



WATER QUALITY REPORT CITY OF GREENSBORO, NC

February 2015					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	32	31	36	39
Aluminum	mg/L	0.11	0.05	0.05	0.01
Calcium	mg/L	4.9	7.4	5.8	9.0
Carbon Dioxide	mg/L	6	4	7	5
Chloride	mg/L	12	16	9	14
Chlorine, Total	mg/L	-	3.12	-	3.18
Color	CU	7	<1	10	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.22	0.69	0.14	0.14
Hardness, Total	mg/L	30	47	43	52
Iron	mg/L	0.22	0.01	0.18	0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	3.8	2.4	2.9	2.7
Manganese	mg/L	0.07	<0.01	0.06	<0.01
Nitrate	mg/L	0.17	0.22	0.14	0.18
pH	pH units	7.5	8.2	7.4	8.3
Phosphorus, Total	mg/L	0.06	0.44	0.06	0.44
Potassium	mg/L	2.3	2.2	2.3	2.1
Sodium	mg/L	6.2	12.3	7.1	16.0
Specific Conductance	µmho	104	188	112	203
Sulfate	mg/L	2.2	37.8	3.0	36.8
Total Dissolved Solids	mg/L	69	111	70	115
Turbidity	NTU	4.9	0.05	5.5	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					
		8/4/2014	7/9/2014		
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	