



WATER QUALITY REPORT CITY OF GREENSBORO, NC

January 2007

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	27	29	32	35
Aluminum	mg/L	0.24	<0.01	0.38	0.02
Calcium	mg/L	6.6	10.6	7.2	9.8
Carbon Dioxide	mg/L	4	3	4	3
Chloride	mg/L	4	8	4	7
Chlorine, Free	mg/L	-	1.72	-	1.71
Color	CU	11	2	32	3
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.15	0.92	0.16	0.94
Hardness, Total	mg/L	26	36	31	35
Iron	mg/L	0.23	<0.01	0.51	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.2	2.3	2.4	2.4
Manganese	mg/L	0.09	<0.01	0.21	<0.01
Nitrate	mg/L	0.13	0.21	0.17	0.28
pH	pH units	7.1	7.5	7.0	7.5
Phosphorus, Total	mg/L	0.06	0.47	0.05	0.20
Potassium	mg/L	2.6	2.6	2.8	2.8
Sodium	mg/L	3.8	10.4	3.9	11.7
Specific Conductance	µmho	74	138	79	131
Sulfate	mg/L	7.8	19.0	9.6	19.2
Total Dissolved Solids	mg/L	45	70	50	72
Turbidity	NTU	6.0	0.01	7.8	0.06
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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