

Table 4. Kent County, Maryland Shoreline Attributes - Riparian Land Use and Bank and Buffer Conditions - Plate Summary

PLATE NUMBER	TOTAL MILES SURVEYED	agriculture bare commercial forest grass paved residential scrub-shrub								BANK												BANK COVER			BUFFER CONDITION				
										(bank height and erosion status - miles of shore)												(miles)			(miles)		(miles)		
										0-5 ft			5-10 ft			10-30 ft			>30 ft			bare	partial	full	eroding	stable	eroding	stable	
										low	high	undercut	low	high	undercut	low	high	undercut	low	high	undercut								
1	4.37	0.02	0.00	0.12	1.90	0.72	0.02	1.60	0.00	0.63	0.11	0.00	0.36	0.13	0.00	1.50	0.22	0.00	0.74	0.68	0.00	0.00	2.21	2.16	0.00	0.10	0.00	0.17	
2	7.34	0.15	0.00	0.65	2.51	0.06	0.03	3.95	0.00	1.24	0.05	0.00	1.16	0.14	0.00	2.47	0.59	0.00	1.51	0.13	0.00	0.03	4.00	3.32	0.03	0.08	0.00	1.07	
3	7.22	3.32	0.06	0.00	3.35	0.00	0.00	0.41	0.08	3.01	0.80	0.00	1.41	0.88	0.00	0.19	0.61	0.00	0.00	0.00	0.00	0.25	3.57	3.40	1.01	0.31	0.00	2.17	
4	5.53	1.25	0.15	0.00	0.87	0.08	0.00	2.98	0.20	4.22	0.00	0.00	1.04	0.11	0.00	0.12	0.02	0.00	0.00	0.00	0.00	0.17	0.47	4.90	0.00	0.90	0.00	1.74	
5	5.63	0.58	0.00	0.00	2.44	0.21	0.08	1.57	0.74	2.98	0.00	0.00	1.04	0.31	0.00	1.05	0.06	0.00	0.07	0.12	0.00	0.46	0.72	4.45	0.00	1.82	0.00	2.45	
6	3.72	0.71	0.00	0.00	1.70	0.00	0.00	0.12	1.19	2.53	0.00	0.00	0.07	0.24	0.00	0.41	0.30	0.00	0.17	0.00	0.00	0.54	0.67	2.52	0.00	2.16	0.16	0.70	
7	2.62	0.19	0.20	0.00	0.84	0.09	0.00	0.87	0.42	0.77	0.00	0.00	0.25	0.15	0.00	0.65	0.23	0.00	0.05	0.53	0.00	0.81	0.32	1.49	0.00	0.69	0.00	0.03	
8	3.08	0.00	0.00	0.00	0.66	1.27	0.00	0.38	0.77	1.50	0.02	0.00	0.07	0.03	0.00	1.05	0.03	0.00	0.33	0.06	0.00	0.16	0.92	2.00	0.00	1.63	0.00	0.00	
9	5.73	0.00	0.00	0.09	2.89	1.34	0.01	0.66	0.74	2.48	0.03	0.00	0.37	0.06	0.00	1.75	0.68	0.00	0.29	0.06	0.00	0.67	0.80	4.21	0.40	1.60	0.00	0.31	
10	9.27	0.00	0.00	0.00	6.05	1.37	0.49	0.84	0.52	4.32	0.03	0.00	1.93	0.14	0.00	2.73	0.06	0.00	0.06	0.00	0.00	0.23	0.38	8.66	0.00	0.06	0.00	1.91	
11	10.78	0.00	0.00	0.02	6.47	2.02	0.00	1.28	0.99	4.20	0.05	0.00	2.56	0.18	0.00	3.63	0.11	0.00	0.06	0.00	0.00	0.27	0.30	10.21	0.05	1.11	0.00	2.39	
12	3.15	0.11	0.00	0.00	1.84	0.63	0.00	0.03	0.55	1.56	0.07	0.00	0.30	0.04	0.00	0.07	0.45	0.00	0.00	0.68	0.00	0.42	0.88	1.85	0.00	1.88	0.00	0.31	
13	5.84	1.15	0.00	0.03	2.34	0.14	0.00	0.98	1.19	2.08	0.00	0.00	0.00	0.26	0.00	1.16	2.34	0.00	0.00	0.00	0.00	0.47	2.91	2.47	0.00	3.55	0.00	2.23	
14	7.95	1.18	0.00	0.53	3.04	0.10	0.07	1.91	1.13	3.36	0.14	0.00	0.60	0.24	0.00	2.26	0.61	0.00	0.00	0.00	0.00	0.06	4.22	3.67	0.00	1.38	0.00	3.53	
15	5.77	1.94	0.00	0.70	0.48	0.00	0.00	0.89	1.76	2.02	0.13	0.00	0.12	0.14	0.00	1.35	1.64	0.00	0.00	0.00	0.00	0.61	1.72	3.44	0.07	2.75	0.00	1.10	
16	7.53	1.14	0.00	0.00	2.30	0.35	0.01	3.16	0.56	1.43	0.00	0.00	0.57	0.17	0.00	1.37	1.46	0.00	0.00	0.03	0.00	0.09	5.04	2.40	0.00	0.08	0.04	3.07	
17	2.63	0.65	0.00	0.00	0.72	0.00	0.00	0.77	0.49	0.53	0.18	0.00	0.05	0.03	0.00	0.31	1.10	0.00	0.31	0.13	0.00	0.06	1.43	1.14	0.03	1.77	0.13	0.26	
18	4.08	0.18	0.00	0.93	0.20	0.42	0.00	1.33	1.01	1.94	0.00	0.00	0.08	0.00	0.00	1.22	0.10	0.00	0.35	0.39	0.00	0.10	0.48	3.50	0.00	0.92	0.00	0.14	
