



WATER QUALITY REPORT CITY OF GREENSBORO, NC

August 2018

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	31	30	24	30
Aluminum	mg/L	0.18	0.02	0.24	<0.01
Calcium	mg/L	5.3	14.4	4.0	9.8
Carbon Dioxide	mg/L	5	4	9	7
Chloride	mg/L	9	13	7	13
Chlorine, Total	mg/L	-	2.97	-	3.00
Color	CU	8	<1	37	3
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.12	0.41	0.11	0.12
Hardness, (EDTA)	mg/L	31	61	26	39
Iron	mg/L	0.08	0.01	1.16	0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.6	2.6	1.8	2.1
Manganese	mg/L	0.04	<0.01	1.57	<0.01
Nitrate	mg/L	<1	<1	<1	0.48
PFOA	ng/L	6.5	6.5	5.8	7.4
PFOS	ng/L	41	40	33	46
pH	pH units	7.4	8.1	6.9	8.1
Phosphorus, Total	mg/L	0.05	0.90	0.17	0.80
Potassium	mg/L	2.7	2.6	3.1	3.2
Sodium	mg/L	7.2	15.0	3.8	24.9
Specific Conductance	µmho	113	235	92	219
Sulfate	mg/L	<1	43	<1	47
Total Dissolved Solids	mg/L	69	127	67	144
Turbidity	NTU	2.2	0.05	20.6	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

5/14/2018

PARAMETER	UNITS	TOWNSEND FINISHED	MITCHELL FINISHED	ALLOWABLE LIMIT
Antimony	mg/L	<0.003	<0.003	0.006
Arsenic	mg/L	<0.005	<0.005	0.010
Barium	mg/L	<0.400	<0.400	2.000
Beryllium	mg/L	<0.002	<0.002	0.004
Cadmium	mg/L	<0.001	<0.001	0.005
Chromium	mg/L	<0.020	<0.020	0.100
Cyanide, Total	mg/L	<0.050	<0.050	0.200
Iron	mg/L	<0.060	<0.060	0.300
Manganese	mg/L	<0.010	<0.010	0.050
Mercury	mg/L	<0.0004	<0.0004	0.002
Nickel	mg/L	<0.100	<0.100	N/A
Selenium	mg/L	<0.010	<0.010	0.050
Thallium	mg/L	<0.001	<0.001	0.002