



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

## July 2008

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	32	32	45	51
Aluminum	mg/L	0.08	0.05	0.23	0.06
Calcium	mg/L	9.0	11.6	10.8	16.9
Carbon Dioxide	mg/L	4	3	5	3
Chloride	mg/L	6	11	6	11
Chlorine, Free	mg/L	-	1.97	-	1.95
Color	CU	7	1	12	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.14	0.74	0.15	0.95
Hardness, Total	mg/L	27	33	39	53
Iron	mg/L	0.07	<0.01	0.28	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.8	2.8	3.1	3.2
Manganese	mg/L	0.10	<0.01	0.46	<0.01
Nitrate	mg/L	0.18	0.32	0.30	0.54
pH	pH units	7.3	7.4	6.8	7.5
Phosphorus, Total	mg/L	0.02	0.38	0.02	0.26
Potassium	mg/L	2.5	2.6	2.7	3.2
Sodium	mg/L	4.3	14.3	4.4	17.9
Specific Conductance	µmho	78	120	100	173
Sulfate	mg/L	8.5	22.2	8.2	24.4
Total Dissolved Solids	mg/L	60	83	72	108
Turbidity	NTU	2.7	0.03	5.7	0.11
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	<0.010	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

Marie Shandor, Laboratory Supervisor

(336) 373-7527

[marie.shandor@greensboro-nc.gov](mailto:marie.shandor@greensboro-nc.gov)