
Reports

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Summary Tables: City of Newport News, Virginia Shoreline Inventory Report

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Table 4. City of Newport News, Virginia Shoreline Attributes - Riparian Land Use (miles) - River System Summary 2014

RIVER SYSTEM	TOTAL* MILES SURVEYED	AGRICULTURE			BARE			COMMERCIAL			FOREST	GRASS			INDUSTRIAL			MILITARY			PAVED			RESIDENTIAL			SCRUB-SHRUB			
		no tree buffer	tree fringe	total	no tree buffer	tree fringe	total	no tree buffer	tree fringe	total	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	
Deep Creek	11	0	1	1	0	0	0	1	<1	1	1	<1	0	<1	0	0	0	0	0	0	<1	0	<1	3	6	9	<1	0	<1	
James River	73	0	0	0	0	0	0	2	0	2	47	2	0	2	7	0	7	1	<1	1	5	<1	6	7	<1	8	1	0	1	
Lukas Creek	8	0	0	0	0	0	0	0	<1	<1	0	<1	0	<1	0	0	0	0	0	0	<1	0	<1	3	4	7	0	0	0	
Skiffes Creek	10	0	<1	<1	0	0	0	<1	1	1	5	<1	0	<1	<1	<1	<1	1	2	3	<1	0	<1	<1	1	1	1	0	0	0
Stony Run	7	0	0	0	0	0	0	0	1	1	0	<1	<1	<1	0	0	0	0	0	0	<1	<1	<1	2	3	5	0	0	0	
Warwick River	60	0	0	0	0	0	0	<1	<1	<1	24	3	3	5	<1	<1	<1	<1	1	1	1	1	1	2	10	15	25	2	0	2
Total	169	0	1	1	0	0	0	3	2	6	77	5	3	7	7	<1	8	1	3	5	7	1	8	25	29	55	3	0	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.

Table 5. City of Newport News, 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
Deep Creek	11	<1	1	11	8	3	<1	11	<1	<1
James River	73	1	1	72	66	7	<1	71	2	<1
Lukas Creek	8	<1	<1	8	7	1	<1	7	<1	<1
Skiffes Creek	10	<1	<1	10	6	5	<1	9	1	<1
Stony Run	7	<1	<1	7	7	<1	<1	7	<1	<1
Warwick River	60	<1	<1	59	53	6	<1	58	1	1
Total	169	1	2	166	146	23	<1	162	5	2

*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. City of Newport News, Virginia Shoreline Attributes - Natural Buffers, *Phragmites australis* and Marsh Survey Dates - River System Summary 2014

RIVER SYSTEM	BEACH (miles)	# Wetland Polygons total field checked		Marsh Type (acres)					MARSH												PHRAGMITES ³ (percent of field checked marshes)	MARSH SURVEY DATES	
				embayed	extensive	fringe	marsh island	total	Community Type ¹ (acres)														
									I	II	III	IV	V	VI	VII	VIII ²	IX	X	XI	XII	DNS ^{**}		
Deep Creek	<1	79	37	13	0	59	3	76	17	0	0	<1	<1	0	0	4	0	0	0	9	45	41	6/5/2014
James River	8	172	22	80	819	201	50	1150	13	<1	0	1	0	0	0	3	0	0	0	0	1133	64	7/8/2014, 7/17/2014
Lukas Creek	0	31	18	1	10	51	11	73	<1	0	0	0	14	0	0	0	0	0	0	40	19	44	6/5/2014, 7/17/2014
Skiffes Creek	0	62	0	17	0	68	4	89	0	0	0	0	0	0	0	0	0	0	0	0	89	0	DNS
Stony Run	0	66	23	3	0	23	1	27	<1	0	0	<1	6	0	0	1	0	0	0	3	17	26	6/5/2014
Warwick River	2	193	95	90	644	322	97	1153	22	0	5	0	7	0	0	2	0	0	0	719	399	38	6/4-5/2014
Total	9	603	195	204	1473	724	166	2567	53	<1	5	1	27	0	0	9	0	0	0	771	1701		

**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.

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

Table 7. City of Newport News, Virginia Shoreline Attributes - Shoreline Features - River System Summary 2014

RIVER SYSTEM	TOTAL* MILES SURVEYED	Number									Miles							
		dilapidated		boathouses	ramps		marinas		wharfs	jetties	bulkhead	dilapidated		marsh toe revetment	riprap	unconventional	breakwater	groinfields
		docks	docks		private	public	<50 slips	>50 slips				bulkhead	bulkhead					
Deep Creek	11	45	2	16	8	0	3	1	0	0	<1	<1	<1	<1	1	<1	<1	0
James River	73	68	13	58	3	4	0	1	7	6	3	0	<1	<1	8	1	1	3
Lukas Creek	8	26	0	6	0	0	0	0	0	0	<1	0	0	0	0	0	0	0
Skiffes Creek	10	9	0	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0
Stony Run	7	34	2	4	1	0	0	0	0	0	<1	0	0	0	<1	<1	0	0
Warwick River	60	104	12	70	10	1	0	0	0	1	1	0	0	<1	2	0	<1	1
Total	169	286	29	154	22	7	3	2	8	7	6	<1	<1	<1	11	1	1	4

*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.