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2018

# Summary Tables: 2018 Richmond County, Virginia Shoreline Inventory

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

RIVER SYSTEM	TOTAL* MILES SURVEYED	AGRICULTURE			BARE			COMMERCIAL			FOREST total	GRASS			INDUSTRIAL			MILITARY			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	no tree buffer	tree fringe	total		
Cat Point Creek	33	3	6	9	<1	0	<1	<1	0	<1	8	1	2	2	0	0	0	0	0	0	1	<1	1	1	1	2	11	0	11	0	0	0		
Farnham Creek	22	1	5	7	0	<1	<1	0	0	0	9	<1	<1	<1	0	0	0	0	0	0	<1	<1	1	2	2	3	<1	1	1	<1	<1	1		
Lancaster Creek	25	4	4	8	<1	0	<1	<1	<1	1	6	<1	<1	<1	0	0	0	0	0	0	<1	<1	1	5	3	8	<1	<1	1	0	0	0		
Little Carter Creek	9	5	1	7	<1	0	<1	0	0	0	1	<1	1	1	0	0	0	0	0	0	1	0	1	0	0	0	<1	<1	1	0	0	0		
North Fork Creek	13	2	5	7	0	0	0	0	0	0	4	<1	0	<1	0	0	0	0	0	0	0	0	0	0	0	<1	1	1	0	0	0	0		
Rappahannock River	66	14	13	27	1	0	1	<1	<1	<1	15	1	1	3	0	0	0	0	0	0	3	1	4	9	1	10	5	1	6	<1	0	<1		
Totuskey Creek	44	2	3	5	0	1	1	0	<1	<1	22	1	1	2	0	0	0	0	0	0	1	1	1	2	5	7	2	4	7	0	0	0		
<b>Total</b>	<b>211</b>	<b>32</b>	<b>38</b>	<b>70</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>&lt;1</b>	<b>1</b>	<b>64</b>	<b>4</b>	<b>5</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>2</b>	<b>8</b>	<b>19</b>	<b>12</b>	<b>31</b>	<b>19</b>	<b>6</b>	<b>26</b>	<b>1</b>	<b>&lt;1</b>	<b>1</b>

\*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.

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

RIVER SYSTEM	TOTAL* MILES SURVEYED	BANK COVER (miles)			BANK HEIGHT (miles)		
		bare	partial	total	0-5 feet	5-30 feet	>30 feet
Cat Point Creek	33	0	<1	33	19	13	1
Farnham Creek	22	0	0	22	6	16	<1
Lancaster Creek	25	<1	<1	24	19	5	<1
Little Carter Creek	9	0	0	9	8	1	0
North Fork Creek	13	0	0	13	6	6	0
Rappahannock River	66	1	2	63	45	17	3
Totuskey Creek	44	<1	0	44	23	20	1
<b>Total</b>	<b>211</b>	<b>1</b>	<b>2</b>	<b>208</b>	<b>128</b>	<b>79</b>	<b>5</b>

\*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.

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

RIVER SYSTEM	BEACH (miles)	# Wetland Polygons		Marsh Type (acres)						MARSH Community Type <sup>1</sup> (acres)												PHRAGMITES <sup>3</sup> (percent of field checked marshes)	MARSH SURVEY DATES	
		total	field checked	marsh	marsh island	no marsh forested	no marsh sand	no marsh scrub-shrub	total marsh	I	II	III	IV	V	VI	VII	VIII <sup>2</sup>	IX	X	XI	XII			DNS <sup>**</sup>
Cat Point Creek	<1	123	73	818	4	5	0	0	822	0	0	0	0	286	0	8	2	<1	0	438	0	88	23	July 31, 2018
Farnham Creek	<1	77	11	273	0	0	0	0	273	0	0	0	0	44	0	0	<1	0	0	0	4	224	45	Aug 1-2, 2018
Lancaster Creek	<1	112	61	215	0	4	0	0	215	6	0	0	0	25	2	0	<1	0	0	24	37	120	8	Aug 1-2, 2018
Little Carter Creek	0	18	2	124	0	0	0	0	124	0	0	0	0	0	0	0	<1	0	0	0	2	123	0	Aug 2, 2018
North Fork Creek	<1	54	26	216	0	2	0	0	216	<1	0	0	0	87	0	0	<1	0	0	0	32	97	35	Aug 1, 2018
Rappahannock River	9	131	79	1880	0	101	0	0	1880	<1	0	0	0	1323	1	5	15	0	0	31	23	483	53	July 31, Aug 1-2, 2018
Totuskey Creek	<1	136	87	785	0	9	0	0	785	<1	0	0	0	328	0	5	16	<1	0	118	17	302	28	July 31, Aug 2, 2018
Total	<1	651	339	4311	4	121	0	0	4315	6	0	0	0	2093	3	17	34	<1	0	611	114	1435		

\*\*DNS = Did Not Survey

<sup>1</sup>Community Type: I = Saltmarsh Cordgrass / low marsh VII = Arrow Arum – Pickerel Weed  
 II = Saltmeadow / high marsh VIII = Reed Grass (*Phragmites australis*)  
 III = Black Needlerush IX = Yellow Pond Lily  
 IV = Saltbush X = Saltwort  
 V = Big Cordgrass XI = Freshwater mix  
 VI = Cattail XII = Brackish mix

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

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

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

RIVER SYSTEM	TOTAL* MILES SURVEYED	Number									Miles							
		docks	dilapidated docks	boathouses	private ramps	public ramps	<50 slips marinas	>50 slips marinas	wharfs	jetties	bulkhead	dilapidated bulkhead	debris	marsh toe revetment	riprap	unconventional breakwater	groinfields	
Cat Point Creek	33	27	0	1	2	0	0	0	0	2	<1	0	0	<1	<1	0	0	0
Farnham Creek	22	37	1	7	2	0	0	0	0	0	<1	0	0	<1	<1	0	0	<1
Lancaster Creek	25	100	2	13	2	3	0	0	1	3	1	<1	0	<1	1	0	<1	<1
Little Carter Creek	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Fork Creek	13	5	0	0	2	0	0	0	0	0	<1	0	0	<1	<1	0	0	0
Rappahannock River	66	173	0	11	26	2	0	0	0	10	3	<1	0	<1	4	<1	<1	6
Totuskey Creek	44	51	0	2	1	1	2	0	0	0	<1	0	0	0	<1	0	0	0
Total	211	393	3	34	35	6	2	0	1	15	5	<1	0	1	5	<1	<1	7

\*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.