

APPENDIX D

**1998 Submerged Aquatic Vegetation Ground-Survey Data Listed by USGS 7.5 Minute
Quadrangle and by 1998 Bed**

KEY

* Abbreviations under column “Species” are as follows:

Zm	-	<i>Zostera marina</i> (eelgrass)
Rm	-	<i>Ruppia maritima</i> (widgeon grass)
C	-	<i>Chara</i> sp. (muskgrass)
Cd	-	<i>Ceratophyllum demersum</i> (coontail)
Cl	-	<i>Callitriche</i> sp. (water-starwort)
Ec	-	<i>Elodea canadensis</i> (common elodea)
Ed	-	<i>Egeria densa</i> (water-weed)
Hd	-	<i>Heteranthera dubia</i> (water stargrass)
Hv	-	<i>Hydrilla verticillata</i> (hydrilla)
Ms	-	<i>Myriophyllum spicatum</i> (Eurasian watermilfoil)
N	-	<i>Najas</i> sp. (naiad)
Nfl	-	<i>Najas flexilis</i> (northern naiad)
Ngr	-	<i>Najas gracillima</i> (slender naiad)
Ngu	-	<i>Najas guadalupensis</i> (southern naiad)
Nm	-	<i>Najas minor</i> (no common name)
Nt	-	<i>Nitella</i> sp. (muskgrass)
Pcr	-	<i>Potamogeton crispus</i> (curly pondweed)
Pe	-	<i>Potamogeton epihydrus</i> (leafy pondweed)
Pn	-	<i>Potamogeton nodosus</i>
Ppc	-	<i>Potamogeton pectinatus</i> (sago pondweed)
Ppf	-	<i>Potamogeton perfoliatus</i> (redhead-grass)
Ppu	-	<i>Potamogeton pusillus</i> (slender pondweed)
S	-	<i>Sparganium</i> sp. (bureed)
Tn	-	<i>Trapa natans</i> (water chestnut)
Va	-	<i>Vallisneria americana</i> (wild celery)
Zp	-	<i>Zannichellia palustris</i> (horned pondweed)
U	-	Unknown species composition

** Abbreviations under column “Surveyor” are as follows:

ACB	-	Alliance for the Chesapeake Bay
ACOE	-	U.S. Army Corps of Engineers, Baltimore District
APG	-	Aberdeen Proving Ground, U.S. Army (USAEC/ARL)
CBL	-	Chesapeake Biological Laboratory, University of Maryland
CBF	-	Chesapeake Bay Foundation
CBYCC	-	Chesapeake Bay Youth Conservation Corps
Citizen	-	Citizens Field Observation
CRA	-	Chester River Association
EPA	-	United States Environmental Protection Agency
FOMC	-	Friends of Mattawoman Creek
Harford	-	Harford Community College
HPEL	-	Horn Point Environmental Lab
JBWG	-	Jug Bay Wetlands Sanctuary
LMWG	-	Lancaster/Morratico Watershed Group
MD-DNR	-	Maryland Department of Natural Resources
MU	-	Millersville University, Biology
NAIB	-	National Aquarium in Baltimore
NOAA	-	National Oceanographic Atmospheric Administration
Ocean Pines	-	Ocean Pines Yacht Club
PRP	-	Maryland National Park & Planning Commission, Patuxent River Park
RRRC	-	Rappahannock River Resource Council
Students	-	Students of Calvert, Plum Point, South, and Northern middle schools
SSU	-	Salisbury State University
USFWS	-	United States Fish and Wildlife Service
USGS	-	United States Geological Survey
VIMS	-	Virginia Institute of Marine Science

APPENDIX D

1998 Submerged Aquatic Vegetation Ground-Survey Data Listed by USGS 7.5 Minute Quadrangle

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
002	E3	Hv, Ms, Va, U	MU	10/06/98	CB1TF
	E3	Hv, Ms, Va	MU	10/06/98	CB1TF
	E3	Ms, Hv, Cd, Va	Harford	09/14/98	CB1TF
	C3	Ms	Harford	09/14/98	CB1TF
	A3	Ms, Hv, Cd	Harford	09/14/98	CB1TF
003	A1	Cd, Hv, Ms, Va	Citizen	08/03/98	CB1TF
	G4	Ec, Hv, Ms, Va	MU	10/19/98	CB1TF
	H4	Cd, Ec, Hv, Ms, Va	Citizen	09/26/98	CB1TF
	N4	Va	MU	10/19/98	CB1TF
	R4	Ec, Hv	MU	10/19/98	CB1TF
	R4	Ec, Hv	MU	10/19/98	CB1TF
	T3	Cd, Ec, Hv, Va	MU	10/19/98	CB1TF
	DB4	Hv, Ms	Citizen	09/26/98	CB1TF
	NB1	Ms, Zp	Citizen	08/02/98	CB1TF
	QB1	Ms	Harford	09/23/98	NORTF
	PB1	Ms	Harford	09/23/98	NORTF
	OB1	Ms	Harford	09/23/98	NORTF
	MB1	Ms, Va	Harford	09/23/98	CB1TF
	MB1	Ms	Harford	09/23/98	CB1TF
	LB2	Ms, Va	Harford	09/23/98	CB1TF
	KB4	Ms, Cd, Nm, Va, Hd	Harford	09/23/98	CB1TF
	HB1	Ms, Hv, Hd, Cd	Harford	09/23/98	CB1TF
	HB1	Hv, Hd, Ms, Va	Harford	09/23/98	CB1TF
	GB2	Hv, Va, Cd, Ms, Hd	Harford	10/09/98	CB1TF
	FB4	Hv, Ms, Va, Cd	Harford	09/23/98	CB1TF
	FB4	Va, Ms, Hv, Hd, Pn	Harford	10/09/98	CB1TF
	FB4	Va, Ms, Hv, Cd, N	Harford	10/09/98	CB1TF
	FB4	Va, Ms, Hv	Harford	10/09/98	CB1TF
	FB4	Va, Ms, Cd, Hv, N, Hd	Harford	10/09/98	CB1TF
	EB2	Ms, Hv	Harford	10/09/98	CB1TF
	DB4	Hv, Ms, Cd	Harford	10/09/98	CB1TF
	CB4	Ms, Hv	Harford	10/09/98	CB1TF
	ZA4	Ms, Hv	Harford	09/14/98	CB1TF
	YA4	Ms, Hv, Cd, N	Harford	09/14/98	CB1TF
	PA4	Hv, Ms, Cd, Nm	Harford	09/14/98	CB1TF
	PA4	Ms, Hv, Cd	Harford	09/14/98	CB1TF
	PA4	Ms, Hv, Cd	Harford	09/14/98	CB1TF
	OA3	Ms, Cd, Hv	Harford	09/14/98	CB1TF
	NA4	Ms, Hv, Cd	Harford	09/14/98	CB1TF
	NA4	Hv, Ms, Cd	Harford	09/14/98	CB1TF
	NA4	Hv, Ms, Cd	Harford	09/14/98	CB1TF
	MA4	Ms, Cd	Harford	09/14/98	CB1TF
	LA4	Hv, Cd, Ms, Hd	Harford	09/14/98	CB1TF
	KA3	Ms, Hv	Harford	09/14/98	CB1TF
	EA4	Ms, Hv, Cd	Harford	09/14/98	CB1TF
	HA2	Ms	Harford	09/14/98	CB1TF

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
003	DA4	Ms, Hv, Cd	Harford	09/14/98	CB1TF
	FA3	Ms, Hv, Cd	Harford	09/14/98	CB1TF
	BA4	Ms, Hv, Cd	Harford	09/14/98	CB1TF
	AA4	Hv, Ms, Cd	Harford	09/14/98	CB1TF
	Z4	Hv, Ms, Cd	Harford	09/14/98	CB1TF
	QA4	Ms, Hv, Cd	Harford	09/14/98	CB1TF
	RA4	Ms, Hv	Harford	09/14/98	CB1TF
	SA4	Ms, Hv, Cd	Harford	09/14/98	CB1TF
	UA4	Ms, Hv, Cd	Harford	09/14/98	CB1TF
	UA4	Hd, Ms, Hv, Cd	Harford	09/14/98	CB1TF
	VA4	Ms, Hv, Cd, Va, Hd	Harford	09/14/98	CB1TF
	WA1	Hv, Va	Harford	09/14/98	CB1TF
	X4	Ms, Hv, Cd	Harford	09/14/98	CB1TF
	V4	Hv, Ms, Va, Cd	Harford	09/14/98	CB1TF
	U4	Cd, Va, Ms, Hv	Harford	09/14/98	CB1TF
	T3	Hv, Ms, Cd	Harford	09/14/98	CB1TF
	S4	Hv, Ms, Va, Cd	Harford	09/14/98	CB1TF
	R4	Hv, Ms	Harford	09/14/98	CB1TF
	R4	Hv, Ms, Cd	Harford	09/14/98	CB1TF
	Q4	Hv, Ms, Cd, Va	Harford	09/14/98	CB1TF
	P4	Ms, Hv, Hd, Cd, Va	Harford	09/14/98	CB1TF
	N4	Hv, Ms, Va, Cd	Harford	09/14/98	CB1TF
	N4	Hv, Ms, Va, Cd	Harford	09/14/98	CB1TF
	N4	Hv, Ms, Va, Cd, Nm	Harford	09/25/98	CB1TF
	J2	Ms, Hv, Va	Harford	09/25/98	CB1TF
	J2	Ms, Hv, Hd, Va	Harford	09/25/98	CB1TF
	G4	Hv, Ms, Cd, Nm, Va, Hd	Harford	09/25/98	CB1TF
	G4	Nm, Cd, Hd, Va, Ms, Hv	Harford	09/25/98	CB1TF
	G4	Ms, Hv	Harford	09/23/98	CB1TF
	G4	Hv, Ms	Harford	09/23/98	CB1TF
	F3	Ms, Va	Harford	09/23/98	CB1TF
	F3	Va, Hv, Ms	Harford	09/23/98	CB1TF
	F3	Va, Ms	Harford	09/23/98	CB1TF
	E2	Va, Ms, Hv	Harford	09/23/98	CB1TF
	E2	Va, Hv, Ms, Cd	Harford	09/23/98	CB1TF
	E2	Ms, Va	Harford	09/23/98	CB1TF
	D2	Ms, Va	Harford	09/23/98	CB1TF
	M1	Ms, Hd	Harford	09/23/98	CB1TF
	L2	Ms, Hd	Harford	09/23/98	CB1TF
	L2	Ms, Hd	Harford	09/23/98	CB1TF
	East of M1	Hd, Va, Ms, Cd, Nm	Harford	09/23/98	CB1TF
	East of M1	Hd, Va, Ms	Harford	09/23/98	CB1TF
	M1	Hd, Ms	Harford	09/23/98	CB1TF
	M1	Hd, Ms	Harford	09/23/98	CB1TF
	M1	Ms, Hd	Harford	09/23/98	CB1TF
	M1	Ms, Hd	Harford	09/23/98	CB1TF
	M1	Ms, Hd	Harford	09/23/98	CB1TF
	M1	Ms, Hd	Harford	09/23/98	CB1TF
	M1	Ms, Hd	Harford	09/23/98	CB1TF
	A1	Ms, Hv	Harford	09/25/98	CB1TF
	A1	Ms	Harford	09/25/98	CB1TF
	A1	Ms	Harford	09/25/98	CB1TF
	A1	Ms	Harford	09/25/98	CB1TF

