



WATER QUALITY REPORT CITY OF GREENSBORO, NC

September 2008

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	35	37	36	46
Aluminum	mg/L	0.07	0.03	0.24	0.05
Calcium	mg/L	7.4	10.8	7.2	14.8
Carbon Dioxide	mg/L	4	3	5	3
Chloride	mg/L	5	10	4	8
Chlorine, Free	mg/L	-	1.98	-	1.94
Color	CU	6	1	12	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.15	0.63	0.14	0.86
Hardness, Total	mg/L	29	38	32	46
Iron	mg/L	0.07	<0.01	0.29	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.6	2.7	2.4	2.5
Manganese	mg/L	0.15	<0.01	0.34	<0.01
Nitrate	mg/L	0.18	0.24	0.28	0.52
pH	pH units	6.9	7.4	6.7	7.4
Phosphorus, Total	mg/L	0.05	0.40	0.05	0.31
Potassium	mg/L	2.4	2.6	2.6	2.7
Sodium	mg/L	5.0	12.0	3.8	11.4
Specific Conductance	µmho	82	131	86	152
Sulfate	mg/L	7.0	20.8	9.4	21.0
Total Dissolved Solids	mg/L	54	89	65	95
Turbidity	NTU	3.1	0.01	5.8	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	0.001	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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