



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

## February 2007

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	26	27	35	34
Aluminum	mg/L	0.26	0.01	0.36	0.08
Calcium	mg/L	6.0	8.8	7.1	11.0
Carbon Dioxide	mg/L	3	3	3	3
Chloride	mg/L	4	8	5	8
Chlorine, Free	mg/L	-	1.60	-	1.56
Color	CU	9	2	19	5
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.14	0.91	0.12	0.90
Hardness, Total	mg/L	23	30	36	41
Iron	mg/L	0.19	<0.01	0.46	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.2	2.2	2.6	2.5
Manganese	mg/L	0.08	<0.01	0.14	<0.01
Nitrate	mg/L	0.13	0.24	0.14	0.25
pH	pH units	7.3	7.5	7.2	7.4
Phosphorus, Total	mg/L	0.04	0.38	0.03	0.17
Potassium	mg/L	2.2	2.2	1.9	2.0
Sodium	mg/L	3.7	8.4	3.8	8.4
Specific Conductance	µmho	73	114	85	138
Sulfate	mg/L	7.6	17.6	8.1	18.5
Total Dissolved Solids	mg/L	48	70	57	74
Turbidity	NTU	5.0	0.02	6.5	0.07
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

3/7/2006

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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