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
004	E2	Ms, Va	Citizen	06/09/98	ELKOH
	D2	Ms, Va	Citizen	06/09/98	ELKOH
	Oldfield Point	Ms, Va	Citizen	06/24/98	ELKOH
	M3	Ms, U, Va	Citizen	06/24/98	ELKOH
	L1	Ms	Citizen	06/24/98	ELKOH
	I1	Ms	Citizen	06/24/98	ELKOH
	V1	Cd, Hd, Ms, N	Citizen	09/01/98	NORTF
	F2	Ms	Harford	10/07/98	ELKOH
	G1	Ms	Harford	10/07/98	ELKOH
	H1	Ms	Harford	10/07/98	ELKOH
	I1	Ms	Harford	10/07/98	ELKOH
	M3	Ms, Va, Hv	Harford	10/07/98	ELKOH
	L1	Ms, Va	Harford	10/07/98	ELKOH
	N1	Ms, Va	Harford	10/07/98	ELKOH
	N1	Ms, Va	Harford	10/07/98	ELKOH
	P4	Va, Ms	Harford	10/07/98	ELKOH
	P4	Va, Ms	Harford	10/07/98	ELKOH
	Q1	Ms, Va	Harford	10/07/98	ELKOH
	S2	Ms, Va	Harford	10/07/98	ELKOH
	T2	Ms, Va	Harford	10/07/98	ELKOH
005	E2	Ms	Harford	10/07/98	ELKOH
	G1	Ms	Harford	10/07/98	ELKOH
006	Bird River	Tn	MD-DNR	06/11/98	GUNOH
	Bird River	Tn	MD-DNR	06/11/98	GUNOH
	Bird River	Tn	MD-DNR	06/11/98	GUNOH
	Bird River	Tn	MD-DNR	06/11/98	GUNOH
	Bird River	Tn	MD-DNR	06/11/98	GUNOH
007	South of Monks Creek	Ms, Pcr	Citizen	06/27/98	BSHOH
	South of Monks Creek	Ms, Pcr, Va	Citizen	06/27/98	BSHOH
	Lauderick Creek	Ms	Citizen	06/27/98	BSHOH
	Lauderick Creek	Ms	APG	Aug.-Sep. 98	BSHOH
	Lauderick Creek	Cd, Ms, Nfl	Citizen	06/27/98	BSHOH
	South of Beach Point	Ms, Cd	APG	Aug.-Sep. 98	BSHOH
	South of L1	Ms	APG	09/03/98	GUNOH
	L1	Va, Ms, Ppf	APG	09/03/98	GUNOH
	L1	Va, Ppf	APG	09/03/98	GUNOH
	L1	Va, Ms, Zp	APG	09/03/98	GUNOH
	L1	Va	APG	09/03/98	GUNOH
	Canal Creek	Va, Pcr, Zp, Ms	APG	09/03/98	GUNOH
	Canal Creek	Va, Ms, Ppc	APG	09/03/98	GUNOH
	K1	Va, Zp, Ms	APG	09/03/98	GUNOH
	Piney Point	Ms, Zp	APG	09/03/98	GUNOH
	West of Piney Point	Ms	APG	09/03/98	GUNOH
	West of Piney Point	Ms	APG	09/03/98	GUNOH
	J4	Ms, Va	Citizen	06/18/98	GUNOH
	J4	Cd, Ms, Pcr, Va	Citizen	06/18/98	GUNOH
	G3	Cd, Hv, Ms, Nm, Pcr, Va	Citizen	06/18/98	GUNOH
	F2	Ec, Pcr	Citizen	06/18/98	GUNOH
	F2	Cd, Ec, Hv, Ms, Pcr, Zp	Citizen	06/18/98	GUNOH
	F2	Ec, Pcr	Citizen	06/18/98	GUNOH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
007	F2	Ms, Pcr	Citizen	06/18/98	GUNOH
	A1	Cd, Pcr	Citizen	06/18/98	GUNOH
	North of F2	Tn	MD-DNR	06/11/98	GUNOH
008	M3	Hv, Ms, Cd, Va	APG	Aug.-Sep. 98	BSHOH
	Redmon Cove	Ms	APG	Aug.-Sep. 98	BSHOH
	Redmon Cove	Va	APG	Aug.-Sep. 98	BSHOH
	Redmon Cove	Ms, Hv, Cd	APG	Aug.-Sep. 98	BSHOH
009	Spesutie Island	Ms	APG	Aug.-Sep. 98	CB1TF
	QA2	Ms, Va	APG	Aug.-Sep. 98	CB1TF
	NA4	Ms, Hv, Cd	APG	Aug.-Sep. 98	CB1TF
	Back Creek	Ms, Hv, Cd	APG	Aug.-Sep. 98	CB1TF
	MA4	Ms, Va, Hv, Nm, Cd	APG	Aug.-Sep. 98	CB1TF
	LA4	Ms, Hv, Nm, Cd	APG	Aug.-Sep. 98	CB1TF
	KA4	Ms, Hv, Cd, Nm	APG	Aug.-Sep. 98	CB1TF
	KA4	Ms, Hv, Cd	APG	Aug.-Sep. 98	CB1TF
	IA4	Ms, Hv, Cd, Nm	APG	Aug.-Sep. 98	CB1TF
	GA4	Ms, Hv, Cd, Nm	APG	Aug.-Sep. 98	CB1TF
	HA3	Ms, Hv	APG	Aug.-Sep. 98	CB1TF
	DA4	Ms, Hv, Cd	APG	Aug.-Sep. 98	CB1TF
	DA4	Hv, Ms	APG	Aug.-Sep. 98	CB1TF
	CA3	Hv, Ms, Nm, Cd	APG	Aug.-Sep. 98	CB1TF
	BA4	Hv, Ms, Nm, Cd	APG	Aug.-Sep. 98	CB1TF
	BA4	Hv, Ms, Cd, Nm	APG	Aug.-Sep. 98	CB1TF
	BA4	Hv, Ms, Cd	APG	Aug.-Sep. 98	CB1TF
	AA4	Hv, Ms	APG	Aug.-Sep. 98	CB1TF
	Z4	Ms, Hv, Cd	APG	Aug.-Sep. 98	CB1TF
	Y4	Hv, Ms	APG	Aug.-Sep. 98	CB1TF
	Y4	Hv, Ms, Cd, Nm	APG	Aug.-Sep. 98	CB1TF
	X3	Hv, Ms, Nm, Cd	APG	Aug.-Sep. 98	CB1TF
	X3	Hv	APG	Aug.-Sep. 98	CB1TF
	W4	Hv, Ms, Nm, Cd	APG	Aug.-Sep. 98	CB1TF
	V3	Hv, Va, Ms, Cd	APG	Aug.-Sep. 98	CB1TF
	U3	Hv, Ms, Cd, Va	APG	Aug.-Sep. 98	CB1TF
	T4	Ms, Va	APG	Aug.-Sep. 98	CB1TF
	Little Mosquito Creek	Ms, Hv, Va, Nm, Cd	APG	Aug.-Sep. 98	CB1TF
	R4	Ms, Hv, Va, Cd	APG	Aug.-Sep. 98	CB1TF
	K4	Ms, Hv, Cd	APG	Aug.-Sep. 98	CB1TF
	South of G1	Ms	APG	Aug.-Sep. 98	CB1TF
	G1	Va, Hd	APG	Aug.-Sep. 98	CB1TF
	SA2	Va, Hv, Ms, Cd	Harford	10/07/98	CB1TF
	C2	Ms, Hv	Harford	09/25/98	CB1TF
	Sassafras River	Ms	Harford	09/30/98	SASOH
010	L2	Ms, Va	Citizen	Summer 98	ELKOH
	A1	Ms	Citizen	06/09/98	BOHOH
	F4	Hv, Ms, Va	Citizen	Summer 98	BOHOH
	D4	Cd, Hv, Ms, Pcr, Va, U	Citizen	Summer 98	BOHOH
	Q2	Ms	Citizen	07/17/98	ELKOH
	P2	Ms	Citizen	07/17/98	ELKOH
	E1	Ms, Va	Citizen	Summer 98	BOHOH
	W. of Battery Point	Ms	Citizen	Summer 98	BOHOH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
010	E. of Battery Point	Ms	Citizen	Summer 98	BOHOH
	A1	Ms	Citizen	Summer 98	BOHOH
	E1	Ms, Va	Citizen	Summer 98	BOHOH
	F4	Hv, Ms, Va	Citizen	Summer 98	BOHOH
	D4	Va, Hv, Ms	Harford	10/07/98	BOHOH
	A1	Ms	Harford	10/07/98	BOHOH
	G2	Va, Ms	Harford	10/07/98	BOHOH
	E1	Va, Hv, Ms	Harford	10/07/98	BOHOH
	H1	Ms, Va	Harford	10/07/98	BOHOH
	N1	Ms, Va	Harford	10/07/98	ELKOH
	P2	Ms, Va	Harford	10/07/98	ELKOH
	Q2	Ms, Cd, Va	Harford	10/07/98	ELKOH
	T3	Va, Cd, Ms	Harford	10/07/98	ELKOH
	V3	Ms, Va	Harford	10/07/98	ELKOH
	B1	Ms	Harford	10/07/98	ELKOH
	B1	Ms	Harford	10/07/98	ELKOH
	C2	Ms	Harford	10/07/98	ELKOH
	C2	Ms	Harford	10/07/98	ELKOH
	C2	Ms	Harford	10/07/98	ELKOH
	C2	Ms	Harford	10/07/98	ELKOH
	K2	Ms, Va, Hv	Harford	10/07/98	ELKOH
	L2	Ms, Va	Harford	10/07/98	ELKOH
	M4	Ms, Va	Harford	10/07/98	ELKOH
	L2	Ms, Va, Ppc	Harford	10/07/98	ELKOH
	O2	Ms, Va	Harford	10/07/98	ELKOH
	R4	Ms, Va	Harford	10/07/98	ELKOH
	S3	Ms, Va	Harford	10/07/98	ELKOH
	U1	Ms	Harford	10/07/98	ELKOH
	W1	Ms, Hd, Hv	Harford	10/07/98	ELKOH
	X4	Va, Ms, Hv	Harford	10/07/98	ELKOH
	BA1	Ms	Harford	10/30/98	SASOH
013	Norman Creek	Cd, Ms	Citizen	08/13/98	MIDOH
	Barren Point	Cd, Ms	Citizen	08/13/98	MIDOH
	Frog Mortar Creek	Ec, Cd, Ms	ACOE	04/29/98	MIDOH
	Galloway Creek	Ec, Cd	ACOE	04/29/98	MIDOH
	Hogpen Creek	Cd, Ms, Zp	ACOE	04/28/98	MIDOH
	Norman Creek	Ms, Zp	ACOE	04/28/98	MIDOH
	Corsica Creek	Cd, Ms, Zp, Ec	ACOE	04/28/98	MIDOH
	Middle River mainstem	Ms, Zp	ACOE	04/29/98	MIDOH
	Middle River mainstem	Ms	ACOE	04/29/98	MIDOH
	Frog Mortar Creek	Zp	ACOE	04/29/98	MIDOH
	Frog Mortar Creek	Cd, Ec, Ms	ACOE	04/29/98	MIDOH
	Frog Mortar Creek	Cd, Ec, Ms	ACOE	04/29/98	MIDOH
	Frog Mortar Creek	Cd, Ec, Ms, Zp	ACOE	04/29/98	MIDOH
	Frog Mortar Creek	Ms, Cd	ACOE	04/29/98	MIDOH
	Galloway Creek	Ec, Ms	ACOE	04/29/98	MIDOH
	Galloway Creek	Ec, Ms	ACOE	04/29/98	MIDOH
	Galloway Creek	Ec	ACOE	04/29/98	MIDOH
	Chestnut Cove	Ms, Cd, Zp	ACOE	04/29/98	MIDOH
	Greyhound Cove	Ms, Cd, Pcr, Va, Zp	ACOE	04/28/98	MIDOH
	Bird River	Tn	MD-DNR	06/11/98	GUNOH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
014	Towner Cove	Ms	APG	Aug.-Sep. 98	BSHOH
	Doves Cove	Ms, Cd	APG	Aug.-Sep. 98	BSHOH
	Doves Cove	Ms, Cd	APG	Aug.-Sep. 98	BSHOH
	I1	Ms, Cd	APG	Aug.-Sep. 98	BSHOH
	Coopers Creek	Va	APG	Aug.-Sep. 98	BSHOH
	Coopers Creek	Ms, Va	APG	Aug.-Sep. 98	BSHOH
	North of Sandy Point	Pcr	APG	Aug.-Sep. 98	BSHOH
	East of GA3	Ms	APG	08/18/98	CB2OH
	GA3	Va	APG	08/18/98	CB2OH
	Boone Creek	Ms	APG	08/18/98	CB2OH
	HA3	Va	APG	08/18/98	CB2OH
	Boone Creek	Ms, Va	APG	08/18/98	CB2OH
	South of HA3	Ppf	APG	08/18/98	CB2OH
	South of HA3	Ppc	APG	08/18/98	CB2OH
	IA1	Va, Ppc	APG	08/18/98	CB2OH
	South of IA1	Ppc	APG	08/18/98	CB2OH
	A1	Va, Ppf, Ppc, Zp, Ms, Cd, Pcr	APG	08/18/98	CB2OH
	JA1	Va, Ppc	APG	08/18/98	CB2OH
	KA2	Ppc	APG	08/18/98	CB2OH
	C1	Va, Ppf	APG	08/18/98	CB2OH
	North of C1	Va, Ppf	APG	08/18/98	GUNOH
	D2	Va	APG	08/18/98	GUNOH
	North of D2	Va, Ppf	APG	08/18/98	GUNOH
	E1	Va, Ppf	APG	08/18/98	GUNOH
	West of Swaderick Creek	Va, Nm, Ms	APG	08/18/98	GUNOH
	North of Swaderick Creek	Ms	APG	09/03/98	GUNOH
	J2	Ms, Va, Ppf, Pcr, Zp	APG	09/03/98	GUNOH
	K1	Va	APG	Aug.-Sep. 98	GUNOH
	L4	Ec, Va, Ngu, Ppf, Cd, Ms, Ppu	APG	Aug.-Sep. 98	GUNOH
	L4	Ec, Va, Ngu, Ppf, Cd, Ms, Ppu	APG	Aug.-Sep. 98	GUNOH
	N4	Ec, Ngu, Va, Ppf, Cd, Ms, Ppu	APG	Aug.-Sep. 98	GUNOH
	K1	Va, Ppu, Ec	APG	Aug.-Sep. 98	GUNOH
	N4	Va, Ec	APG	Aug.-Sep. 98	GUNOH
	EA1	Va, Ec	APG	Aug.-Sep. 98	GUNOH
	M4	Va, Ec	APG	Aug.-Sep. 98	GUNOH
	T3	Ec, Va, Ms, Cd	APG	Aug.-Sep. 98	MIDOH
	U3	Ms, Cd	APG	Aug.-Sep. 98	MIDOH
	P4	Va, Ec	APG	Aug.-Sep. 98	GUNOH
	O2	Va, Ec	APG	Aug.-Sep. 98	GUNOH
	K1	Va, Ppu, Ec	APG	Aug.-Sep. 98	GUNOH
	K1	Va, Ppu, Ec	APG	Aug.-Sep. 98	GUNOH
	K1	Va, Ppu, Ec	APG	Aug.-Sep. 98	GUNOH
	Q4	Ec, Ngu, Va, Ppf, Cd, Ms, Ppu	APG	Aug.-Sep. 98	GUNOH
	Q4	Ec, Va, Ppf, Pcr	APG	Aug.-Sep. 98	GUNOH
	Q4	Ppf	APG	Aug.-Sep. 98	GUNOH
	R2	Va, Ppu	APG	Aug.-Sep. 98	CB2OH
	X2	Ms, Ec, Va	Harford	10/18/98	MIDOH
	CA2	Ec, Ms, Va, Cd	Harford	10/18/98	MIDOH
	W1	Ms, Ec, Va, Cd	Harford	10/18/98	MIDOH
	N4	Ms	Harford	10/18/98	GUNOH
	N4	Ec, Ms	Harford	10/18/98	GUNOH
	Q4	Ec, Va, Ms	Harford	10/18/98	GUNOH
	Q4	Ec, Va, Ms	Harford	10/18/98	GUNOH
	N4	Ms	Harford	10/18/98	GUNOH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
014	N4	Ec, Ms, Va	Harford	10/18/98	GUNOH
	N4	Ec, Va, Ms, Cd	Harford	10/18/98	GUNOH
	N4	Ec, Va, Ms, Ppf	Harford	10/18/98	GUNOH
	N4	Ec, Va, Ms, Ppf	Harford	10/18/98	GUNOH
	N4	Ec, Va, Ms	Harford	10/18/98	GUNOH
	L4	Ec, Va, Ms, Cd	Harford	10/18/98	GUNOH
	L4	Ec, Va, Cd	Harford	10/18/98	GUNOH
	M4	Ms	Harford	10/07/98	GUNOH
015	E2	Ms	Citizen	07/25/98	CB2OH
	D1	Ms, Pcr	Citizen	07/25/98	CB2OH
	Churn Creek	Ms, Pcr	Citizen	07/25/98	CB2OH
	G1	Ms, Va	Citizen	07/25/98	CB2OH
	F2	Va	Citizen	07/25/98	CB2OH
	O2	Pcr	APG	Aug.-Sep. 98	BSHOH
	Abbey Creek	Va, Ms, Zp	APG	Aug.-Sep. 98	BSHOH
	Abbey Creek	Va, Ms, Zp, Cd	APG	Aug.-Sep. 98	BSHOH
	P4	Ms	APG	Aug.-Sep. 98	BSHOH
	Q1	Ms	APG	Aug.-Sep. 98	BSHOH
	Towner Cove	Ms	APG	Aug.-Sep. 98	BSHOH
016	B2	Cd, Va	Harford	09/30/98	SASOH
	C1	Ms, Cd, Va	Harford	09/30/98	SASOH
	C1	Ms, Cd, Va	Harford	09/30/98	SASOH
	D2	Ms, Cd, Va	Harford	09/30/98	SASOH
	F2	Ms, Cd, Va	Harford	09/30/98	SASOH
	G1	Ms	Harford	09/30/98	SASOH
	I1	Ms, Hv, Cd	Harford	09/30/98	SASOH
	J1	Ms	Harford	09/30/98	SASOH
	K2	Ms	Harford	09/30/98	SASOH
	F2	Tn	MD-DNR	06/11/98	SASOH
	C1	Tn	MD-DNR	06/11/98	SASOH
	D2	Tn	MD-DNR	06/11/98	SASOH
	B2	Tn	MD-DNR	06/11/98	SASOH
	A4	Tn	MD-DNR	06/11/98	SASOH
	C1	Tn	MD-DNR	06/11/98	SASOH
017	A1	Ms	Harford	09/30/98	SASOH
	B1	Ms	Harford	09/30/98	SASOH
	C4	Ms, Hv	Harford	09/30/98	SASOH
	D1	Ms	Harford	09/30/98	SASOH
	Shellcross Creek	Tn	MD-DNR	06/11/98	SASOH
018	Nabbs Creek	Ms, Ppf	Citizen	August 98	PATMH
	Nabbs Creek	Ms	Citizen	August 98	PATMH
	Nabbs Creek	Ms	Citizen	August 98	PATMH
	Nabbs Creek	Ms	Citizen	August 98	PATMH
	Nabbs Creek	Ms	Citizen	August 98	PATMH
	Nabbs Creek	Ms	Citizen	August 98	PATMH
	Nabbs Creek	Ms	Citizen	August 98	PATMH
	Nabbs Creek	Ms, Ppf	Citizen	August 98	PATMH
	Nabbs Creek	Ms	Citizen	August 98	PATMH
	Nabbs Creek	Ms, Ppf	Citizen	August 98	PATMH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
018	Back Cove	Ms, Ppf	Citizen	August 98	PATMH
	Back Cove	Ms	Citizen	August 98	PATMH
	Tanyard Cove	Ms	Citizen	Summer 98	PATMH
	Solleys Cove	Ms	Citizen	Summer 98	PATMH
	Back Creek	Ms	Citizen	Summer 98	PATMH
	Furnace Creek	Ms	Citizen	Summer 98	PATMH
