

Table 4. Gloucester County, Virginia Shoreline Attributes - Riparian Land Use (miles) - River System Summary 2014

RIVER SYSTEM	TOTAL* MILES SURVEYED	AGRICULTURE			BARE			COMMERCIAL			FOREST total	GRASS			INDUSTRIAL			PAVED			RESIDENTIAL			SCRUB-SHRUB			TIMBERED		
		no tree buffer	tree fringe	total	no tree buffer	tree fringe	total	no tree buffer	tree fringe	total		no tree buffer	tree fringe	total	no tree buffer	tree fringe	total	no tree buffer	tree fringe	total	no tree buffer	tree fringe	total	no tree buffer	tree fringe	total	no tree buffer	tree fringe	total
Aberdeen Creek	8	0	1	1	0	0	0	<1	0	<1	4	0	0	0	0	0	0	0	0	0	2	1	3	<1	0	<1	0	0	0
Adams Creek	30	<1	5	5	0	0	0	0	0	0	13	0	1	1	0	0	0	<1	0	<1	1	1	1	10	0	10	0	0	0
Carter Creek	14	0	3	3	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	2	2	4	0	0	0	0	0	0
Cedarbush Creek	7	0	1	1	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3	1	4	0	0	0	0	0	0
Mobjack Bay	50	<1	0	<1	0	0	0	<1	0	<1	5	2	0	2	0	0	0	2	0	2	5	<1	5	36	0	36	0	0	0
North River	34	1	3	4	0	0	0	0	0	0	4	1	<1	1	0	0	0	1	<1	1	22	2	24	1	0	1	0	<1	<1
Perrin River	9	<1	<1	1	0	0	0	1	0	1	1	<1	<1	<1	0	0	0	<1	<1	<1	4	<1	4	2	0	2	0	0	0
Piankatank River	46	0	0	0	0	0	0	1	0	1	28	0	<1	<1	0	0	0	<1	<1	<1	10	5	15	2	0	2	0	0	0
Poropotank River	39	1	2	3	0	0	0	0	0	0	26	<1	<1	<1	0	0	0	0	0	0	<1	3	3	0	6	6	0	0	0
Sarah Creek	20	1	1	1	0	0	0	1	0	1	2	<1	0	<1	0	0	0	<1	<1	<1	13	2	15	<1	<1	<1	0	0	0
Severn River	115	5	6	11	0	0	0	1	<1	1	46	2	<1	3	0	0	0	2	0	2	32	4	36	17	0	17	0	0	0
Timberneck Creek	12	0	2	2	0	0	0	0	0	0	3	1	0	1	0	0	0	<1	0	<1	4	1	5	<1	0	<1	0	0	0
Ware River	77	1	5	7	0	0	0	<1	0	<1	34	<1	<1	1	0	0	0	<1	<1	<1	30	4	34	1	0	1	0	0	0
York River	106	1	5	5	0	0	0	2	0	2	39	1	<1	1	0	0	0	1	0	1	23	7	31	28	<1	28	0	0	0
Total	569	11	33	44	0	0	0	6	<1	6	215	7	2	10	0	0	0	5	<1	6	152	32	184	98	6	104	0	<1	<1

*Total = does not include detached marsh or marsh island shoreline

Note: Numbers have been rounded. Summing numbers across rows or down columns may not necessarily equal the exact total whole number shown.

Table 5.Gloucester County, Virginia Shoreline Attributes - Riparian Bank Condition - River System Summary 2014

RIVER SYSTEM	TOTAL* MILES SURVEYED	BANK COVER (miles)			BANK HEIGHT (miles)			BANK STABILITY (miles)		
		bare	partial	total	0-5 feet	5-30 feet	>30 feet	stable	unstable	unknown
Aberdeen Creek	8	0	0	8	8	<1	0	8	0	0
Adams Creek	30	0	0	30	30	0	0	30	0	<1
Carter Creek	14	0	0	14	14	<1	0	14	0	0
Cedarbush Creek	7	0	0	7	6	1	0	7	0	0
Mobjack Bay	50	0	0	50	50	0	0	50	0	0
North River	34	0	0	34	34	<1	0	34	0	0
Perrin River	9	0	0	9	9	0	0	9	0	0
Piankatank River	46	0	<1	46	36	11	0	45	<1	1
Poropotank River	39	0	0	39	39	<1	0	38	0	<1
Sarah Creek	20	0	0	20	17	3	0	20	0	0
Severn River	115	0	0	115	115	0	0	115	0	<1
Timberneck Creek	12	0	0	12	10	2	0	12	0	<1
Ware River	77	0	0	77	72	5	0	75	<1	1
York River	106	<1	<1	106	102	4	0	104	1	2
Total	569	<1	<1	569	541	28	0	563	1	5

*Total = does not include detached marsh or marsh island shoreline
Note: Numbers have been rounded. Summing numbers across rows or down columns may not necessarily equal the exact total whole number shown.

