



WATER QUALITY REPORT CITY OF GREENSBORO, NC

February 2017

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	29	29	28	31
Aluminum	mg/L	0.08	<0.01	0.16	<0.01
Calcium	mg/L	4.5	13.9	4.8	7.9
Carbon Dioxide	mg/L	5	4	8	6
Chloride	mg/L	9	13	14	18
Chlorine, Total	mg/L	-	2.96	-	2.93
Color	CU	6	<1	20	<1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.08	0.61	0.08	0.11
Hardness, Total	mg/L	27	58	30	38
Iron	mg/L	0.16	<0.01	0.49	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	1.9	2.3	2.4	2.2
Manganese	mg/L	0.06	<0.01	0.10	<0.01
Nitrate	mg/L	0.06	0.11	0.08	0.24
pH	pH units	7.7	8.0	7.1	8.0
Phosphorus, Total	mg/L	0.04	1.06	0.03	0.63
Potassium	mg/L	2.1	2.4	2.7	2.6
Sodium	mg/L	5.5	10.4	8.0	23.4
Specific Conductance	µmho	88	193	105	209
Sulfate	mg/L	1.5	32.2	3.2	42.8
Total Dissolved Solids	mg/L	63	130	73	123
Turbidity	NTU	5.7	0.05	14.4	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

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