

WATER QUALITY REPORT CITY OF GREENSBORO, NC

October 2007					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	35	37	51	55
Aluminum	mg/L	0.11	0.01	0.31	0.03
Calcium	mg/L	7.9	10.0	10.1	17.9
Carbon Dioxide	mg/L	4	3	4	3
Chloride	mg/L	5	12	6	11
Chlorine, Free	mg/L	-	1.92	-	1.87
Color	CU	7	3	12	3
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.16	0.80	0.20	0.85
Hardness, Total	mg/L	27	35	42	52
Iron	mg/L	0.21	<0.01	0.28	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.8	2.8	3.4	3.5
Manganese	mg/L	0.45	<0.01	0.46	<0.01
Nitrate	mg/L	0.08	0.20	0.30	0.34
pH	pH units	6.9	7.5	6.8	7.3
Phosphorus, Total	mg/L	0.04	0.55	0.03	0.45
Potassium	mg/L	2.8	2.8	3.0	3.0
Sodium	mg/L	5.0	20.0	5.7	18.7
Specific Conductance	µmho	91	160	109	201
Sulfate	mg/L	6.5	28.2	7.1	34.0
Total Dissolved Solids	mg/L	62	96	70	123
Turbidity	NTU	4.6	0.01	6.7	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				
3/14/2007				
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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