



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

<b>November 2008</b>					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	34	35	37	41
Aluminum	mg/L	0.21	0.05	0.23	0.04
Calcium	mg/L	7.8	9.4	8.4	12.8
Carbon Dioxide	mg/L	3	3	4	3
Chloride	mg/L	6	9	6	8
Chlorine, Free	mg/L	-	1.77	-	1.77
Color	CU	12	2	10	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.17	0.76	0.15	0.88
Hardness, Total	mg/L	29	34	44	50
Iron	mg/L	0.23	<0.01	0.31	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.6	2.6	2.5	2.6
Manganese	mg/L	0.10	<0.01	0.17	<0.01
Nitrate	mg/L	0.11	0.22	0.29	0.49
pH	pH units	6.9	7.4	6.9	7.4
Phosphorus, Total	mg/L	0.03	0.46	0.03	0.54
Potassium	mg/L	2.6	2.6	2.7	2.8
Sodium	mg/L	5.4	14.0	4.6	11.8
Specific Conductance	µmho	92	141	86	136
Sulfate	mg/L	8.8	24.8	9.4	22.2
Total Dissolved Solids	mg/L	71	92	72	95
Turbidity	NTU	4.0	0.01	5.6	0.07
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>				
3/18/2008				
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	0.001	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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