



WATER QUALITY REPORT CITY OF GREENSBORO, NC

May 2013

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	30	32	31	37
Aluminum	mg/L	0.04	0.01	0.06	0.02
Calcium	mg/L	2.8	9.1	4.5	8.2
Carbon Dioxide	mg/L	2	1	8	4
Chloride	mg/L	8	14	7	12
Chlorine, Total	mg/L	-	3.08	-	3.11
Color	CU	8	<1	10	<1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.10	0.57	0.12	0.49
Hardness, Total	mg/L	27	48	32	41
Iron	mg/L	0.10	0.02	0.21	0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	1.9	1.8	2.3	2.1
Manganese	mg/L	0.10	<0.01	0.18	<0.01
Nitrate	mg/L	0.24	0.48	0.29	0.69
pH	pH units	7.1	8.3	6.9	8.3
Phosphorus, Total	mg/L	0.53	1.57	0.37	1.55
Potassium	mg/L	1.9	1.8	2.0	1.9
Sodium	mg/L	4.3	9.7	5.0	16.8
Specific Conductance	µmho	77	160	101	195
Sulfate	mg/L	2.3	40.8	4.4	40.2
Total Dissolved Solids	mg/L	59	113	71	126
Turbidity	NTU	3.6	0.07	5.9	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

4/23/2012

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	0.014	0.028	0.300
Manganese	mg/L	0.003	0.007	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