City of Greensboro

2002 Water Quality Averages

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	32	33	32	31	31	30	32	30	33	21	32	23	33	40	34	47	37	47	35	41	35	33	32	29	47	21	34
ALUMINUM	mg/L	0.07	0.11	0.14	0.07	0.09	0.08	0.12	0.10	0.09	0.05	0.18	0.04	0.11	0.01	0.10	0.01	0.09	0.02	0.04	0.01	0.10	0.02	0.01	0.03	0.18	0.01	0.14
ARSENIC	mg/L	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005
BARIUM	mg/L	.024	.027	.024	.027	.022	.019	.022	.019	.022	.019	.022	.019	.022	.019	.022	.019	.022	.019	.022	.019	.022	.019	.022	.019	.027	.019	.021
CADMIUM	mg/L	<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001
CALCIUM	mg/L	8.4	12.9	9.7	12.4	9.9	12.8	10.3	17.6	11.3	14.3	10.7	15.7	12.0	17.0	11.8	12.4	12.9	13.4	11.4	9.5	12.0	12.2	10.0	7.2	17.6	7.2	12.0
CARBON DIOXIDE	mg/L	3.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	4.0	7.0	3.0	6.0	4.0	5.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	7.0	3.0	3.9
CHLORIDE	mg/L	6.6	9.8	6.8	16.3	6.2	15.2	7.5	13.3	8.0	9.8	7.8	8.0	8.6	13.1	10.9	13.5	11.3	11.6	9.9	9.1	8.1	7.8	7.0	7.8	16.3	6.2	9.8
CHLORINE (FREE)	mg/L	1.50	1.56	1.50	1.53	1.49	1.58	1.51	1.53	1.36	1.24	1.50	1.38	1.81	1.81	1.82	1.80	1.80	1.81	1.80	1.80	1.57	1.62	1.48	1.53	1.82	1.24	1.60
CHROMIUM	mg/L	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005
COLOR	CU	0.8	1.4	<1.0	<1.0	<1.0	<1.0	3.4	1.5	<0.1	1.0	1.0	1.7	3.6	4.7	3.8	5.6	2.6	1.2	1.6	1.9	0.5	1.7	1.0	3.3	5.6	0.5	1.8
COPPER	mg/L	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	0.04	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	0.04	<.01	<.01
FLUORIDE	mg/L	0.78	1.01	0.95	0.81	0.91	0.91	0.84	0.92	0.93	0.81	0.92	0.79	0.87	0.82	0.83	0.19	0.92	0.14	0.97	0.11	0.91	0.10	0.90	0.08	1.01	0.08	0.78
HARDNESS	mg/L	43	48	41	47	39	47	39	51	40	47	39	50	40	56	41	51	44	44	44	44	41	42	41	38	56	38	44
IRON	mg/L	<.01	<.01	<.01	<.01	<.01	0.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	0.01	<.01	<.01
LEAD	mg/L	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01
MAGNESIUM	mg/L	2.4	2.5	2.3	2.4	2.3	2.4	2.2	2.7	2.5	2.9	2.5	3.1	2.8	3.8	2.8	3.3	2.6	3.0	2.6	2.6	2.4	2.5	2.2	2.3	3.3	2.2	2.6
MANGANESE	mg/L	<.01	<.01	<.01	<.01	<.01	<.01	0.10	<.10	<.01	<.01	0.15	0.43	<.01	<.01	0.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	0.43	<.01	0.03
MERCURY	mg/L	<.0002	<.0002	<.0002	<.0002	<.0002	<.0002	<.0002	<.0002	<.0002	<.0002	<.0002	<.0002	<.0002	<.0002	<.0002	<.0002	<.0002	<.0002	<.0002	<.0002	<.0002	<.0002	<.0002	<.0002	<.0002	<.0002	<.0002
NICKEL	mg/L	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005
NITRATE (AS N)	mg/L	0.22	0.22	0.26	0.38	0.36	0.29	0.15	0.13	0.14	0.12	0.16	0.17	0.22	0.51	0.25	0.39	0.22	0.54	0.16	0.39	0.13	0.266	0.16	0.25	0.54	0.12	0.25
pH	pH units	7.5	7.2	7.5	7.2	7.5	7.3	7.4	7.1	7.5	6.8	7.4	6.3	7.4	6.8	7.5	7.1	7.6	7.5	7.6	7.5	7.5	7.4	7.5	7.4	7.6	6.3	7.3
PHOSPHORUS, TOTAL	mg/L	0.18	0.27	0.26	0.28	0.17	0.31	0.13	0.28	0.14	0.25	0.23	0.26	0.41	0.37	0.45	0.31	0.31	0.37	0.33	0.40	0.30	0.23	0.25	0.21	0.45	0.13	0.28
POTASSIUM	mg/L	2.3	2.3	2.1	2.2	1.9	2.0	1.8	2.0	1.9	2.2	1.9	2.3	2.5	3.7	1.9	2.5	2.2	2.5	2.2	2.4	9.2	8.1	2.5	2.3	9.2	1.8	2.8
SELENIUM	mg/L	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005
SILVER	mg/L	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01
SODIUM	mg/L	7.8	7.2	7.0	8.0	7.0	8.1	6.2	6.8	6.4	6.8	7.4	9.4	10.1	25.2	10.4	19.3	10.9	16.3	10.0	14.9	7.6	7.3	7.6	11.2	25.2	6.2	10.0
SPEC. CONDUCTANCE	μ mho/cm	123	135	123	133	117	130	121	142	134	145	133	161	139	196	159	193	164	162	150	140	108	122	83	127	196	83	139
SULFATE	mg/L	17.2	18.5	15.0	14.0	14.6	14.7	15.3	16.9	19.0	25.1	18.9	47.0	11.8	44.0	27.5	20.6	20.6	19.7	17.7	19.5	18.1	20.2	18.2	20.5	27.5	11.8	20.6
TOTAL DISS. SOLIDS	mg/L	68	87	68	89	71	86	49	78	56	88	74	104	95	124	72	120	102	134	88	102	88	88	80	84	124	49	87
TURBIDITY	NTU	0.01	0.04	0.01	0.03	0.02	0.05	0.01	0.10	0.06	0.06	0.06	0.04	0.10	0.06	0.09	0.06	0.03	0.06	0.02	0.06	0.01	0.07	0.01	0.07	0.09	0.01	0.05
ZINC	mg/L	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01