01621050 MUDDY CREEK AT MOUNT CLINTON, VA

LOCATION.--Lat 38°29'12", long 78°57'37", NAD83, Rockingham County, Hydrologic Unit 02070005, on right downstream side of bridge on State Highway 726, at Mount Clinton.

DRAINAGE AREA.--14.2 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1993 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,320 ft above sea level, from topographic map.

REMARKS.--Records good except those for periods of doubtful gage-height record, Mar. 22-29 and Apr. 13-25, which are fair, and periods with ice effect, Dec. 3-13, Dec. 19 to Jan. 18, and Jan. 22-28, which are poor. Several measurements of water temperature were made during the year. Water-quality records for some prior periods have been collected at this location.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 150 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Apr 10	2345	*262	*4.50	No other peak greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.0	3.3	1.2	e.97	7.9	3.2	15	6.7	4.8	2.8	2.1	2.0
2	6.1	2.8	1.3	e.95	7.3	3.2	16	6.2	4.6	2.8	1.8	.97
3	5.7	3.1	e1.1	e.92	6.6	3.0	13	5.7	4.3	2.6	1.6	.87
4	5.4	2.5	e.95	e.90	6.3	3.5	12	5.4	4.2	2.6	1.8	.83
5	5.0	2.5	e.94	e1.0	6.0	4.5	12	5.3	7.8	2.4	1.6	.71
6	4.4	2.5	e.97	e1.0	5.8	3.8	11	5.0	4.8	2.1	1.7	.63
7	3.7	2.7	e.96	e1.1	5.6	3.7	11	4.8	5.0	2.0	1.6	.63
8	3.1	2.6	e.98	e1.1	5.3	3.6	10	4.8	4.5	2.8	1.5	.64
9	3.0	3.6	e.97	e1.0	5.2	3.6	9.9	4.6	4.2	2.4	1.5	.65
10	2.8	8.4	e1.0	e1.0	5.0	3.2	30	4.4	4.0	1.9	1.7	1.2
11	2.3	3.2	e1.0	e1.1	4.8	3.2	66	4.1	3.8	1.8	2.4	1.4
12	2.1	2.1	e1.1	e1.2	4.8	3.0	29	4.0	3.7	1.1	12	.76
13	2.1	1.6	e1.2	e1.1	4.8	3.7	24	3.8	7.0	.72	9.9	.59
14	2.1	1.5	5.9	e1.0	4.7	4.5	e21	3.7	5.3	.73	3.6	.65
15	2.2	1.4	4.8	e1.1	4.4	4.7	e20	3.7	4.8	1.6	2.3	.68
16	2.0	1.4	4.2	e1.2	4.5	5.4	e19	3.8	4.9	1.1	1.8	.57
17	2.0	1.4	13	e1.1	4.7	5.1	e18	3.9	4.0	1.3	1.5	.51
18	2.5	1.4	6.6	e1.2	3.8	4.8	e16	4.0	3.7	1.7	1.2	.45
19	2.8	1.4	e4.2	4.2	3.8	4.8	e15	7.4	3.7	2.9	1.7	.47
20	2.8	1.4	e1.8	7.1	3.7	4.8	e14	5.0	3.7	1.7	2.8	.56
21	2.8	1.4	e1.1	5.7	3.5	34	e13	6.1	4.0	1.6	1.5	.60
22	3.4	1.4	e1.0	e4.5	3.5	e21	e12	9.1	3.7	1.5	1.4	.43
23	3.7	1.4	e.96	e3.9	4.0	e14	e11	9.6	3.7	1.5	1.9	.41
24	3.9	1.3	e.92	e4.2	3.9	e11	e9.8	6.3	3.5	1.4	2.1	.59
25	4.1	2.0	e.99	e3.7	4.2	e10	e8.9	6.7	3.2	1.4	1.3	1.4
26	3.9	3.9	e.96	e3.4	3.7	e9.2	8.4	7.7	3.1	1.5	3.3	.46
27	3.7	2.1	e.98	e3.2	3.3	e8.0	8.3	6.0	2.9	1.7	2.8	.39
28	3.9	1.4	e.99	e3.0	3.2	e7.0	7.8	5.5	2.9	.82	1.3	.39
29	4.1	1.4	e.98	5.2	---	e13	7.3	5.1	2.8	4.6	1.0	.42
30	3.5	1.4	e.96	13	---	27	7.0	4.9	2.8	3.7	1.2	.41
31	3.7	---	e.96	9.2	---	16	---	4.8	---	2.6	1.1	---
TOTAL	109.8	68.5	64.97	89.24	134.3	249.5	475.4	168.1	125.4	61.37	75.0	21.27
MEAN	3.54	2.28	2.10	2.88	4.80	8.05	15.8	5.42	4.18	1.98	2.42	.71
MAX	7.0	8.4	13	13	7.9	34	66	9.6	7.8	4.6	12	2.0
MIN	2.0	1.3	.92	.90	3.2	3.0	7.0	3.7	2.8	.72	1.0	.39
CFSM	.25	.16	.15	.20	.34	.57	1.12	.38	.29	.14	.17	.05
IN.	.29	.18	.17	.23	.35	.65	1.25	.44	.33	.16	.20	.06

