



WATER QUALITY REPORT CITY OF GREENSBORO, NC

July 2013

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	32	34	34	41
Aluminum	mg/L	0.04	0.02	0.03	0.02
Calcium	mg/L	4.7	9.9	4.8	8.6
Carbon Dioxide	mg/L	2	1	10	3
Chloride	mg/L	9	14	6	12
Chlorine, Total	mg/L	-	3.07	-	3.11
Color	CU	13	1	12	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.09	0.64	0.11	0.55
Hardness, Total	mg/L	32	46	32	42
Iron	mg/L	0.10	0.02	0.14	0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.2	2.3	2.1	2.3
Manganese	mg/L	0.12	0.02	0.22	<0.01
Nitrate	mg/L	0.15	0.23	0.13	0.40
pH	pH units	7.2	8.3	6.8	8.3
Phosphorus, Total	mg/L	0.19	1.66	0.14	1.33
Potassium	mg/L	2.0	2.1	2.2	2.4
Sodium	mg/L	4.8	14.8	4.3	19.2
Specific Conductance	µmho	97	206	93	205
Sulfate	mg/L	1.8	45.1	1.7	47.2
Total Dissolved Solids	mg/L	56	109	58	119
Turbidity	NTU	3.3	0.08	5.4	0.12
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	0.014	0.026	0.300
Manganese	mg/L	0.004	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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