



WATER QUALITY REPORT CITY OF GREENSBORO, NC

March 2008

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	26	27	35	38
Aluminum	mg/L	0.42	0.01	0.42	0.07
Calcium	mg/L	8.5	10.8	10.6	18.5
Carbon Dioxide	mg/L	4	3	3	3
Chloride	mg/L	5	10	7	9
Chlorine, Free	mg/L	-	1.67	-	1.65
Color	CU	6	<1	16	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.15	0.82	0.14	1.02
Hardness, Total	mg/L	24	28	39	50
Iron	mg/L	0.34	<0.01	0.38	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.5	2.6	2.8	2.7
Manganese	mg/L	0.08	<0.01	0.12	<0.01
Nitrate	mg/L	0.18	0.32	0.13	0.21
pH	pH units	6.9	7.5	6.8	7.5
Phosphorus, Total	mg/L	0.02	0.50	0.02	0.24
Potassium	mg/L	2.8	2.8	2.8	2.8
Sodium	mg/L	5.0	13.8	6.1	9.0
Specific Conductance	µmho	83	130	85	131
Sulfate	mg/L	9.6	25.1	10.6	23.4
Total Dissolved Solids	mg/L	52	78	61	84
Turbidity	NTU	8.0	0.01	8.1	0.06
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	<0.010	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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