



WATER QUALITY REPORT CITY OF GREENSBORO, NC

December 2014

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	35	35	39	43
Aluminum	mg/L	0.06	0.01	0.02	<0.01
Calcium	mg/L	6.6	12.8	7.7	13.1
Carbon Dioxide	mg/L	8	5	9	5
Chloride	mg/L	12	18	11	15
Chlorine, Total	mg/L	-	3.15	-	3.15
Color	CU	6	<1	9	<1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.18	0.71		0.18
Hardness, Total	mg/L	32	51	42	52
Iron	mg/L	0.15	<0.01	0.12	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.7	2.9	3.3	3.7
Manganese	mg/L	0.08	<0.01	0.05	<0.01
Nitrate	mg/L	0.18	0.23	0.12	0.22
pH	pH units	7.4	8.2	7.2	8.3
Phosphorus, Total	mg/L	0.64	1.54	0.65	1.56
Potassium	mg/L	2.7	2.7	2.8	3.4
Sodium	mg/L	8.5	19.5	8.8	25.4
Specific Conductance	µmho	112	204	121	216
Sulfate	mg/L	1.2	38.8	0.8	40.2
Total Dissolved Solids	mg/L	59	108	60	115
Turbidity	NTU	6.2	0.07	3.7	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

8/4/2014

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	0.015	0.011	0.300
Manganese	mg/L	<0.005	0.001	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