Table 6. Gloucester County, Virginia Shoreline Attributes - Natural Buffers, *Phragmites australis* and Marsh Survey Dates - River System Summary 2014

RIVER SYSTEM	BEACH (miles)	# Wetland Polygons field checked		Marsh Type (acres)					MARSH												PHRAGMITES ³ (percent of field checked marshes)	MARSH SURVEY DATES	
									Community Type ¹ (acres)														
		total	embayed	extensive	fringe	marsh island	total	I	II	III	IV	V	VI	VII	VIII ²	IX	X	XI	XII	DNS ^{**}			
Aberdeen Creek	<1	34	34	37	2	21	0	60	60	0	0	0	0	0	0	0	0	0	0	<1	0	94	6/25/2010
Adams Creek	0	31	31	102	260	<1	0	363	325	0	0	0	0	0	0	0	0	0	0	38	0	61	6/29/2010, 7/15/2010
Carter Creek	<1	43	41	80	79	5	0	164	139	0	0	0	0	0	0	0	0	0	0	0	25	88	6/23/2010, 6/25/2010
Cedarbush Creek	0	39	39	28	29	10	0	67	67	0	0	0	0	0	0	0	0	0	0	0	0	18	6/23/2010
Mobjack Bay	<1	77	4	35	1164	161	150	1509	88	0	0	0	0	0	0	0	0	0	0	0	1420	75	6/21/2010
North River	1	265	111	21	0	147	<1	168	8	0	<1	0	0	0	0	0	0	0	0	57	103	6	6/9/2014, 7/8/2014
Perrin River	<1	54	30	50	0	14	<1	64	5	0	0	0	0	0	0	0	0	0	0	8	51	37	6/21-22/2010
Piankatank River	3	218	166	76	104	202	3	384	7	0	3	<1	8	0	0	<1	0	0	6	33	326	8	6/9, 6/11, 7/8/2014
Poropotank River	<1	53	40	148	255	9	0	412	273	0	0	0	0	0	0	0	0	0	0	92	47	82	6/29/2010, 7/15/2010
Sarah Creek	1	203	171	13	0	14	<1	27	14	<1	0	<1	0	0	0	1	0	0	0	3	9	6	6/22/2010, 6/25/2010
Severn River	1	606	303	172	239	852	2	1265	41	0	2	0	0	0	0	3	0	0	0	344	875	26	6/9/2014, 6/11/2014
Timberneck Creek	<1	49	48	20	51	16	<1	88	84	0	0	0	0	0	0	0	0	0	0	<1	3	56	6/23/2010
Ware River	3	399	251	115	67	624	9	815	101	0	31	0	0	0	0	1	0	0	0	109	573	13	6/9, 6/11-12, 7/8/2014
York River	10	301	252	372	736	53	105	1266	1144	4	3	<1	0	0	0	9	0	0	0	20	86	44	6/21-23, 6/25, 6/28-29/2010, 7/15/2010, 9/18/2014
Total	20	2372	1521	1270	2986	2127	269	6652	2357	4	40	<1	8	0	0	14	0	0	6	704	3519		

**DNS = Did Not Survey

- ¹Community Type:
- I = Saltmarsh Cordgrass / low marsh
II = Saltmeadow / high marsh
III = Black Needlerush
IV = Saltbush
V = Big Cordgrass
VI = Cattail

VII = Arrow Arum – Pickerel Weed
VIII = Reed Grass (*Phragmites australis*)
IX = Yellow Pond Lily
X = Saltwort
XI = Freshwater mix
XII = Brackish mix

²Type VIII - Field checked marshes where *Phragmites australis* was estimated to cover >50% marsh area.

³Phragmites - percent of field checked marshes where *Phragmites australis* is present in any amount.

Table 7. Gloucester County, Virginia Shoreline Attributes - Shoreline Features - River System Summary 2014

RIVER SYSTEM	TOTAL* MILES SURVEYED	Number									Miles							
		docks	dilapidated	boathouses	ramps		marinas		wharfs	jetties	bulkhead	dilapidated	debris	marsh toe	riprap	unconventional	breakwater	groinfields
			docks		private	public	<50 slips	>50 slips				bulkhead		revetment				
Aberdeen Creek	8	24	0	4	4	0	1	0	0	0	<1	0	0	0	<1	0	0	0
Adams Creek	30	8	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Carter Creek	14	22	1	0	0	0	0	0	0	0	0	0	0	0	<1	0	0	0
Cedarbush Creek	7	29	6	6	1	1	0	0	0	0	<1	0	0	<1	<1	0	0	0
Mobjack Bay	50	6	0	0	2	1	0	0	0	0	<1	<1	0	0	<1	<1	0	0
North River	34	120	7	23	10	0	0	0	0	0	<1	0	<1	1	2	<1	<1	<1
Perrin River	9	39	5	3	9	0	2	1	0	0	<1	0	0	<1	<1	0	<1	<1
Piankatank River	46	185	9	32	9	1	0	0	0	0	2	0	0	<1	1	0	<1	<1
Poropotank River	39	33	1	12	0	1	0	0	0	0	<1	0	0	0	<1	0	0	0
Sarah Creek	20	217	2	35	11	0	6	2	0	0	3	0	0	<1	3	<1	<1	<1
Severn River	115	217	16	31	26	3	2	1	0	0	2	<1	0	1	2	<1	<1	<1
Timberneck Creek	12	27	4	2	2	0	1	0	0	0	<1	0	0	<1	<1	0	<1	0
Ware River	77	196	6	31	13	2	0	0	0	3	2	0	<1	1	4	<1	1	<1
York River	106	204	28	68	21	3	1	0	0	4	3	<1	0	<1	7	0	2	3
Total	569	1327	85	249	108	12	13	4	1	7	13	<1	<1	3	20	1	4	3

*Total = does not include detached marsh or marsh island shoreline
Note: Numbers have been rounded. Summing numbers across rows or down columns may not necessarily equal the exact total whole number shown.