



WATER QUALITY REPORT CITY OF GREENSBORO, NC

May 2007

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	28	30	40	44
Aluminum	mg/L	0.15	0.02	0.18	0.04
Calcium	mg/L	6.4	9.8	7.7	11.8
Carbon Dioxide	mg/L	4	3	6	6
Chloride	mg/L	5	8	5	8
Chlorine, Free	mg/L	-	1.57	-	1.57
Color	CU	18	8	17	4
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.14	0.79	0.12	0.85
Hardness, Total	mg/L	25	32	32	38
Iron	mg/L	0.06	<0.01	0.20	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.3	2.4	2.6	2.8
Manganese	mg/L	0.08	<0.01	0.36	<0.01
Nitrate	mg/L	0.08	0.19	0.13	0.22
pH	pH units	7.4	7.5	7.0	7.5
Phosphorus, Total	mg/L	0.02	0.34	0.02	0.25
Potassium	mg/L	2.4	2.6	2.6	2.9
Sodium	mg/L	3.6	8.1	3.6	11.2
Specific Conductance	µmho	78	120	169	274
Sulfate	mg/L	6.8	18.4	6.2	19.8
Total Dissolved Solids	mg/L	53	69	56	82
Turbidity	NTU	3.2	0.02	5.6	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

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