

CAPE FEAR RIVER BASIN

WATER-QUALITY RECORDS

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

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 2001 TO SEPTEMBER 2002

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, PH DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE (DEG C) (00010)	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)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	
OCT	11...	0845	.05	60	756	2.6	25	6.5	103	12.4	37	8.75	3.60	2.96
DEC	04...	0830	.43	100	768	6.6	55	6.7	182	7.9	27	6.41	2.62	3.43
JAN	20...	0830	291	240	767	11.4	86	6.0	67	4.1	14	3.18	1.39	3.79
FEB	13...	1415	4.6	80	766	8.7	73	6.7	22	8.0	19	4.52	1.94	2.44
APR	01...	0945	278	125	752	8.4	80	6.1	53	12.8	10	2.36	1.05	2.34
SEP	19...	0830	4.1	75	765	6.5	72	6.8	103	20.8	32	7.66	3.18	2.89
SEP	16...	1245	19	100	758	6.9	79	6.2	87	22.0	20	4.88	1.86	3.51

Date	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	ANC WATER UNFLTRD IT FIELD (MG/L AS CACO3) (00419)	BICAR-BONATE (MG/L AS HCO3) (99440)	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)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	
OCT	11...	5.87	36	44	6.07	E.1	11.2	1.4	84	.021	.53	<.013	<.002	<.007
DEC	04...	6.81	22	27	9.28	E.1	9.5	1.6	74	.039	.53	<.013	<.002	.010
JAN	20...	4.51	--	--	7.44	E.1	5.0	8.5	66	.030	.71	.242	.005	.025
FEB	13...	6.56	13	16	8.01	E.1	7.6	9.8	62	E.012	.44	.020	<.002	E.004
APR	01...	4.26	--	--	5.01	.1	6.4	6.3	61	E.011	.72	.068	.003	.013
SEP	19...	7.39	31	37	7.46	.1	6.0	3.9	80	.038	.61	.016	E.002	<.007
SEP	16...	6.07	8	9.5	6.82	E.1	8.0	14.6	77	<.015	.69	.10	.003	.016

Date	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	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)	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)	
OCT	11...	E.05	12.2	60	E1	<.1	<.8	4.2	E.7	2950	<1	1320	.01	<2
DEC	04...	E.04	9.6	--	--	--	--	--	--	--	--	--	--	--
JAN	20...	.10	12.0	1010	<2	<.1	E.7	<2.0	2.5	1120	2	136	.01	<2
FEB	13...	E.04	8.6	--	--	--	--	--	--	--	--	--	--	--
APR	01...	.08	15.5	580	<2	<.1	E.7	E1.1	2.0	910	2	124	.01	<2
SEP	19...	<.06	12.7	100	<2	<.1	<.8	<2.0	E1.2	1790	M	140	E.01	E1
SEP	16...	--	15.2	390	<2	<.1	<.8	E1.8	2.6	2220	1	326	.01	<2

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WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	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)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
OCT						
11...	<2.0	<2	<.3	<20	8.6	.0
DEC						
04...	--	--	--	--	3.2	.0
JAN						
20...	E1.3	<2	<.3	<20	85	66.7
FEB						
13...	--	--	--	--	11	.13
APR						
01...	E1.4	<2	<.3	E20	27	20.4
19...	<2.0	<2	<.3	E30	4.7	.05
SEP						
16...	E1.4	<2	<.3	30	39	2.0

Remark codes used in this report:

< -- Less than
E -- Estimated value
M -- Presence verified, not quantified