



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

<b>October 2013</b>					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	35	42	33	40
Aluminum	mg/L	0.02	0.01	0.03	0.02
Calcium	mg/L	3.0	9.4	3.0	7.9
Carbon Dioxide	mg/L	5	2	9	3
Chloride	mg/L	4	12	3	10
Chlorine, Total	mg/L	-	3.07	-	3.08
Color	CU	9	1	12	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.12	0.64	0.13	0.76
Hardness, Total	mg/L	30	50	33	44
Iron	mg/L	0.08	0.01	0.13	0.01
Lead	mg/L	0.650	2.300	<0.003	<0.003
Magnesium	mg/L	2.4	2.3	2.3	2.3
Manganese	mg/L	0.10	<0.01	0.14	<0.01
Nitrate	mg/L	0.26	0.26	0.17	0.46
pH	pH units	7.2	8.3	6.9	8.2
Phosphorus, Total	mg/L	0.32	2.15	0.32	1.40
Potassium	mg/L	2.4	2.4	2.7	2.7
Sodium	mg/L	4.4	16.1	4.1	20.5
Specific Conductance	µmho	90	190	201	419
Sulfate	mg/L	0.8	38.2	1.2	40.0
Total Dissolved Solids	mg/L	56	120	58	130
Turbidity	NTU	2.6	0.04	4.2	0.09
Zinc	mg/L	<0.01	<0.01	0.01	<0.01

< number - below the detection limit of the analytical instrument

<b>Annual Compliance Results for Inorganics</b>				
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	0.012	0.024	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

Marie Shandor, Laboratory Supervisor

(336) 373-7527

[marie.shandor@greensboro-nc.gov](mailto:marie.shandor@greensboro-nc.gov)