	Rock Creek	Ms, Pcr, Zp	Citizen	08/02/98	PATMH
019	Wall Cove	Ms, Pcr	Citizen	08/02/98	PATMH
	Wall Cove	Ms, Pcr	Citizen	08/02/98	PATMH
	South of Rock Point	Va	Citizen	08/16/98	PATMH
	A4	Ec, Ms, Va, Zp	NAIB	08/13/98	CB3MH
	B3	Ec, Ms	NAIB	08/15/98	CB3MH
	G4	Ec, Ms	NAIB	08/15/98	CB3MH
	E4	Ec, Ms, Zp	NAIB	06/13/98	CB3MH
	West of D4	Ms	USFWS	07/24/98	CB3MH
	North of G4	Ms, Zp, Ec	USFWS	06/13/98	CB3MH
	West of B3	Ms, Zp	USFWS	06/13/98	CB3MH
	G4	Ms, Zp	USFWS	06/13/98	CB3MH
	South of C4	Ms, C, Ec	USFWS	06/13/98	CB3MH
	Shallow Creek	Ms	USFWS	07/24/98	CB3MH
	Shallow Creek	Ms	USFWS	07/24/98	CB3MH
	Shallow Creek	Ms, Zp	USFWS	06/13/98	CB3MH
	East of A4	Va	USFWS	07/24/98	CB3MH
	A4	Ms	USFWS	07/24/98	CB3MH
021	A3	Ec, Ms	Citizen	07/05/98	CHSMH
022	Fore Creek	Zp	Citizen	07/05/98	CHSMH
023	Magothy Park Beach	Zp	Citizen	06/23/98	MAGMH
	Brookfield	Zp, U	Citizen	06/23/98	MAGMH
	North of S2	Zp	Citizen	August 98	SEVMH
	Yantz Creek	Zp	Citizen	August 98	SEVMH
	West of N4	Zp	Citizen	August 98	SEVMH
	M4	Zp	Citizen	August 98	SEVMH
	O4	Ppf, Zp	Citizen	August 98	SEVMH
	L3	Zp	Citizen	August 98	SEVMH
	X4	Zp	Citizen	07/01/98	SEVMH
	Chase Creek	Zp	Citizen	07/02/98	SEVMH
	Chase Creek	Zp	Citizen	07/02/98	SEVMH
	Chase Creek	Zp	Citizen	07/01/98	SEVMH
	Magothy River	Zp, Cl, S, Pe	USFWS	06/17/98	MAGMH
	Above Magothy Bridge	Zp	USFWS	06/17/98	MAGMH
	North of Royal Beach	Zp	USFWS	06/17/98	MAGMH
	Beachwood Park	Zp	USFWS	06/17/98	MAGMH
	Riverdale	Zp	USFWS	06/17/98	MAGMH
	Old Man Creek	Zp, Ppc, Cl	USFWS	06/17/98	MAGMH
	North of Magothy Beach	Zp	USFWS	06/17/98	MAGMH
	Northwest of Magothy Beach	Zp	USFWS	06/17/98	MAGMH
	Ross Cove	Zp	USFWS	06/17/98	MAGMH
	West of GA2	Zp, Rm	USFWS	06/17/98	MAGMH
	Henderson Point	Zp	USFWS	06/17/98	MAGMH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
023	EA4	Zp, Rm	USFWS	06/17/98	MAGMH
	East of DA1	Zp	USFWS	06/17/98	MAGMH
	Smugglers Cove	Ms, Zp	USFWS	06/17/98	MAGMH
	North of AA2	Zp, Va	USFWS	06/17/98	MAGMH
	Crystal Beach	Zp	USFWS	06/17/98	MAGMH
	AA2	Zp	USFWS	06/17/98	MAGMH
	North of AA2	Zp, Ppf	USFWS	06/17/98	MAGMH
	AA2	Va	USFWS	06/17/98	MAGMH
	North of AA2	Zp, Ppf, Va	USFWS	06/17/98	MAGMH
	AA2	Zp, Ppf, Va	USFWS	06/17/98	MAGMH
	East of BA2	Zp, Ppf, Rm	USFWS	06/17/98	MAGMH
	West of AA2	Zp	USFWS	06/17/98	MAGMH
	Southwest of AA2	Zp	USFWS	06/17/98	MAGMH
	Mill Creek	Zp	USFWS	06/17/98	MAGMH
	Cypress Creek	Zp	USFWS	06/17/98	MAGMH
	West of H4	Zp, Rm, Ppc, Ms, Ppf	USFWS	05/28/98	SEVMH
	Clements Creek	Zp	USFWS	05/28/98	SEVMH
	Clements Creek	Zp, Ppf	USFWS	05/28/98	SEVMH
	Clements Creek	Zp	USFWS	05/28/98	SEVMH
	F4	Zp, Ppf	USFWS	05/28/98	SEVMH
	F4	Zp, Ppf, Ms, Rm	USFWS	05/28/98	SEVMH
	Clements Creek	Zp	USFWS	05/31/98	SEVMH
	G4	Zp, Ms	USFWS	05/28/98	SEVMH
	Clements Creek	Zp, Ms	USFWS	05/28/98	SEVMH
	Clements Creek	Zp	USFWS	05/28/98	SEVMH
	Clements Creek	Zp	USFWS	05/28/98	SEVMH
	West of G4	Zp	USFWS	05/28/98	SEVMH
	Clements Creek	Zp	USFWS	05/28/98	SEVMH
024	W4	Ms	Citizen	07/25/98	MAGMH
	H3	Rm	Citizen	08/14/98	MAGMH
	Forked Creek	Zp	Citizen	06/23/98	MAGMH
	W4	Ms	USFWS	08/09/98	MAGMH
	X4	Zp, Rm	USFWS	08/09/98	MAGMH
	Z2	Zp, Ppc, Rm	USFWS	08/09/98	MAGMH
	U2	Ppc, Rm	USFWS	08/09/98	MAGMH
	T2	Rm	USFWS	08/09/98	MAGMH
	JA4	Ppf, Rm, Ms, Ec, Zp	USFWS	05/04/98	MAGMH
	Blackhole Creek	Zp	USFWS	06/17/98	MAGMH
	Blackhole Creek	Zp	USFWS	06/17/98	MAGMH
	Blackhole Creek	Zp	USFWS	06/17/98	MAGMH
	Blackhole Creek	Zp	USFWS	06/17/98	MAGMH
	East of R2	Rm, Ppf	USFWS	08/09/98	MAGMH
	East of R2	Zp	USFWS	06/17/98	MAGMH
	Northeast of Q2	Ppc	USFWS	06/17/98	MAGMH
	Blackhole Creek	Zp, Ppc	USFWS	06/17/98	MAGMH
	East of N2	Ppc	USFWS	06/21/98	MAGMH
	Deep Creek	Ms	USFWS	06/21/98	MAGMH
026	FA3	Ec, Ms	Citizen	07/05/98	CHSMH
	GA3	Ec, Ms	Citizen	07/05/98	CHSMH
	FA3	Ms	Citizen	07/05/98	CHSMH
	HA4	Ec, Ppf, Rm	CRA	07/26/98	CHSMH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
026	V4	Ec, Ms, Ppf, Rm	CRA	07/26/98	CHSMH
	V4	Ec, Ms, Ppf, Rm	CRA	07/26/98	CHSMH
	Q4	Ec, Ms, Ppf, Rm	CRA	07/26/98	CHSMH
	R4	Ec, Ms, Ppf, Rm	CRA	07/26/98	CHSMH
	S3	Ppc, Rm	CRA	07/26/98	CHSMH
	T4	Ec, Ppf, Rm	CRA	07/26/98	CHSMH
	G3	Ec, Ppc, Ppf, Rm	CRA	07/26/98	CHSMH
	E4	Ms	CRA	07/26/98	CHSMH
	North of AB4	Ec, Ms, Ppf, Ppc	USFWS	08/05/98	CHSMH
	Queenstown Creek	Ec, Ms, Ppf, Ppc	USFWS	08/05/98	CHSMH
028	Theodore Roosevelt Island	Hv	USGS	08/31/98	POTTF
	Theodore Roosevelt Island	Hv	USGS	08/31/98	POTTF
	Theodore Roosevelt Island	Hv	USGS	08/31/98	POTTF
	Theodore Roosevelt Island	Hv	USGS	08/31/98	POTTF
	Theodore Roosevelt Island	Hv	USGS	08/31/98	POTTF
	Theodore Roosevelt Island	Hv	USGS	08/31/98	POTTF
	Theodore Roosevelt Island	Hv	USGS	08/31/98	POTTF
	Theodore Roosevelt Island	Hv	USGS	08/31/98	POTTF
	South of Memorial Bridge	Va, Hv, Ms	USGS	08/31/98	POTTF
	South of Memorial Bridge	Va, Hv, Ms	USGS	08/31/98	POTTF
	South of Memorial Bridge	Hv, Va	USGS	08/31/98	POTTF
030	Rhode River	Zp	Citizen	June 98	RHDMH
	Murray Wharf	Rm, Zp	Citizen	June 98	RHDMH
	Rhode River	Rm	Citizen	09/14/98	RHDMH
	Rhode River	Rm	Citizen	09/14/98	RHDMH
	Rhode River	Rm	Citizen	09/14/98	RHDMH
	Whitemarsh Creek	Rm	Citizen	09/14/98	RHDMH
	Turkey Point	Zp	Citizen	March-July 98	SOUMH
	Selby Bay	Zp	Citizen	March-July 98	SOUMH
	Selby Bay	Zp	Citizen	March-July 98	SOUMH
	Selby Bay	Rm, Zp	Citizen	March-July 98	SOUMH
	Selby Bay	Rm, Zp	Citizen	March-July 98	SOUMH
	Selby Bay	Rm, Zp	Citizen	March-July 98	SOUMH
	A3	Rm, Zp	Citizen	March-July 98	SOUMH
	Long Point	Rm, Zp	Citizen	March-July 98	SOUMH
	B2	Rm, Zp	Citizen	March-July 98	SOUMH
	Limehouse Cove	Rm, Zp	Citizen	March-July 98	SOUMH
	Cape Loch Haven	Rm, Zp	Citizen	March-July 98	SOUMH
	Pocahontas Creek	Rm, Zp	Citizen	March-July 98	SOUMH
	Larkington Cove	Rm, Zp	Citizen	March-July 98	SOUMH
	Brewer Creek	Rm, Zp	Citizen	March-July 98	SOUMH
	C2	Rm, Zp	Citizen	March-July 98	SOUMH
	Cedar Point	Rm, Zp	Citizen	March-July 98	SOUMH
	D4	Rm, Zp	Citizen	March-July 98	SOUMH
	Glebe Creek	Rm, Zp	Citizen	March-July 98	SOUMH
	Glebe Creek	Rm, Zp	Citizen	March-July 98	SOUMH
	Glebe Creek	Rm, Zp	Citizen	March-July 98	SOUMH
	Glebe Bay	Rm, Zp	Citizen	March-July 98	SOUMH
	E2	Rm, Zp	Citizen	March-July 98	SOUMH
	Almshouse Creek	Zp	Citizen	March-July 98	SOUMH
	Almshouse Creek	Zp	Citizen	March-July 98	SOUMH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
030	Almshouse Creek	Zp	Citizen	March-July 98	SOUMH
	Pine Whiff Beach	Zp	Citizen	March-July 98	SOUMH
	Pine Whiff Beach	Zp	Citizen	March-July 98	SOUMH
	Warehouse Creek	Rm, Zp	Citizen	March-July 98	SOUMH
	W. of Warehouse Creek	Rm, Zp	Citizen	March-July 98	SOUMH
	Edgewater Beach	Rm, Zp	Citizen	March-July 98	SOUMH
	Edgewater Beach	Rm, Zp	Citizen	March-July 98	SOUMH
	Beards Creek	Rm, Zp	Citizen	March-July 98	SOUMH
	Beards Creek	Rm, Zp	Citizen	March-July 98	SOUMH
	South Down Shores	Rm, Zp	Citizen	March-July 98	SOUMH
	South Down Shores	Rm, Zp	Citizen	March-July 98	SOUMH
	Beards Creek	Rm, Zp	Citizen	March-July 98	SOUMH
	Beards Creek	Rm, Zp	Citizen	March-July 98	SOUMH
	Hardestys Cove	Rm, Zp	Citizen	March-July 98	SOUMH
	Riva	Rm, Zp	Citizen	March-July 98	SOUMH
	Riva	Rm, Zp	Citizen	March-July 98	SOUMH
	Granville Creek	Rm, Zp	Citizen	March-July 98	SOUMH
	Glen Isle	Rm, Zp	Citizen	March-July 98	SOUMH
	South River	Rm, Zp	Citizen	March-July 98	SOUMH
	South River	Rm, Zp	Citizen	March-July 98	SOUMH
	Bon Haven	Rm, Zp	Citizen	March-July 98	SOUMH
	Porter Point	Rm, Zp	Citizen	March-July 98	SOUMH
	Broad Creek	Rm, Zp	Citizen	March-July 98	SOUMH
	Broad Creek	Zp	Citizen	March-July 98	SOUMH
	Cape St. John	Zp	Citizen	March-July 98	SOUMH
	Boyd Point	Zp	Citizen	March-July 98	SOUMH
	South Point	Zp	Citizen	March-July 98	SOUMH
	Gingerville Creek	Zp	Citizen	March-July 98	SOUMH
	Gingerville Creek	Zp	Citizen	March-July 98	SOUMH
	Edgewater	Zp	Citizen	March-July 98	SOUMH
	Shadow Point	Zp	Citizen	March-July 98	SOUMH
	Church Creek	Zp	Citizen	March-July 98	SOUMH
	Church Creek	Zp	Citizen	March-July 98	SOUMH
	Crab Creek	Zp	Citizen	March-July 98	SOUMH
	Crab Creek	Zp	Citizen	March-July 98	SOUMH
	F3	Zp	Citizen	March-July 98	SOUMH
	Wild Rose Shores	Zp	Citizen	March-July 98	SOUMH
	Melvin Point	Zp	Citizen	March-July 98	SOUMH
	G3	Zp	Citizen	March-July 98	SOUMH
	Aberdeen Creek	Zp	Citizen	March-July 98	SOUMH
	West of Persimmon Point	Zp	Citizen	March-July 98	SOUMH
	Persimmon Point	Zp	Citizen	March-July 98	SOUMH
	Harness Creek	Zp	Citizen	March-July 98	SOUMH
	Harness Creek	Zp	Citizen	March-July 98	SOUMH
	H1	Zp	Citizen	March-July 98	SOUMH
	North of Hill Point	Zp	Citizen	March-July 98	SOUMH
	Weems Creek	Rm, Zp	USFWS	07/16/98	SEVMH
031	Lake Ogelton	Zp	Citizen	06/23/98	SEVMH
	Lake Ogelton	Ms, Zp	Citizen	06/23/98	SEVMH
	Lake Ogelton	Ms, Zp	Citizen	06/23/98	SEVMH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
032	P4	Rm	Citizen	09/25/98	EASMH
	O1	Rm	Citizen	09/25/98	EASMH
	N2	Rm	Citizen	09/25/98	EASMH
	M3	Rm	Citizen	09/25/98	EASMH
	M3	Rm	Citizen	09/25/98	EASMH
	M3	Rm, U	Citizen	09/25/98	EASMH
	L4	Rm, U	Citizen	09/25/98	EASMH
	K3	Rm	Citizen	09/25/98	EASMH
	K3	Ppf, Rm	Citizen	09/25/98	EASMH
	J3	Ppf, Rm, U	Citizen	09/25/98	EASMH
	I4	Rm	Citizen	08/12/98	EASMH
	H3	Rm	Citizen	08/12/98	EASMH
	G1	Rm, U	Citizen	08/12/98	EASMH
	West of K3	Rm	Citizen	08/12/98	EASMH
	West of L4	Rm, U	Citizen	08/12/98	EASMH
	F2	Rm	Citizen	08/12/98	EASMH
	Shipping Creek	Rm, Zp	Citizen	08/12/98	EASMH
	Shipping Creek	Rm, Zp	Citizen	08/12/98	EASMH
	Shipping Creek	Rm, Zp	Citizen	08/12/98	EASMH
	A1	Rm	Citizen	Summer 98	EASMH
	B3	Rm	Citizen	Summer 98	EASMH
	East of C2	Rm	Citizen	Summer 98	EASMH
	E1	Rm	Citizen	Summer 98	EASMH
	R2	Rm	Citizen	Summer 98	EASMH
	Q2	Rm	Citizen	Summer 98	EASMH
	Crab Alley Creek	Rm	Citizen	Summer 98	EASMH
	S4	Rm	Citizen	Summer 98	EASMH
	U3	Rm	Citizen	Summer 98	EASMH
	A1	Rm	USGS	07/21/98	EASMH
	B3	Rm	USGS	07/21/98	EASMH
033	TB2	Ppc	VIMS	06/01/98	EASMH
	RB4	Ppc	VIMS	06/01/98	EASMH
	Long Point	Ppf	Citizen	June-Aug. 98	CHSMH
	Long Point	Zp	Citizen	June-Aug. 98	CHSMH
	FA4	Rm, U	Citizen	Summer 98	EASMH
	X4	Rm	Citizen	Summer 98	EASMH
	X4	Rm, Zp	Citizen	07/27/98	EASMH
	East of Drum Point	Rm	USGS	07/21/98	EASMH
	NB4	Ppf, Ec	USFWS	08/05/98	CHSMH
	South of NB4	Ec, Ms, Ppf, Rm	USFWS	08/05/98	CHSMH
	MB4	Ec, Ms, Ppf, Rm, Ppc	USFWS	08/05/98	CHSMH
	MB4	Ppf, Ms, Ec, Rm, Ppc	USFWS	08/05/98	CHSMH
	East of MB4	Ec, Ms, Ppf, Rm, Ppc	USFWS	08/05/98	CHSMH
	LB4	Ppf, Ms, Ec	USFWS	08/05/98	CHSMH
034	A4	Hv, Nm, Cd	USGS	09/02/98	POTTF
	B1	Hv, Nm, Cd	USGS	09/02/98	POTTF
	B1	Hv, Nm, Ms	USGS	09/02/98	POTTF
	C4	Hv, Nm, Hd, Ms, Va	USGS	09/02/98	POTTF
	E4	Ms	USGS	09/02/98	POTTF
	E4	Hv, Nm, Hd, Ms, Va	USGS	09/02/98	POTTF
	G4	Va, Nm, Hv, Ms, Hd	USGS	09/02/98	POTTF