19	4.09	1.92	0.00	0.00	0.44	0.45	0.00	1.01	0.27	1.56	0.17	0.00	0.35	0.19	0.00	1.14	0.68	0.00	0.00	0.00	0.00	0.07	1.20	2.82	0.68	0.89	0.06	0.81	
20	10.98	4.43	0.00	0.06	1.17	0.72	0.12	1.60	2.88	8.68	1.24	0.00	0.13	0.30	0.00	0.17	0.16	0.00	0.00	0.00	0.00	0.12	1.46	9.40	1.11	0.21	1.03	7.90	
21	9.95	1.75	0.00	2.45	0.30	0.10	0.19	2.50	2.66	8.34	1.26	0.00	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.76	9.09	0.14	0.19	1.22	3.04	
22	5.84	0.80	0.00	0.21	1.24	0.42	0.33	2.19	0.65	4.58	0.00	0.00	0.91	0.00	0.00	0.24	0.01	0.00	0.00	0.00	0.00	0.00	0.01	5.83	0.00	0.36	0.00	2.54	
23	8.36	1.38	0.00	0.23	3.90	0.52	0.00	1.07	1.25	6.08	0.39	0.00	0.23	0.24	0.00	0.52	0.55	0.00	0.00	0.00	0.00	0.09	1.17	7.09	0.46	0.00	0.15	5.29	
24	9.54	1.07	0.00	0.00	3.34	0.37	0.19	0.36	4.21	8.54	0.00	0.00	0.37	0.00	0.00	0.54	0.10	0.00	0.00	0.00	0.00	0.00	0.43	9.11	0.61	0.08	0.00	6.51	
25	9.07	0.84	0.00	0.00	2.83	0.17	0.16	0.00	5.07	8.33	0.07	0.00	0.33	0.10	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.69	8.37	0.00	0.38	0.00	7.53	
26	7.88	0.59	0.00	0.00	5.77	0.00	0.00	0.00	1.52	7.35	0.39	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	7.66	0.00	1.07	0.00	7.50	
27	12.76	3.10	0.00	0.15	5.20	0.23	0.33	2.94	0.80	11.83	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.30	12.34	0.00	0.00	0.07	9.63	
28	8.76	3.46	0.00	0.24	0.65	1.07	0.18	0.38	2.79	6.69	0.16	0.00	0.55	0.20	0.00	0.56	0.12	0.00	0.00	0.00	0.00	0.33	0.71	7.73	0.00	1.08	0.00	5.09	
29	13.54	6.28	0.00	0.32	1.52	0.63	0.04	3.86	0.90	11.75	0.16	0.00	0.94	0.09	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.31	1.29	11.94	0.00	0.34	0.00	7.62	
30	9.88	3.71	0.00	0.00	3.67	0.45	0.05	1.55	0.45	7.25	0.11	0.00	2.17	0.28	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.36	1.68	7.84	0.00	0.05	0.19	6.02	
31	9.68	3.60	0.00	0.00	3.05	0.05	0.00	2.98	0.00	5.18	0.00	0.00	0.85	0.00	0.00	0.52	0.00	0.00	0.00	0.00	0.00	0.08	3.18	6.42	0.00	0.03	0.40	5.81	
32	12.44	3.89	0.00	0.00	4.86	0.27	0.00	3.03	0.39	8.78	0.03	0.00	0.54	0.00	0.00	0.30	0.06	0.00	0.00	0.00	0.00	0.16	2.14	10.14	0.00	0.03	0.56	7.55	
33	6.47	3.00	0.00	0.00	1.12	0.12	0.07	1.88	0.28	4.10	0.03	0.00	0.90	0.00	0.00	0.45	0.17	0.00	0.00	0.00	0.00	0.28	0.66	5.53	0.00	0.20	0.28	3.42	
34	7.83	2.15	0.00	0.00	2.68	1.01	0.01	1.57	0.42	5.52	0.00	0.00	0.16	0.06	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.04	1.52	6.26	0.00	0.00	0.03	4.44	
35	7.13	1.24	0.00	0.00	1.27	0.58	0.51	0.21	3.34	6.32	0.08	0.00	0.45	0.16	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.14	0.11	6.88	0.28	0.51	0.12	5.44	
36	3.90	0.96	0.00	0.00	1.88	0.46	0.00	0.13	0.46	1.75	0.06	0.00	0.44	0.30	0.00	0.69	0.66	0.00	0.00	0.00	0.00	0.19	0.89	2.82	0.53	1.23	0.00	1.48	
37	4.53	0.00	0.00	0.33	0.14	0.55	0.19	1.47	1.85	4.22	0.00	0.00	0.26	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.53	0.00	0.29	0.00	2.56	
38	7.10	0.21	0.00	0.00	2.53	0.35	0.06	0.69	3.26	6.35	0.00	0.00	0.43	0.12	0.00	0.14	0.05	0.00	0.00	0.00	0.00	0.19	0.02	6.89	0.00	0.11	0.00	5.54	
39	8.57	0.53	0.00	0.00	5.11	0.16	0.00	0.12	2.65	7.67	0.00	0.00	0.30	0.08	0.00	0.49	0.04	0.00	0.00	0.00	0.00	0.16	0.13	8.28	0.00	0.00	0.00	6.71	
40	3.73	0.18	0.00	0.00	2.44	0.10	0.00	0.11	0.90	3.05	0.00	0.00	0.19	0.08	0.00	0.34	0.08	0.00	0.00	0.00	0.00	0.11	0.04	3.58	0.00	0.12	0.00	2.95	

