



WATER QUALITY REPORT CITY OF GREENSBORO, NC

October 2008

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	34	36	39	45
Aluminum	mg/L	0.10	0.01	0.18	0.04
Calcium	mg/L	10.0	14.0	10.0	17.8
Carbon Dioxide	mg/L	5	3	4	3
Chloride	mg/L	6	10	5	9
Chlorine, Free	mg/L	-	1.89	-	1.87
Color	CU	7	<1	8	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.15	0.68	0.16	0.93
Hardness, Total	mg/L	31	37	38	46
Iron	mg/L	0.10	<0.01	0.22	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.9	2.4	2.2	2.2
Manganese	mg/L	0.16	<0.01	0.20	<0.01
Nitrate	mg/L	0.18	0.22	0.28	0.48
pH	pH units	7.0	7.4	6.7	7.4
Phosphorus, Total	mg/L	0.04	0.52	0.04	0.38
Potassium	mg/L	2.8	2.4	2.6	2.5
Sodium	mg/L	7.6	13.8	3.1	10.1
Specific Conductance	µmho	95	144	84	138
Sulfate	mg/L	7.2	24.2	6.8	16.8
Total Dissolved Solids	mg/L	54	83	56	87
Turbidity	NTU	3.0	0.01	4.5	0.05
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	0.001	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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