



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

## October 2015

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	36	35	31	38
Aluminum	mg/L	0.04	0.05	0.06	0.01
Calcium	mg/L	6.6	13.4	6.3	10.4
Carbon Dioxide	mg/L	6	4	10	6
Chloride	mg/L	13	19	10	17
Chlorine, Total	mg/L	-	3.17	-	3.17
Color	CU	8	1	22	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.16	0.71	0.14	0.14
Hardness, Total	mg/L	34	59	29	39
Iron	mg/L	0.10	0.02	0.33	0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.6	2.6	2.3	2.2
Manganese	mg/L	0.17	<0.01	0.11	<0.01
Nitrate	mg/L	0.11	0.16	0.14	0.53
pH	pH units	7.4	8.2	6.9	8.1
Phosphorus, Total	mg/L	0.10	0.56	0.10	0.47
Potassium	mg/L	2.4	2.5	2.9	2.6
Sodium	mg/L	7.7	15.6	6.1	22.8
Specific Conductance	µmho	118	222	103	225
Sulfate	mg/L	0.5	39.0	1.0	42.2
Total Dissolved Solids	mg/L	70	125	68	130
Turbidity	NTU	3.4	0.05	7.0	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