Table 4. Kent County, Maryland Shoreline Attributes - Riparian Land Use and Bank and Buffer Conditions - Plate Summary (Con't)

PLATE NUMBER	TOTAL MILES SURVEYED	Riparian Land Use (miles of shore)								BANK												BANK COVER			BUFFER CONDITION					
										(bank height and erosion status - miles of shore)												(miles)			BEACH PRESENT (miles)		MARSH PRESENT (miles)			
										0-5 ft			5-10 ft			10-30 ft			>30 ft			bare	partial	full	eroding	stable	eroding	stable		
		agriculture	bare	commercial	forest	grass	paved	residential	scrub-shrub	low	high	undercut	low	high	undercut	low	high	undercut	low	high	undercut				eroding	stable	eroding	stable		
41	4.52	1.47	0.00	0.00	2.36	0.00	0.00	0.00	0.69	4.34	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.52	0.00	0.00	0.26	3.62
42	2.39	1.35	0.00	0.00	0.80	0.00	0.01	0.23	0.00	2.14	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.39	0.00	0.00	0.00	1.37
Total*	262.75	54.36	0.42	6.68	89.26	14.33	2.76	49.22	45.72	172.87	5.53	7.46	21.51	4.87	2.56	26.10	12.22	3.75	3.00	2.80	0.05	7.53	46.05	209.12	4.88	26.53	4.22	130.99		

* Total Shoreline Miles: 333.45 (Maryland DNR, 1994)