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
034	G4	Hv, Va, Nm, Cd, Ms, Hd	USGS	09/02/98	POTTF
	H3	Hv, Ms, Cd	USGS	09/02/98	POTTF
	H3	Hv, Cd	USGS	09/02/98	POTTF
	H3	Hv, Cd	USGS	09/02/98	POTTF
	I4	Hd, Hv, Cd, Nm	USGS	09/02/98	POTTF
	K4	Hv, Va, Cd	USGS	09/02/98	POTTF
	Q2	Hv, Ms, Cd, Hd, Va	USGS	09/02/98	POTTF
	R4	Hv, Nm, Cd, Hd, Ms	USGS	09/02/98	POTTF
	S4	Hv, Cd	USGS	09/02/98	POTTF
	N4	Hv	USGS	09/02/98	POTTF
	N4	Hv, Nm, Cd	USGS	09/02/98	POTTF
	O4	Hv, Ms, Cd	USGS	09/02/98	POTTF
	S4	Hv, Cd, Ms, Va, Hd, Nm	USGS	09/02/98	POTTF
	S4	Ms, Hv, Nm	USGS	09/02/98	POTTF
	S4	Hv	USGS	09/02/98	POTTF
	S4	Hv, Ms	USGS	09/02/98	POTTF
	T2	Ms	USGS	09/02/98	POTTF
	West of B1	Hv, Ms, Nm, Hd	USGS	09/02/98	POTTF
	North of BA1	Hv	USGS	08/31/98	POTTF
	South of CA4	Hv	USGS	08/31/98	POTTF
	DA3	Hv, Nm	USGS	08/31/98	POTTF
	GA3	Hv, Cd	USGS	08/31/98	POTTF
	East of GA3	Hv	USGS	08/31/98	POTTF
	HA4	Hv	USGS	08/31/98	POTTF
	IA1	Hv, Ms	USGS	08/31/98	POTTF
	East of JA3	Hv	USGS	08/31/98	POTTF
	JA3	Hv	USGS	08/31/98	POTTF
	IA1	Hv, Cd	USGS	08/31/98	POTTF
	IA1	Hv, Cd	USGS	08/31/98	POTTF
	IA1	Hv, Cd	USGS	08/31/98	POTTF
	KA2	Hv, Cd, Ms	USGS	08/31/98	POTTF
	South of LA1	Ms, Hv, Nm, Ppc	USGS	08/31/98	POTTF
	South of LA1	Hv, Ms	USGS	09/04/98	POTTF
	MA4	Hv, Ms, Va	USGS	09/04/98	POTTF
	North of NA4	Hv, Hd	USGS	09/04/98	POTTF
	OA4	Hv, Cd, Ms, Nm, Hd	USGS	09/04/98	POTTF
	PA4	Hv, Cd, Hd, Nm	USGS	09/04/98	POTTF
	QA3	Hv, Hd, Va, Cd, Nm, Ms	USGS	09/04/98	POTTF
	QA3	Va, Hd, Hv	USGS	09/04/98	POTTF
	North of QA3	Va, Hd, Hv	USGS	09/04/98	POTTF
	RA4	Va, Hd	USGS	09/04/98	POTTF
	RA4	Va, Hv, Nm, Hd	USGS	09/04/98	POTTF
	RA4	Va, Hv, Nm, Hd	USGS	09/04/98	POTTF
	TA4	Va, Hv, Hd	USGS	09/04/98	POTTF
	TA4	Va, Hv, Cd	USGS	09/04/98	POTTF
	TA4	Hv, Cd, Va	USGS	09/04/98	POTTF
	SA4	Hv	USGS	09/04/98	POTTF
	UA4	Va, Hv, Cd	USGS	09/04/98	POTTF
	VA4	Hv	USGS	09/04/98	POTTF
	WA4	Hv	USGS	09/04/98	POTTF
	WA4	Va, Hv	USGS	09/04/98	POTTF
	WA4	Va, Hd, Hv	USGS	09/04/98	POTTF
	WA4	Hv, Va, Hd	USGS	09/04/98	POTTF
	WA4	Hv, Va, Hd, Nm	USGS	09/04/98	POTTF

