



WATER QUALITY REPORT CITY OF GREENSBORO, NC

December 2013					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	33	32	32	37
Aluminum	mg/L	0.04	<0.01	0.04	0.01
Calcium	mg/L	2.0	4.9	3.4	7.6
Carbon Dioxide	mg/L	5	3	7	4
Chloride	mg/L	8	17	7	16
Chlorine, Total	mg/L	-	3.29	-	3.25
Color	CU	8	<1	14	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.16	0.68	0.11	0.62
Hardness, Total	mg/L	32	51	33	43
Iron	mg/L	0.09	<0.01	0.22	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	1.8	2.4	1.8	2.0
Manganese	mg/L	0.04	<0.01	0.03	<0.01
Nitrate	mg/L	0.22	0.34	0.30	0.49
pH	pH units	7.3	8.3	7.0	8.3
Phosphorus, Total	mg/L	0.45	2.10	0.60	1.78
Potassium	mg/L	2.3	3.1	2.0	2.1
Sodium	mg/L	3.5	16.5	3.6	16.9
Specific Conductance	µmho	65	139	92	210
Sulfate	mg/L	2.8	42.8	4.6	38.2
Total Dissolved Solids	mg/L	68	147	83	130
Turbidity	NTU	3.3	0.04	5.7	0.09
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	0.016	0.300
Manganese	mg/L	0.003	<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