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Summary Tables: Westmoreland County, Virginia Shoreline Situation Report

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Table 4. Westmoreland County, Virginia Shoreline Attributes - Riparian Land Use and Bank and Buffer Conditions - Plate Summary 2006

PLATE NUMBER	TOTAL MILES SURVEYED	LAND USE									BANK (bank height and erosion status - miles of shore)												BANK COVER (miles)			TREE FRINGE (miles)	BEACH PRESENT (miles)	MARSH PRESENT (miles)		
		agriculture	bare	commercial	forest	grass	paved	residential	scrub-shrub	timbered	0-5 ft			5-10 ft			10-30 ft			>30 ft			bare	partial	full			embayed	extensive	fringe
											low	high	undercut	low	high	undercut	low	high	undercut	low	high	undercut								
1	3.42	0.00	0.10	0.13	0.92	0.11	0.00	2.15	0.00	0.00	1.50	0.06	0.03	1.34	0.00	0.00	0.29	0.00	0.00	0.20	0.00	0.00	0.09	0.10	3.22	1.67	0.52	0.00	0.15	1.50
2	3.91	0.00	0.10	0.18	0.09	0.17	0.10	2.58	0.68	0.00	1.91	0.01	0.00	0.98	0.20	0.00	0.81	0.00	0.00	0.00	0.00	0.00	0.21	0.33	3.37	1.25	1.88	0.00	0.05	1.04
3	10.50	0.00	0.00	0.92	1.82	0.63	1.82	4.50	0.81	0.00	7.66	0.00	0.00	1.79	0.14	0.00	0.88	0.02	0.00	0.00	0.00	0.00	0.11	0.09	10.29	1.49	2.02	0.08	0.29	4.08
4	7.95	0.32	0.00	0.56	0.47	0.29	0.69	5.62	0.00	0.00	4.18	0.00	0.00	2.91	0.07	0.00	0.78	0.00	0.00	0.00	0.00	0.00	0.37	0.35	7.23	3.27	2.62	0.08	0.42	1.85
5	8.72	0.26	0.00	0.13	1.44	0.55	0.38	5.77	0.18	0.00	4.46	0.00	0.00	2.43	0.04	0.00	1.78	0.00	0.00	0.00	0.00	0.00	0.09	0.71	7.92	5.52	0.54	0.47	1.04	4.61
6	2.81	1.29	0.00	0.00	0.91	0.00	0.00	0.24	0.37	0.00	0.89	0.00	0.00	1.52	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.63	0.29	0.89	1.25	1.71	0.26	0.00	0.37
7	3.00	0.24	0.00	0.00	0.86	0.41	0.00	1.37	0.12	0.00	1.32	0.05	0.00	0.93	0.36	0.00	0.04	0.07	0.00	0.00	0.23	0.00	0.67	0.37	1.96	1.37	2.38	0.00	0.00	0.15
8	2.62	0.14	0.00	0.00	2.42	0.06	0.00	0.00	0.00	0.00	0.73	0.00	0.00	0.09	0.24	0.00	0.07	0.61	0.00	0.21	0.67	0.00	1.57	0.23	0.83	0.06	1.25	0.13	0.00	0.00
9	2.46	0.00	0.00	0.00	0.97	0.04	0.00	1.46	0.00	0.00	0.08	0.00	0.00	0.20	0.04	0.00	0.52	0.44	0.00	0.43	0.74	0.00	0.65	1.35	0.46	1.46	1.40	0.00	0.00	0.03
10	7.30	1.35	0.00	0.00	2.60	0.05	0.09	2.30	0.90	0.00	3.86	0.00	0.00	1.93	0.42	0.02	0.84	0.19	0.00	0.04	0.00	0.00	0.66	1.16	5.48	2.97	1.86	0.90	0.00	4.19
11	12.34	2.55	0.00	0.00	3.43	0.18	0.00	2.94	3.25	0.00	8.62	0.00	0.00	1.39	1.07	0.00	0.82	0.41	0.00	0.04	0.00	0.00	0.95	0.79	10.60	4.95	2.98	0.26	0.00	7.96
12	11.82	0.79	0.00	0.17	4.01	0.94	0.25	4.81	0.83	0.00	5.47	0.08	0.02	3.49	0.66	0.00	1.93	0.17	0.00	0.00	0.00	0.00	0.55	1.47	9.80	4.45	0.78	0.62	0.29	6.85
13	11.30	1.06	0.00	0.45	4.84	0.45	0.07	3.85	0.60	0.00	6.52	0.00	0.00	2.54	0.09	0.00	1.91	0.06	0.03	0.16	0.00	0.00	0.15	0.79	10.36	4.53	0.00	1.50	0.00	6.35
14	5.53	0.09	0.00	0.00	3.02	0.00	0.01	2.17	0.24	0.00	3.39	0.00	0.00	1.38	0.10	0.00	0.46	0.07	0.00	0.13	0.00	0.00	0.14	0.59	4.80	2.15	0.00	0.50	0.00	3.53
15	11.65	1.57	0.00	0.00	4.09	1.80	0.00	3.02	1.16	0.00	8.99	0.53	0.05	1.21	0.52	0.00	0.27	0.02	0.00	0.07	0.00	0.00	0.73	0.28	10.64	4.73	2.92	0.47	0.06	6.45
16	9.57	0.01	0.13	0.00	0.85	0.04	0.01	7.16	1.37	0.00	7.61	0.14	0.01	1.74	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.50	8.93	6.43	1.86	0.31	1.03	3.79
17	13.41	2.26	0.00	0.03	3.20	0.99	0.00	6.32	0.48	0.13	8.66	0.12	0.07	2.99	0.80	0.33	0.36	0.08	0.00	0.00	0.00	0.00	0.43	2.15	10.83	6.80	0.17	1.23	0.14	7.25
18	9.16	0.19	0.38	0.55	0.66	0.43	0.03	6.37	0.56	0.00	6.39	0.00	0.00	2.67	0.01	0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.01	0.46	8.69	3.20	2.60	0.11	0.25	3.08
19	3.67	0.00	0.00	0.43	0.20	0.29	0.00	2.57	0.19	0.00	2.58	0.00	0.00	1.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.67	0.59	2.27	0.00	0.00	0.00
20	13.46	0.19	0.01	0.09	2.40	1.58	0.00	7.89	1.29	0.00	11.09	0.54	0.15	1.28	0.09	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.68	0.24	12.54	2.91	1.61	0.81	0.07	6.95
21	12.74	0.30	0.00	0.07	6.24	2.16	0.00	3.23	0.75	0.00	7.67	1.04	0.44	1.68	1.14	0.26	0.16	0.29	0.06	0.00	0.00	0.00	1.84	1.08	9.83	1.15	2.46	0.58	0.17	5.28
22	2.61	0.35	0.00	0.00	0.80	0.40	0.00	0.88	0.19	0.00	1.76	0.05	0.00	0.18	0.24	0.00	0.00	0.37	0.00	0.00	0.00	0.00	0.50	0.22	1.90	0.33	2.33	0.42	0.04	0.06
23	5.67	0.00	0.00	0.00	0.32	1.14	0.00	2.77	1.45	0.00	4.87	0.16	0.00	0.55	0.06	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	5.48	1.33	1.23	0.10	0.00	1.33
24	15.56	0.19	0.00	1.02	7.19	0.37	0.03	6.54	0.21	0.00	13.54	0.15	0.00	1.80	0.04	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.25	0.40	14.91	2.82	0.76	1.77	0.00	3.54
25	7.47	0.05	0.00	0.24	3.04	0.02	0.04	4.09	0.00	0.00	2.82	0.00	0.00	3.19	0.14	0.08	1.25	0.00	0.00	0.00	0.00	0.00	0.19	1.00	6.28	3.32	0.05	0.83	0.00	2.27
26	2.15	0.00	0.00	0.00	1.56	0.56	0.00	0.03	0.00	0.00	0.35	0.00	0.00	0.37	0.00	0.00	0.51	0.56	0.00	0.08	0.27	0.00	0.29	0.90	0.97	0.51	0.87	0.13	0.00	0.00
27	2.99	0.54	0.00	0.00	0.74	1.00	0.00	0.37	0.34	0.00	2.02	0.00	0.00	0.65	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.09	2.90	1.35	0.39	0.00	0.67	1.15
28	15.23	0.42	0.00	0.00	0.03	0.37	0.00	0.24	14.17	0.00	15.10	0.00	0.00	0.04	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.04	15.19	0.70	0.42	0.00	14.27	0.49
29	3.98	0.65	0.00	0.16	1.41	0.37	0.38	0.71	0.30	0.00	3.45	0.00	0.00	0.44	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.04	3.94	1.05	1.78	0.00	1.33	0.76
30	3.22	0.12	0.02	0.00	0.76	1.05	0.00	0.03	1.24	0.00	3.18	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.22	2.46	1.63	0.26	0.28	1.94
Total*	209.82	14.00	0.58	4.94	58.17	14.95	3.67	83.23	30.16	0.13	140.14	2.77	0.71	39.32	6.51	0.73	13.25	3.11	0.09	1.32	1.88	0.00	12.35	15.08	182.39	69.50	39.45	11.30	19.70	78.63