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
034	XA3	Hv, Va	USGS	09/04/98	POTTF
	YA4	Hv	USGS	09/04/98	POTTF
	ZA4	Hv	USGS	09/04/98	POTTF
	North of ZA4	Hv	USGS	09/04/98	POTTF
	North of ZA4	Va	USGS	09/04/98	POTTF
	North of ZA4	Hv	USGS	09/04/98	POTTF
	East Potomac Park	Va	USGS	08/31/98	POTTF
	East Potomac Park	Va	USGS	08/31/98	POTTF
	West of AA4	Va	USGS	08/31/98	POTTF
	Washington Channel	Ms	USGS	08/31/98	POTTF
	AA4	Va	USGS	08/31/98	POTTF
	AA4	Va, Hv	USGS	08/31/98	POTTF
	AA4	Va	USGS	08/31/98	POTTF
	Y4	Va, Hv	USGS	08/31/98	POTTF
	Anacostia River	Va	USGS	08/31/98	POTTF
	Anacostia River	Va	USGS	08/31/98	POTTF
	Anacostia River	Va	USGS	08/31/98	POTTF
	X2	Hv, Va	USGS	08/31/98	POTTF
	W4	Va	USGS	08/31/98	POTTF
	South of W4	Hv, Va	USGS	08/31/98	POTTF
	South of W4	Va, Hv, Hd	USGS	08/31/98	POTTF
	North of V4	Va, Ms	USGS	08/31/98	POTTF
	V4	Va, Hv	USGS	08/31/98	POTTF
	V4	Va, Hv	USGS	08/31/98	POTTF
	V4	Va	USGS	08/31/98	POTTF
	V4	Va, Ms, Hd, Hv	USGS	08/31/98	POTTF
	U4	Va, Hv	USGS	08/31/98	POTTF
	South of U4	Hv, Va	USGS	08/31/98	POTTF
035	Rhode River	Zp	Citizen	June 98	RHDMH
	Cheston Creek	Zp	Citizen	June 98	WSTMH
	Rhode River	Ms	Citizen	June 98	RHDMH
036	Northeast Branch	Zp	Citizen	July 98	CHOMH1
	V4	Zp	Citizen	July 98	CHOMH1
	BA4	Rm	Citizen	Summer 98	CHOMH1
	BA4	Rm	Citizen	Summer 98	CHOMH1
	CA3	Rm	Citizen	Summer 98	CHOMH1
	KA4	Rm	Citizen	Summer 98	CHOMH1
	OA3	Rm	USGS	07/21/98	EASMH
	East of Wades Point	Rm	USGS	07/21/98	EASMH
037	V4	Rm	Citizen	Summer 98	CHOMH1
	Y2	Zm	VIMS	06/01/98	EASMH
039	W4	Hv, Nm	Citizen	08/08/98	POTTF
	East of D3	Hv, Nm, Va	Citizen	08/08/98	POTTF
	F4	Hv, Nm, Va, U	Citizen	08/08/98	POTTF
	H2	Hv, Nm, Va	Citizen	08/02/98	POTTF
	H2	Cd, Hd, Hv, Nm, Va, U	Citizen	08/02/98	POTTF
	I2	Cd, Hv, Nm, Va	Citizen	08/02/98	POTTF
	J2	Hv, Ms, Nm, Va	Citizen	08/02/98	POTTF
	O4	Hv	Citizen	08/02/98	POTTF

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
039	P4	Ms, Va	Citizen	08/02/98	POTTF
	F4	Hv, Va, Ms	USGS	09/15/98	POTTF
	F4	Hv, Nm	USGS	09/15/98	POTTF
	F4	Hv	USGS	09/15/98	POTTF
	Belmont Bay	Hv, Nm	USGS	09/15/98	POTTF
	Belmont Bay	Hv, Nm	USGS	09/15/98	POTTF
	Belmont Bay	Hv, Nm	USGS	09/15/98	POTTF
	Belmont Bay	Hv, Nm	USGS	09/15/98	POTTF
	Belmont Bay	Hv, Nm	USGS	09/15/98	POTTF
	East of D3	Nm, Va, Hv	USGS	09/15/98	POTTF
	D3	Nm, Va, Hv	USGS	09/15/98	POTTF
	A4	Nm, Hv	USGS	09/15/98	POTTF
	B4	Hv, Va, Nm	USGS	09/15/98	POTTF
	Massey Creek	Nm, Hv, Va, Cd	USGS	09/15/98	POTTF
	A4	Nm, Hv	USGS	09/15/98	POTTF
	E4	Nm, Hv, Va, Cd	USGS	09/15/98	POTTF
	M4	Hv, Nm, Cd	USGS	09/15/98	POTTF
	M4	Hv, Nm, Cd	USGS	09/04/98	POTTF
	Pohick Bay	Hv, Nm	USGS	09/04/98	POTTF
	O4	Hv, Nm, Cd	USGS	09/04/98	POTTF
	West of P4	Va, Hv	USGS	09/04/98	POTTF
	P4	Va, Nm, Hv, Ms	USGS	09/04/98	POTTF
	Q2	Va, Ms	USGS	09/04/98	POTTF
	R4	Nm, Va, Hd, N	USGS	09/04/98	POTTF
	East of R4	Hv	USGS	09/04/98	POTTF
	S4	Va, Hv, Ngu	USGS	09/04/98	POTTF
	S4	Va	USGS	09/04/98	POTTF
	Gunston Cove	Va, Hv	USGS	09/04/98	POTTF
	K4	Hv, Nm, Va	USGS	09/04/98	POTTF
	K4	Va, Ms	USGS	09/04/98	POTTF
	J2	Va, Ms	USGS	09/04/98	POTTF
	J2	Ms, Va	USGS	09/04/98	POTTF
	I2	Va	USGS	09/04/98	POTTF
	I2	Va, Nm	USGS	09/04/98	POTTF
	H2	Nm, Va, Hv, Ms	USGS	09/04/98	POTTF
	G4	Hv, Nm, Va, Cd, Ms	USGS	09/04/98	POTTF
	H2	Va, Nm, Hv	USGS	09/04/98	POTTF
	C2	Hv, Nm	USGS	09/15/98	POTTF
	Occoquan River	Hv, Va	USGS	09/15/98	POTTF
	Belmont Bay	Va	USGS	09/15/98	POTTF
	Belmont Bay	Hv, Va	USGS	09/15/98	POTTF
	South of O4	Va	USGS	09/04/98	POTTF
	O4	Hv, Nm, Cd	USGS	09/04/98	POTTF
	N2	Hv	USGS	09/04/98	POTTF
	M4	Hv, Nm, Cd	USGS	09/04/98	POTTF
	L2	Hv, Nm	USGS	09/04/98	POTTF
	Gunston Cove	Hv	USGS	09/04/98	POTTF
	J2	Ms	USGS	09/04/98	POTTF
	J2	Va	USGS	09/04/98	POTTF
	D3	Hv, Nm, Va	Citizen	08/09/98	POTTF
	East of Q2	Va, Ms	USGS	09/04/98	POTTF
040	C4	Va	FOMC	08/09/98	POTTF
	D4	Va	FOMC	08/09/98	POTTF

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
040	A2	Va	FOMC	08/09/98	POTTF
	D4	Va	FOMC	08/09/98	POTTF
	M4	Cd, Hv, Nm, Va	Citizen	08/09/98	PISTF
	M4	Cd, Hv, Nm	Citizen	08/09/98	PISTF
	N4	Cd, Hd, Hv, Nm, Va	Citizen	08/09/98	PISTF
	R2	Hd, Hv, Va	Citizen	08/30/98	POTTF
	U3	Hd, Hv, Va	Citizen	08/30/98	POTTF
	Z4	Hv, Nm	Citizen	08/30/98	POTTF
	Z4	Hd, Hv, Nm, Va, U	Citizen	08/30/98	POTTF
	Mockley Point	Nm, Hv, Va, Hd	VIMS	09/12/98	POTTF
	C4	Hv, Nm	USGS	09/04/98	POTTF
	D4	Hv, Nm	USGS	09/04/98	POTTF
	A2	Cd, Hv, Va	USGS	09/04/98	POTTF
	South of A2	Cd, Hv	USGS	09/04/98	POTTF
	B2	Hv, Nm	USGS	09/04/98	POTTF
	B2	Va, Cd, Hv	USGS	09/04/98	POTTF
	North of B2	Va	USGS	09/04/98	POTTF
	North of B2	Hv	USGS	09/04/98	POTTF
	E2	Hv	USGS	09/04/98	POTTF
	E2	Va, Cd, Hv	USGS	09/04/98	POTTF
	E2	Va, Cd	USGS	09/04/98	POTTF
	E2	Va, Cd	USGS	09/04/98	POTTF
	E2	Va, Cd	USGS	09/04/98	POTTF
	E2	Va, Cd, Hv	USGS	09/04/98	POTTF
	E2	Va, Hd	USGS	09/04/98	POTTF
	E2	Va	USGS	09/04/98	POTTF
	E2	Va, Cd, Hd	USGS	09/04/98	POTTF
	F4	Va, Hv, Cd, Nm	USGS	09/04/98	POTTF
	F4	Va	USGS	09/04/98	POTTF
	F4	Va	USGS	09/04/98	POTTF
	F4	Va, Nm	USGS	09/04/98	POTTF
	G3	Va	USGS	09/04/98	POTTF
	G3	Va, Ms, Nm	USGS	09/04/98	POTTF
	G3	Va, Ms, Nm, Hv	USGS	09/04/98	POTTF
	G3	Va, Hd, Hv	USGS	09/04/98	POTTF
	H2	Va, Hd, Hv	USGS	09/04/98	POTTF
	H2	Hv, Nm, Va	USGS	09/04/98	POTTF
	H2	Va	USGS	09/04/98	POTTF
	I4	Nm, Hv	USGS	09/04/98	POTTF
	I4	Hv, Nm	USGS	09/04/98	POTTF
	I4	Hv, Nm	USGS	09/04/98	POTTF
	J2	Va, Nm	USGS	09/04/98	POTTF
	K4	Va, Nm	USGS	09/04/98	POTTF
	K4	Nm, Hv, Hd, Va	USGS	09/04/98	POTTF
	K4	Nm, Hd	USGS	09/04/98	POTTF
	K4	Hv, Nm, Cd	USGS	09/04/98	POTTF
	L1	Hv, Nm, Cd	USGS	09/04/98	POTTF
	DA4	Hv, Nm	USGS	09/04/98	POTTF
	DA4	Nm, Hv, Ngu, Va	USGS	09/04/98	POTTF
	DA4	Va, Hv, Ngu	USGS	09/04/98	POTTF
	DA4	Hv, Va	USGS	09/04/98	POTTF
	CA2	Va, Nm, Cd	USGS	09/04/98	POTTF
	M4	Hv	USGS	09/03/98	PISTF
	M4	Hv, Nm, Cd	USGS	09/03/98	PISTF

