

0209172000 SANDY RUN AT SECONDARY ROAD 1301 NEAR CASTORIA, NC

LOCATION.--Lat 35°31'54", long 77°39'10", Greene County, Hydrologic Unit 03020203, at Secondary Road 1301 and 1.4 mi east, southeast of Castoria.

DRAINAGE AREA.--8.8 mi²

PERIOD OF RECORD.--Water years 2000 to current year.

REMARKS.--Station operated in cooperation with the U.S. Environmental Protection Agency and the North Carolina Department of Environment and Natural Resources as part of a long-term project to develop a multimedia integrated modeling system (MIMS).

WATER-QUALITY DATA, WATER YEAR 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)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (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)	SODIUM PERCENT (00932)
NOV 15...	1400	--	195	6.0	10.5	764	.1	1	44	11.0	4.00	7.3	19
JAN 18...	1045	--	131	6.3	8.3	770	--	--	39	10.0	3.30	7.5	26
FEB 07...	1045	--	125	6.1	5.4	774	2.0	15	35	9.20	2.90	7.4	28
APR 05...	1215	3.7	120	5.9	10.0	776	3.5	30	33	8.50	2.90	6.3	25
JUL 10...	1215	--	189	6.1	22.8	760	.1	1	44	12.0	3.40	5.5	19

DATE	RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	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 (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	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)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN, ORGANIC DIS-SOLVED (MG/L AS N) (00607)
NOV 15...	.5	18.0	2.2	27.0	.1	8.0	141	108	<.010	<.020	.310	1.2	.79
JAN 18...	.5	6.90	5.6	21.0	.1	5.1	98	80	<.010	<.020	.080	.80	.51
FEB 07...	.5	5.80	5.5	19.0	.1	2.6	108	68	<.010	<.020	<.010	--	--
APR 05...	.5	5.40	8.9	16.0	.1	1.9	87	64	<.010	.670	.052	.73	.61
JUL 10...	.4	6.50	1.4	15.0	.2	5.9	137	94	<.010	<.020	1.56	1.8	1.0

DATE	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	NITRO-GEN, DIS-SOLVED (MG/L AS N) (00602)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
NOV 15...	1.5	1.1	--	--	.780	.460	.470	6700	190	16
JAN 18...	.88	.59	--	--	.430	.180	.160	2800	100	9.7
FEB 07...	.64	.47	--	--	.150	.070	.080	1300	40.0	10
APR 05...	.78	.66	1.5	1.3	.070	.040	.050	620	17.0	11
JUL 10...	3.4	2.6	--	--	1.30	.870	.900	12500	190	17