



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

**May 2016**

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	29	31	32	37
Aluminum	mg/L	0.07	0.05	0.13	0.01
Calcium	mg/L	4.9	14.6	6.4	9.9
Carbon Dioxide	mg/L	6	4	9	6
Chloride	mg/L	10	16	11	16
Chlorine, Total	mg/L	-	3.16	-	3.18
Color	CU	9	1	14	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.10	0.62	0.11	0.11
Hardness, Total	mg/L	29	61	31	41
Iron	mg/L	0.10	0.04	0.26	<0.06
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.3	2.4	2.8	2.8
Manganese	mg/L	0.08	<0.01	0.17	<0.01
Nitrate	mg/L	0.11	0.18	0.10	0.35
pH	pH units	7.1	8.1	6.9	8.2
Phosphorus, Total	mg/L	0.03	1.12	0.05	0.96
Potassium	mg/L	2.2	2.2	2.4	2.4
Sodium	mg/L	7.3	13.2	8.4	29.0
Specific Conductance	µmho	98	206	109	234
Sulfate	mg/L	1.8	31.4	0.5	46.4
Total Dissolved Solids	mg/L	73	132	70	140
Turbidity	NTU	3.7	0.05	8.5	0.08
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

5/10/2016

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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