



WATER QUALITY REPORT CITY OF GREENSBORO, NC

June 2013

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	32	34	35	42
Aluminum	mg/L	0.03	0.01	0.05	0.01
Calcium	mg/L	4.1	8.7	4.4	7.1
Carbon Dioxide	mg/L	3	2	8	3
Chloride	mg/L	7	14	7	13
Chlorine, Total	mg/L	-	3.04	-	3.09
Color	CU	12	<1	14	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.12	0.61	0.12	0.61
Hardness, Total	mg/L	28	50	33	45
Iron	mg/L	0.32	0.01	0.22	0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.0	1.8	2.1	2.1
Manganese	mg/L	0.08	<0.01	0.30	<0.01
Nitrate	mg/L	0.29	0.50	0.29	0.92
pH	pH units	7.2	8.3	6.9	8.3
Phosphorus, Total	mg/L	0.36	1.80	0.32	1.50
Potassium	mg/L	1.8	1.7	1.8	1.9
Sodium	mg/L	5.7	9.8	3.8	17.1
Specific Conductance	µmho	94	191	97	206
Sulfate	mg/L	2.7	44.0	1.8	49.9
Total Dissolved Solids	mg/L	59	104	64	114
Turbidity	NTU	2.7	0.06	5.2	0.12
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	0.014	0.027	0.300
Manganese	mg/L	0.003	0.006	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

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