

Table 4. City of Newport News, Virginia Shoreline Attributes - Riparian Land Use and Bank Conditions - Watershed Summary

NEWPORT NEWS WATERSHED	TOTAL MILES SURVEYED	RIPARIAN LAND USE (miles)												BANK (bank height and erosion status - miles of shore)												BANK COVER (miles)		
		agriculture	bare	commercial	family dwelling	forest	grass	industrial	military	multi- family	paved	residential	scrub- shrub	0-5 ft			5-10 ft			10-30 ft			>30 ft			bare	partial	full
														low	high	undercut	low	high	undercut	low	high	undercut	low	high	undercut			
James River	68.90	0.00	0.60	1.82	0.00	29.14	3.39	7.96	0.51	0.28	5.22	5.33	14.66	51.85	0.82	0.00	11.01	0.06	0.04	4.98	0.00	0.05	0.09	0.00	0.00	1.39	0.73	66.78
Skiffes Creek	10.50	0.00	0.00	0.01	0.00	7.56	0.01	0.13	1.01	0.14	0.03	0.10	1.50	8.32	0.21	0.12	1.24	0.42	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.35	0.17	9.98
Warwick River	68.27	0.00	0.02	0.17	10.80	30.24	4.73	0.04	0.06	0.59	0.52	2.12	18.97	63.94	0.32	0.03	2.10	0.07	0.03	1.78	0.00	0.00	0.00	0.00	0.00	0.09	0.40	67.77
Deep Creek	9.19	0.00	0.03	0.63	2.72	3.18	0.79	0.00	0.00	0.07	0.05	0.00	1.73	7.73	0.07	0.00	1.17	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.03	0.60	8.57
Total	156.85	0.00	0.65	2.64	13.53	70.13	8.92	8.13	1.58	1.08	5.81	7.55	36.86	131.83	1.42	0.15	15.52	0.55	0.07	7.17	0.00	0.05	0.09	0.00	0.00	1.86	1.89	153.11

Table 5. City of Newport News, Virginia Shoreline Attributes - Shoreline Features - Watershed Summary

NEWPORT NEWS WATERSHED	TOTAL MILES SURVEYED	SHORELINE FEATURES																
		No. docks	No. dilapidated docks	No. boathouses	No. ramps private	public	No. outfalls	No. groinfields	No. marinas	No. jetties	No. breakwater	Miles of miscellaneous	Miles of bulkhead	Miles of dilapidated bulkhead	Miles of riprap	Miles of marsh toe revetment	Miles of seawall	Miles of shipyard
James River	68.90	52	6	59	3	4	7	28	0	6	10	0.87	6.99	0.00	7.59	0.12	0.02	4.44
Skiffes Creek	10.50	1	0	0	3	0	0	0	0	0	0	0.00	0.93	0.00	0.13	0.00	0.00	0.00
Warwick River	68.27	148	7	73	15	2	0	6	0	2	2	0.33	1.79	0.05	1.91	0.00	0.12	0.00
Deep Creek	9.19	40	1	16	7	0	0	0	4	0	1	0.06	0.45	0.15	0.40	0.00	0.00	0.00
Total	156.85	241	14	148	28	6	7	34	4	8	13	1.26	10.16	0.20	10.03	0.12	0.14	4.44

Table 6. City of Newport News, Virginia Shoreline Attributes - Riparian Buffer Condition, *Phragmites australis* and Survey Dates - Watershed Summary

NEWPORT NEWS WATERSHED	TOTAL MILES SURVEYED	BUFFER CONDITION				PHRAGMITES (miles)	MILES REMOTELY SURVEYED	FIELD SURVEY DATES*
		BEACH PRESENT (miles)		MARSH PRESENT (miles)				
		eroding	stable	eroding	stable			
James River	68.90	1.68	4.80	2.24	42.35	0.02	45.01	7/31/2002, 9/04/2002, 9/17/2002
Skiffes Creek	10.50	0.00	0.11	0.00	8.17	0.03	1.70	7/31/2002, 9/04/2002
Warwick River	68.27	0.00	1.53	2.98	59.15	1.01	16.36	7/31/2002, 9/04/2002, 9/17/2002
Deep Creek	9.19	0.00	0.22	0.00	6.96	0.75	1.86	7/31/2002, 9/04/2002
Total	156.85	1.68	6.67	5.23	116.63	1.80	64.92	

* Data was updated in the lab using VBMP 2006/2007 imagery