



WATER QUALITY REPORT CITY OF GREENSBORO, NC

January 2012

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	25	26	28	29
Aluminum	mg/L	0.14	0.02	0.11	0.03
Calcium	mg/L				
Carbon Dioxide	mg/L	2	2	6	5
Chloride	mg/L	7	14	6	11
Chlorine, Total	mg/L	-	3.14	-	3.09
Color	CU	9	1	16	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.11	0.70	0.09	0.08
Hardness, Total	mg/L	28	40	30	38
Iron	mg/L	0.24	<0.01	0.37	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L				
Manganese	mg/L	0.07	<0.01	0.07	<0.01
Nitrate	mg/L	0.33	0.41	0.39	0.45
pH	pH units	7.2	8.0	7.1	8.1
Phosphorus, Total	mg/L	0.16	3.13	0.16	2.41
Potassium	mg/L				
Sodium	mg/L				
Specific Conductance	µmho	58	118	80	173
Sulfate	mg/L	9.6	36.3	10.5	43.5
Total Dissolved Solids	mg/L	49	96	52	98
Turbidity	NTU	7.5	0.15	8.9	0.18
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

4/12/2011

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	0.002	0.005	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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