



WATER QUALITY REPORT CITY OF GREENSBORO, NC

April 2014

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	25	25	28	32
Aluminum	mg/L	0.12	0.01	0.06	0.02
Calcium	mg/L	4.6	9.6	5.8	8.4
Carbon Dioxide	mg/L	5	4	6	4
Chloride	mg/L	14	20	19	26
Chlorine, Total	mg/L	-	3.25	-	3.24
Color	CU	12	1	17	2
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.11	0.61	0.07	0.32
Hardness, Total	mg/L	25	42	31	39
Iron	mg/L	0.19	0.06	0.13	0.06
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	1.8	1.9	2.3	2.4
Manganese	mg/L	0.05	<0.01	0.04	<0.01
Nitrate	mg/L	0.07	0.32	0.06	0.40
pH	pH units	7.2	7.8	6.8	7.7
Phosphorus, Total	mg/L	0.78	3.56	0.60	3.16
Potassium	mg/L	2.0	1.9	2.4	2.3
Sodium	mg/L	6.3	14.2	11.2	25.4
Specific Conductance	µmho	77	151	133	225
Sulfate	mg/L	3.0	16.8	2.5	18.0
Total Dissolved Solids	mg/L	61	101	70	119
Turbidity	NTU	6.7	0.05	5.6	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	0.006	0.300
Manganese	mg/L	<0.005	<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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