154 CAPE FEAR RIVER BASIN

## 0209782520 WHITE OAK CREEK AT GREEN LEVEL, NC

LOCATION.--Lat 35°46'32", long 78°54'11", Wake County, Hydrologic unit 03030002, at bridge on Wimberly Road, 1.5 mi southwest of Green Level.

DRAINAGE AREA.--6.97  $\mathrm{mi}^2$ .

PERIOD OF RECORD.--Water years 1999 to current year.

REMARKS.--Station operated to define water quality as part of a six-county regional surface-water quality assessment.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

WAIGE-QUALITY DATA, WAIGE IGAN OCTOBER 2000 TO SEPTEMBER 2001													
DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
OCT 25	1225	.76	108	6.2	16.0	40	763	5.5	55	32	7.75	3.08	7.2
DEC 20	0900	2.7	87	6.6	2.3	75	762	12.0	87	20	4.90	2.01	6.3
FEB 21	0945	7.6	82	6.2	8.8	200	760	9.7	83	20	4.71	1.90	6.4
MAR 15 30	0930 0930	7.3 271	84 45	6.4 6.7	11.4 9.7	60 140	758 753	8.2 8.8	76 78	21 12	5.17 2.82	2.02 1.14	7.1 3.2
APR 12	1310	6.2	81	6.5	21.1	70		8.1		26	6.33	2.49	6.2
JUN 14 22	0845 0815	19 2.0	90 92	6.5 6.6	22.3 22.3		750 762	6.6 6.2	77 71	26 27	6.48 6.74	2.34 2.53	6.2 6.2
AUG 27	1415	.72	93	6.9	24.0	50	762	7.1	85	31	7.87	2.81	5.7
DATE	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICAR- BONATE IT-FLD (MG/L AS HCO3) (99440)	ANC WATER UNFLTRD IT FIELD MG/L AS CACO3 (00419)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)
OCT 25 DEC	30	.5	3.71	37	30	2.6	8.3	E.1	9.4	73	<.001	<.005	.012
20 FEB	35	.6	3.65	28	23	9.9	8.6	<.2	8.4	70	.001	.035	.002
21 MAR	38	.6	2.48	15	12	10.8	7.8	<.2	8.4	72	.001	.019	.008
15	39 33	.7	2.41	21 5.8	17 5	9.0 7.0	8.6 4.6	E.1 <.2	6.4 5.4	64 66	<.001	.014	.002 .018
APR 12	31	.5	2.91	26	21	5.4	6.8	E.1	6.0	82	.001	.010	.005
JUN 14	32	.5	2.64	34	28	5.2	6.4	E.2	5.0	76	.004	.058	.028
22 AUG	31	.5	2.47	36	29	4.0	6.2	.2	8.4	62	.001	.043	.026
27	27	. 4	1.96	40	32	2.6	4.6	E.1	7.6	80	.001	.019	.019
DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)
OCT 25 DEC	.43	.44		<.060	<.007	51	<2	<.11	<1	<2	<1.8	1130	<1
20 FEB	.44	.45	.48	E.038	<.007								
21 MAR	.42	.43	.45	<.060	E.005								
15 30	.39	.39	.41 .80	<.060 .065	.014 .016	200 988	<2 E1	<.11 <.11	M M	<2 <2	E1.2 3.8	1160 960	M 2
APR 12 JUN	.60	.60	.61	E.030	E.006	177	E1	<.11	<1	<2	2.2	1510	<1
14 22	.65 .53	.68 .56	.73 .60	.076	E.006 E.004	610	<2 	<.10	<1	E1 	1.8	3190	2
AUG 27	.54	.56	.58	<.060	<.007								

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## 0209782520 WHITE OAK CREEK AT GREEN LEVEL, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MOLYB- DENUM, TOTAL RECOV- ERABLE (UG/L AS MO) (01062)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
OCT										
25	297	< .14	<1.5	E1	<2.6	< .43	<31	10	5	.01
DEC										
20								10	15	.11
FEB 21								8.5	9	.19
MAR								0.5	9	.19
15	108	< .14	<1.5	E1	<2.6	< .43	<31	11	6	.12
30	71	< .14	<1.5	E2	<2.6	< .43	<31	13	74	54
APR										
12	111	< .14	<1.5	<2	<2.6	< .43	<31	12	12	.20
JUN				_						
14	292		<1.5	<2	<3.0	< .40	<31	13	72	3.7
22 AUG								12	20	.11
27								11	3	.01
~									3	.01