



WATER QUALITY REPORT CITY OF GREENSBORO, NC

July 2017

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	29	26	29	37
Aluminum	mg/L	0.04	<0.01	0.05	<0.01
Calcium	mg/L	4.3	12.7	4.5	11.4
Carbon Dioxide	mg/L	5	3	10	6
Chloride	mg/L	6	11	5	12
Chlorine, Total	mg/L	-	2.93	-	2.96
Color	CU	11	2	20	4
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.10	0.55	0.09	0.11
Hardness, Total	mg/L	25	58	27	44
Iron	mg/L	0.05	<0.01	0.20	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.0	2.3	2.0	2.3
Manganese	mg/L	0.05	<0.01	0.18	<0.01
Nitrate	mg/L	0.11	0.23	0.08	0.60
pH	pH units	7.7	8.0	6.8	8.1
Phosphorus, Total	mg/L	0.02	0.60	0.01	0.76
Potassium	mg/L	2.6	2.7	2.7	3.0
Sodium	mg/L	4.3	12.4	3.6	25.1
Specific Conductance	µmho	78	199	83	224
Sulfate	mg/L	<1	43	<1	50
Total Dissolved Solids	mg/L	42	108	45	105
Turbidity	NTU	2.1	0.07	4.7	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

4/5/2017

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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