

# WATER QUALITY REPORT CITY OF GREENSBORO, NC

<b>September 2007</b>					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	35	37	50	56
Aluminum	mg/L	0.06	0.02	0.19	0.11
Calcium	mg/L	3.4	4.7	4.3	7.6
Carbon Dioxide	mg/L	5	3	5	3
Chloride	mg/L	5	9	5	9
Chlorine, Free	mg/L	-	1.93	-	1.88
Color	CU	7	2	12	2
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.14	0.86	0.18	0.85
Hardness, Total	mg/L	28	35	42	54
Iron	mg/L	0.13	<0.01	0.32	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	1.7	1.6	1.8	1.8
Manganese	mg/L	0.38	<0.01	0.77	<0.01
Nitrate	mg/L	0.10	0.19	0.14	0.36
pH	pH units	6.8	7.5	6.8	7.4
Phosphorus, Total	mg/L	0.04	0.45	0.04	0.37
Potassium	mg/L	3.0	3.0	3.3	3.4
Sodium	mg/L	4.8	16.8	5.8	41.6
Specific Conductance	µmho	87	158	109	212
Sulfate	mg/L	7.0	26.6	7.1	38.8
Total Dissolved Solids	mg/L	67	103	80	142
Turbidity	NTU	3.8	0.02	6.8	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