



WATER QUALITY REPORT CITY OF GREENSBORO, NC

September 2018					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	29	31	22	28
Aluminum	mg/L	0.33	0.02	0.63	<0.01
Calcium	mg/L	4.4	14.2	3.6	9.0
Carbon Dioxide	mg/L	7	4	9	6
Chloride	mg/L	7	12	4	11
Chlorine, Total	mg/L	-	3.00	-	3.01
Color	CU	14	2	43	3
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.11	0.51	0.10	0.10
Hardness, (EDTA)	mg/L	29	62	26	40
Iron	mg/L	0.26	0.01	0.61	0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.4	2.4	1.8	2.1
Manganese	mg/L	0.14	<0.01	0.33	<0.01
Nitrate	mg/L	0.24	0.25	0.48	0.53
PFOA	ng/L	5.4	5.5	4.6	5.7
PFOS	ng/L	32	32	24	31
pH	pH units	7.2	8.1	6.7	8.1
Phosphorus, Total	mg/L	0.04	0.90	0.05	0.74
Potassium	mg/L	2.7	2.7	2.8	3.0
Sodium	mg/L	6.2	13.7	4.0	25.4
Specific Conductance	µmho	101	232	92	240
Sulfate	mg/L	<1	41	<1	49
Total Dissolved Solids	mg/L	82	134	68	142
Turbidity	NTU	5.5	0.06	26.7	0.09
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