



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

**May 2015**

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	31	32	37	42
Aluminum	mg/L	0.06	0.02	0.06	0.01
Calcium	mg/L	4.9	10.2	6.8	11.0
Carbon Dioxide	mg/L	6	4	9	6
Chloride	mg/L	12	17	19	21
Chlorine, Total	mg/L	-	3.11	-	3.20
Color	CU	8	<1	10	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.14	0.62	0.12	0.12
Hardness, Total	mg/L	29	46	40	50
Iron	mg/L	0.08	0.02	0.10	0.02
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.3	2.4	3.0	3.0
Manganese	mg/L	0.04	<0.01	0.16	<0.01
Nitrate	mg/L	0.13	0.19	0.08	0.28
pH	pH units	7.2	8.2	7.0	8.3
Phosphorus, Total	mg/L	0.04	0.50	0.04	0.47
Potassium	mg/L	2.0	2.2	2.3	2.4
Sodium	mg/L	7.8	14.7	10.6	24.4
Specific Conductance	µmho	106	190	140	244
Sulfate	mg/L	3.0	25.5	3.5	40.5
Total Dissolved Solids	mg/L	60	108	74	130
Turbidity	NTU	2.5	0.07	5.4	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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