



WATER QUALITY REPORT CITY OF GREENSBORO, NC

November 2013					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	33	34	34	39
Aluminum	mg/L	0.02	0.01	0.02	0.02
Calcium	mg/L	3.3	9.6	2.7	8.7
Carbon Dioxide	mg/L	5	3	8	4
Chloride	mg/L	7	16	7	15
Chlorine, Total	mg/L	-	3.22	-	3.21
Color	CU	9	<1	10	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.14	0.66	0.15	0.73
Hardness, Total	mg/L	33	49	34	46
Iron	mg/L	0.07	<0.01	0.15	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.1	2.2	1.8	2.2
Manganese	mg/L	0.06	<0.01	0.05	<0.01
Nitrate	mg/L	0.26	0.35	0.20	0.44
pH	pH units	7.4	8.3	7.0	8.3
Phosphorus, Total	mg/L	0.17	1.76	0.16	1.27
Potassium	mg/L	2.2	2.2	2.0	2.2
Sodium	mg/L	4.0	13.6	4.1	16.5
Specific Conductance	µmho	75	157	95	207
Sulfate	mg/L	12.2	49.2	7.5	49.8
Total Dissolved Solids	mg/L	59	112	61	124
Turbidity	NTU	3.1	0.04	3.9	0.10
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				
6/17/2013				
PARAMETER	UNITS	TOWNSEND FINISHED	MITCHELL FINISHED	ALLOWABLE LIMIT
Antimony	mg/L	<0.001	<0.001	0.006
Arsenic	mg/L	<0.005	<0.005	0.010
Barium	mg/L	<0.400	<0.400	2.000
Beryllium	mg/L	<0.001	<0.001	0.004
Cadmium	mg/L	<0.001	<0.001	0.005
Chromium	mg/L	<0.005	<0.005	0.100
Cyanide, Total	mg/L	<0.005	<0.005	0.200
Iron	mg/L	0.013	0.023	0.300
Manganese	mg/L	0.003	0.004	0.050
Mercury	mg/L	<0.0002	<0.0002	0.002
Nickel	mg/L	<0.005	<0.005	N/A
Selenium	mg/L	<0.005	<0.005	0.050
Thallium	mg/L	<0.001	<0.001	0.002

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