



WATER QUALITY REPORT CITY OF GREENSBORO, NC

April 2009

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	27	27	37	42
Aluminum	mg/L	0.10	0.07	0.13	0.04
Calcium	mg/L		8.5		10.1
Carbon Dioxide	mg/L	3	3	4	3
Chloride	mg/L	4	5	5	5
Chlorine, Free	mg/L	-	1.78	-	1.80
Color	CU	18	1	20	<1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.12	0.77	0.12	0.73
Hardness, Total	mg/L	25	31	39	49
Iron	mg/L	0.16	<0.01	0.22	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L		2.5		2.6
Manganese	mg/L	0.06	<0.01	0.10	<0.01
Nitrate	mg/L	0.12	0.46	0.18	0.58
pH	pH units	7.3	7.4	6.8	7.4
Phosphorus, Total	mg/L	0.02	0.32	0.02	0.43
Potassium	mg/L		2.3		2.2
Sodium	mg/L		11.7		9.4
Specific Conductance	µmho	89	146	94	141
Sulfate	mg/L	15.6	24.7	16.1	22.4
Total Dissolved Solids	mg/L	46	74	63	90
Turbidity	NTU	7.2	0.12	5.5	0.12
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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