



WATER QUALITY REPORT CITY OF GREENSBORO, NC

March 2019					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	22	22	21	24
Aluminum	mg/L	0.07	<0.01	0.38	<0.01
Calcium	mg/L	3.8	11.5	3.9	10.8
Carbon Dioxide	mg/L	5	4	8	6
Chloride	mg/L	7	11	6	9
Chlorine, Total	mg/L	-	2.96	-	3.00
Color	CU	49	<1	42	<1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.09	0.62	0.09	0.09
Hardness, (EDTA)	mg/L	26	52	26	48
Iron	mg/L	0.42	<0.01	0.64	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	1.7	1.8	1.7	1.7
Manganese	mg/L	0.03	<0.01	0.13	<0.01
Nitrate	mg/L	0.35	0.41	0.42	0.53
PFOA	ng/L	2.4	2.6	2.8	2.6
PFOS	ng/L	14	14	18	16
pH	pH units	7.2	8.1	7.0	8.1
Phosphorus, Total	mg/L	0.03	1.22	0.03	1.16
Potassium	mg/L	1.6	2.3	1.4	2.2
Sodium	mg/L	4.6	13.8	3.6	18.2
Specific Conductance	µmho/cm	76	187	73	180
Sulfate	mg/L	6.0	49	12.0	60
Total Dissolved Solids	mg/L	58	96	60	117
Turbidity	NTU	10.7	0.07	27.0	0.05
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