



WATER QUALITY REPORT CITY OF GREENSBORO, NC

March 2016					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	26	28	24	28
Aluminum	mg/L	0.19	0.01	0.17	0.01
Calcium	mg/L	4.0	14.2	9.0	8.6
Carbon Dioxide	mg/L	5	3	7	6
Chloride	mg/L	11	16	16	22
Chlorine, Total	mg/L	-	3.18	-	3.13
Color	CU	15	2	24	<1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.21	0.68	0.10	0.12
Hardness, Total	mg/L	29	62	26	34
Iron	mg/L	0.36	0.01	1.63	<0.06
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	1.5	1.8	4.2	2.6
Manganese	mg/L	0.05	<0.01	0.17	<0.01
Nitrate	mg/L	0.10	0.15	0.20	0.44
pH	pH units	7.3	8.1	6.8	7.9
Phosphorus, Total	mg/L	0.03	0.86	0.04	0.86
Potassium	mg/L	1.7	1.9	4.0	2.5
Sodium	mg/L	5.9	10.5	19.6	36.8
Specific Conductance	µmho	87	194	122	243
Sulfate	mg/L	2.8	32.0	5.2	55.0
Total Dissolved Solids	mg/L	69	128	88	169
Turbidity	NTU	7.6	0.04	19.1	0.08
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				
5/11/2015				
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