



WATER QUALITY REPORT CITY OF GREENSBORO, NC

May 2008

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	27	29	37	43
Aluminum	mg/L	0.24	0.04	0.20	0.10
Calcium	mg/L	7.6	14.7	9.0	13.0
Carbon Dioxide	mg/L	3	2	4	3
Chloride	mg/L	6	11	7	9
Chlorine, Free	mg/L	-	1.78	-	1.74
Color	CU	16	<1	15	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.12	0.77	0.13	1.00
Hardness, Total	mg/L	27	37	34	42
Iron	mg/L	0.14	<0.01	0.14	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.6	2.7	2.9	2.9
Manganese	mg/L	0.09	<0.01	0.19	<0.01
Nitrate	mg/L	0.13	0.23	0.14	0.30
pH	pH units	6.9	7.5	6.8	7.5
Phosphorus, Total	mg/L	0.02	0.26	0.02	0.26
Potassium	mg/L	2.2	2.3	2.4	2.4
Sodium	mg/L	4.7	10.0	3.9	13.8
Specific Conductance	µmho	88	140	93	146
Sulfate	mg/L	10.2	25.2	9.4	22.8
Total Dissolved Solids	mg/L	60	80	60	86
Turbidity	NTU	4.0	0.05	4.2	0.08
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

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