



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

## February 2013

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	27	28	25	29
Aluminum	mg/L	0.16	0.01	0.57	0.01
Calcium	mg/L	3.3	10.8	3.4	7.1
Carbon Dioxide	mg/L	1	1	6	3
Chloride	mg/L	7	14	11	16
Chlorine, Total	mg/L	-	3.04	-	3.09
Color	CU	7	<1	21	<1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.14	0.48	0.10	0.49
Hardness, Total	mg/L	27	47	29	37
Iron	mg/L	0.24	0.01	0.71	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.0	2.3	2.3	2.4
Manganese	mg/L	0.06	<0.01	0.07	<0.01
Nitrate	mg/L	0.34	0.43	0.32	0.44
pH	pH units	7.5	8.2	7.1	8.3
Phosphorus, Total	mg/L	0.40	2.19	0.21	1.72
Potassium	mg/L	2.2	2.3	2.6	2.6
Sodium	mg/L	4.3	10.1	6.7	22.8
Specific Conductance	µmho	55	111	95	190
Sulfate	mg/L	1.9	20.8	3.1	47.6
Total Dissolved Solids	mg/L	50	95	65	106
Turbidity	NTU	5.7	0.04	19.6	0.08
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	0.018	0.033	0.300
Manganese	mg/L	0.004	0.007	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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