



WATER QUALITY REPORT CITY OF GREENSBORO, NC

September 2017					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	33	32	35	43
Aluminum	mg/L	0.12	<0.01	0.06	<0.01
Calcium	mg/L	4.8	15.6	4.3	8.9
Carbon Dioxide	mg/L	6	4	9	6
Chloride	mg/L	6	11	6	12
Chlorine, Total	mg/L	-	2.94	-	2.98
Color	CU	9	2	10	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.11	0.55	0.11	0.11
Hardness, Total	mg/L	27	62	32	49
Iron	mg/L	0.07	<0.01	0.10	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.1	2.2	2.0	2.1
Manganese	mg/L	0.15	<0.01	0.13	<0.01
Nitrate	mg/L	0.22	0.35	0.23	0.74
pH	pH units	7.5	8.0	6.8	8.1
Phosphorus, Total	mg/L	0.02	0.71	0.02	0.84
Potassium	mg/L	2.3	2.4	5.4	2.2
Sodium	mg/L	3.7	8.0	3.3	15.8
Specific Conductance	µmho	86	208	95	208
Sulfate	mg/L	<1	46	<1	43
Total Dissolved Solids	mg/L	46	108	54	120
Turbidity	NTU	2.7	0.06	3.7	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