



WATER QUALITY REPORT CITY OF GREENSBORO, NC

April 2018

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	27	27	26	28
Aluminum	mg/L	0.11	<0.01	0.28	<0.01
Calcium	mg/L	3.4	10.0	4.3	7.9
Carbon Dioxide	mg/L	6	5	7	7
Chloride	mg/L	10	10	16	14
Chlorine, Free	mg/L	-	2.72	-	2.65
Color	CU	8	1	15	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.12	0.51	0.08	0.11
Hardness, (EDTA)	mg/L	33	57	32	37
Iron	mg/L	0.30	0.01	0.55	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	1.7	2.0	2.2	2.2
Manganese	mg/L	0.08	<0.01	0.34	<0.01
Nitrate	mg/L	0.21	0.27	0.21	0.38
pH	pH units	7.3	7.4	7.1	7.3
Phosphorus, Total	mg/L	0.02	1.11	0.02	0.88
Potassium	mg/L	1.7	2.0	1.8	1.8
Sodium	mg/L	5.1	13.6	5.6	23.6
Specific Conductance	µmho	103	211	139	235
Sulfate	mg/L	0.8	14	2.8	23
Total Dissolved Solids	mg/L	84	144	84	136
Turbidity	NTU	9.6	0.05	12.7	0.05
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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