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Summary Tables: 2018 Caroline County, Virginia Shoreline Inventory

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TOTAL*		AGRICULTURE		BARE		COMMERCIAL		FOREST GRASS		INDUSTRIAL		MILITARY		PAVED			RESIDENTIAL		SCRUB-SHRUB		UB	TIMBERED		D								
RIVER SYSTEM	MILES SURVEYED	no tree buffer		total	no tree buffer	tree fringe	total	no tree buffer		total	total	no tree buffer		total	no tree buffer	tree fringe	total	no tree buffer	tree fringe	total	no tree buffer		total	no tree buffer		total	no tree buffer	tree fringe	total	no tree buffer	tree fringe	total
Peumansend Creek	5	0	1	1	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	<1	0	<1	0	<1	<1	0	0	0	0	0	0
Portobago Creek	1	0	0	0	0	0	0	0	0	0	<1	<1	0	<1	0	0	0	0	0	0	0	0	0	<1	1	1	0	0	0	0	0	0
Rappahannock River	45	2	9	12	<1	<1	<1	<1	0	<1	27	1	1	2	0	0	0	0	0	0	<1	0	<1	2	2	3	0	1	1	0	0	0
Total	51	2	11	13	<1	<1	<1	<1	0	<1	31	1	1	2	0	0	0	0	0	0	<1	0	<1	2	3	5	0	1	1	0	0	0

Table 4. Caroline County, Virginia Shoreline Attributes - Riparian Land Use (miles) - River System Summary 2018

*Total = upland shoreline only (upland/marsh and upland/water). Does not include marsh/water shoreline.

**tree fringe: When the dominant riparian land use is not forested but a line of trees is maintained along the bank edge, the land use is noted to

include a tree fringe. This tree fringe value includes tree fringe and tree fringe > 100 feet wide.

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

RIVER SYSTEM	TOTAL* MILES		BANK COVER (miles)		BANK HEIGHT (miles)					
	SURVEYED	bare	partial	total	0-5 feet	5-30 feet	>30 feet			
Peumansend Creek Portobago Creek	5	0	0 0	5	3 0	1	0 0			
Rappahannock River Total	45 51	<1 1	0 1	44 50	31 35	10 12	4 5			

Table 5. Caroline County, Virginia Shoreline Attributes - Riparian Bank Condition - River System Summary 2018

*Total = upland shoreline only (upland/marsh and upland/water). Does not include marsh/water shoreline.

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

			MARSH																
RIVER SYSTEM		# Wetland Polygons			Marsh Type (acres)							Com	munity Ty	vpe ¹ (acres	;)			
	(miles)	total field checked	marsh	marsh island	no marsh no marsh forested sand	no marsh scrub-shrub	total marsh	I	II	Ш	IV	V	VI	VII	VIII ²	IX^4	х	XI	XII

Table 6. Caroline County, Virginia Shoreline Attributes - Natural Buffers, Phragmites australis and Marsh Survey Dates - River System Summary 2018

<1

**DNS = Did Not Survey

Peumansend Creek

Portobago Creek

Rappahannock River

Total

¹Community Type:

I = Saltmarsh Cordgrass / low marsh II = Saltmeadow / high marsh III = Black Needlerush IV = Saltbush V = Big Cordgrass VI = Cattail

<1

<1

<1

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.

<1

⁴Type IX (Yellow Pond Lily) was classified by visual inspection of 2017 VBMP imagery, Bing high resolution oblique imagery, & Google Earth imagery.

	TOTAL*		Number									Miles								
RIVER SYSTEM	MILES SURVEYED	docks	dilapidated docks		ram private	nps public		rinas >50 slips	wharfs	jetties	bulkhead	dilapidated bulkhead	debris	marsh toe revetment	riprap	unconventional	breakwater	groinfields		
Peumansend Creek	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Portobago Creek	1	1	0	2	0	0	0	0	0	0	<1	0	0	0	0	0	0	0		
Rappahannock River	45	31	1	6	4	4	1	0	0	0	<1	<1	0	0	<1	0	0	<1		
Total	51	32	1	8	4	4	1	0	0	0	<1	<1	0	0	<1	0	0	<1		

Table 7. Caroline County, Virginia Shoreline Attributes - Shoreline Features - River System Summary 2018

*Total = upland shoreline only (upland/marsh and upland/water). Does not include marsh/water shoreline.

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

XII	DNS	PHRAGMITES ³ (percent of field checked marshes)	MARSH SURVEY DATES
0	41	DNS	DNS
0	25	DNS	DNS
0	333	DNS	DNS
0	399		