



WATER QUALITY REPORT CITY OF GREENSBORO, NC

November 2016

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	36	36	30	36
Aluminum	mg/L	0.18	0.01	0.14	0.01
Calcium	mg/L	4.8	12.7	4.2	8.0
Carbon Dioxide	mg/L	6	4	8	6
Chloride	mg/L	7	13	6	11
Chlorine, Total	mg/L	-	3.16	-	3.13
Color	CU	8	1	9	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.13	0.62	0.11	0.11
Hardness, Total	mg/L	33	65	30	39
Iron	mg/L	0.19	0.01	0.30	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.4	2.4	2.1	2.2
Manganese	mg/L	0.12	<0.01	0.16	<0.01
Nitrate	mg/L	0.09	0.22	0.08	0.34
pH	pH units	7.3	8.1	7.0	8.0
Phosphorus, Total	mg/L	0.05	2.67	0.10	2.23
Potassium	mg/L	2.2	2.2	2.6	2.7
Sodium	mg/L	5.6	10.1	4.5	19.9
Specific Conductance	µmho	50	102	92	199
Sulfate	mg/L	0.2	17.0	0.2	31.5
Total Dissolved Solids	mg/L	35	87	21	86
Turbidity	NTU	5.3	0.04	8.6	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

5/10/2016

PARAMETER	UNITS	TOWNSEND FINISHED	MITCHELL FINISHED	ALLOWABLE LIMIT
Antimony	mg/L	<0.003	<0.003	0.006
Arsenic	mg/L	<0.005	<0.005	0.010
Barium	mg/L	<0.400	<0.400	2.000
Beryllium	mg/L	<0.002	<0.002	0.004
Cadmium	mg/L	<0.001	<0.001	0.005
Chromium	mg/L	<0.020	<0.020	0.100
Cyanide, Total	mg/L	<0.050	<0.050	0.200
Iron	mg/L	<0.060	<0.060	0.300
Manganese	mg/L	<0.010	<0.010	0.050
Mercury	mg/L	<0.0004	<0.0004	0.002
Nickel	mg/L	<0.100	<0.100	N/A
Selenium	mg/L	<0.010	<0.010	0.050
Thallium	mg/L	<0.001	<0.001	0.002