



WATER QUALITY REPORT CITY OF GREENSBORO, NC

January 2018					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	30	29	33	35
Aluminum	mg/L	0.04	<0.01	0.01	<0.01
Calcium	mg/L	4.4	12.3	5.3	10.6
Carbon Dioxide	mg/L	6	4	7	6
Chloride	mg/L	6	11	10	12
Chlorine, Total	mg/L	-	2.95	-	2.99
Color	CU	8	1	9	2
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.14	0.68	0.12	0.11
Hardness, (EDTA)	mg/L	31	58	35	52
Iron	mg/L	0.09	<0.01	0.56	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.1	2.4	2.4	2.5
Manganese	mg/L	0.08	<0.01	0.10	<0.01
Nitrate	mg/L	0.17	0.21	0.13	0.21
pH	pH units	7.5	8.0	7.5	8.1
Phosphorus, Total	mg/L	0.02	0.76	0.02	0.85
Potassium	mg/L	2.2	2.5	2.4	2.4
Sodium	mg/L	4.0	12.6	5.0	14.9
Specific Conductance	µmho	87	203	128	239
Sulfate	mg/L	0.4	42	1.2	35
Total Dissolved Solids	mg/L	69	134	83	137
Turbidity	NTU	3.8	0.06	4.8	0.04
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