



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

## March 2014

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	26	27	27	31
Aluminum	mg/L	0.15	<0.01	0.14	0.01
Calcium	mg/L	4.3	8.8	4.4	8.2
Carbon Dioxide	mg/L	4	3	6	4
Chloride	mg/L	10	15	27	31
Chlorine, Total	mg/L	-	3.29	-	3.27
Color	CU	13	<1	18	<1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.15	0.66	0.08	0.45
Hardness, Total	mg/L	25	43	35	42
Iron	mg/L	0.26	<0.01	0.34	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.4	2.0	2.2	2.3
Manganese	mg/L	0.04	<0.01	0.04	<0.01
Nitrate	mg/L	0.11	0.21	0.22	0.43
pH	pH units	7.3	8.3	7.0	8.3
Phosphorus, Total	mg/L	0.57	2.03	0.52	1.65
Potassium	mg/L	2.5	2.0	2.0	2.2
Sodium	mg/L	7.2	11.7	11.8	27.0
Specific Conductance	µmho	58	120	234	392
Sulfate	mg/L	1.2	22.6	3.4	35.0
Total Dissolved Solids	mg/L	55	96	95	134
Turbidity	NTU	5.7	0.05	9.1	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

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	0.008	0.300
Manganese	mg/L	<0.005	<0.005	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)