



WATER QUALITY REPORT CITY OF GREENSBORO, NC

December 2016

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	34	36	31	37
Aluminum	mg/L	0.17	0.05	0.08	<0.01
Calcium	mg/L	4.6	13.4	4.6	9.1
Carbon Dioxide	mg/L	6	4	8	6
Chloride	mg/L	9	16	8	18
Chlorine, Total	mg/L	-	2.99	-	2.99
Color	CU	7	3	7	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.14	0.71	0.07	0.11
Hardness, Total	mg/L	31	60	32	43
Iron	mg/L	0.21	0.02	0.26	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.2	2.4	2.3	2.2
Manganese	mg/L	0.12	<0.01	0.11	<0.01
Nitrate	mg/L	0.20	0.19	0.12	0.33
pH	pH units	7.2	8.0	7.1	8.0
Phosphorus, Total	mg/L	0.07	2.88	0.06	2.31
Potassium	mg/L	2.2	2.3	2.6	7.2
Sodium	mg/L	5.2	11.7	5.3	18.9
Specific Conductance	µmho	92	203	93	202
Sulfate	mg/L	0.8	29.8	0.8	41.2
Total Dissolved Solids	mg/L	28	76	31	103
Turbidity	NTU	6.0	0.04	7.9	0.06
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