Table 5. Kent County, Maryland Shoreline Attributes - Shoreline Features - Plate Summary

PLATE NUMBER	TOTAL MILES SURVEYED	SHORELINE FEATURES																
		No. docks	No. dilapidated docks	No. boathouses	No. ramps		No. outfalls	No. groinfields	No. marinas		No. jetties	No. breakwater	Miles of debris	Miles of unconventional	Miles of bulkhead	Miles of dilapidated bulkhead	Miles of riprap	Miles of wharf
1	4.37	40	2	1	4	0	0	0	0	1	0	0	0.00	0.03	0.40	0.01	0.51	0.00
2	7.34	94	1	3	7	0	7	0	0	2	0	0	0.00	0.03	1.07	0.03	0.65	0.00
3	7.22	1	0	0	1	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.26	0.00
4	5.53	51	1	1	8	0	2	3	0	0	3	0	0.00	0.00	1.34	0.00	0.74	0.00
5	5.63	28	0	2	7	1	0	0	0	0	0	1	0.00	0.06	0.50	0.00	0.26	0.00
6	3.72	2	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.02	0.00
7	2.62	7	0	0	2	1	1	2	0	0	1	0	0.14	0.04	0.21	0.04	0.60	0.00
8	3.08	1	0	0	0	0	0	0	0	0	0	0	0.13	0.00	0.01	0.00	0.04	0.00
9	5.73	16	0	0	3	0	0	3	0	0	0	0	0.19	0.00	0.26	0.08	0.31	0.03
10	9.27	44	2	6	3	1	3	1	0	0	0	0	0.03	0.00	0.55	0.09	0.28	0.00
11	10.78	52	0	1	2	0	0	2	0	0	0	0	0.04	0.00	0.10	0.00	0.90	0.03
12	3.15	0	1	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.09	0.00
13	5.84	6	0	0	0	0	0	0	0	1	0	0	0.04	0.00	0.06	0.03	0.24	0.00
14	7.95	40	0	0	2	1	1	0	1	2	0	0	0.02	0.00	0.14	0.01	0.28	0.03
15	5.77	9	0	0	0	0	0	1	0	1	0	0	0.00	0.00	0.18	0.06	0.44	0.00
16	7.53	42	1	0	1	1	0	1	1	0	0	0	0.03	0.04	0.20	0.03	0.19	0.00
17	2.63	0	0	0	1	0	0	2	0	0	0	0	0.00	0.00	0.10	0.00	0.52	0.00
18	4.08	1	1	0	0	0	0	2	0	1	0	2	0.12	0.07	0.63	0.08	1.24	0.00
19	4.09	3	1	0	1	0	0	1	0	0	0	0	0.00	0.00	0.13	0.00	1.48	0.00
20	10.98	11	0	1	4	1	0	0	1	0	0	0	0.00	0.00	0.18	0.00	1.04	0.00
21	9.95	46	8	1	5	1	0	1	1	9	2	3	0.31	0.00	0.65	0.09	1.99	0.13
22	5.84	15	2	0	5	0	0	2	0	0	0	2	0.01	0.02	0.18	0.00	2.52	0.01
23	8.36	3	0	0	3	0	1	3	0	0	0	0	0.02	0.10	0.11	0.00	1.25	0.00
24	9.54	5	2	0	1	0	0	0	0	0	0	0	0.65	0.35	0.00	0.00	0.05	0.00
25	9.07	2	0	0	0	1	0	0	0	0	0	2	0.01	0.00	0.01	0.00	1.21	0.00
26	7.88	0	0	0	0	0	0	0	0	0	0	2	0.00	0.00	0.00	0.00	0.23	0.00
27	12.76	71	1	1	16	1	0	1	0	1	0	0	0.01	0.05	0.72	0.04	0.77	0.01
28	8.76	10	2	2	3	1	4	3	2	1	0	1	0.16	0.05	0.22	0.06	1.49	0.03
29	13.54	53	1	5	6	0	2	4	0	1	0	0	0.03	0.09	0.61	0.06	2.00	0.00
30	9.88	16	0	1	0	1	0	0	0	0	0	0	0.00	0.06	0.28	0.01	0.40	0.00
31	9.68	41	0	0	5	0	0	1	0	0	0	0	0.00	0.26	0.29	0.00	0.62	0.00
32	12.44	29	0	2	5	1	2	7	0	0	2	1	0.00	0.35	0.82	0.00	1.11	0.00
33	6.47	19	0	1	4	1	0	3	0	0	0	0	0.02	0.70	0.48	0.00	1.19	0.00
34	7.83	13	0	1	0	1	0	1	0	0	0	0	0.09	0.09	0.15	0.00	0.70	0.00
35	7.13	5	1	0	2	0	0	0	0	0	0	0	0.01	0.00	0.17	0.02	0.18	0.00
36	3.90	1	1	1	1	0	0	0	0	0	0	0	0.00	0.00	0.02	0.00	0.09	0.00
37	4.53	37	4	0	3	0	2	2	3	1	0	0	0.15	0.00	0.54	0.00	0.56	0.07
38	7.10	23	1	0	3	1	4	2	0	0	0	0	0.19	0.02	0.42	0.02	0.19	0.02
39	8.57	5	2	0	0	0	0	0	0	0	0	0	0.00	0.01	0.01	0.01	0.06	0.00
40	3.73	2	1	0	0	1	0	0	0	0	0	0	0.00	0.00	0.00	0.03	0.06	0.00
41	4.52	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
42	2.39	2	1	0	0	0	0	0	0	0	0	0	0.02	0.00	0.00	0.00	0.00	0.00
Total*	262.75	771	36	28	95	14	29	44	9	19	8	13	2.27	2.06	10.55	0.76	23.87	0.32

