



WATER QUALITY REPORT CITY OF GREENSBORO, NC

March 2007

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	25	26	35	37
Aluminum	mg/L	0.29	0.01	0.53	0.10
Calcium	mg/L	5.4	7.0	6.0	10.8
Carbon Dioxide	mg/L	3	3	4	3
Chloride	mg/L	4	6	5	7
Chlorine, Free	mg/L	-	1.57	-	1.57
Color	CU	14	4	24	5
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.16	0.84	0.10	0.81
Hardness, Total	mg/L	26	33	34	42
Iron	mg/L	0.21	<0.01	0.48	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.1	2.1	2.4	2.4
Manganese	mg/L	0.08	<0.01	0.30	<0.01
Nitrate	mg/L	0.11	0.18	0.14	0.25
pH	pH units	7.5	7.5	7.1	7.4
Phosphorus, Total	mg/L	0.02	0.34	0.02	0.15
Potassium	mg/L	2.0	2.0	2.1	2.0
Sodium	mg/L	3.8	8.4	4.2	6.6
Specific Conductance	µmho	73	112	83	128
Sulfate	mg/L	8.0	17.1	8.9	18.7
Total Dissolved Solids	mg/L	51	63	55	74
Turbidity	NTU	5.6	0.01	10.1	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

3/7/2006

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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