



WATER QUALITY REPORT CITY OF GREENSBORO, NC

March 2012

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	23	24	30	35
Aluminum	mg/L	0.13	0.01	0.26	0.05
Calcium	mg/L	4.2	5.3	6.0	10.3
Carbon Dioxide	mg/L	2	2	6	4
Chloride	mg/L	5	9	7	10
Chlorine, Total	mg/L	-	3.11	-	3.16
Color	CU	11	3	9	4
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.10	0.60	0.10	0.11
Hardness, Total	mg/L	25	34	32	43
Iron	mg/L	0.19	0.01	0.80	0.03
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.8	2.0	2.9	2.8
Manganese	mg/L	0.05	<0.01	0.09	<0.01
Nitrate	mg/L	0.12	0.20	0.12	0.26
pH	pH units	7.3	8.0	6.9	8.3
Phosphorus, Total	mg/L	0.23	2.42	0.23	2.49
Potassium	mg/L	2.5	2.6	2.4	2.4
Sodium	mg/L	7.1	14.8	7.5	19.1
Specific Conductance	µmho	62	116	92	172
Sulfate	mg/L	6.3	5.3	7.6	28.4
Total Dissolved Solids	mg/L	54	92	68	108
Turbidity	NTU	5.0	0.12	5.8	0.16
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

4/12/2011

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	0.008	0.009	0.300
Manganese	mg/L	0.008	0.012	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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