



WATER QUALITY REPORT CITY OF GREENSBORO, NC

January 2008

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	37	33	35	41
Aluminum	mg/L	0.28	<0.01	0.62	0.06
Calcium	mg/L	8.4	10.6	9.1	14.3
Carbon Dioxide	mg/L	4	3	4	3
Chloride	mg/L	5	11	6	8
Chlorine, Free	mg/L	-	1.68	-	1.66
Color	CU	6	<1	8	<1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.14	0.90	0.16	1.02
Hardness, Total	mg/L	27	32	39	47
Iron	mg/L	0.23	<0.01	0.42	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.4	2.6	2.6	2.6
Manganese	mg/L	0.13	<0.01	0.13	<0.01
Nitrate	mg/L	0.10	0.33	0.35	0.52
pH	pH units	6.9	7.5	6.7	7.4
Phosphorus, Total	mg/L	0.06	0.52	0.03	0.20
Potassium	mg/L	2.6	2.8	3.8	6.6
Sodium	mg/L	4.8	16.3	3.8	7.8
Specific Conductance	µmho	85	144	86	143
Sulfate	mg/L	7.9	28.0	10.2	24.3
Total Dissolved Solids	mg/L	58	94	60	89
Turbidity	NTU	5.3	0.01	7.7	0.02
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