5.3	22.5
Specific Conductance	µmho	114	230	89	182
Sulfate	mg/L	0.6	39.8	1.6	36.2
Total Dissolved Solids	mg/L	58	104	60	111
Turbidity	NTU	5.7	0.05	6.4	0.07
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