

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 September 2002 (discontinued).

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 2001 TO SEPTEMBER 2002

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (MG/L) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE (DEG C) (00010)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SILICA, DIS-SOLVED (MG/L AS SI02) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
OCT 29...	1135	--	780	.3	3	5.7	155	10.1	19.0	7.50	.50	.12	E.90
DEC 19...	1355	3.2	763	.2	2	5.7	173	10.0	25.9	9.7	.9	.06	.98
FEB 22...	0815	E4.2	765	4.5	36	5.9	148	6.6	24.1	.3	8.4	E.02	.48
APR 08...	0945	3.9	776	2.0	17	5.6	122	10.6	17.1	2.3	6.1	E.04	.52
JUN 27...	1045	E3.2	766	.1	1	5.8	331	17.3	17.1	5.4	.5	.92	2.2

Date	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4) (71846)	NITRO-GEN DIS-SOLVED (MG/L AS N) (00602)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, ORGANIC DIS-SOLVED (MG/L AS N) (00607)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4) (00660)	PHOS-PHURUS DIS-SOLVED (MG/L AS P) (00666)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	IRON, DIS-SOLVED (UG/L AS FE) (01046)
OCT 29...	E1.2	.15	--	<.02	<.010	--	--	--	.399	E.16	.13	E.34	4920
DEC 19...	1.1	.08	--	<.05	<.008	.92	1.0	--	.279	.125	.09	.28	2970
FEB 22...	.68	--	.54	.06	<.008	--	--	.74	--	.039	E.01	.067	452
APR 08...	.70	--	--	<.05	<.008	--	--	--	.098	.053	.03	.097	703
JUN 27...	2.5	1.18	--	<.05	<.008	1.3	1.6	--	2.04	.73	.66	.93	13700

Remark codes used in this report:
 < -- Less than
 E -- Estimated value