



WATER QUALITY REPORT CITY OF GREENSBORO, NC

June 2014

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	29	29	36	42
Aluminum	mg/L	0.03	0.02	0.03	0.04
Calcium	mg/L	4.3	9.1	5.1	6.2
Carbon Dioxide	mg/L	6	3	9	5
Chloride	mg/L	19	25	17	31
Chlorine, Total	mg/L	-	3.12	-	3.13
Color	CU	6	<1	9	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.07	0.60	0.10	0.11
Hardness, Total	mg/L	26	44	38	43
Iron	mg/L	0.06	0.03	0.11	0.02
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.0	2.2	2.2	2.8
Manganese	mg/L	0.05	<0.01	0.14	0.01
Nitrate	mg/L	0.07	0.13	0.06	0.37
pH	pH units	7.4	8.2	6.8	8.3
Phosphorus, Total	mg/L	0.26	2.05	0.27	1.50
Potassium	mg/L	2.1	2.3	2.1	2.5
Sodium	mg/L	7.1	18.4	7.5	35.1
Specific Conductance	µmho	110	209	118	236
Sulfate	mg/L	1.2	28.8	1.0	30.6
Total Dissolved Solids	mg/L	51	103	68	128
Turbidity	NTU	2.0	0.06	3.1	0.10
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

6/17/2013

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	0.014	0.012	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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