City of Greensboro

2017 Water Quality Report City of Greensboro, NC

ANALYSES	UNITS	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		MAX.	MIN.	AVG.
		Townsend	Mitchell	Townsend	Mitchell	Townsend	Mitchell	Townsend	Mitchell	Townsend	Mitchell	Townsend	Mitchell	Townsend	Mitchell	Townsend	Mitchell	Townsend	Mitchell	Townsend	Mitchell	Townsend	Mitchell	Townsend	Mitchell			
ALKALINITY	mg/L	30	35	29	31	28	30	29	33	29	32	27	33	26	37	30	41	32	43	34	42	34	40	32	36	43	26	33
ALUMINUM	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	.02	<0.01	<0.01	<0.01	<0.01	<0.01	.02	<0.01	<0.01
ANTIMONY	mg/L	-	-	-	-	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	<0.001	<0.001
ARSENIC	mg/L	-	-	-	-	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	<0.005	<0.005
BARIUM	mg/L	-	-	-	-	<0.400	<0.400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.400	<0.400	<0.400
BERYLLIUM	mg/L	-	-	-	-	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	<0.001	<0.001
CADMIUM	mg/L	-	-	-	-	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	<0.001	<0.001
CALCIUM	mg/L	14.3	8.7	13.9	7.9	10.5	7.9	13.7	8.5	13.5	8.5	11.5	9.9	12.7	11.4	14.5	12.0	15.6	8.9	12.8	10.3	14.3	11.0	11.5	9.7	15.6	7.9	11.4
CARBON DIOXIDE	mg/L	4	6	4	6	4	6	4	7	4	6	4	6	3	6	4	6	4	6	4	6	4	6	4	6	7	3	5
CHLORIDE	mg/L	14.0	14.0	13.0	18.0	13.0	17.0	14.0	17.0	16.0	14.0	12.0	12.0	11.0	12.0	11.0	12.0	11.0	12.0	11.0	13.0	13.0	12.0	10.0	11.0	18.0	10.0	13.0
CHLORINE (TOTAL)	mg/L	2.97	2.94	2.96	2.93	2.95	2.92	2.90	2.95	2.95	2.94	2.94	2.95	2.93	2.96	2.96	2.96	2.94	2.98	2.96	2.95	2.94	2.98	2.95	2.95	2.98	2.90	2.95
CHROMIUM	mg/L	-	-	-	-	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	<0.005	<0.005
COLOR	mg/L	0.8	0.8	0.5	0.2	1.2	2.0	0.2	0.5	0.2	1.6	1.0	1.5	1.8	4.2	0.8	1.0	1.8	1.2	0.4	0.6	1.0	1.0	1.5	1.0	4.2	0.2	1.1
COPPER	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
CYANIDE, TOTAL	mg/L	-	-	-	-	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	<0.005	<0.005
FLUORIDE	mg/L	0.67	0.12	0.61	0.11	0.58	0.11	0.67	0.10	0.66	0.11	0.62	0.11	0.55	0.11	0.54	0.11	0.55	0.11	0.52	0.11	0.56	0.11	0.66	0.12	0.67	0.10	0.36
HARDNESS	mg/L	57	41	58	38	57	37	59	40	60	36	61	37	58	44	60	47	62	49	63	47	59	49	59	51	63	36	51
IRON	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
LEAD	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
MAGNESIUM	mg/L	2.2	2.4	2.3	2.2	2.0	2.2	2.2	2.3	2.3	2.1	2.4	2.6	2.3	2.3	2.4	2.5	2.2	2.1	2.2	2.3	2.3	2.6	2.4	2.4	2.6	2.0	2.3
MANGANESE	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
MERCURY	u mho/cm	-	-	-	-	<.0002	<.0002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<.0002	<.0002	<.0002
NICKEL	mg/L	-	-	-	-	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	<0.005	<0.005
NITRATE (AS N)	mg/L	0.26	0.26	0.11	0.24	0.16	0.28	0.15	0.34	0.21	0.93	0.20	0.59	0.23	0.60	0.22	0.45	0.35	0.74	0.36	1.06	0.30	0.76	0.28	0.45	1.06	0.11	0.40
pH	pH Units	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.1	8.0	8.1	8.0	8.1	8.0	8.1	8.0	8.1	8.0	8.1	8.0	8.1	8.1	8.0	8.0
PHOSPHORUS, TOTAL	mg/L	3.09	2.46	3.72	1.93	3.40	2.21	3.46	2.26	3.08	2.70	2.96	2.48	2.01	2.32	2.03	1.84	2.18	2.58	2.09	2.33	2.01	2.44	2.36	2.50	3.72	1.84	2.52
POTASSIUM	mg/L	2.1	2.4	2.4	2.6	2.2	2.5	2.2	2.3	2.3	2.4	2.5	2.5	2.7	3.0	2.6	2.8	2.4	2.2	2.6	2.6	2.6	2.7	2.4	2.5	3.0	2.1	2.5
SELENIUM	mg/L	-	-	-	-	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	<0.005	<0.005
SODIUM	mg/L	13.5	13.7	12.8	18.1	13.2	16.9	14.4	17.0	15.6	14.4	12.3	11.7	10.9	11.6	11.5	12.4	11.4	12.0	10.6	12.8	12.5	11.7	10.3	10.5	18.1	10.3	13.0
SPEC. CONDUCTANCE	µ mho/cm	202	201	193	209	194	202	202	207	212	206	203	227	199	224	206	217	208	208	206	202	203	211	204	217	227	193	207
SULFATE	mg/L	27.8	35.0	32.2	42.8	34.8	41.8	40.8	45.2	42.0	46.4	46.5	53.0	43.0	49.6	49.0	46.0	46.0	42.5	44.4	39.4	46.8	44.5	45.8	43.8	53.0	27.8	42.9
THALLIUM	mg/L	-	-	-	-	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	<0.001	<0.001
TOTAL DISS. SOLIDS	mg/L	107	120	130	123	120	112	130	136	122	126	113	136	108	105	118	131	108	120	132	135	108	114	118	117	136	105	120
TURBIDITY	NTU	.18	.12	.14	.12	.15	.12	.14	.09	.12	.11	.15	.12	.13	.13	.14	.13	.17	.12	.23	.11	.20	.10	.19	.10	.23	.09	.14
ZINC	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01