



WATER QUALITY REPORT CITY OF GREENSBORO, NC

September 2015					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	34	35	40	48
Aluminum	mg/L	0.12	0.02	0.06	0.02
Calcium	mg/L	5.6	15.8	6.2	10.2
Carbon Dioxide	mg/L	7	3	11	6
Chloride	mg/L	13	21	13	21
Chlorine, Total	mg/L	-	3.20	-	3.07
Color	CU	6	2	9	2
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.15	0.68	0.13	0.14
Hardness, Total	mg/L	33	53	37	51
Iron	mg/L	0.05	0.02	0.14	0.02
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.7	3.8	2.8	2.8
Manganese	mg/L	0.24	<0.01	0.20	<0.01
Nitrate	mg/L	0.12	0.17	0.09	0.60
pH	pH units	7.2	8.2	6.9	8.2
Phosphorus, Total	mg/L	0.04	0.44	0.03	0.36
Potassium	mg/L	2.3	3.2	2.6	2.6
Sodium	mg/L	7.8	21.3	7.7	25.4
Specific Conductance	µmho	119	227	133	273
Sulfate	mg/L	0.0	42.8	0.0	45.0
Total Dissolved Solids	mg/L	70	136	78	158
Turbidity	NTU	2.5	0.06	4.4	0.12
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