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
040	M4	Cd, Hv, Cd	USGS	09/03/98	PISTF
	M4	Va	USGS	09/03/98	PISTF
	M4	Nm, Hv	USGS	09/03/98	PISTF
	North of M4	Nm, Hv	USGS	09/03/98	PISTF
	M4	Hv	USGS	09/03/98	PISTF
	M4	Hv	USGS	09/03/98	PISTF
	M4	Hv	USGS	09/03/98	PISTF
	N4	Hv	USGS	09/03/98	PISTF
	N4	Hv, Nm, Cd	USGS	09/03/98	PISTF
	M4	Hv, Cd, Nm	USGS	09/03/98	PISTF
	O2	Hv, Nm, Cd, Hd, Va	USGS	09/02/98	PISTF
	P4	Hd, Va, Hv, Nm, Cd	USGS	09/02/98	POTTF
	R2	Va	USGS	09/02/98	POTTF
	North of R2	Nm, Hv, Va	USGS	09/02/98	POTTF
	S4	Hv, Va, Nm, Cd	USGS	09/02/98	POTTF
	U3	Va, Hv, Hd	USGS	09/02/98	POTTF
	W4	Va, Hv, Hd	USGS	09/02/98	POTTF
	W4	Hd, Cd, Va	USGS	09/02/98	POTTF
	W4	Hv, Cd	USGS	09/02/98	POTTF
	X1	Hv, Nm, Cd	USGS	09/02/98	POTTF
	West of X1	Hv, Ms, Nm, Hd	USGS	09/02/98	POTTF
	Z4	Hv, Va, Nm, Hd	USGS	08/03/98	POTTF
	Z4	Hv, Va, Nm, C, Cd, Ms	USGS	08/03/98	POTTF
	AA3	Va, Hv, Nm, Hd, Ms, Ppc, Cd	USGS	08/03/98	POTTF
	South of BA1	Nm, Cd, Hv, Ms	USGS	08/03/98	POTTF
	West of Sheridan Point	Nm, Hv, Cd, Ms	USGS	08/03/98	POTTF
	East of Z4	Hv, Nm	USGS	08/03/98	POTTF
041	Mataponi Creek	Cd, Ec, Hv, Nm, Pcr	PRP	07/09/98	PAXTF
	Mataponi Creek	Ec, N, Pcr	Citizen	08/22/98	PAXTF
	North of Y2	Ec	Citizen	08/22/98	PAXTF
	West of X3	Hv	PRP	07/09/98	PAXTF
	Spice Creek	Nm	PRP	07/28/98	PAXOH
	N4	Ec, Nm	Citizen	08/29/98	PAXOH
	Hall Creek	Cd, Hv, Ngu, Nm, Ppu, Va	PRP	07/09/98	PAXOH
	Hall Creek	Cd, Ec, Ngu, Nm	Citizen	08/29/98	PAXOH
	Hall Creek	Cd, Ec, Ngu, Nm	Citizen	08/29/98	PAXOH
	Cocktown Creek	Cd, Ec, Nm, Pcr, Va, Zp	Citizen	Summer 98	PAXOH
	Z4	Cd, Ec	Citizen	08/22/98	PAXTF
044	BB3	Zp	Citizen	08/12/98	CHOMH1
	North of AB3	Zp	Citizen	08/12/98	CHOMH1
	AB3	Zp	Citizen	08/12/98	CHOMH1
046	Hunting Creek	Zp	Citizen	07/03/98	CHOOH
	West of Bow Knee Point	Zp	Citizen	07/03/98	CHOOH
	West of Bow Knee Point	Zp	Citizen	07/03/98	CHOOH
	Bow Knee Point	Zp	Citizen	07/03/98	CHOOH
	South of Bow Knee Point	Zp	Citizen	07/03/98	CHOOH
047	B4	Cd, Hv, Ms, Nm, Va	Citizen	07/12/98	POTOH
	B4	Hv, Nm, Va, Cd	USGS	09/15/98	POTOH
	B4	Hv, Cd	USGS	09/15/98	POTOH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
047	B4	Hv, Nm	USGS	09/15/98	POTOH
	B4	Va, Hd, Nm	USGS	09/15/98	POTOH
	B4	Hv, Nm	USGS	09/15/98	POTOH
	B4	Hv, Nm, Hd	USGS	09/15/98	POTOH
	C4	Hv, Nm, Va	USGS	09/15/98	POTOH
	C4	Hv, Nm, Cd	USGS	09/15/98	POTOH
	D4	Va, Hv	USGS	09/15/98	POTTF
	H4	Hv, Nm, Va, Cd	USGS	09/15/98	POTTF
	H4	Hv, Nm, Cd	USGS	09/15/98	POTTF
	B4	Hv, Nm, Cd	USGS	09/15/98	POTOH
	B4	Hv, Cd, Nm, Hd	USGS	09/15/98	POTOH
	D4	Va, Hv	USGS	09/15/98	POTTF
	E4	Va, Hv, Nm	USGS	09/15/98	POTTF
	F4	Hv, Nm	USGS	08/23/98	POTTF
	G4	Hv, Nm, Va	USGS	08/23/98	POTTF
	Quantico Creek	Hv, Nm, Cd	USGS	08/23/98	POTTF
	F4	Hv, Nm	USGS	08/23/98	POTTF
	Possum Point	Hv	USGS	09/15/98	POTTF
	Powells Creek	Hv	USGS	08/23/98	POTTF
	Powells Creek	Hv	USGS	08/23/98	POTTF
	Neabsco Creek	Hv	USGS	08/23/98	POTTF
	O4	Hv, Cd, Ppc	USGS	09/15/98	POTTF
	O4	Hv, Nm, Ms, Cd, Hd	USGS	09/15/98	POTTF
	O4	Nm, Hv, Va, Cd, Ms, Hd	USGS	09/15/98	POTTF
	N2	Va, Hv, Nm, Ms, Hd	USGS	09/15/98	POTTF
	M3	Hv, Nm, Va, Hd	USGS	09/15/98	POTOH
	P1	Va, Hd	USGS	09/15/98	POTOH
	K4	Va, Ppc, Nm, Cd, Ms	USGS	09/15/98	POTOH
	K4	Hv, Va, Cd	USGS	09/15/98	POTOH
	K4	Hv, Cd, Nm, Va, Ppc	USGS	09/15/98	POTOH
	K4	Hv, Va, Nm, Cd, Hd, Ms	USGS	09/15/98	POTOH
	A4	Hv, Nm, Cd	USGS	09/15/98	POTOH
	F4	Hv, Nm	USGS	08/23/98	POTTF
	F4	Hv, Nm	USGS	08/23/98	POTTF
048	Mattawoman Creek	Cd, Hv, Nm, Va, U	FOMC	08/09/98	MATTF
	FA4	Hv, Nm, U	FOMC	08/09/98	MATTF
	Z4	Cd, Hv, Nm, Va	FOMC	08/09/98	MATTF
	DA4	Cd, Hv, Nm, Va	FOMC	08/09/98	MATTF
	Chapman Point	Hv, Va	FOMC	08/09/98	POTTF
	B4	Hv, Nm, Ms, Cd, Hd	USGS	09/16/98	POTTF
	B4	Nm, Hv, Va, Cd, Ms, Hd	USGS	09/16/98	POTTF
	B4	Hv, Nm, Cd	USGS	09/16/98	POTTF
	B4	Hv, Nm, Cd	USGS	09/16/98	POTTF
	B4	Hv, Nm, Cd	USGS	09/16/98	POTTF
	B4	Hv	USGS	09/16/98	POTTF
	B4	Hv, Nm	USGS	09/16/98	POTTF
	B4	Hv, Nm	USGS	09/16/98	POTTF
	B4	Hv, Ms	USGS	09/16/98	POTTF
	B4	Hv	USGS	09/16/98	POTTF
	C2	Hv, Nm, Cd	USGS	09/16/98	POTTF
	B4	Hv	USGS	09/16/98	POTTF
	D3	Hv, Va	USGS	09/16/98	POTTF
	Stump Neck	Hv, Cd	USGS	09/16/98	POTTF

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
048	Stump Neck	Hv	USGS	09/16/98	POTTF
	A1	Hv, Cd	USGS	09/16/98	POTTF
	E3	Nm	USGS	09/16/98	POTTF
	F4	Hv	USGS	09/16/98	MATTF
	G4	Hv, Nm	USGS	09/16/98	MATTF
	H4	Hv	USGS	09/16/98	MATTF
	K4	Hv, Nm	USGS	09/16/98	MATTF
	Q4	Hv, Nm	USGS	09/16/98	MATTF
	R4	Hv	USGS	09/16/98	MATTF
	U4	Hv	USGS	09/16/98	MATTF
	W4	Hv, Nm	USGS	09/16/98	MATTF
	South of X4	Va	USGS	09/16/98	MATTF
	X4	Hv, Nm	USGS	09/16/98	MATTF
	DA4	Va	USGS	09/16/98	MATTF
	DA4	Hv, Va, Nm	USGS	09/16/98	MATTF
	EA4	Hv, Nm	USGS	09/16/98	MATTF
	EA4	Hv, Nm, Cd	USGS	09/16/98	MATTF
	Z4	Nm, Hv	USGS	09/16/98	MATTF
	Z4	Va, Hv, Nm	USGS	09/16/98	MATTF
	CA4	Hv, Nm	USGS	09/16/98	MATTF
	CA4	Hv, Nm	USGS	09/16/98	MATTF
	CA4	Nm, Hv, Cd	USGS	09/16/98	MATTF
	CA4	Nm, Hv	USGS	09/16/98	MATTF
	BA3	Hv, Nm	USGS	09/16/98	MATTF
	AA4	Hv, Nm	USGS	09/16/98	MATTF
	S3	Hv, Nm	USGS	09/16/98	MATTF
	S3	Va, Hv, Nm	USGS	09/16/98	MATTF
	S3	Hv	USGS	09/16/98	MATTF
	S3	Va, Hv, Nm	USGS	09/16/98	MATTF
	T3	Hv, Nm	USGS	09/16/98	MATTF
	N2	Va, Hv	USGS	09/16/98	MATTF
	N2	Va	USGS	09/16/98	MATTF
	M4	Hv, Nm, Va	USGS	09/16/98	MATTF
	I4	Hv	USGS	09/16/98	MATTF
	I4	Hv, Nm	USGS	09/16/98	MATTF
	North of T3	Hv	USGS	09/16/98	MATTF
	West of T3	Hv, Nm	USGS	09/16/98	MATTF
	GA3	Va, Hv	USGS	09/16/98	POTTF
	GA3	Va, Hv	USGS	09/16/98	POTTF
	HA2	Va, Hv	USGS	09/16/98	POTTF
	East of HA2	Va	USGS	09/16/98	POTTF
049	North of Kennedy Run	Cd, Ec, Pcr, Ppu	Citizen	07/11/98	PAXOH
	Summerville Creek	Cd	Citizen	07/11/98	PAXOH
	Holland Cliff	Cd, Ec, Ms, Nm, Pcr	Citizen	Summer 98	PAXOH
050	Parker Creek	Ms	ACB	10/28/98	CB4MH
	Parker Creek	Ms, Cd	ACB	10/28/98	CB4MH
051	A2	Rm	Citizen	09/20/98	LCHMH
	EA2	Rm	HPEL	06/21/98	CHOMH1
	FA4	Rm	HPEL	06/21/98	CHOMH1