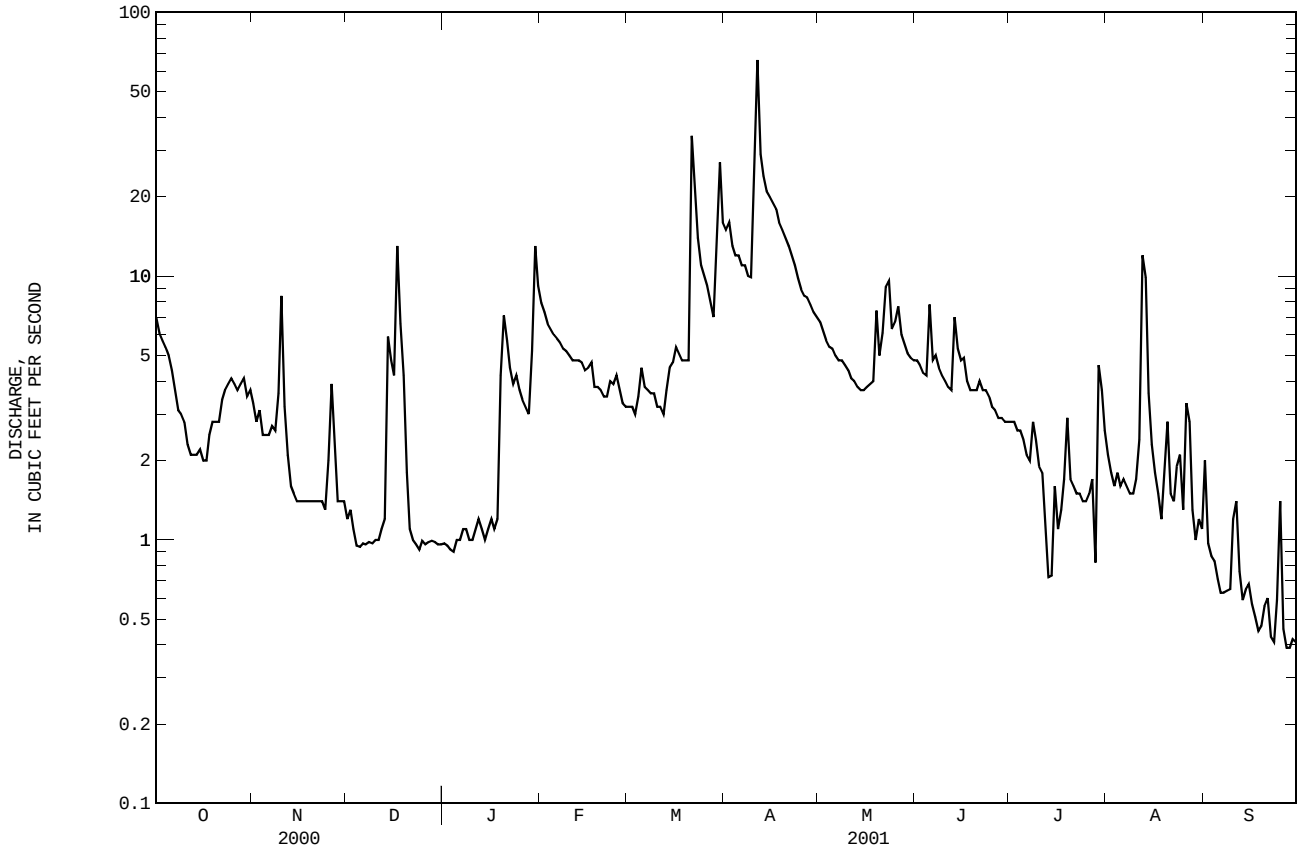
01621050 MUDDY CREEK AT MOUNT CLINTON, VA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2001, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	7.02	5.98	8.67	18.4	18.3	19.8	11.3	9.70	9.43	6.64	8.03	14.5
MAX	22.1	19.3	37.5	66.9	63.5	44.0	19.9	22.7	29.9	16.1	33.8	105
(WY)	1996	1997	1997	1996	1998	1998	1998	1998	1996	1995	1996	1996
MIN	1.88	1.65	1.31	2.25	3.50	4.61	2.64	2.30	1.01	1.20	1.30	.71
(WY)	1999	1999	1999	2000	1999	2000	1999	1999	1999	1999	1999	2001

