



WATER QUALITY REPORT CITY OF GREENSBORO, NC

May 2014

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	27	28	31	37
Aluminum	mg/L	0.06	0.04	0.07	0.02
Calcium	mg/L	3.6	7.7	5.4	6.3
Carbon Dioxide	mg/L	5	2	8	5
Chloride	mg/L	15	22	16	28
Chlorine, Total	mg/L	-	3.13	-	3.13
Color	CU	7	1	11	<1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.10	0.60	0.09	0.10
Hardness, Total	mg/L	25	39	34	42
Iron	mg/L	0.08	0.02	0.28	0.02
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	1.8	1.9	2.1	2.1
Manganese	mg/L	0.04	<0.01	0.28	<0.01
Nitrate	mg/L	0.11	0.24	0.10	0.52
pH	pH units	7.2	8.1	6.9	8.1
Phosphorus, Total	mg/L	0.34	2.15	0.20	2.23
Potassium	mg/L	2.0	2.0	2.0	2.0
Sodium	mg/L	6.2	16.7	9.3	23.0
Specific Conductance	µmho	99	188	119	223
Sulfate	mg/L	1.5	19.0	1.0	18.5
Total Dissolved Solids	mg/L	61	106	68	124
Turbidity	NTU	3.0	0.06	4.8	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	0.014	0.011	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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