



WATER QUALITY REPORT CITY OF GREENSBORO, NC

April 2013

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	27	29	30	34
Aluminum	mg/L	0.07	0.01	0.07	0.02
Calcium	mg/L	4.9	11.9	5.8	10.1
Carbon Dioxide	mg/L	2	1	7	4
Chloride	mg/L	5	10	7	10
Chlorine, Total	mg/L	-	3.04	-	3.11
Color	CU	10	1	12	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.11	0.45	0.10	0.41
Hardness, Total	mg/L	30	48	30	39
Iron	mg/L	0.18	0.02	0.20	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.6	2.4	2.9	3.1
Manganese	mg/L	0.05	<0.01	0.12	<0.01
Nitrate	mg/L	0.31	0.56	0.37	0.63
pH	pH units	7.3	8.3	7.1	8.3
Phosphorus, Total	mg/L	0.90	2.50	0.80	2.15
Potassium	mg/L	2.6	2.6	2.4	2.5
Sodium	mg/L	6.4	13.5	7.4	24.1
Specific Conductance	µmho	67	142	113	197
Sulfate	mg/L	2.4	26.9	2.6	46.9
Total Dissolved Solids	mg/L	66	117	71	122
Turbidity	NTU	4.9	0.06	5.8	0.08
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

4/23/2012

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	0.013	0.028	0.300
Manganese	mg/L	0.003	0.007	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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