



WATER QUALITY REPORT CITY OF GREENSBORO, NC

March 2015					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	31	31	34	38
Aluminum	mg/L	0.10	<0.01	0.11	0.01
Calcium	mg/L	5.8	10.8	6.3	11.7
Carbon Dioxide	mg/L	11	4	7	6
Chloride	mg/L	11	16	19	22
Chlorine, Total	mg/L	-	3.10	-	3.20
Color	CU	7	<1	11	<1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.19	0.68	0.14	0.14
Hardness, Total	mg/L	28	46	42	52
Iron	mg/L	0.21	0.01	0.24	0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.6	2.6	2.9	3.4
Manganese	mg/L	0.07	0.01	0.07	<0.01
Nitrate	mg/L	0.12	0.18	0.15	0.17
pH	pH units	7.5	8.2	7.2	8.3
Phosphorus, Total	mg/L	0.04	0.44	0.12	0.55
Potassium	mg/L	2.3	2.2	2.3	2.6
Sodium	mg/L	7.5	14.7	11.0	27.5
Specific Conductance	µmho	103	187	137	231
Sulfate	mg/L	3.2	31.6	4.8	38.4
Total Dissolved Solids	mg/L	63	110	76	130
Turbidity	NTU	5.3	0.05	6.7	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					
		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	