



WATER QUALITY REPORT CITY OF GREENSBORO, NC

October 2014

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	38	37	39	45
Aluminum	mg/L	0.04	0.02	0.02	0.01
Calcium	mg/L	7.7	13.5	8.8	12.8
Carbon Dioxide	mg/L	8	4	8	6
Chloride	mg/L	14	21	12	18
Chlorine, Total	mg/L	-	3.14	-	3.14
Color	CU	8	<1	11	1
Copper	mg/L	<0.05	<0.05	0.01	<0.05
Fluoride	mg/L	0.14	0.69	0.16	0.15
Hardness, Total	mg/L	31	48	39	52
Iron	mg/L	0.06	<0.01	0.08	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	3.0	2.9	3.4	3.5
Manganese	mg/L	0.15	<0.01	0.06	<0.01
Nitrate	mg/L	0.18	0.22	0.09	0.32
pH	pH units	7.3	8.2	7.2	8.3
Phosphorus, Total	mg/L	0.44	1.20	0.35	1.09
Potassium	mg/L	3.0	2.5	3.1	3.2
Sodium	mg/L	7.8	20.6	10.1	25.2
Specific Conductance	µmho	118	228	125	229
Sulfate	mg/L	0.8	44.2	0.2	44.8
Total Dissolved Solids	mg/L	82	138	88	149
Turbidity	NTU	2.8	0.06	3.9	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

8/4/2014

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	0.016	0.011	0.300
Manganese	mg/L	<0.005	0.001	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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