



WATER QUALITY REPORT CITY OF GREENSBORO, NC

January 2014

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	28	28	27	31
Aluminum	mg/L	0.05	0.01	0.42	0.01
Calcium	mg/L	3.3	7.8	3.9	5.5
Carbon Dioxide	mg/L	5	3	6	4
Chloride	mg/L	6	13	6	20
Chlorine, Total	mg/L	-	3.30	-	3.26
Color	CU	11	<1	31	<1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.16	0.61	0.09	0.75
Hardness, Total	mg/L	31	44	31	39
Iron	mg/L	0.12	0.02	0.59	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	1.6	1.8	1.9	1.6
Manganese	mg/L	0.05	<0.01	0.06	<0.01
Nitrate	mg/L	0.19	0.22	0.32	0.39
pH	pH units	7.2	8.3	6.9	8.3
Phosphorus, Total	mg/L	0.59	1.94	0.46	2.08
Potassium	mg/L	1.7	1.9	2.3	1.8
Sodium	mg/L	3.2	10.7	3.5	16.4
Specific Conductance	µmho	56	117	79	207
Sulfate	mg/L	3.0	35.5	3.0	42.0
Total Dissolved Solids	mg/L	62	102	62	118
Turbidity	NTU	4.6	0.05	27.2	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	0.016	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