



WATER QUALITY REPORT CITY OF GREENSBORO, NC

August 2013

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	33	33	33	40
Aluminum	mg/L	0.02	0.01	0.05	0.01
Calcium	mg/L	4.6	8.3	4.8	6.6
Carbon Dioxide	mg/L	2	1	9	4
Chloride	mg/L	6	15	5	12
Chlorine, Total	mg/L	-	3.08	-	3.09
Color	CU	14	1	16	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.09	0.62	0.12	0.69
Hardness, Total	mg/L	31	47	32	45
Iron	mg/L	0.08	0.01	0.25	0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.3	2.5	2.2	2.2
Manganese	mg/L	0.10	<0.01	0.16	<0.01
Nitrate	mg/L	0.17	0.20	0.17	0.50
pH	pH units	7.4	8.3	6.8	8.3
Phosphorus, Total	mg/L	0.42	2.06	0.36	1.64
Potassium	mg/L	2.1	2.4	2.5	2.8
Sodium	mg/L	4.4	16.3	3.8	19.6
Specific Conductance	µmho	97	201	96	220
Sulfate	mg/L	2.3	43.6	1.8	48.4
Total Dissolved Solids	mg/L	74	89	51	109
Turbidity	NTU	3.4	0.07	8.7	0.15
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	0.025	0.300
Manganese	mg/L	0.004	0.006	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