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1993 - 2001	
ANNUAL TOTAL	1851.57		1642.85			
ANNUAL MEAN	5.06		4.50		11.7	
HIGHEST ANNUAL MEAN					30.0	1996
LOWEST ANNUAL MEAN					2.97	1999
HIGHEST DAILY MEAN	61	Jun 14	66	Apr 11	1760	Sep 6 1996
LOWEST DAILY MEAN	.92	Dec 24	.39	aSep 27	.39	Sep 27 2001
ANNUAL SEVEN-DAY MINIMUM	.97	Dec 4	.49	Sep 17	.49	Sep 17 2001
MAXIMUM PEAK FLOW			262	Apr 10	3850	Sep 6 1996
MAXIMUM PEAK STAGE			4.50	Apr 10	10.37	Sep 6 1996
INSTANTANEOUS LOW FLOW			.38	bSep 20	.29	Jun 24 1999
ANNUAL RUNOFF (CFSM)	.36		.32		.82	
ANNUAL RUNOFF (INCHES)	4.85		4.30		11.21	
10 PERCENT EXCEEDS	10		9.7		23	
50 PERCENT EXCEEDS	3.2		3.2		4.9	
90 PERCENT EXCEEDS	1.4		.96		1.6	

a Also Sept. 28, 2001.
b Also on 11 other days in Sept., 2001.
e Estimated.



WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1993 to current year.

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

DATE	TIME	SAMPLE TYPE	TEMPER-ATURE WATER (DEG C) (00010)	TEMPER-ATURE AIR (DEG C) (00020)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	GAGE HEIGHT (FEET) (00065)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
OCT												
03...	1630	ENVIRONMENTAL	20.0	26.5	728	USGS	USGS	5.6	2.70	483	11.3	130
NOV												
15...	1400	ENVIRONMENTAL	9.0	6.5	727	USGS	USGS	1.4	2.63	479	15.7	143
DEC												
13...	1330	ENVIRONMENTAL	1.4	-2.0	740	USGS	USGS	E1.2	2.62	492	15.4	111
JAN												
23...	1015	ENVIRONMENTAL	.5	-3.0	735	USGS	USGS	E3.9	2.66	492	14.2	102
FEB												
21...	1600	ENVIRONMENTAL	11.6	8.5	730	USGS	USGS	3.2	2.64	446	14.4	138
MAR												
08...	1345	ENVIRONMENTAL	8.0	8.5	725	USGS	USGS	3.2	2.64	433	15.9	141
APR												
10...	1300	ENVIRONMENTAL	18.4	23.5	728	USGS	USGS	11	2.83	440	14.2	159
MAY												
08...	1330	ENVIRONMENTAL	18.6	21.5	734	USGS	USGS	4.8	2.65	435	12.6	140
JUN												
13...	1600	BLANK	--	--	--	USGS	USGS	--	--	--	--	--
13...	1645	ENVIRONMENTAL	21.4	23.0	726	USGS	USGS	17	2.96	391	4.8	57
JUL												
11...	1300	BLANK	--	--	--	USGS	USGS	--	--	--	--	--
11...	1415	ENVIRONMENTAL	27.0	26.5	724	USGS	USGS	1.8	2.53	440	12.9	171
AUG												
22...	1300	ENVIRONMENTAL	24.0	25.5	733	USGS	USGS	1.4	2.57	467	12.9	160
22...	1301	REPLICATE	--	--	--	USGS	USGS	--	--	--	--	--
22...	1302	SEDIMENT REPLICATE	--	--	--	USGS	USGS	--	--	--	--	--
SEP												
06...	1445	ENVIRONMENTAL	24.6	26.0	732	USGS	USGS	.63	2.52	450	13.4	168

