



WATER QUALITY REPORT CITY OF GREENSBORO, NC

September 2014

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	36	37	40	47
Aluminum	mg/L	0.04	0.04	0.02	0.02
Calcium	mg/L	5.7	10.2	7.2	8.6
Carbon Dioxide	mg/L	8	3	11	7
Chloride	mg/L	15	21	13	21
Chlorine, Total	mg/L	-	3.13	-	3.13
Color	CU	7	1	8	1
Copper	mg/L	<0.05	<0.05	0.02	<0.05
Fluoride	mg/L	0.13	0.64	0.14	0.13
Hardness, Total	mg/L	31	48	45	54
Iron	mg/L	0.08	0.01	0.21	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.7	2.5	4.9	2.9
Manganese	mg/L	0.14	<0.01	0.15	<0.01
Nitrate	mg/L	0.12	0.16	0.08	0.41
pH	pH units	7.2	8.2	6.9	8.3
Phosphorus, Total	mg/L	0.25	1.23	0.37	1.15
Potassium	mg/L	2.6	2.5	2.8	2.4
Sodium	mg/L	7.8	17.3	7.0	22.8
Specific Conductance	µmho	116	224	136	258
Sulfate	mg/L	0.4	42.0	0.6	41.6
Total Dissolved Solids	mg/L	62	119	70	134
Turbidity	NTU	2.5	0.07	2.8	0.08
Zinc	mg/L	0.11	<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	0.017	0.012	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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