



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

## September 2013

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	33	35	31	39
Aluminum	mg/L	0.06	0.01	0.04	0.04
Calcium	mg/L	3.9	10.2	4.5	8.6
Carbon Dioxide	mg/L	2	2	10	4
Chloride	mg/L	4	14	4	12
Chlorine, Total	mg/L	-	3.09	-	3.08
Color	CU	13	1	15	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.11	0.65	0.12	0.72
Hardness, Total	mg/L	29	44	31	43
Iron	mg/L	0.07	0.03	0.20	0.02
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.4	2.5	2.6	2.2
Manganese	mg/L	0.14	<0.01	0.24	<0.01
Nitrate	mg/L	0.14	0.24	0.10	0.44
pH	pH units	7.2	8.3	6.8	8.2
Phosphorus, Total	mg/L	0.31	1.99	0.30	1.42
Potassium	mg/L	2.3	2.4	3.2	2.5
Sodium	mg/L	4.4	16.6	4.4	18.5
Specific Conductance	µmho	96	204	97	213
Sulfate	mg/L	3.0	43.3	3.3	44.5
Total Dissolved Solids	mg/L	66	123	52	129
Turbidity	NTU	2.8	0.07	4.9	0.12
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

4/23/2012

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	0.010	0.025	0.300
Manganese	mg/L	0.003	0.005	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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