



WATER QUALITY REPORT CITY OF GREENSBORO, NC

March 2018					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	28	27	27	28
Aluminum	mg/L	0.20	<0.01	0.19	<0.01
Calcium	mg/L	4.4	11.3	5.0	10.6
Carbon Dioxide	mg/L	5	5	7	6
Chloride	mg/L	9	9	17	15
Chlorine, Total	mg/L	-	2.94	-	2.97
Color	CU	6	<1	12	<1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.13	0.54	0.11	0.11
Hardness, (EDTA)	mg/L	51	92	31	38
Iron	mg/L	0.24	<0.01	0.33	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.2	2.5	2.3	2.4
Manganese	mg/L	0.09	<0.01	0.20	<0.01
Nitrate	mg/L	0.10	0.30	0.14	0.44
pH	pH units	7.6	7.5	7.3	7.5
Phosphorus, Total	mg/L	0.02	1.07	0.02	0.93
Potassium	mg/L	2.0	2.3	2.0	2.1
Sodium	mg/L	4.6	12.2	6.8	19.4
Specific Conductance	µmho	96	203	144	235
Sulfate	mg/L	0.2	14	2.2	28
Total Dissolved Solids	mg/L	75	138	92	170
Turbidity	NTU	7.0	0.06	10.0	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