DATE	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	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)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	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)	NITRO-GEN, TOTAL (MG/L AS N) (00600)
OCT													
03...	8.5	57.3	25.3	4.38	4.7	--	--	--	9.4	<.1	4.3	12.6	6.5
NOV													
15...	8.4	60.2	24.1	4.43	3.9	230	2	275	9.3	E.1	4.8	11.9	4.6
DEC													
13...	8.4	59.7	24.0	3.56	3.6	--	--	--	7.7	E.1	3.0	12.0	4.7
JAN													
23...	8.0	64.1	23.6	4.49	4.8	--	--	--	9.9	E.1	4.6	16.4	6.1
FEB													
21...	8.3	55.5	22.1	3.13	3.9	--	--	--	8.9	E.1	.7	13.1	4.8
MAR													
08...	8.1	56.9	21.3	3.11	3.6	--	--	--	7.8	E.1	1.2	13.0	4.2
APR													
10...	8.7	55.1	20.5	4.46	4.4	186	11	205	9.2	E.1	1.1	13.6	6.4
MAY													
08...	8.5	51.0	22.7	3.17	3.9	190	7	217	8.4	E.1	2.5	11.8	6.0
JUN													
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
13...	7.4	34.7	13.9	<.90	4.4	127	.0	155	14.5	E.1	4.9	17.6	10
JUL													
11...	--	E.01	<.008	<.09	<.1	--	--	--	.2	<.2	<.1	<.1	--
11...	8.5	52.3	23.6	4.68	4.0	--	--	--	8.9	E.1	6.1	9.3	4.2
AUG													
22...	8.4	55.5	23.7	5.01	4.1	213	10	240	10.3	E.1	3.3	10.8	4.2
22...	--	55.2	23.6	5.01	4.1	--	--	--	9.9	E.1	3.2	10.7	4.2
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
06...	8.3	52.6	23.8	4.70	3.8	217	.0	265	9.5	E.1	3.0	10.0	--

01621050 MUDDY CREEK AT MOUNT CLINTON, VA--Continued

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

DATE	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)
OCT													
03...	<.020	.23	.38	6.12	.019	.051	.039	.077	292	--	20	6.6	--
NOV													
15...	<.041	.21	.26	4.37	.023	.062	.047	.070	280	--	10	9.3	--
DEC													
13...	<.041	.22	.24	4.42	.014	.022	E.010	.028	260	--	M	4.7	--
JAN													
23...	E.021	.39	.43	5.65	.030	.050	.033	.063	292	<2.0	20	17.7	<15
FEB													
21...	<.041	.25	.30	4.48	.027	.031	.026	.043	244	<2.0	20	17.0	<15
MAR													
08...	<.041	.29	.27	3.97	.018	.022	E.012	.038	256	<2.0	20	19.2	<15
APR													
10...	E.023	.50	.72	5.66	.043	.061	.042	.129	262	<2.0	20	26.9	<15
MAY													
08...	<.041	.20	.40	5.57	.070	.042	.019	.065	238	<2.0	30	17.4	<15
JUN													
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
13...	.765	3.5	6.0	4.18	.376	1.20	.978	2.59	258	2.1	90	197	<15
JUL													
11...	E.032	<.10	E.04	<.050	<.006	<.006	<.020	<.004	<10	<2.0	<10	<3.0	<15
11...	E.021	.41	.52	3.69	.031	E.004	.094	.142	268	E1.3	30	11.3	<15
AUG													
22...	E.022	.40	.43	3.75	.021	.102	.074	.120	272	E1.2	30	15.4	<15
22...	E.029	.37	.42	3.74	.021	.102	.070	.122	273	E1.4	20	15.0	<15
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
06...	<.040	E.38	.42	E2.84	E.021	E.101	E.076	.112	265	E1.3	20	12.0	E9

