



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

## January 2017

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	31	30	32	35
Aluminum	mg/L	0.14	<0.01	0.10	<0.01
Calcium	mg/L	3.6	14.3	4.8	8.7
Carbon Dioxide	mg/L	6	4	8	6
Chloride	mg/L	9	14	12	14
Chlorine, Total	mg/L	-	2.97	-	2.94
Color	CU	7	1	14	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.11	0.67	0.09	0.12
Hardness, Total	mg/L	29	57	32	41
Iron	mg/L	0.18	<0.01	0.28	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.1	2.2	2.2	2.4
Manganese	mg/L	0.08	<0.01	0.10	<0.01
Nitrate	mg/L	0.23	0.26	0.17	0.26
pH	pH units	7.3	8.0	7.1	8.0
Phosphorus, Total	mg/L	0.02	1.01	0.02	0.80
Potassium	mg/L	2.1	2.1	2.3	2.4
Sodium	mg/L	5.5	9.8	5.8	20.9
Specific Conductance	µmho	90	202	97	201
Sulfate	mg/L	1.2	27.8	2.4	35.0
Total Dissolved Solids	mg/L	46	107	58	120
Turbidity	NTU	5.2	0.04	7.8	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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