

# WATER QUALITY REPORT CITY OF GREENSBORO, NC

<b>August 2007</b>					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	31	31	49	53
Aluminum	mg/L	0.10	0.06	0.24	0.09
Calcium	mg/L	8.0	13.8	9.3	14.2
Carbon Dioxide	mg/L	3	3	5	3
Chloride	mg/L	6	9	5	13
Chlorine, Free	mg/L	-	1.80	-	1.77
Color	CU	5	3	16	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.14	0.72	0.16	0.85
Hardness, Total	mg/L	26	33	45	52
Iron	mg/L	0.06	<0.01	0.48	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.8	2.9	3.2	3.2
Manganese	mg/L	0.14	<0.01	1.33	<0.01
Nitrate	mg/L	0.07	0.19	0.09	0.32
pH	pH units	7.1	7.5	6.8	7.4
Phosphorus, Total	mg/L	0.02	0.38	0.02	0.32
Potassium	mg/L	2.5	2.5	2.8	2.8
Sodium	mg/L	4.5	13.5	5.1	22.9
Specific Conductance	µmho	84	138	107	209
Sulfate	mg/L	7.5	23.1	7.4	37.8
Total Dissolved Solids	mg/L	57	77	60	126
Turbidity	NTU	3.4	0.06	6.9	0.05
Zinc	mg/L	<0.01	<0.01	<0.01	<0.01

< number - below the detection limit of the analytical instrument

<b>Annual Compliance Results for Inorganics</b>				
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