



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

**April 2016**

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	26	28	16	17
Aluminum	mg/L	0.13	0.03	0.11	0.02
Calcium	mg/L	4.6	16.5	5.8	12.0
Carbon Dioxide	mg/L	5	3	5	3
Chloride	mg/L	11	17	15	19
Chlorine, Total	mg/L	-	3.21	-	2.88
Color	CU	9	1	8	<1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.20	0.61	0.10	0.11
Hardness, Total	mg/L	28	59	17	21
Iron	mg/L	0.28	0.02	0.18	0.02
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.0	2.3	2.7	3.2
Manganese	mg/L	0.06	<0.01	0.08	<0.01
Nitrate	mg/L	0.13	0.20	0.12	0.34
pH	pH units	7.2	8.1	3.7	4.3
Phosphorus, Total	mg/L	0.02	0.84	0.03	0.86
Potassium	mg/L	2.3	2.3	2.3	2.8
Sodium	mg/L	7.2	12.3	9.2	31.2
Specific Conductance	µmho	93	199	61	120
Sulfate	mg/L	2.2	38.0	3.0	43.5
Total Dissolved Solids	mg/L	60	129	73	142
Turbidity	NTU	5.7	0.04	3.1	0.09
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

5/11/2015

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

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