



WATER QUALITY REPORT CITY OF GREENSBORO, NC

November 2017					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	33	34	36	40
Aluminum	mg/L	0.14	<0.01	0.12	<0.01
Calcium	mg/L	5.2	14.3	6.2	11.0
Carbon Dioxide	mg/L	6	4	8	6
Chloride	mg/L	6	13	8	12
Chlorine, Total	mg/L	-	2.94	-	2.98
Color	CU	9	1	9	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.12	0.56	0.12	0.11
Hardness, Total	mg/L	29	59	33	49
Iron	mg/L	0.18	0.01	0.27	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.4	2.3	2.4	2.6
Manganese	mg/L	0.14	<0.01	0.22	<0.01
Nitrate	mg/L	0.24	0.30	0.20	0.76
pH	pH units	7.2	8.0	7.2	8.1
Phosphorus, Total	mg/L	0.02	0.66	0.02	0.80
Potassium	mg/L	2.8	2.6	2.6	2.7
Sodium	mg/L	4.5	10.0	4.2	16.0
Specific Conductance	µmho	86	203	105	211
Sulfate	mg/L	<1	47	<1	45
Total Dissolved Solids	mg/L	51	108	52	114
Turbidity	NTU	4.5	0.06	7.7	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