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
052	VB2	Zp	Citizen	Spring 98	LCHMH
	WB4	Zp	Citizen	Spring 98	LCHMH
	YB4	Zp	Citizen	Spring 98	LCHMH
055	North of Thomas Point	Va, Ms	USGS	08/24/98	POTOH
	North of Thomas Point	Va	USGS	08/24/98	POTOH
	North of Thomas Point	Va, Hd	USGS	08/24/98	POTOH
	South of Smith Point	Va, Hd	USGS	08/24/98	POTOH
	South of Smith Point	Va, Hd	USGS	08/24/98	POTOH
	S4	Va, Hd, Cd, Ms	USGS	08/24/98	POTOH
	S4	Va, Hd, Cd, Ms	USGS	08/24/98	POTOH
	S4	Va	USGS	08/24/98	POTOH
	S4	Hv, Va, Cd, Hd	USGS	08/24/98	POTOH
	S4	Va, Ms, Cd, Hd, Hv	USGS	08/24/98	POTOH
	S4	Va, Cd, Hd	USGS	08/24/98	POTOH
	S4	Va, Cd, Hd	USGS	08/24/98	POTOH
	S4	Va, Nm, Hv, Cd	USGS	08/24/98	POTOH
	S4	Ms, Va, Hd, Hv, Cd	USGS	08/24/98	POTOH
055	S4	Va, Hv	USGS	08/24/98	POTOH
	T4	Va, Hv, Nm	USGS	08/24/98	POTOH
	T4	Hv	USGS	08/24/98	POTOH
	U1	Va, Hv	USGS	08/24/98	POTOH
	North of U1	Hv, Va	USGS	09/16/98	POTOH
	North of U1	Va	USGS	09/16/98	POTOH
	South of V1	Va	USGS	09/16/98	POTOH
	South of V1	Va, Hv, Hd, Nm, Cd, Ms	USGS	09/16/98	POTOH
	V1	Hv, Va, Nm, Cd, Hd, Ms	USGS	09/16/98	POTOH
	W4	Va, Hv, Nm, Cd, Ms, Ppc	USGS	09/16/98	POTOH
	West of R4	Hv	USGS	09/17/98	POTOH
	Q4	Hv, Nm, Cd	USGS	09/17/98	POTOH
	Q4	Hv, Nm, Cd	USGS	09/17/98	POTOH
	Q4	Hv, Va, Nm	USGS	09/17/98	POTOH
	Q4	Hv, Nm, Cd, Ms	USGS	09/17/98	POTOH
	Q4	Hv, Nm, Cd, Ms, Hd	USGS	09/17/98	POTOH
	Q4	Hv, Cd, Ms, Nm	USGS	09/17/98	POTOH
	Q4	Hv, Ms, Cd	USGS	09/17/98	POTOH
	Q4	Hv, Ms, Cd, Nm, Va	USGS	09/17/98	POTOH
	Q4	Hv, Ms	USGS	09/17/98	POTOH
	West of P2	Hv, Va, Ms	USGS	09/17/98	POTOH
	P2	Hv, Va, Ms	USGS	09/17/98	POTOH
	East of O2	Hv, Va, Ms, Cd, Nm	USGS	09/17/98	POTOH
	O2	Va	USGS	09/17/98	POTOH
	N4	Hv, Nm, Ms, Va	USGS	09/17/98	POTOH
	West of N4	Hv, Ms, Va, Nm	USGS	09/17/98	POTOH
	M4	Hv, Ms, Nm, Va	USGS	09/17/98	POTOH
	South of M4	Hv	USGS	09/17/98	POTOH
	L4	Hv, Nm, Cd, Ms	USGS	09/17/98	POTOH
	K4	Hv	USGS	09/17/98	POTOH
	K4	Hv	USGS	09/17/98	POTOH
	K4	Hv	USGS	09/17/98	POTOH
	J4	Hv	USGS	09/17/98	POTOH
	West of J4	Hv	USGS	09/17/98	POTOH
	West of J4	Hv	USGS	09/17/98	POTOH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
055	Northeast of G4	Hv	USGS	09/17/98	POTOH
	Northeast of G4	Hv	USGS	09/17/98	POTOH
	I4	Hv	USGS	09/17/98	POTOH
	South of I4	Hv	USGS	09/17/98	POTOH
	H4	Hv	USGS	09/17/98	POTOH
	G4	Hv	USGS	09/17/98	POTOH
	F4	Hv	USGS	09/17/98	POTOH
	South of F4	Hv	USGS	09/17/98	POTOH
	E3	Hv	USGS	09/17/98	POTOH
	West of Gourds Point	Hv, Nm	USGS	09/17/98	POTOH
	Gourds Point	Hv, Nm	USGS	09/17/98	POTOH
	South of Gourds Point	Hv	USGS	09/17/98	POTOH
	North of Watson Point	Va, Hv, Ms, Nm	USGS	09/17/98	POTOH
	Watsons Point	Hv, Nm, Ms	USGS	09/17/98	POTOH
	D3	Hv	USGS	09/17/98	POTOH
	East of D3	Hv	USGS	09/17/98	POTOH
	C4	Hv, Ms, Cd, Nm	USGS	09/17/98	POTOH
	Youbedamn Landing	Va, Hv	USGS	10/16/98	POTOH
	B4	Hv, Nm, Ms, Cd	USGS	10/16/98	POTOH
	B4	Hv, Ms	USGS	10/16/98	POTOH
	B4	Ms, Hv, Cd	USGS	10/16/98	POTOH
	A2	Ms	USGS	10/16/98	POTOH
056	G4	Cd, Ms, Va, U	Citizen	07/27/98	POTOH
	H3	Ms, Va	Citizen	07/27/98	POTOH
	I4	Ms, Va	Citizen	07/27/98	POTOH
	Z3	Cd, Hv, Ms, Va, U	Citizen	07/27/98	POTOH
	Y4	Hv, Ms, Ngu, Va, U	Citizen	08/01/98	POTOH
	X1	Hv, Ms, Ngu, Va, U	Citizen	08/01/98	POTOH
	X1	Cd, Hv, Ms, Nm, Va, U	Citizen	07/27/98	POTOH
	P4	Cd, Hv, Ms, Va	Citizen	07/27/98	POTOH
	V4	Cd, Ec, Hv, Ms, Ngu, Va, U	Citizen	08/01/98	POTOH
	BA4	Cd, Hv, Ms, Va	Citizen	07/27/98	POTOH
	CA3	Cd, Hd, Ms, Va	Citizen	07/27/98	POTOH
	CA3	Cd, Ms, Va	Citizen	07/27/98	POTOH
	EA1	Cd, Ms	Citizen	07/27/98	POTOH
057	Mathias Point Neck	Ppf	Citizen	06/06/98	POTOH
	BA2	Pcr, Ppc, Ppf, Va	Citizen	06/06/98	POTOH
	CA4	Pcr, Ppc, Ppf, Va	Citizen	06/06/98	POTOH
	DA3	Pcr, Ppc, Ppf, Va	Citizen	06/06/98	POTMH
	EA2	Pcr, Ppc, Ppf, Va	Citizen	06/06/98	POTMH
	AA1	Ppc, Va	Citizen	05/24/98	POTOH
	Z2	Ms, Ppc, Ppf, Va	Citizen	06/20/98	POTOH
	Y4	Ms, Ppc, Ppf, Va	Citizen	06/20/98	POTOH
	X4	Ms, Ppc, Ppf, Va	Citizen	06/20/98	POTOH
	W4	Cd, Ms, Ppc, Va, U	Citizen	06/20/98	POTOH
	U4	Ms, Ppc, Va	Citizen	06/20/98	POTOH
	S4	Ms, Ppc, Va	Citizen	06/20/98	POTOH
	Q4	Cd, Ms, Ppc, Zp	Citizen	06/20/98	POTOH
	O4	Cd, Ms, Va	Citizen	08/18/98	POTOH
	M4	Ms, Ppc, Ppf, Va	Citizen	06/20/98	POTOH
	N1	Ms, Ppc, Ppf, Va	Citizen	06/20/98	POTOH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
057	M4	Va	Citizen	08/18/98	POTOH
	L2	Va	Citizen	08/18/98	POTOH
	K4	Ms, Va	Citizen	07/27/98	POTOH
	H4	Ms, Va	Citizen	07/27/98	POTOH
	G2	Cd, Ms, Va	Citizen	07/27/98	POTOH
	F4	Cd, Ms, Va	Citizen	07/27/98	POTOH
	F4	Cd, Ms, Va	Citizen	07/27/98	POTOH
	F4	Cd, Ms, Va	Citizen	07/27/98	POTOH
	F4	Cd, Ms, Va	Citizen	07/27/98	POTOH
	F4	Cd, Ms, Va	Citizen	07/27/98	POTOH
	C4	Cd, Ms, Va	Citizen	07/27/98	POTOH
	C4	Cd, Ec, Ms, Va	Citizen	07/27/98	POTOH
	C4	Cd, Ms, Va	Citizen	07/27/98	POTOH
	C4	Cd, Ec, Ms, Va	Citizen	07/27/98	POTOH
	C4	Cd, Ms, Va	Citizen	07/27/98	POTOH
	A4	Ms, Va	Citizen	07/27/98	POTOH
058	Ravens Crest	Pcr, Ppc, Va	Citizen	05/24/98	POTMH
	South of O4	Pcr, Ppc, Va	Citizen	05/24/98	POTMH
	P2	Pcr, Ppc, Va	Citizen	05/24/98	POTMH
	Q4	Ppc, Va	Citizen	05/24/98	POTMH
060	Saint Thomas Creek	Zp	Citizen	06/04/98	PAXMH
	Saint Thomas Creek	Zp	Citizen	06/04/98	PAXMH
	Saint Thomas Creek	Zp	Citizen	06/04/98	PAXMH
	Broomes Island	Zp	Citizen	06/14/98	PAXMH
061	Osborn Cove	Zp	Citizen	June 98	PAXMH
	Cove Point	Rm	Citizen	08/22/98	CB4MH
062	Tar Bay	Rm	Citizen	05/16/98	CB5MH
064	J2	Ms, Va	Citizen	11/13/98	POTOH
	J2	Ms	USGS	10/06/98	POTOH
	I4	Ms, Va, Hv	USGS	10/06/98	POTOH
	I4	Hv, Ms, Va	USGS	10/06/98	POTOH
	I4	Hv, Ms, Va	USGS	10/06/98	POTOH
	I4	Hv, Nm, Ms, Cd	USGS	10/06/98	POTOH
	I4	Hv, Nm	USGS	10/06/98	POTOH
	I4	Hv, Ms	USGS	10/06/98	POTOH
	I4	Hv	USGS	10/06/98	POTOH
	H2	Hv, Ms	USGS	10/06/98	POTOH
	G4	Hv, Ms	USGS	10/06/98	POTOH
	G4	Hv, Ms	USGS	10/06/98	POTOH
	G4	Cd, Hv	USGS	10/06/98	POTOH
	D4	Hv	USGS	10/06/98	POTOH
	B4	Hv	USGS	10/06/98	POTOH
	East of B4	Hv	USGS	10/06/98	POTOH
	E4	Hv	USGS	10/06/98	POTOH
	F4	Hv, Nm	USGS	10/06/98	POTOH
	F4	Hv, Nm, Va	USGS	10/06/98	POTOH
	F4	Hv, Nm, Ms	USGS	10/06/98	POTOH
	F4	Hv, Nm	USGS	10/06/98	POTOH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
064	L4	Hv, Nm	USGS	10/06/98	POTOH
	L4	Hv, Cd, Ms	USGS	10/06/98	POTOH
	L4	Hv, Nm, Cd	USGS	10/06/98	POTOH
	K2	Ms, Va, Cd	USGS	10/06/98	POTOH
	K2	Ms, Va, Cd	USGS	10/06/98	POTOH
	L4	Hv, Nm, Ms, Cd	USGS	10/06/98	POTOH
	L4	Hv	USGS	10/06/98	POTOH
065	A2	Va, Ms, Cd	USGS	08/24/98	POTOH
	B4	Va, Ms, Cd	USGS	08/24/98	POTOH
	C2	Va, Ppc	USGS	08/24/98	POTOH
	D1	Va, Ppc	USGS	08/24/98	POTOH
	South of D1	Va	USGS	08/24/98	POTOH
	West of F1	Va, Cd	USGS	08/24/98	POTOH
	F1	Va, Hv, Cd, Ms, Nm	USGS	08/24/98	POTOH
066	GA1	Rm, Va	Citizen	07/27/98	POTMH
	AA3	Ms, Va	Citizen	07/27/98	POTMH
	CA4	Cd, Ec, Ms, Pcr, Va	Citizen	07/27/98	POTMH
	DA4	Cd, Ec, Ms, Pcr, Va	Citizen	07/27/98	POTMH
	H4	Cd, Ec, Ms, Pcr, Va	Citizen	07/27/98	POTMH
	J4	Cd, Ec, Ms, Pcr, Va	Citizen	07/27/98	POTMH
	K4	Cd, Ec, Ms, Pcr, Va	Citizen	07/27/98	POTMH
	L4	Cd, Ec, Ms, Pcr, Va	Citizen	07/27/98	POTMH
	L4	Cd, Ec, Ms, Pcr, Va	Citizen	07/27/98	POTMH
	O4	Ms, Pcr, Va	Citizen	07/27/98	POTMH
	P1	Ms, Pcr, Va	Citizen	07/27/98	POTMH
	Q4	Ms, Pcr, Va	Citizen	07/27/98	POTMH
	R4	Ms, Pcr, Va	Citizen	07/27/98	POTMH
	Williams Creek	Va	Citizen	07/27/98	POTMH
	U3	Cd, Ms, Pcr, Ppf, Rm, Va	Citizen	07/27/98	POTMH
	V4	Cd, Ms, Pcr, Rm, Va	Citizen	07/27/98	POTMH
	W4	Cd, Ms, Pcr, Rm, Va	Citizen	07/27/98	POTMH
	X4	Pcr, Va	Citizen	07/27/98	POTMH
	Y2	Pcr, Va	Citizen	07/27/98	POTMH
	HA1	Pcr, Rm, Va	Citizen	07/27/98	POTMH
	IA2	Va	Citizen	07/27/98	POTMH
	JA2	Pcr, Rm, Va	Citizen	07/27/98	POTMH
	KA3	Ms, Pcr, Ppc, Ppf, Va	Citizen	06/06/98	POTMH
	LA4	Ms, Pcr, Ppc, Ppf, Va	Citizen	06/06/98	POTMH
	NA1	Va	Citizen	06/06/98	POTOH
	OA4	Ms, Va, Zp	Citizen	06/06/98	POTOH
	MA2	Ppc	Citizen	06/06/98	POTOH
	E4	Ms	USGS	August 98	POTMH
	D4	Ms	USGS	August 98	POTMH
	W4	Va, Ms, Ppf	USGS	August 98	POTMH
	X4	Va, Ms, Ppf	USGS	August 98	POTMH
	X4	Va, Ms, Ppf	USGS	August 98	POTMH
	Y2	Va, Ms, Ppf	USGS	August 98	POTMH
	AA3	Va	USGS	August 98	POTMH
	AA3	Ms, Va, Rm	USGS	August 98	POTMH
	AA3	Va, Rm	USGS	August 98	POTMH
	AA3	Va, Rm	USGS	August 98	POTMH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
067	B4	Ms, Rm	Citizen	09/20/98	POTMH
	C1	Ms, Ppc, Ppf, Rm, Zp	Citizen	07/05/98	POTMH
	G4	Ms, Ppc, Ppf	Citizen	07/05/98	POTMH
	E1	Rm	Citizen	07/05/98	POTMH
	H1	Ppf	Citizen	07/05/98	POTMH
	J2	Ms, Ppf, Rm	Citizen	08/15/98	POTMH
	K3	Ms, Ppf, Rm	Citizen	08/15/98	POTMH
	L2	Ms, Ppf, Va	Citizen	08/15/98	POTMH
	M4	Ec, Ms, Ppf, Rm, Va	Citizen	08/15/98	POTMH
	N3	Ms, Rm, Va	Citizen	08/15/98	POTMH
	Aqualand Marina	Ms	USGS	August 98	POTMH
	M4	Va, Ppf	USGS	August 98	POTMH
	J2	Ms	USGS	August 98	POTMH
	J2	Rm	USGS	August 98	POTMH
	F4	Ms	USGS	August 98	POTMH
	F4	Ms	USGS	August 98	POTMH
	F4	Ms	USGS	August 98	POTMH
	F4	Ms	USGS	August 98	POTMH
	F4	Ms	USGS	August 98	POTMH
	C1	Rm	USGS	August 98	POTMH
	B4	Ms	USGS	August 98	POTMH
068	South of Rock Point	Rm	Citizen	08/01/98	POTMH
	East of G4	Ms, Rm	Citizen	08/01/98	POTMH
	J2	Rm	Citizen	08/01/98	POTMH
	G4	Ms	Citizen	08/01/98	POTMH
	G4	Ms	Citizen	08/01/98	POTMH
	F4	Ms	Citizen	08/01/98	POTMH
	F4	Ms	Citizen	08/01/98	POTMH
	D4	Ms	Citizen	08/01/98	POTMH
	B4	Rm	Citizen	08/01/98	POTMH
	H4	Ms, Va	Citizen	08/01/98	POTMH
	I3	Ms	Citizen	08/01/98	POTMH
	C2	Rm	USGS	August 98	POTMH
	G4	Ms	USGS	August 98	POTMH
070	Hickory Landing Creek	Zp	Citizen	07/12/98	PAXMH
071	Green Holly Pond	Ms	Citizen	05/07/98	PAXMH
	East of Hominy Creek	Zp	Citizen	05/30/98	PAXMH
	South of Cuckold Creek	U		Citizen	April 98
	PAXMH				
	St. John Creek	Zp	Citizen	05/23/98	PAXMH
	St. John Creek	Zp	Citizen	05/23/98	PAXMH
	South of Fishing Creek	Ms, Ppc	Citizen	Summer 98	CB5MH
	Myrtle Point	Zp	NOAA	Spring 98	PAXMH
074	W. of Hungerford Creek	Ppc	CBL	Spring 98	PAXMH
	B1	Rm	VIMS	October 98	HNGMH
	C1	Rm	VIMS	October 98	HNGMH
	D1	Rm	VIMS	October 98	HNGMH
	E1	Rm	VIMS	October 98	HNGMH
074	G2	Rm	Citizen	06/21/98	HNGMH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
074	E1	Rm, Zp	Citizen	06/21/98	HNGMH
	D1	Rm, Zp	Citizen	06/21/98	HNGMH
078	D4	Ms	Citizen	09/21/98	POTMH
	I2	Ec, Ms	Citizen	09/21/98	POTMH
	F4	Ms	Citizen	09/21/98	POTMH
	L3	Ms	Citizen	09/21/98	POTMH
	C4	Ms	Citizen	09/21/98	POTMH
	C4	Ec, Ms	Citizen	09/21/98	POTMH
	C4	Ms	Citizen	09/21/98	POTMH
	C4	Ms	Citizen	09/21/98	POTMH
080	D3	U	Citizen	07/16/98	POTMH
	H1	U	Citizen	07/16/98	POTMH
	F2	U	Citizen	07/16/98	POTMH
	B4	Rm	Citizen	07/04/98	POTMH
	B4	Rm	VIMS	07/30/98	POTMH
	South of B4	Rm	VIMS	07/30/98	POTMH
	C3	Rm	VIMS	07/30/98	POTMH
	D3	Rm	VIMS	07/30/98	POTMH
	A2	Rm	VIMS	07/30/98	POTMH
083	Bishops Head	Zm	Citizen	10/12/98	HNGMH
	C2	Rm	Citizen	10/12/98	HNGMH
	A2	Rm	SSU	Summer 98	HNGMH
	B1	Rm	SSU	Summer 98	HNGMH
	C2	Rm	SSU	Summer 98	HNGMH
	Bishops Head Point	Rm	CBF	August 98	HNGMH
084	Laws Gut	Rm	Citizen	09/23/98	MANMH
	Little Sound Creek	Rm	Citizen	09/23/98	MANMH
	Laws Thorofare	Rm	Citizen	09/23/98	MANMH
087	Meter	Ec	Citizen	09/21/98	POTMH
	A4	Ec	Citizen	09/21/98	POTMH
	A4	Ec	Citizen	09/21/98	POTMH
	Parham Point	Ec	Citizen	09/21/98	POTMH
	Lee Creek	Ec	Citizen	09/21/98	POTMH
	Drum Bay	Ec	Citizen	09/21/98	POTMH
	Jones Branch	Ec	Citizen	09/21/98	POTMH
	Lower Machodoc Creek	Ec	Citizen	09/21/98	POTMH
	Lower Machodoc Creek	Ec	Citizen	09/21/98	POTMH
	Doyle Creek	Ec	Citizen	09/21/98	POTMH
	Hanley Point	Ec	Citizen	09/21/98	POTMH
	C2	Ec	Citizen	09/21/98	POTMH
	North of C2	Ec	Citizen	09/21/98	POTMH
	B4	Ec	Citizen	09/21/98	POTMH
	D4	Ms, Rm	Citizen	09/21/98	POTMH
	D4	Ms, Rm	Citizen	09/21/98	POTMH
088	Cherry Point Neck	Ms, Rm, Va	Citizen	Summer 98	POTMH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
090	Lake Conoy	Zp	Citizen	05/30/98	POTMH
	Lake Conoy	Zp	Citizen	05/30/98	POTMH
091	Holland Island	Rm	Citizen	06/20/98	TANMH
096	Glebe Creek	Zp	Citizen	04/05/98	POTMH
	Glebe Creek	Zp	Citizen	04/05/98	POTMH
097	Glebe Creek	Zp	Citizen	04/05/98	POTMH
	Glebe Creek	Zp	Citizen	04/05/98	POTMH
	Bridgeman Creek	Zp	Citizen	06/20/98	POTMH
099	L4	Rm, Zm	VIMS	09/23/98	TANMH
	B4	Rm	VIMS	09/23/98	TANMH
	B4	Rm	VIMS	09/23/98	TANMH
	B4	Rm	VIMS	09/23/98	TANMH
	B4	Rm	VIMS	08/18/98	TANMH
	B4	Rm, Zm	VIMS	08/18/98	TANMH
	B4	Rm	VIMS	09/23/98	TANMH
	G2	Rm	VIMS	09/23/98	TANMH
	B4	Zm	VIMS	09/23/98	TANMH
	B4	Zm, Rm	VIMS	09/23/98	TANMH
	B4	Rm, Zm	VIMS	08/18/98	TANMH
	F2	Rm	VIMS	09/23/98	TANMH
	West of A1	Rm	VIMS	08/18/98	TANMH
	B4	Rm	VIMS	08/18/98	TANMH
	B4	Rm	VIMS	08/18/98	TANMH
100	Y1	Zm	VIMS	October 98	TANMH
	U4	Zm	VIMS	October 98	TANMH
	I3	Rm	VIMS	09/23/98	TANMH
	G3	Rm, Zm	VIMS	09/23/98	TANMH
	G3	Rm	VIMS	09/23/98	TANMH
	U4	Zm, Rm	VIMS	09/21/98	TANMH
	U4	Zm, Rm	VIMS	08/20/98	TANMH
	X1	Rm	VIMS	09/21/98	TANMH
	U4	Zm, Rm	VIMS	08/20/98	TANMH
	U4	Zm	VIMS	08/20/98	TANMH
	Northeast of AA3	Rm	VIMS	09/21/98	TANMH
	Northwest of AA3	Rm	VIMS	09/21/98	TANMH
	U4	Rm	VIMS	08/20/98	TANMH
	U4	Rm, Zm	VIMS	09/21/98	TANMH
	B1	Rm	VIMS	08/18/98	TANMH
	B1	Rm, Zm	VIMS	08/18/98	TANMH
105	Lancaster Creek	Cd	LMWG	07/27/98	RPPMH
	Lancaster Creek	Ec	LMWG	07/27/98	RPPMH
	Lancaster Creek	Ec	LMWG	07/27/98	RPPMH
	Lancaster Creek	Ec	LMWG	07/27/98	RPPMH
	Lancaster Creek	Ec	LMWG	07/27/98	RPPMH
	Lancaster Creek	Ec	LMWG	07/27/98	RPPMH
	Lancaster Creek	Cd	LMWG	07/27/98	RPPMH
	Mouth of Balls Branch	Ec	LMWG	07/27/98	RPPMH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
105	Balls Branch	Cd	LMWG	07/27/98	RPPMH
	Ball Branch	Cd	LMWG	07/27/98	RPPMH
106	A2	Rm, Zm	Citizen	07/09/98	CB5MH
	B3	Rm	Citizen	09/24/98	CB5MH
	C1	Rm	Citizen	09/24/98	CB5MH
	D1	Zm	Citizen	07/09/98	CB5MH
	E3	Rm	Citizen	09/24/98	CB5MH
	F1	Rm	Citizen	09/24/98	CB5MH
	G4	Rm	Citizen	09/24/98	CB5MH
	G4	Rm, Zm	Citizen	07/09/98	CB5MH
	H2	Rm, Zm	Citizen	07/09/98	CB5MH
	I1	Rm, Zm	Citizen	09/24/98	CB5MH
	K4	Rm, Zm	Citizen	07/18/98	CB5MH
	J2	Rm, Zm	Citizen	09/24/98	CB5MH
	M1	U	Citizen	09/24/98	CB5MH
	M1	Rm, Zp	VIMS	09/24/98	CB5MH
	Haynie Point	Zp	VIMS	05/28/98	CB5MH
	North of Shell Creek	Zp	VIMS	05/28/98	CB5MH
	G4	Zm, Rm	VIMS	05/28/98	CB5MH
	H2	Rm	VIMS	05/28/98	CB5MH
	K4	Zm, Rm	VIMS	05/28/98	CB5MH
	H2	Rm	VIMS	08/18/98	CB5MH
	G4	Zm, Rm	VIMS	08/18/98	CB5MH
	G4	Rm	VIMS	08/18/98	CB5MH
	G4	Zm, Rm	VIMS	08/18/98	CB5MH
	D1	Zm, Rm	VIMS	08/18/98	CB5MH
107	D3	Zm	VIMS	May 98	TANMH
	F4	Zm	VIMS	May 98	TANMH
	G2	Rm	VIMS	March 98	TANMH
	G2	Zm, Rm	VIMS	May 98	TANMH
	H3	Zm	VIMS	May 98	TANMH
