



WATER QUALITY REPORT CITY OF GREENSBORO, NC

March 2009

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	28	28	36	40
Aluminum	mg/L	0.11	0.04	0.18	0.11
Calcium	mg/L	5.4	7.5	6.1	9.4
Carbon Dioxide	mg/L	3	3	4	3
Chloride	mg/L	5	9	7	9
Chlorine, Free	mg/L	-	1.76	-	1.77
Color	CU	10	<1	16	<1
Copper	mg/L	<0.05	<0.05	0.03	<0.05
Fluoride	mg/L	0.13	0.76	0.12	0.76
Hardness, Total	mg/L	26	31	40	49
Iron	mg/L	0.23	<0.01	0.34	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.4	2.4	2.5	2.6
Manganese	mg/L	0.06	<0.01	0.10	<0.01
Nitrate	mg/L	0.14	0.74	0.20	0.75
pH	pH units	7.0	7.4	7.0	7.4
Phosphorus, Total	mg/L	0.03	0.32	0.03	0.40
Potassium	mg/L	2.4	2.4	2.2	2.2
Sodium	mg/L	4.8	12.2	5.7	8.6
Specific Conductance	µmho	93	155	93	134
Sulfate	mg/L	8.6	25.3	9.5	21.5
Total Dissolved Solids	mg/L	67	87	72	93
Turbidity	NTU	7.1	0.09	7.2	0.11
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

3/17/2009

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	0.002	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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