DATE	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	MERCURY DISSOLVED (UG/L AS HG) (71890)	PROPACHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYLATE, WATER, DISS, REC (UG/L) (04028)	SIMAZINE, WATER, DISS, REC (UG/L) (04035)	PROMETON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRAZINE, WATER, DISS, REC (UG/L) (04040)	CYANAZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DISSOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLORPYRIFOS DISSOLVED (UG/L) (38933)	LINDANE DISSOLVED (UG/L) (39341)
OCT													
03...	--	--	<.010	<.002	.070	E.004	E.199	<.018	<.003	<.005	<.003	<.005	<.004
NOV													
15...	--	--	<.010	<.002	.037	E.004	E.116	<.018	<.003	<.005	<.003	<.005	<.004
DEC													
13...	--	--	<.010	<.002	.031	E.002	E.125	<.018	<.003	<.005	<.003	<.005	<.004
JAN													
23...	<2.4	<.23	<.010	<.002	.028	<.015	E.115	<.018	<.003	<.005	E.002	<.005	<.004
FEB													
21...	<2.4	<.23	<.010	<.002	.028	<.015	E.148	<.018	<.003	<.005	<.003	<.005	<.004
MAR													
08...	<2.4	<.23	<.010	<.002	.021	<.015	E.087	<.018	<.003	<.005	<.003	<.005	<.004
APR													
10...	<2.4	<.01	<.010	<.002	.026	<.015	E.095	<.018	<.003	<.005	<.003	<.005	<.004
MAY													
08...	<2.4	<.01	<.010	<.002	.051	E.003	E.138	<.018	<.003	<.005	<.003	<.005	<.004
JUN													
13...	--	--	<.010	<.002	<.011	<.015	<.006	<.018	<.003	<.005	<.003	<.005	<.004
13...	<2.0	<.01	<.010	<.002	.608	<.015	E.315	<.018	<.003	<.005	<.003	.007	<.004
JUL													
11...	<2.0	--	--	--	--	--	--	--	--	--	--	--	--
11...	<2.0	--	<.010	<.002	.076	<.015	E.137	<.018	<.003	<.005	<.003	<.005	<.004
AUG													
22...	<2.0	<.01	<.010	<.002	.052	E.004	E.084	<.018	<.003	<.005	<.003	<.005	<.004
22...	<2.0	<.01	<.010	<.002	.049	E.005	E.081	<.018	<.003	<.005	<.003	<.005	<.004
22...	--	--	.141	.122	.168	.126	E.125	.132	.096	.110	.075	.124	.111
SEP													
06...	<2.0	<.01	<.010	<.002	.042	<.015	E.100	<.018	<.003	<.005	<.003	<.005	<.004

01621050 MUDDY CREEK AT MOUNT CLINTON, VA--Continued

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

DATE	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	MALA-THION, DIS-SOLVED (UG/L) (39532)	PARA-THION, DIS-SOLVED (UG/L) (39542)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, (ESA) WAT FLT GF 0.7U REC (UG/L) (50009)	ACETO-CHLOR ESA FLTRD 0.7 UM GF REC (UG/L) (61029)	ACETO-CHLOR OA FLTRD 0.7 UM GF REC (UG/L) (61030)	ALA-CHLOR OA FLTRD 0.7 UM GF REC (UG/L) (61031)	METOLA-CHLOR ESA FLTRD 0.7 UM GF REC (UG/L) (61043)
OCT													
03...	<.005	E.004	<.027	<.007	<.005	.147	<.002	<.004	--	--	--	--	--
NOV													
15...	<.005	<.013	<.027	<.007	<.005	.092	<.002	<.004	--	--	--	--	--
DEC													
13...	<.005	<.013	<.027	<.007	<.005	.076	<.002	<.004	--	--	--	--	--
JAN													
23...	<.005	E.001	<.027	<.007	<.005	.072	<.002	<.004	<.050	<.05	<.05	<.05	.31
FEB													
21...	<.005	<.013	<.027	<.007	<.005	.069	<.002	<.004	<.050	<.05	<.05	<.05	.24
MAR													
08...	<.005	<.013	<.027	<.007	<.005	.052	<.002	<.004	<.050	<.05	<.05	<.05	.19
APR													
10...	<.005	E.001	<.027	<.007	<.005	.066	<.002	<.004	<.050	<.05	<.05	<.05	.32
MAY													
08...	<.005	E.010	<.027	<.007	<.005	.107	<.002	<.004	<.050	<.05	<.05	<.05	.31
JUN													
13...	<.005	<.013	<.027	<.007	<.005	<.007	<.002	<.004	--	--	--	--	--
13...	<.005	.072	<.027	<.007	.008	1.55	<.002	<.004	<.050	<.05	<.05	<.05	.35
JUL													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	<.005	E.005	<.027	<.007	<.005	.230	<.002	<.004	<.050	<.05	<.05	<.05	.43
AUG													
22...	<.005	E.004	<.027	<.007	<.005	.123	<.002	<.004	.060	<.05	<.05	<.05	.32
22...	<.005	E.004	<.027	<.007	<.005	.118	<.002	<.004	--	--	--	--	--
22...	.104	.131	.088	.135	.116	.228	.127	.123	--	--	--	--	--
SEP													
06...	<.005	<.013	<.027	<.007	<.005	.102	<.002	<.004	<.060	<.05	<.05	<.05	.10

