



WATER QUALITY REPORT CITY OF GREENSBORO, NC

December 2012

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	31	33	33	37
Aluminum	mg/L	0.09	0.01	0.08	0.02
Calcium	mg/L	4.5	13.8	4.7	9.6
Carbon Dioxide	mg/L	2	1	7	4
Chloride	mg/L	7	16	7	13
Chlorine, Total	mg/L	-	3.10	-	3.09
Color	CU	11	1	11	2
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.14	0.14	0.14	0.50
Hardness, Total	mg/L	33	47	33	44
Iron	mg/L	0.16	<0.01	0.27	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.2	2.3	2.2	2.3
Manganese	mg/L	0.11	<0.01	0.09	<0.01
Nitrate	mg/L	0.23	0.30	0.19	0.28
pH	pH units	7.2	8.3	7.1	8.3
Phosphorus, Total	mg/L	0.31	2.10	0.26	1.58
Potassium	mg/L	2.2	2.2	1.9	2.2
Sodium	mg/L	4.5	12.9	4.4	14.9
Specific Conductance	µmho	65	132	91	184
Sulfate	mg/L	1.9	30.2	4.1	44.9
Total Dissolved Solids	mg/L	65	112	64	109
Turbidity	NTU	4.5	0.04	6.0	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

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	0.019	0.025	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