



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

## December 2008

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	32	33	36	39
Aluminum	mg/L	0.17	0.01	0.29	0.07
Calcium	mg/L	7.8	9.6	8.7	14.0
Carbon Dioxide	mg/L	3	3	4	4
Chloride	mg/L	5	9	5	8
Chlorine, Free	mg/L	-	1.76	-	1.76
Color	CU	11	2	13	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.18	0.77	0.17	0.84
Hardness, Total	mg/L	29	32	45	49
Iron	mg/L	0.15	<0.01	0.43	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.6	2.5	2.6	2.6
Manganese	mg/L	0.08	<0.01	0.23	<0.01
Nitrate	mg/L	0.13	0.35	0.28	0.54
pH	pH units	7.0	7.4	6.9	7.4
Phosphorus, Total	mg/L	0.04	0.46	0.03	0.48
Potassium	mg/L	2.6	2.7	2.9	2.9
Sodium	mg/L	5.7	14.2	5.2	9.8
Specific Conductance	µmho	91	139	87	131
Sulfate	mg/L	9.6	25.6	10.6	23.2
Total Dissolved Solids	mg/L	61	86	70	94
Turbidity	NTU	3.2	0.01	6.0	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

3/18/2008

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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