



WATER QUALITY REPORT CITY OF GREENSBORO, NC

August 2008

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	37	36	47	54
Aluminum	mg/L	0.08	0.05	0.15	0.05
Calcium	mg/L	9.4	12.8	12.4	24.4
Carbon Dioxide	mg/L	3	3	5	3
Chloride	mg/L	7	15	6	12
Chlorine, Free	mg/L	-	1.96	-	1.92
Color	CU	13	<1	20	<1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.14	0.70	0.14	0.92
Hardness, Total	mg/L	29	37	42	59
Iron	mg/L	0.06	<0.01	0.22	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.8	2.8	3.2	3.3
Manganese	mg/L	0.10	<0.01	0.41	<0.01
Nitrate	mg/L	0.15	0.35	0.31	0.51
pH	pH units	7.2	7.4	6.8	7.5
Phosphorus, Total	mg/L	0.02	0.36	0.04	0.22
Potassium	mg/L	2.4	2.4	2.6	2.6
Sodium	mg/L	3.7	13.7	3.6	14.2
Specific Conductance	µmho	80	126	105	187
Sulfate	mg/L	7.1	19.3	7.9	21.4
Total Dissolved Solids	mg/L	59	83	78	128
Turbidity	NTU	3.0	0.03	5.9	0.10
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

3/18/2008

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	<0.010	<0.010	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

Marie Shandor, Laboratory Supervisor

(336) 373-7527

marie.shandor@greensboro-nc.gov