



WATER QUALITY REPORT CITY OF GREENSBORO, NC

February 2014

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	27	29	26	30
Aluminum	mg/L	0.09	<0.01	0.10	0.01
Calcium	mg/L	4.0	9.4	4.0	6.3
Carbon Dioxide	mg/L	4	3	5	4
Chloride	mg/L	6	13	11	15
Chlorine, Total	mg/L	-	3.30	-	3.26
Color	CU	15	<1	32	<1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.13	0.66	0.09	0.61
Hardness, Total	mg/L	27	43	30	40
Iron	mg/L	0.13	0.01	0.26	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.4	2.4	2.3	2.2
Manganese	mg/L	0.03	<0.01	0.02	<0.01
Nitrate	mg/L	0.15	0.42	0.28	0.54
pH	pH units	7.3	8.3	7.0	8.3
Phosphorus, Total	mg/L	0.71	2.55	0.76	1.86
Potassium	mg/L	2.7	2.6	2.6	2.7
Sodium	mg/L	4.3	13.0	5.7	22.4
Specific Conductance	µmho	53	114	88	204
Sulfate	mg/L	1.0	24.8	3.0	39.2
Total Dissolved Solids	mg/L	57	103	94	119
Turbidity	NTU	4.7	0.05	22.3	0.09
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	0.008	0.300
Manganese	mg/L	0.002	<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

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