



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

## March 2017

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	28	28	27	30
Aluminum	mg/L	0.25	<0.01	0.14	<0.01
Calcium	mg/L	4.5	10.5	3.4	7.9
Carbon Dioxide	mg/L	5	4	7	6
Chloride	mg/L	9	13	13	17
Chlorine, Total	mg/L	-	2.95	-	2.92
Color	CU	8	1	9	2
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.24	0.58	0.08	0.11
Hardness, Total	mg/L	30	57	28	37
Iron	mg/L	0.26	0.01	0.29	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.2	2.0	1.8	2.2
Manganese	mg/L	0.10	<0.01	0.12	<0.01
Nitrate	mg/L	0.09	0.16	0.10	0.28
pH	pH units	7.4	8.0	7.0	8.0
Phosphorus, Total	mg/L	0.02	1.12	0.02	0.72
Potassium	mg/L	2.3	2.2	2.3	2.5
Sodium	mg/L	6.3	12.2	5.5	21.4
Specific Conductance	µmho	91	194	102	202
Sulfate	mg/L	2.0	34.8	3.5	41.8
Total Dissolved Solids	mg/L	72	120	72	112
Turbidity	NTU	5.8	0.05	7.6	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

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