



WATER QUALITY REPORT CITY OF GREENSBORO, NC

July 2007

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	29	30	47	52
Aluminum	mg/L	0.08	0.06	0.12	0.10
Calcium	mg/L	7.2	10.4	9.4	14.4
Carbon Dioxide	mg/L	3	3	4	3
Chloride	mg/L	6	11	6	10
Chlorine, Free	mg/L	-	1.80	-	1.76
Color	CU	9	3	13	2
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.12	0.79	0.17	0.88
Hardness, Total	mg/L	26	33	40	49
Iron	mg/L	0.09	<0.01	0.21	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.6	2.6	3.2	3.2
Manganese	mg/L	0.13	<0.01	0.63	<0.01
Nitrate	mg/L	0.12	0.26	0.28	0.29
pH	pH units	7.4	7.5	7.0	7.4
Phosphorus, Total	mg/L	0.05	0.41	0.05	0.25
Potassium	mg/L	2.4	2.4	2.6	2.5
Sodium	mg/L	4.2	10.0	4.6	14.6
Specific Conductance	µmho	76	116	101	171
Sulfate	mg/L	7.3	21.4	7.5	29.2
Total Dissolved Solids	mg/L	56	72	62	105
Turbidity	NTU	4.0	0.05	5.9	0.04
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

3/14/2007

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