



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

**April 2007**

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	26	27	38	42
Aluminum	mg/L	0.11	0.03	0.50	0.07
Calcium	mg/L	6.1	8.2	7.1	12.9
Carbon Dioxide	mg/L	3	3	4	3
Chloride	mg/L	4	7	5	7
Chlorine, Free	mg/L	-	1.56	-	1.57
Color	CU	12	2	17	3
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.13	0.90	0.12	0.84
Hardness, Total	mg/L	24	30	35	42
Iron	mg/L	0.14	<0.01	0.34	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.3	2.2	2.6	2.5
Manganese	mg/L	0.06	<0.01	0.29	<0.01
Nitrate	mg/L	0.08	0.14	0.13	0.19
pH	pH units	7.5	7.5	7.0	7.5
Phosphorus, Total	mg/L	0.03	0.35	0.02	0.22
Potassium	mg/L	2.4	2.2	2.4	2.3
Sodium	mg/L	4.2	9.7	4.8	7.3
Specific Conductance	µmho	75	115	82	128
Sulfate	mg/L	8.1	19.4	8.6	19.1
Total Dissolved Solids	mg/L	48	69	53	76
Turbidity	NTU	5.2	0.01	9.4	0.10
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

3/14/2007

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	<0.010	0.300
Manganese	mg/L	<0.005	<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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