

Table 4. York County, Virginia Shoreline Attributes - Riparian Land Use and Bank Conditions - Watershed Summary

YORK COUNTY WATERSHED	TOTAL MILES SURVEYED	RIPARIAN LAND USE (miles)										BANK (bank height and erosion status - miles of shore)											
		agriculture	bare	commercial	forest	grass	industrial	military	paved	residential	scrub-shrub	0-5 ft			5-10 ft			10-30 ft			>30 ft		
												low	high	undercut	low	high	undercut	low	high	undercut	low	high	undercut
Back Creek	17.92	0.08	0.26	0.76	9.04	0.49	0.00	0.00	0.16	4.92	2.22	17.88	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Back River	7.52	0.00	0.00	0.00	1.98	0.23	0.00	0.00	0.31	1.76	3.24	7.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bay Tree Creek	5.56	0.00	0.00	0.00	2.13	0.00	0.00	0.00	0.05	0.38	2.99	5.05	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Carter Creek	7.55	0.00	0.00	0.00	5.85	0.02	0.00	0.00	0.60	0.19	0.90	7.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chesapeake Bay	3.06	0.00	0.00	0.00	0.39	0.03	0.00	0.00	0.00	0.80	1.84	2.41	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chisman Creek	35.09	0.05	0.00	0.44	7.53	1.55	0.00	0.00	0.07	23.67	1.78	32.98	1.80	0.04	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Felgate Creek	13.47	0.00	0.00	0.00	13.14	0.00	0.00	0.06	0.27	0.00	0.00	13.42	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
Goodwin Islands	11.26	0.00	0.00	0.00	0.59	0.00	0.00	0.00	0.00	0.00	10.67	8.72	2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Indian Creek	5.09	0.00	0.00	0.00	4.83	0.23	0.00	0.00	0.03	0.00	0.00	5.01	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00
King Creek	8.49	0.00	0.00	0.00	7.13	0.47	0.00	0.14	0.01	0.00	0.74	4.46	0.64	0.00	0.15	0.00	0.00	3.15	0.09	0.00	0.00	0.00	0.00
Poquoson River	34.30	0.21	0.00	0.01	8.05	1.93	0.00	0.00	0.15	19.46	4.48	30.58	2.99	0.04	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Queen Creek	38.48	0.00	0.00	0.13	28.20	0.36	0.00	0.00	1.03	1.70	7.06	28.16	0.00	0.00	6.58	0.06	0.00	3.63	0.04	0.00	0.00	0.00	0.00
Skimino Creek	10.08	0.00	0.00	0.00	9.51	0.00	0.00	0.00	0.00	0.00	0.56	10.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wormley Creek	10.70	0.00	0.00	0.15	5.52	0.09	0.00	0.15	0.05	4.40	0.34	2.45	0.00	0.00	4.33	0.15	0.00	3.72	0.05	0.00	0.00	0.00	0.00
York River	23.15	0.00	0.00	0.23	8.41	5.11	0.76	0.93	3.85	1.93	1.94	11.21	0.72	0.00	3.99	1.68	0.00	5.20	0.34	0.00	0.00	0.00	0.00
Total	231.72	0.34	0.26	1.72	112.32	10.50	0.76	1.27	6.58	59.20	38.77	187.49	9.86	0.09	16.04	1.89	0.00	15.84	0.52	0.00	0.00	0.00	0.00

Table 5. York County, Virginia Shoreline Attributes - Shoreline Features - Watershed Summary

YORK COUNTY WATERSHED	TOTAL MILES SURVEYED	SHORELINE FEATURES																	
		No. docks	No. dilapidated docks	No. boathouses	No. ramps		No. outfalls	No. groinfields	No. marinas	No. marinas		No. jetties	No. breakwater	Miles of debris	Miles of unconventional	Miles of bulkhead	Miles of dilapidated bulkhead	Miles of marsh toe revetment	Miles of riprap
Back Creek	17.92	73	14	13	8	2	3	0	0	2	0	2	0	0.01	0.26	0.91	0.06	0.00	1.17
Back River	7.52	5	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
Bay Tree Creek	5.56	5	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.16	0.00	0.00	0.03
Carter Creek	7.55	2	0	0	2	0	0	0	0	0	0	0	0	0.00	0.00	0.02	0.00	0.00	0.09
Chesapeake Bay	3.06	3	1	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.08	0.00	0.00	0.37
Chisman Creek	35.09	299	11	78	27	0	19	2	8	0	0	0	4	0.32	0.99	3.93	0.12	0.34	4.48
Felgate Creek	13.47	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
Goodwin Islands	11.26	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
Indian Creek	5.09	1	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.10
King Creek	8.49	1	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.004
Poquoson River	34.30	194	10	73	22	2	2	1	0	0	0	0	3	0.27	0.55	0.99	0.11	0.26	3.17
Queen Creek	38.48	17	0	2	3	0	0	0	0	0	1	0	0	0.00	0.00	0.02	0.05	0.00	0.31
Skimino Creek	10.08	3	0	1	1	1	0	0	0	0	0	0	1	0.00	0.00	0.00	0.00	0.00	0.00
Wormley Creek	10.70	57	0	35	6	0	0	0	0	1	1	0	0	0.00	0.00	0.89	0.00	0.00	0.73
York River	23.15	14	6	4	1	0	0	2	0	0	0	2	10	0.00	0.00	0.67	0.00	0.00	8.10
Total	231.72	674	42	206	70	5	24	5	8	3	2	4	18	0.61	1.79	7.66	0.34	0.60	18.55

Table 6. York County, Virginia Shoreline Attributes - Riparian Buffer Condition and Survey Dates - Watershed Summary

NEWPORT NEWS WATERSHED	TOTAL MILES SURVEYED	BUFFER CONDITION		MILES REMOTELY SURVEYED*	FIELD SURVEY DATES*
		BEACH PRESENT (miles)	MARSH PRESENT (miles)		
Back Creek	17.92	0.19	16.07	4.64	11/17/1998, 6/13/2005
Back River	7.52	0.00	7.51	7.50	Remote coded
Bay Tree Creek	5.56	0.44	4.87	3.87	8/20/2009
Carter Creek	7.55	0.00	7.55	6.61	11/13/1998
Chesapeake Bay	3.06	1.70	2.15	0.00	6/13/2005, 8/20/2009
Chisman Creek	35.09	0.25	24.43	1.52	7/30/2009, 8/18/2009, 8/20/2009
Felgate Creek	13.47	0.04	13.47	13.39	11/13/1998
Goodwin Islands	11.26	1.04	11.00	0.00	11/18/1998
Indian Creek	5.09	0.00	4.94	4.99	11/13/1998
King Creek	8.49	0.28	8.06	4.46	11/13/1998
Poquoson River	34.30	0.31	28.71	6.62	7/23/2009, 7/28/2009, 7/30/2009, 8/18/2009
Queen Creek	38.48	0.06	38.06	8.28	11/13/1998
Skimino Creek	10.08	0.00	10.08	8.88	11/13/1998
Wormley Creek	10.70	0.09	7.37	0.00	11/17/1998
York River	23.15	8.82	10.60	0.00	11/13/1998, 11/17/1998
Total	231.72	13.21	194.87	70.75	

* Data was updated in the lab using VBMP 2006/2007 imagery and VBMP 2009 Preliminary imagery.