



WATER QUALITY REPORT CITY OF GREENSBORO, NC

June 2007

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	29	30	52	52
Aluminum	mg/L	0.10	0.03	0.14	0.06
Calcium	mg/L	6.5	9.2	8.1	10.8
Carbon Dioxide	mg/L	3	3	6	4
Chloride	mg/L	4	8	5	9
Chlorine, Free	mg/L	-	1.74	-	1.73
Color	CU	18	4	18	2
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.13	0.78	0.12	0.76
Hardness, Total	mg/L	26	32	37	45
Iron	mg/L	0.08	<0.01	0.21	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.4	2.4	2.8	2.8
Manganese	mg/L	0.10	<0.01	0.28	<0.01
Nitrate	mg/L	0.32	0.25	0.18	0.36
pH	pH units	7.3	7.5	6.9	7.4
Phosphorus, Total	mg/L	0.02	0.33	0.02	0.22
Potassium	mg/L	2.5	2.4	2.6	2.6
Sodium	mg/L	3.3	9.6	3.8	14.4
Specific Conductance	µmho	99	152	200	335
Sulfate	mg/L	8.3	21.0	8.7	20.9
Total Dissolved Solids	mg/L	62	83	66	104
Turbidity	NTU	3.5	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

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