* Total Shoreline Miles: 333.45 (Maryland DNR, 1994)

Table 6. Kent County, Maryland Shoreline Attributes - *Phragmites australis* and Survey Dates.

PLATE NUMBER	TOTAL MILES SURVEYED	FIELD SURVEY DATES	PHRAGMITES (miles)	PLATE NUMBER	TOTAL MILES SURVEYED	FIELD SURVEY DATES	PHRAGMITES (miles)	PLATE NUMBER	TOTAL MILES SURVEYED	FIELD SURVEY DATES	PHRAGMITES (miles)
1	4.37	9/20/04	0.06	15	5.77	9/22/04	1.31	29	13.54	8/19/04, 8/20/04, 9/13/04	5.25
2	7.34	9/20/04	0.20	16	7.53	9/22/04	2.00	30	9.88	9/13/2004	2.20
3	7.22	9/14/05, 9/20/04	0.56	17	2.63	9/22/04	0.64	31	9.68	8/19/2004	4.01
4	5.53	9/14/04	1.09	18	4.08	9/22/04	0.70	32	12.44	8/19/2004	5.53
5	5.63	9/14/04	0.67	19	4.09	9/22/04	1.56	33	6.47	8/19/04, 8/20/04	2.80
6	3.72	9/14/04	0.27	20	10.98	9/22/04	9.35	34	7.83	8/19/04	1.44
7	2.62	9/14/2004, 10/04/04	0.12	21	9.95	8/09/04, 9/22/04	3.32	35	7.13	8/11/04, 8/19/04	2.96
8	3.08	10/4/04	0.08	22	5.84	8/09/04, 9/21/04	2.06	36	3.90	8/11/04	1.01
9	5.73	10/4/04	0.41	23	8.36	8/09/04, 8/12/04, 9/21/04	5.23	37	4.53	8/11/04	1.49
10	9.27	10/4/04	0.97	24	9.54	8/12/04, 9/21/04	6.51	38	7.10	8/11/04	3.73
11	10.78	10/4/04	0.94	25	9.07	8/12/04, 9/21/04	7.84	39	8.57	8/11/04	1.96
12	3.15	9/23/04, 10/4/2004	0.69	26	7.88	8/12/04, 9/21/04	7.24	40	3.73	8/11/04	1.14
13	5.84	9/22/04, 9/23/04	1.30	27	12.76	9/21/04	10.26	41	4.52	6/22/04, 8/11/04	1.45
14	7.95	9/22/04, 9/23/04	1.87	28	8.76	8/12/04, 8/20/04, 9/13/04	4.40	42	2.39	6/22/04, 8/11/04	0.00

Total miles of *Phragmites australis*: 94.41

Total Shoreline Miles: 333.45 (Maryland DNR, 1994)