

WATER QUALITY REPORT CITY OF GREENSBORO, NC

November 2007					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	33	34	44	49
Aluminum	mg/L	0.19	<0.01	0.30	0.05
Calcium	mg/L	8.0	9.5	9.2	14.3
Carbon Dioxide	mg/L	3	2	4	3
Chloride	mg/L	4	7	4	7
Chlorine, Free	mg/L	-	1.90	-	1.87
Color	CU	6	1	10	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.16	0.83	0.18	0.88
Hardness, Total	mg/L	28	32	38	46
Iron	mg/L	0.25	<0.01	0.28	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.7	2.7	2.8	2.8
Manganese	mg/L	0.15	<0.01	0.12	<0.01
Nitrate	mg/L	0.09	0.23	0.20	0.34
pH	pH units	7.2	7.5	6.7	7.4
Phosphorus, Total	mg/L	0.02	0.54	0.03	0.34
Potassium	mg/L	2.8	2.9	3.0	3.2
Sodium	mg/L	5.2	14.8	4.8	15.3
Specific Conductance	µmho	84	137	94	165
Sulfate	mg/L	7.7	24.7	8.7	25.8
Total Dissolved Solids	mg/L	55	83	56	94
Turbidity	NTU	5.5	0.01	6.1	0.03
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				
3/14/2007				
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