



WATER QUALITY REPORT CITY OF GREENSBORO, NC

June 2012

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	31	34	35	43
Aluminum	mg/L	0.04	0.02	0.05	0.04
Calcium	mg/L	5.7	10.1	6.4	9.2
Carbon Dioxide	mg/L	2	2	8	4
Chloride	mg/L	8	15	7	17
Chlorine, Total	mg/L	-	2.89	-	2.90
Color	CU	12	3	14	5
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.11	0.50	0.12	0.39
Hardness, Total	mg/L	32	44	36	43
Iron	mg/L	0.06	0.01	0.16	0.02
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.5	2.5	2.8	2.6
Manganese	mg/L	0.16	0.01	0.23	<0.01
Nitrate	mg/L	0.20	0.29	0.23	0.48
pH	pH units	7.1	8.0	6.8	8.1
Phosphorus, Total	mg/L	0.20	2.52	0.14	2.79
Potassium	mg/L	2.6	2.5	2.6	2.5
Sodium	mg/L	5.4	16.7	5.9	19.7
Specific Conductance	µmho	99	189	96	197
Sulfate	mg/L	5.0	18.6	5.9	35.2
Total Dissolved Solids	mg/L	58	109	67	126
Turbidity	NTU	2.9	0.17	6.8	0.32
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

4/23/2012

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	0.014	0.300
Manganese	mg/L	0.008	0.012	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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