



WATER QUALITY REPORT CITY OF GREENSBORO, NC

December 2007					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	33	34	41	49
Aluminum	mg/L	0.39	0.01	0.58	0.03
Calcium	mg/L	8.8	9.7	10.0	16.0
Carbon Dioxide	mg/L	4	2	4	3
Chloride	mg/L	5	10	7	10
Chlorine, Free	mg/L	-	1.70	-	1.67
Color	CU	9	1	11	2
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.16	0.92	3.33	0.98
Hardness, Total	mg/L	28	33	42	49
Iron	mg/L	0.29	<0.01	0.43	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.7	2.6	2.8	2.9
Manganese	mg/L	0.16	<0.01	0.26	<0.01
Nitrate	mg/L	0.07	0.17	0.29	0.38
pH	pH units	6.9	7.5	6.6	7.4
Phosphorus, Total	mg/L	0.04	0.56	0.04	0.22
Potassium	mg/L	2.8	2.8	2.9	3.0
Sodium	mg/L	5.0	15.9	5.4	15.8
Specific Conductance	µmho	85	136	92	163
Sulfate	mg/L	7.7	24.9	9.2	23.7
Total Dissolved Solids	mg/L	60	95	66	100
Turbidity	NTU	5.7	0.01	7.7	0.03
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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