



WATER QUALITY REPORT CITY OF GREENSBORO, NC

February 2012

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	23	24	28	30
Aluminum	mg/L	0.16	0.01	0.09	0.02
Calcium	mg/L	3.2	9.8	3.4	10.3
Carbon Dioxide	mg/L	2	2	6	5
Chloride	mg/L	7	12	6	11
Chlorine, Total	mg/L	-	3.16	-	3.17
Color	CU	10	2	12	2
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.10	0.59	0.08	0.10
Hardness, Total	mg/L	26	37	31	44
Iron	mg/L	0.25	0.07	0.28	0.04
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	1.6	2.7	1.7	2.6
Manganese	mg/L	0.05	<0.01	0.06	<0.01
Nitrate	mg/L	0.16	0.26	0.18	0.22
pH	pH units	7.3	8.0	7.0	8.1
Phosphorus, Total	mg/L	0.16	1.99	0.18	2.47
Potassium	mg/L	2.2	3.6	1.8	2.6
Sodium	mg/L	4.5	18.2	3.6	16.6
Specific Conductance	µmho	55	104	116	237
Sulfate	mg/L	16.6	107.0	16.6	54.9
Total Dissolved Solids	mg/L	60	94	57	101
Turbidity	NTU	6.7	0.13	7.2	0.19
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	0.003	0.005	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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