



WATER QUALITY REPORT CITY OF GREENSBORO, NC

February 2016					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	26	28	26	29
Aluminum	mg/L	0.22	<0.01	0.24	<0.01
Calcium	mg/L	4.0	13.2	4.8	7.9
Carbon Dioxide	mg/L	5	4	11	7
Chloride	mg/L	8	13	18	19
Chlorine, Total	mg/L	-	3.19	-	3.19
Color	CU	17	1	30	<1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.24	0.68	0.11	0.11
Hardness, Total	mg/L	31	61	28	37
Iron	mg/L	0.38	0.04	0.63	<0.06
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	1.8	1.9	2.3	5.4
Manganese	mg/L	0.06	<0.01	0.10	<0.01
Nitrate	mg/L	0.18	0.27	0.39	0.49
pH	pH units	7.3	8.1	7.1	8.2
Phosphorus, Total	mg/L	0.04	0.86	0.06	0.91
Potassium	mg/L	2.0	2.1	2.1	2.0
Sodium	mg/L	4.7	9.1	9.6	22.4
Specific Conductance	µmho	77	185	124	232
Sulfate	mg/L	1.6	38.0	2.4	42.6
Total Dissolved Solids	mg/L	54	115	93	139
Turbidity	NTU	7.8	0.06	14.4	0.07
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