



WATER QUALITY REPORT CITY OF GREENSBORO, NC

January 2013

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	30	30	30	34
Aluminum	mg/L	0.08	0.01	0.30	0.03
Calcium	mg/L	4.3	11.2	5.0	9.3
Carbon Dioxide	mg/L	2	1	6	3
Chloride	mg/L	7	14	8	14
Chlorine, Total	mg/L	-	3.04	-	3.12
Color	CU	11	1	14	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.14	0.40	0.12	0.48
Hardness, Total	mg/L	30	50	31	41
Iron	mg/L	0.17	0.01	0.54	0.09
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.5	2.5	2.6	2.7
Manganese	mg/L	0.05	0.01	0.08	<0.01
Nitrate	mg/L	0.34	0.62	0.36	0.63
pH	pH units	7.3	8.3	7.1	8.3
Phosphorus, Total	mg/L	0.24	1.90	0.15	1.50
Potassium	mg/L	2.2	2.4	2.4	2.4
Sodium	mg/L	4.9	12.0	6.2	18.0
Specific Conductance	µmho	61	135	88	182
Sulfate	mg/L	2.0	15.0	1.9	38.7
Total Dissolved Solids	mg/L	55	102	63	104
Turbidity	NTU	5.0	0.05	13.1	0.08
Zinc	mg/L	<0.01	<0.01	0.01	0.02

< 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	0.018	0.024	0.300
Manganese	mg/L	0.002	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