



WATER QUALITY REPORT CITY OF GREENSBORO, NC

March 2013

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	26	27	27	29
Aluminum	mg/L	0.12	<0.01	0.09	0.01
Calcium	mg/L	2.6	8.1	2.7	6.8
Carbon Dioxide	mg/L	2	1	6	3
Chloride	mg/L	8	14	13	18
Chlorine, Total	mg/L	-	3.05	-	3.07
Color	CU	13	<1	18	<1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.13	0.45	0.11	0.46
Hardness, Total	mg/L	28	51	30	39
Iron	mg/L	0.27	0.01	0.36	0.02
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.0	1.6	1.8	2.3
Manganese	mg/L	0.05	<0.01	0.04	<0.01
Nitrate	mg/L	0.15	0.24	0.26	0.38
pH	pH units	7.5	8.3	7.1	8.3
Phosphorus, Total	mg/L	0.25	1.92	0.22	1.67
Potassium	mg/L	2.2	1.7	1.6	2.8
Sodium	mg/L	4.6	8.0	5.3	17.5
Specific Conductance	µmho	56	122	97	186
Sulfate	mg/L	2.3	35.0	2.8	49.1
Total Dissolved Solids	mg/L	52	101	68	112
Turbidity	NTU	5.7	0.04	8.6	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	0.030	0.300
Manganese	mg/L	0.004	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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