



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

<b>December 2017</b>					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	31	32	34	36
Aluminum	mg/L	0.11	<0.01	0.04	<0.01
Calcium	mg/L	4.7	11.5	4.8	9.7
Carbon Dioxide	mg/L	6	4	7	6
Chloride	mg/L	6	10	7	11
Chlorine, Total	mg/L	-	2.95	-	2.95
Color	CU	7	2	8	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.14	0.66	0.12	0.12
Hardness, Total	mg/L	29	59	35	51
Iron	mg/L	0.22	<0.01	0.24	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.2	2.4	2.5	2.4
Manganese	mg/L	0.13	<0.01	0.12	<0.01
Nitrate	mg/L	0.25	0.28	0.14	0.45
pH	pH units	7.2	8.0	7.3	8.1
Phosphorus, Total	mg/L	0.01	0.77	0.02	0.81
Potassium	mg/L	2.4	2.4	2.4	2.5
Sodium	mg/L	4.0	13.6	4.3	14.0
Specific Conductance	µmho	85	204	110	217
Sulfate	mg/L	<1	46	0.2	44
Total Dissolved Solids	mg/L	54	118	65	117
Turbidity	NTU	5.3	0.07	6.2	0.03
Zinc	mg/L	<0.01	<0.01	<0.01	<0.01

< number - below the detection limit of the analytical instrument

<b>Annual Compliance Results for Inorganics</b>				
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