



WATER QUALITY REPORT CITY OF GREENSBORO, NC

November 2018					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	20	21	18	21
Aluminum	mg/L	0.18	<0.01	0.25	<0.01
Calcium	mg/L	2.8	15.6	2.9	19.3
Carbon Dioxide	mg/L	6	4	9	6
Chloride	mg/L	6	8	6	9
Chlorine, Total	mg/L	-	2.97	-	2.99
Color	CU	26	1	62	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.11	0.62	0.09	0.09
Hardness, (EDTA)	mg/L	24	55	24	67
Iron	mg/L	0.45	<0.01	1.27	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	1.5	1.6	1.6	1.7
Manganese	mg/L	0.06	<0.01	0.27	<0.01
Nitrate	mg/L	0.39	0.39	0.52	0.66
PFOA	ng/L	3.2	3.7	3.3	3.2
PFOS	ng/L	15	22	20	17
pH	pH units	7.0	8.1	6.9	8.1
Phosphorus, Total	mg/L	0.02	0.92	0.12	0.93
Potassium	mg/L	2.8	3.1	3.1	3.4
Sodium	mg/L	2.9	11.8	2.6	15.0
Specific Conductance	µmho	65	201	68	225
Sulfate	mg/L	2.0	54	3.0	71
Total Dissolved Solids	mg/L	45	118	74	160
Turbidity	NTU	7.7	0.06	35.7	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