



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

## July 2014

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	31	31	39	45
Aluminum	mg/L	0.06	0.02	0.06	0.03
Calcium	mg/L	5.0	9.3	6.0	7.6
Carbon Dioxide	mg/L	5	3	11	6
Chloride	mg/L	13	22	13	21
Chlorine, Total	mg/L	-	3.12	-	3.10
Color	CU	8	<1	10	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.14	0.66	0.11	0.11
Hardness, Total	mg/L	28	46	43	51
Iron	mg/L	0.06	0.02	0.18	0.01
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	0.05	<0.01	0.14	<0.01
Nitrate	mg/L	0.08	0.16	0.11	0.34
pH	pH units	7.4	8.2	7.0	8.3
Phosphorus, Total	mg/L	0.25	1.27	0.22	1.20
Potassium	mg/L	2.3	2.3	2.3	2.2
Sodium	mg/L	7.9	17.2	7.8	20.8
Specific Conductance	µmho	206	389	123	234
Sulfate	mg/L	1.0	38.8	0.8	35.8
Total Dissolved Solids	mg/L	62	112	75	133
Turbidity	NTU	2.6	0.07	4.1	0.11
Zinc	mg/L	0.02	<0.01	0.14	<0.01

< number - below the detection limit of the analytical instrument

## Annual Compliance Results for Inorganics

6/17/2013

PARAMETER	UNITS	TOWNSEND FINISHED	MITCHELL FINISHED	ALLOWABLE LIMIT
Antimony	mg/L	<0.001	<0.001	0.006
Arsenic	mg/L	<0.005	<0.005	0.010
Barium	mg/L	<0.400	<0.400	2.000
Beryllium	mg/L	<0.001	<0.001	0.004
Cadmium	mg/L	<0.001	<0.001	0.005
Chromium	mg/L	<0.005	<0.005	0.100
Cyanide, Total	mg/L	<0.005	<0.005	0.200
Iron	mg/L	0.016	0.013	0.300
Manganese	mg/L	<0.005	0.001	0.050
Mercury	mg/L	<0.0002	<0.0002	0.002
Nickel	mg/L	<0.005	<0.005	N/A
Selenium	mg/L	<0.005	<0.005	0.050
Thallium	mg/L	<0.001	<0.001	0.002

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