DATE	METOLA-CHLOR OA FLTRD 0.7 UM GF REC (UG/L) (61044)	DIMETH-ENAMID, ESA, WAT FLT (UG/L) (61951)	FLUFEN-ACET, ESA, WAT FLT (UG/L) (61952)	DIMETH-ENAMID OXA, WATER FLT, REC (UG/L) (62482)	FLUFE-NACET OXA WATER FLT, REC (UG/L) (62483)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
OCT													
03...	--	--	--	--	--	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
NOV													
15...	--	--	--	--	--	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
DEC													
13...	--	--	--	--	--	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
JAN													
23...	.06	--	--	--	--	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
FEB													
21...	<.05	--	--	--	--	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
MAR													
08...	<.05	<.05	<.05	<.0500	<.0500	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
APR													
10...	.07	<.05	<.05	<.0500	<.0500	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
MAY													
08...	<.05	<.05	<.05	<.0500	<.0500	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
JUN													
13...	--	--	--	--	--	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
13...	.18	<.05	<.05	<.0500	<.0500	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
JUL													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	.05	<.05	<.05	<.0500	<.0500	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
AUG													
22...	.05	<.05	<.05	<.0500	<.0500	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
22...	--	--	--	--	--	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
22...	--	--	--	--	--	.106	.108	.087	.132	.070	E.115	.114	.124
SEP													
06...	<.05	<.05	<.05	<.0500	<.0500	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006

01621050 MUDDY CREEK AT MOUNT CLINTON, VA--Continued

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

DATE	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)
OCT													
03...	<.002	<.002	E.012	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041
NOV													
15...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041
DEC													
13...	<.002	<.002	E.003	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041
JAN													
23...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041
FEB													
21...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041
MAR													
08...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041
APR													
10...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041
MAY													
08...	<.002	<.002	E.008	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041
JUN													
13...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041
13...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	E.008
JUL													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	<.002	<.002	E.006	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041
AUG													
22...	<.002	<.002	E.006	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041
22...	<.002	<.002	E.007	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041
22...	.127	.122	E.184	.125	.114	.102	E.120	.106	.126	E.080	.109	.134	E.108
SEP													
06...	<.002	<.002	E.004	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041

DATE	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	DIAZ-INON D10 SRG WAT FLT 0.7 U GF, REC PERCENT (91063)	HCH ALPHA D6 SRG WAT FLT 0.7 U GF, REC PERCENT (91065)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	DATA BASE NUMBER
OCT											
03...	<.005	<.003	<.010	<.007	<.023	<.050	<.006	110	106	5	01
NOV											
15...	<.005	<.003	<.010	<.007	<.023	<.050	<.006	98	95	M	01
DEC											
13...	<.005	<.003	<.010	<.007	<.023	<.050	<.006	99	87	15	01
JAN											
23...	<.005	<.003	<.010	<.007	<.023	<.050	<.006	99	93	M	01
FEB											
21...	<.005	<.003	<.010	<.007	<.023	<.050	<.006	88	88	3	01
MAR											
08...	<.005	<.003	<.010	<.007	<.023	<.050	<.006	82	87	7	01
APR											
10...	<.005	<.003	<.010	<.007	<.023	<.050	<.006	95	83	22	01
MAY											
08...	<.005	<.003	<.010	<.007	<.023	<.050	<.006	124	95	10	01
JUN											
13...	<.005	<.003	<.010	<.007	<.023	<.050	<.006	93	89	--	02
13...	<.005	<.003	<.010	<.007	<.023	<.050	<.006	109	92	494	01
JUL											
11...	--	--	--	--	--	--	--	--	--	--	02
11...	<.005	<.003	<.010	<.007	<.023	<.050	<.006	122	98	121	01
AUG											
22...	<.005	<.003	<.010	<.007	<.023	<.050	<.006	119	109	126	01
22...	<.005	<.003	<.010	<.007	<.023	<.050	<.006	117	106	111	02
22...	.115	.129	.122	.133	.100	E.161	.059	108	102	--	02
SEP											
06...	<.005	<.003	<.010	<.007	<.023	<.050	<.006	111	98	3	01

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

Null value remark codes used in this report:
M -- Presence verified, not quantified