



WATER QUALITY REPORT CITY OF GREENSBORO, NC

January 2015					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	33	33	38	41
Aluminum	mg/L	0.06	0.02	0.03	0.01
Calcium	mg/L	7.2	10.2	7.4	10.9
Carbon Dioxide	mg/L	7	4	8	5
Chloride	mg/L	13	18	10	15
Chlorine, Total	mg/L	-	3.12	-	3.18
Color	CU	7	<1	9	<1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.21	0.71	0.15	0.15
Hardness, Total	mg/L	31	49	38	52
Iron	mg/L	0.18	<0.06	0.21	0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	3.7	3.2	3.7	3.7
Manganese	mg/L	0.08	<0.01	0.06	<0.01
Nitrate	mg/L	0.20	0.26	0.14	0.22
pH	pH units	7.4	8.2	7.3	8.3
Phosphorus, Total	mg/L	0.08	0.40	0.08	0.53
Potassium	mg/L	3.3	2.9	3.2	3.0
Sodium	mg/L	9.7	18.4	9.1	22.9
Specific Conductance	µmho	107	193	111	206
Sulfate	mg/L	2.0	37.0	2.0	38.8
Total Dissolved Solids	mg/L	68	99	67	117
Turbidity	NTU	4.4	0.06	3.6	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	