



WATER QUALITY REPORT CITY OF GREENSBORO, NC

October 2016

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	39	40	33	39
Aluminum	mg/L	0.08	0.01	0.06	<0.01
Calcium	mg/L	5.4	13.1	5.5	8.9
Carbon Dioxide	mg/L	8	4	9	6
Chloride	mg/L	9	16	7	12
Chlorine, Total	mg/L	-	3.06	-	3.08
Color	CU	6	<1	12	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.11	0.57	0.11	0.12
Hardness, Total	mg/L	34	56	32	43
Iron	mg/L	0.14	<0.01	0.16	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.3	2.6	2.2	2.2
Manganese	mg/L	0.24	<0.01	0.20	<0.01
Nitrate	mg/L	0.09	0.12	0.12	0.43
pH	pH units	7.1	8.2	6.9	8.1
Phosphorus, Total	mg/L	0.05	0.78	0.03	0.78
Potassium	mg/L	2.1	2.1	2.3	2.4
Sodium	mg/L	5.3	13.8	4.7	18.2
Specific Conductance	µmho	100	203	104	207
Sulfate	mg/L	0.6	37.0	0.2	38.8
Total Dissolved Solids	mg/L	55	113	52	114
Turbidity	NTU	3.3	0.04	9.1	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

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

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