



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

## June 2015

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	27	28	41	46
Aluminum	mg/L	0.06	0.01	0.07	0.09
Calcium	mg/L	5.0	8.8	5.9	10.2
Carbon Dioxide	mg/L	7	4	10	6
Chloride	mg/L	13	19	15	20
Chlorine, Total	mg/L	-	3.14	-	3.20
Color	CU	7	2	9	3
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.14	0.59	0.13	0.13
Hardness, Total	mg/L	30	48	39	53
Iron	mg/L	0.06	0.01	0.18	0.02
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.4	2.5	2.8	2.8
Manganese	mg/L	0.07	<0.01	0.22	0.01
Nitrate	mg/L	0.09	0.14	0.07	0.33
pH	pH units	7.1	8.2	7.0	8.2
Phosphorus, Total	mg/L	0.04	0.44	0.02	0.45
Potassium	mg/L	2.0	1.9	2.1	2.0
Sodium	mg/L	7.5	14.0	8.6	22.2
Specific Conductance	µmho	115	209	139	252
Sulfate	mg/L	1.8	37.0	2.6	41.0
Total Dissolved Solids	mg/L	71	119	82	147
Turbidity	NTU	2.4	0.08	4.9	0.11
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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