



WATER QUALITY REPORT CITY OF GREENSBORO, NC

November 2014

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	35	36	39	44
Aluminum	mg/L	0.13	0.02	0.04	0.01
Calcium	mg/L	6.9	15.2	8.1	13.6
Carbon Dioxide	mg/L	8	4	8	6
Chloride	mg/L	13	18	12	16
Chlorine, Total	mg/L	-	3.15	-	3.16
Color	CU	7	1	9	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.20	0.78	0.16	0.17
Hardness, Total	mg/L	32	53	42	54
Iron	mg/L	0.22	<0.01	0.14	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	3.5	3.4	3.8	4.0
Manganese	mg/L	0.14	<0.01	0.08	<0.01
Nitrate	mg/L	0.16	0.23	0.10	0.29
pH	pH units	7.3	8.2	7.3	8.3
Phosphorus, Total	mg/L	0.68	1.48	0.62	1.52
Potassium	mg/L	3.2	3.2	3.1	3.3
Sodium	mg/L	10.6	21.9	9.8	27.6
Specific Conductance	µmho	117	215	125	225
Sulfate	mg/L	1.0	41.0	0.8	44.0
Total Dissolved Solids	mg/L	68	130	86	132
Turbidity	NTU	5.9	0.07	4.5	0.07
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	0.010	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