	J2	Zm	VIMS	May 98	TANMH
	J2	Zm	VIMS	May 98	TANMH
	K4	Zm	VIMS	May 98	TANMH
	L1	Zm	VIMS	May 98	TANMH
	D3	Rm, Zm	Citizen	10/10/98	TANMH
	N4	Rm	VIMS	09/23/98	TANMH
	N4	Rm	VIMS	08/18/98	TANMH
	N4	Rm, Zm	VIMS	08/18/98	TANMH
	M2	Rm	VIMS	09/23/98	TANMH
	L1	Rm	VIMS	09/23/98	TANMH
	L1	Rm	VIMS	08/18/98	TANMH
	L1	Rm	VIMS	09/23/98	TANMH
	D3	Rm, Zm	VIMS	08/18/98	TANMH
	D3	Rm	VIMS	08/18/98	TANMH
	D3	Rm	VIMS	09/23/98	TANMH
108	XA1	Rm, Zm	VIMS	09/21/98	POCMH
	KA3	Rm, Zm	VIMS	09/21/98	CB7PH
	HA3	Rm	VIMS	08/20/98	CB7PH
	WA4	Rm	VIMS	09/21/98	POCMH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
108	MA4	Rm	VIMS	08/20/98	CB7PH
	FA4	Rm	VIMS	08/20/98	CB7PH
	W4	Rm	VIMS	08/20/98	CB7PH
109	FB2	Rm, Zm	VIMS	09/21/98	POCMH
	Y3	Rm	VIMS	09/21/98	POCMH
	MA1	Rm	VIMS	09/21/98	POCMH
	J4	Rm	VIMS	09/21/98	POCMH
	NA1	Rm, Zm	VIMS	08/20/98	POCMH
	J4	Zm	VIMS	08/20/98	POCMH
	J4	Rm, Zm	VIMS	08/20/98	POCMH
110	Lagrange Creek	Rm	RRRC	08/15/98	RPPMH
	Senior Creek	Rm	RRRC	06/26/98	CRRMH
	Lowry Creek	Zm	RRRC	06/25/98	CRRMH
111	M1	Rm	VIMS	06/18/98	RPPMH
	B1	Rm	VIMS	06/18/98	RPPMH
	South of Corrotoman Point	Rm	VIMS	06/18/98	CRRMH
	North of Corrotoman Point	Rm	VIMS	06/18/98	CRRMH
	Bell Point	Rm	VIMS	06/18/98	CRRMH
	East of F1	U	RRRC	06/13/98	CRRMH
	South of J3	U	RRRC	06/13/98	CRRMH
	J3	U	RRRC	06/13/98	CRRMH
	K4	U	RRRC	06/13/98	CRRMH
	North of K4	U	RRRC	06/13/98	CRRMH
	Eastern Branch	U	RRRC	06/26/98	CRRMH
	Laurel Point	Rm	RRRC	07/18/98	CRRMH
	Laurel Point	Rm	RRRC	07/18/98	CRRMH
	Eastern Branch	U	RRRC	06/18/98	CRRMH
	East of Bell Creek	U	RRRC	06/18/98	CRRMH
	Bells Creek	U	RRRC	06/18/98	CRRMH
	L4	U	RRRC	06/18/98	CRRMH
	Northeast of I2	U	RRRC	06/18/98	CRRMH
	I2	U	RRRC	06/18/98	CRRMH
	West of I2	U	RRRC	06/18/98	CRRMH
	H4	U	RRRC	08/31/98	CRRMH
	Western Branch	U	RRRC	08/31/98	CRRMH
	F1	Rm	RRRC	07/09/98	CRRMH
	E3	U	RRRC	09/02/98	CRRMH
	South of D3	Rm	RRRC	07/09/98	CRRMH
112	A1	Rm	Citizen	09/17/98	CB5MH
	B2	Rm	Citizen	09/17/98	CB5MH
	I2	Rm	Citizen	09/17/98	CB5MH
	J3	Rm	Citizen	09/17/98	CB5MH
	K1	Rm	Citizen	09/17/98	CB5MH
	L2	Rm	Citizen	09/17/98	CB5MH
	N2	Rm	Citizen	09/17/98	CB5MH
	O2	Rm	Citizen	09/17/98	CB5MH
	P2	Rm	Citizen	09/17/98	CB5MH
	X2	Rm	Citizen	09/17/98	CB5MH
	Y4	Rm	Citizen	09/17/98	CB5MH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
112	BA3	Rm, U	Citizen	09/26/98	CB5MH
	KA2	Rm	Citizen	09/13/98	CB5MH
	MA3	Zm	Citizen	09/20/98	CB5MH
	MA3	Rm	Citizen	09/13/98	CB5MH
	NA3	Rm	Citizen	09/13/98	CB5MH
	OA2	Rm	Citizen	09/13/98	CB5MH
	PA2	Rm	Citizen	09/13/98	CB5MH
	IA2	Rm	VIMS	09/23/98	CB5MH
	IA2	Rm	VIMS	09/23/98	CB5MH
	Y4	Rm	VIMS	09/23/98	CB5MH
	N2	Zm, Rm	VIMS	08/18/98	CB5MH
	L2	Zm, Rm	VIMS	08/18/98	CB5MH
	L2	Rm	VIMS	08/18/98	CB5MH
	L2	Zm, Rm	VIMS	09/23/98	CB5MH
	North of K1	Rm, Zm	VIMS	08/18/98	CB5MH
	K1	Zm	VIMS	09/23/98	CB5MH
113	G4	Rm, Zm	VIMS	09/23/98	CB7PH
	D4	Rm, Zm	VIMS	08/20/98	CB7PH
114	W2	Rm	VIMS	09/21/98	CB7PH
	V3	Rm	VIMS	09/21/98	CB7PH
	North of S2	Rm, Zm	VIMS	09/21/98	CB7PH
	J4	Rm	VIMS	08/18/98	CB7PH
	O1	Rm	VIMS	09/21/98	CB7PH
	J4	Rm, Zm	VIMS	08/20/98	CB7PH
	J4	Rm, Zm	VIMS	08/20/98	CB7PH
	M3	Rm	VIMS	09/23/98	CB7PH
	J4	Zm	VIMS	08/18/98	CB7PH
	J4	Rm	VIMS	09/23/98	CB7PH
	I3	Zm, Rm	VIMS	09/23/98	CB7PH
117	Piankatank River	Zp	VIMS	06/16/98	PIAMH
118	B1	Zm	VIMS	April 98	PIAMH
	C3	Zm	VIMS	April 98	PIAMH
	D3	Rm	VIMS	05/29/98	PIAMH
	E3	Rm	VIMS	05/29/98	PIAMH
119	GA1	Rm	VIMS	08/20/98	CB7PH
	N2	Rm, Zm	VIMS	08/21/98	CB7PH
	South of N2	Rm, Zm	VIMS	09/24/98	CB7PH
	D2	Zm, Rm	VIMS	08/21/98	CB7PH
	East of C4	Rm	VIMS	09/24/98	CB7PH
121	Guthrie Creek	Ppc	Citizen	06/27/98	YRKMh
123	J3	Zm	VIMS	May 98	PIAMH
	T2	Rm	VIMS	May 98	PIAMH
	U2	Rm	VIMS	May 98	PIAMH
	AA1	Zm	VIMS	May 98	PIAMH
	S4	Zm	VIMS	06/16/98	PIAMH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
123	M4	Zm	VIMS	08/18/98	CB6PH
124	C2	Rm, Zm	Citizen	06/18/98	CB7PH
	D4	Zm	Citizen	06/18/98	CB7PH
	C2	Rm, Zm	Citizen	06/18/98	CB7PH
	D4	Zm	Citizen	06/18/98	CB7PH
	E4	Zm	Citizen	06/18/98	CB7PH
	I4	Rm, Zm	Citizen	06/18/98	CB7PH
	I4	Zm	Citizen	06/18/98	CB7PH
	J3	Rm, Zm	Citizen	06/18/98	CB7PH
	L2	Zm	Citizen	06/18/98	CB7PH
	O4	Zm	Citizen	06/18/98	CB7PH
	P2	Zm	Citizen	06/18/98	CB7PH
	Q4	Rm, Zm	Citizen	06/18/98	CB7PH
	EA2	Zm	VIMS	09/24/98	CB7PH
	S3	Rm	VIMS	08/21/98	CB7PH
	Q4	Rm	VIMS	09/24/98	CB7PH
	Q4	Zm, Rm	VIMS	09/24/98	CB7PH
	D4	Zm, Rm	VIMS	09/24/98	CB7PH
	C2	Rm, Zm	VIMS	08/21/98	CB7PH
125	Herring Creek	Ec	VIMS	10/21/98	JMSTF
126	Wards Creek	Cd	VIMS	08/17/98	JMSTF
127	East of LA4	Nm, Cd	VIMS	08/17/98	CHKOH
	NA4	Nm, Cd	VIMS	08/17/98	CHKOH
	South of QA4	Nm, Cd	VIMS	08/17/98	CHKOH
	Old Neck Creek	Nm, Cd	VIMS	08/17/98	CHKOH
	East of DA4	Nm, Cd	VIMS	08/17/98	CHKOH
	CA4	Nm, Cd	VIMS	08/17/98	CHKOH
	East of Y4	Nm, Cd	VIMS	08/17/98	CHKOH
	V3	Nm, Cd	VIMS	08/17/98	CHKOH
	Kennon Creek	Cd, Ec	VIMS	08/17/98	JMSTF
	South of W4	Nm, Cd	VIMS	08/17/98	CHKOH
	West of T4	Nm, Cd	VIMS	08/17/98	CHKOH
	R4	Nm, Cd	VIMS	08/17/98	CHKOH
	Netts Creek	Nm	VIMS	08/17/98	CHKOH
	East of J4	Nm, Cd	VIMS	08/17/98	CHKOH
	East of J4	Nm, Cd	VIMS	08/17/98	CHKOH
	East of I4	Nm, Cd	VIMS	08/17/98	CHKOH
128	W4	Nm, Cd	VIMS	08/17/98	CHKOH
	West of S4	Nm, Cd	VIMS	08/17/98	CHKOH
	R4	Nm, Cd	VIMS	08/17/98	CHKOH
	West of O4	Nm, Cd	VIMS	08/17/98	CHKOH
	N4	Nm, Cd	VIMS	08/17/98	CHKOH
	Gordon Creek	Nm, Cd	VIMS	08/17/98	CHKOH
	N4	Nm, Cd	VIMS	08/17/98	CHKOH
	Gordon Creek	Nm, Cd	VIMS	08/17/98	CHKOH
	Nettles Creek	Cd, Nm	VIMS	08/17/98	CHKOH
	K4	Nm, Cd	VIMS	08/17/98	CHKOH
	I4	Nm, Cd	VIMS	08/17/98	CHKOH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
128	Gordon Creek G4	Nm, Cd	VIMS	08/17/98	CHKOH
		Nm, Cd	VIMS	08/17/98	CHKOH
131	C4	Rm	VIMS	May 98	YRKPH
	C4	Zm	VIMS	May 98	YRKPH
	G4	Zm	VIMS	April 98	YRKPH
	G4	Rm	VIMS	April 98	YRKPH
	G4	Zm	VIMS	June 98	MOBPH
	O4	Zm	VIMS	May 98	MOBPH
	U2	Zm	VIMS	May 98	MOBPH
	X4	Zm	VIMS	May 98	MOBPH
	C4	Zm	VIMS	05/16/98	YRKPH
	G4	Zm, Rm	VIMS	05/17/98	MOBPH
	O4	Zm, Rm	VIMS	05/20/98	MOBPH
	XA4	Zm, Rm	VIMS	05/19/98	MOBPH
	XA4	Zm, Rm	VIMS	08/19/98	MOBPH
	PA4	Zm, Rm	VIMS	08/19/98	MOBPH
	PA4	Zm, Rm	VIMS	08/19/98	MOBPH
	X4	Zm, Rm	VIMS	08/19/98	MOBPH
	X4	Zm	VIMS	09/24/98	MOBPH
	O4	Zm	VIMS	09/24/98	MOBPH
	O4	Zm, Rm	VIMS	08/19/98	MOBPH
	O4	Zm, Rm	VIMS	08/19/98	MOBPH
	G4	Zm, Rm	VIMS	08/19/98	MOBPH
	G4	Zm, Rm	VIMS	08/19/98	YRKPH
	C4	Zm, Rm	VIMS	08/19/98	YRKPH
132	E4	Rm, Zm	VIMS	05/21/98	MOBPH
	O4	Rm, Zm	VIMS	05/19/98	MOBPH
	I4	Rm, Zm	Citizen	09/05/98	MOBPH
	J4	Rm, Zm	Citizen	09/05/98	MOBPH
	MA1	Rm	Citizen	09/05/98	MOBPH
	L4	Rm	Citizen	09/05/98	MOBPH
	L4	Rm	Citizen	09/25/98	MOBPH
	M4	Rm, Zm	Citizen	09/05/98	MOBPH
	M4	Rm, Zm	Citizen	08/30/98	MOBPH
	N4	Rm	Citizen	08/30/98	MOBPH
	Pepper Creek	Rm	Citizen	08/30/98	MOBPH
	O4	Rm, Zm	Citizen	08/30/98	MOBPH
	P2	Rm, Zm	Citizen	08/30/98	MOBPH
	R4	Rm, Zm	Citizen	08/14/98	MOBPH
	R4	Rm, Zm	Citizen	08/14/98	MOBPH
	S2	Rm	Citizen	08/14/98	MOBPH
	T2	Rm	Citizen	08/14/98	MOBPH
	U1	Rm, Zm	Citizen	08/14/98	MOBPH
	M4	Rm	Citizen	08/23/98	MOBPH
	N4	Rm	Citizen	08/23/98	MOBPH
	O4	Rm, Zm	Citizen	09/14/98	MOBPH
	R4	Rm, Zm	Citizen	09/14/98	MOBPH
	R4	Rm	Citizen	09/14/98	MOBPH
	J4	Zm, Rm	VIMS	08/19/98	MOBPH
	J4	Zm, Rm	VIMS	09/24/98	MOBPH
	J4	Zm, Rm	VIMS	08/19/98	MOBPH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
132	JA4	Zm	VIMS	09/24/98	CB6PH
	CA4	Zm, Rm	VIMS	08/21/98	CB6PH
	BA2	Zm, Rm	VIMS	09/24/98	CB6PH
	O4	Zm, Rm	VIMS	09/24/98	MOBPH
	O4	Zm, Rm	VIMS	08/19/98	MOBPH
	R4	Zm, Rm	VIMS	08/19/98	MOBPH
	East of H4	Zm, Rm	VIMS	08/19/98	MOBPH
	D4	Rm, Zm	VIMS	09/24/98	MOBPH
	B2	Zm	VIMS	09/21/98	MOBPH
	D4	Rm, Zm	VIMS	09/24/98	MOBPH
	F2	Rm, Zm	VIMS	09/24/98	MOBPH
	C3	Zm, Rm	VIMS	08/19/98	MOBPH
	A1	Zm, Rm	VIMS	08/19/98	MOBPH
	E4	Zm	VIMS	09/21/98	MOBPH
	E4	Zm	VIMS	09/21/98	MOBPH
	A1	Zm, Rm	VIMS	08/19/98	MOBPH
133	B4	Zm	VIMS	November 98	CB7PH
	C1	Zm	VIMS	November 98	CB7PH
	B4	Zm	VIMS	06/02/98	CB7PH
134	B3	Zm	VIMS	09/24/98	CB7PH
	D4	Zm, Rm	VIMS	09/24/98	CB7PH
135	North of Q4	Cd	VIMS	08/17/98	JMSTF
	J3	Cd, Nm	VIMS	08/17/98	JMSTF
	D4	Cd, Nm	VIMS	08/17/98	JMSTF
136	Upper Chippokes Creek	Cd	VIMS	08/17/98	JMSTF
137	The Thorofare	Cd	VIMS	10/20/98	JMSOH
	I4	Cd	VIMS	10/20/98	JMSOH
	Grays Creek	Cd	VIMS	10/20/98	JMSOH
138	College Creek	Cd	VIMS	10/20/98	JMSOH
	West of A3	Cd	VIMS	10/20/98	JMSOH
	Mill Creek	Cd	VIMS	10/20/98	JMSOH
	Chippokes Creek	Cd	VIMS	10/20/98	JMSOH
139	A1	Zm	VIMS	April 98	YRKPH
	B2	Zm	VIMS	April 98	YRKPH
	C1	Zm	VIMS	June 98	YRKPH
	D1	Zm	VIMS	June 98	YRKPH
140	A2	Zm	VIMS	April 98	YRKPH
	B4	Zm	VIMS	April 98	YRKPH
	E1	Zm	VIMS	April 98	YRKPH
	F1	Zm	VIMS	April 98	YRKPH
	G2	Zm	VIMS	April 98	YRKPH
	P4	Zm, Rm	VIMS	June 98	MOBPH
	O2	Zm, Rm	VIMS	June 98	MOBPH
	Z3	Zm	VIMS	June 98	MOBPH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
140	AA2	Zm	VIMS	June 98	MOBPH
	CA4	Zm	VIMS	June 98	MOBPH
	FA3	Rm, Zm	Citizen	07/20/98	MOBPH
	EA2	Rm, Zm	Citizen	07/20/98	MOBPH
	V3	Rm, Zm	Citizen	07/20/98	MOBPH
	U2	Rm, Zm	Citizen	07/20/98	MOBPH
	M2	Rm	Citizen	07/20/98	MOBPH
	K2	Zm	VIMS	09/21/98	MOBPH
	K2	Zm, Rm	VIMS	08/20/98	MOBPH
	J4	Zm, Rm	VIMS	08/20/98	MOBPH
	R2	Zm	VIMS	09/21/98	MOBPH
	R2	Zm, Rm	VIMS	08/20/98	MOBPH
	P4	Zm, Rm	VIMS	08/20/98	MOBPH
141	B4	Rm, Zm	Citizen	08/17/98	MOBPH
	D4	Rm, Zm	Citizen	08/17/98	MOBPH
	E4	Rm, Zm	Citizen	08/17/98	MOBPH
	F4	Rm, Zm	Citizen	08/17/98	MOBPH
	G4	Zm	Citizen	08/17/98	MOBPH
	H3	Zm	Citizen	08/17/98	MOBPH
	P2	Zm, Rm	VIMS	09/21/98	MOBPH
	H3	Zm, Rm	VIMS	09/21/98	MOBPH
	O3	Zm	VIMS	09/21/98	MOBPH
	J4	Rm	VIMS	09/21/98	MOBPH
	J4	Rm	VIMS	09/21/98	MOBPH
	J4	Rm	VIMS	09/21/98	MOBPH
	J4	Zm, Rm	VIMS	08/20/98	MOBPH
	N4	Zm, Rm	VIMS	08/20/98	MOBPH
	N4	Zm	VIMS	09/21/98	MOBPH
	K2	Zm, Rm	VIMS	08/20/98	MOBPH
	K2	Rm, Zm	VIMS	09/21/98	MOBPH
	J4	Zm, Rm	VIMS	08/20/98	MOBPH
	K2	Zm, Rm	VIMS	09/21/98	MOBPH
	J4	Zm	VIMS	09/21/98	MOBPH
	East of L2	Zm	VIMS	09/21/98	MOBPH
	L2	Zm	VIMS	09/21/98	MOBPH
143	Skidmore Island	Zm	VIMS	11/02/98	SVCPH
147	B2	Zm	VIMS	May 98	JMSPH
	C3	Zm	VIMS	May 98	JMSPH
	D1	Zm	VIMS	May 98	JMSPH
	O3	Zm	Citizen	05/16/98	MOBPH
	Q4	Zm	Citizen	05/16/98	MOBPH
	N4	Zm	Citizen	05/16/98	MOBPH
	East of K4	Rm, Zm	Citizen	05/16/98	MOBPH
	M4	Zm	Citizen	05/16/98	MOBPH
	L4	Zm	Citizen	05/16/98	MOBPH
	K4	Rm, Zm	Citizen	05/16/98	MOBPH
	West of M4	Rm, Zm	Citizen	05/16/98	MOBPH
	G4	Zm	Citizen	05/16/98	MOBPH
	H4	Rm, Zm	Citizen	05/16/98	MOBPH
	Q4	Zm, Rm	VIMS	08/20/98	MOBPH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
149	B1	Zm	VIMS	05/07/98	JMSPH
151	B1	Zm	VIMS	April-May 98	CB8PH
	A3	Rm	VIMS	05/06/98	CB8PH
152	A2	Rm	VIMS	May 98	LYNPH
	D1	Rm	VIMS	May 98	LYNPH
	E1	Rm	VIMS	May 98	LYNPH
	F3	Rm	VIMS	May 98	LYNPH
	G3	Zm	VIMS	May 98	LYNPH
	H3	Zm	VIMS	May 98	LYNPH
	I2	Zm	VIMS	May 98	LYNPH
	J1	Zm	VIMS	May 98	LYNPH
	C1	Rm	VIMS	05/06/98	LYNPH
	Long Creek	Rm	VIMS	05/06/98	LYNPH
	F3	Zm	VIMS	05/06/98	LYNPH
	H3	Zm	VIMS	05/06/98	LYNPH
	South of B1	Zm	Citizen	June 98	LYNPH
	H3	Zm	CBYCC	07/20/98	LYNPH
152	I2	Zm	CBYCC	07/20/98	LYNPH
	J1	Zm	CBYCC	07/20/98	LYNPH
	East of J1	Rm	CBYCC	07/20/98	LYNPH
159	Spyglass Island	Cd, Hv, Pcr	Citizen	07/18/98	PAXTF
	West of Wilson Owens Branch	Cd, Ec, Pcr	PRP	07/02/98	PAXTF
	Back Channel	Cd, Hv	Citizen	07/18/98	PAXTF
	West of Back Channel	Hv	Citizen	07/18/98	PAXTF
	East of Wells Corner	Cd, Ec, Hv, Ngu, Va, Zp	PRP	07/02/98	PAXTF
	North of Rt. 4 Bridge	Cd, Ec, Hv, Pcr, Ppu	PRP	07/02/98	PAXTF
	North of Rt. 4 Bridge	Hv, Pcr	Citizen	07/18/98	PAXTF
	Mill Creek	Cd, Ec, Hv, Ngu	Citizen	07/18/98	PAXTF
	East of H4	Cd, Ec, Hv, Ngu, Pcr, Ppu, Va	PRP	07/02/98	PAXTF
	South of G3	Cd	Citizen	07/18/98	PAXTF
	F3	Ec, Hv, Ngr, Ngu, Nm	PRP	07/02/98	PAXTF
	West of E4	Ec, Hv, Ngr, Ngu, Pcr	PRP	07/02/98	PAXTF
	South of E4	Ngu	PRP	07/02/98	PAXTF
	West of Railroad Creek	Cd, Hv, Ppu	JBWS	08/02/98	PAXTF
	Western Branch	Cd, Ec, Hv, Ngr, Nm, Pcr, Ppu	PRP	07/07/98	WBRTF
	North of D4	Zp	PRP	07/07/98	PAXTF
	South of Mt. Calvert	Ppu	PRP	07/07/98	PAXTF
	D4	Cd, Ec, Hv, Nm	PRP	07/07/98	PAXTF
	Northwest of C4	Ec, Hv, Nm	PRP	07/07/98	PAXTF
	Jug Bay	Hv, Nm	PRP	07/09/98	PAXTF
	E4	Hv, Ppu	JBWS	08/02/98	PAXTF
	East of G3	Cd, Ec, Hv, Ngu, Ppu	JBWS	08/02/98	PAXTF
	H4	Cd, Ec, Hv, N, Ngu, Pcr, Ppf	JBWS	08/02/98	PAXTF
161	Potomac River	Va	USGS	09/16/98	POTTF
165	St. Martin River	Rm	Ocean Pines	July 98	IOWPH
	Saltgrass Point	Rm	Ocean Pines	July 98	IOWPH
	South of Rt. 90 Bridge	Rm	Ocean Pines	July 98	IOWPH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
165	North of Haystack Pond	Rm	Ocean Pines	July 98	IOWPH
	South of Haystack Pond	Rm	Ocean Pines	July 98	IOWPH
	South Ocean Pines	Rm	Ocean Pines	July 98	IOWPH
166	A3	Rm	SSU	June 98	AAWPH
	B2	Rm	SSU	June 98	AAWPH
	C2	Rm	SSU	June 98	AAWPH
	D2	Rm	SSU	June 98	AAWPH
	E2	Rm	SSU	June 98	AAWPH
	F2	Zm	SSU	June 98	AAWPH
	F2	Zm	SSU	June 98	AAWPH
	G2	Zm	SSU	June 98	IOWPH
	G2	Zm	SSU	June 98	IOWPH
	H4	Rm	SSU	June 98	IOWPH
	I4	Rm	SSU	June 98	IOWPH
	J1	Rm	SSU	June 98	IOWPH
	Isle of Wight	Zm	Ocean Pines	July 98	IOWPH
	Smokehouse Cove	Rm	Ocean Pines	July 98	IOWPH
	Smokehouse Cove	Rm	Ocean Pines	July 98	IOWPH
	Cedar Point	Rm	Ocean Pines	July 98	IOWPH
167	D2	Zm	SSU	August 98	SPXPH
	E3	Zm	SSU	August 98	SPXPH
169	Robins Creek	Rm	SSU	June 98	CHNPH
	Public Landing	Zm	SSU	July 98	CHNPH
172	EA3	Zm, Rm	VIMS	08/03/98	CHNPH
	V1	Zm	VIMS	08/03/98	CHNPH
	W2	Zm	VIMS	08/03/98	CHNPH
	V1	Zm	SSU	07/31/98	CHNPH
	X3	Zm	SSU	07/31/98	CHNPH
	Y4	Zm	SSU	07/31/98	CHNPH
	CA2	Zm	SSU	07/31/98	CHNPH
	Boxiron Creek	Rm	SSU	August 98	CHNPH
	Big Bay Marsh	Rm	SSU	August 98	CHNPH
175	O4	Rm	Citizen	09/27/98	CHNPH
	E4	Rm	Citizen	09/27/98	CHNPH
	E4	Rm, Zm	Citizen	09/27/98	CHNPH
	H2	Rm, Zm	Citizen	09/27/98	CHNPH
	F2	Rm, Zm	Citizen	09/27/98	CHNPH
	E4	Rm	Citizen	09/27/98	CHNPH
	E4	Zm	VIMS	06/02/98	CHNPH
	E4	Zm	VIMS	08/03/98	CHNPH
	E4	Zm	VIMS	08/03/98	CHNPH
	L4	Zm	VIMS	08/03/98	CHNPH
	E4	Zm	VIMS	08/03/98	CHNPH
	B4	Zm	VIMS	06/02/98	CHNPH
	E4	Zm	VIMS	07/13/98	CHNPH
	E4	Zm	VIMS	07/13/98	CHNPH
	E4	Zm	VIMS	07/13/98	CHNPH
	E4	Zm	VIMS	07/13/98	CHNPH
	D3	Zm	VIMS	07/13/98	CHNPH

Quad	1998 Bed	Species*	Surveyor**	Survey Date	Segment
175	E4	Zm	VIMS	07/13/98	CHNPH
	E4	Zm	VIMS	07/13/98	CHNPH
	E4	Zm	VIMS	07/13/98	CHNPH
	E4	Zm	VIMS	07/13/98	CHNPH
	E4	Zm	VIMS	07/13/98	CHNPH
	E4	Zm	VIMS	07/13/98	CHNPH
176	A3	Hv	USGS	09/03/98	POTTF
	Anacostia River	Va	USGS	09/03/98	POTTF
179	West of B4	Rm	VIMS	08/18/98	TANMH
186	A1	Zm	VIMS	January 98	CB7PH
	B2	Zm	VIMS	April 98	CB7PH
	C1	Zm, Rm	VIMS	January 98	CB7PH
	D4	Zm, Rm	VIMS	April 98	CB7PH