* Total Shoreline Miles: 262.02

Table 5. Westmoreland County, Virginia Shoreline Attributes - Shoreline Features - Plate Summary 2006

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 marsh toe	Miles of wharf
1	3.42	30	0	1	0	0	1	1	1	0	0	0	0.05	0.01	0.84	0.06	0.16	0.00	0.00
2	3.91	38	14	2	0	0	0	4	0	0	0	0	0.00	0.14	1.02	0.06	1.11	0.00	0.00
3	10.50	154	9	10	8	0	3	3	6	1	0	2	0.09	0.04	2.35	0.13	1.84	0.00	0.07
4	7.95	92	4	15	4	2	1	6	1	1	0	3	0.00	0.25	1.95	0.00	1.55	0.00	0.00
5	8.72	101	4	29	9	0	0	1	0	1	0	0	0.00	0.09	1.67	0.00	0.41	0.00	0.00
6	2.81	2	0	0	0	0	0	0	0	0	0	0	0.00	0.04	0.00	0.11	0.15	0.00	0.00
7	3.00	16	3	4	1	1	2	4	0	0	0	0	0.00	0.06	0.98	0.04	0.64	0.00	0.00
8	2.62	0	0	0	0	0	0	1	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	2.46	0	0	0	0	0	0	0	0	0	0	1	0.00	0.00	0.00	0.00	0.20	0.00	0.00
10	7.30	35	0	9	2	1	0	2	1	0	3	2	0.00	0.00	0.35	0.00	0.36	0.00	0.00
11	12.34	39	1	9	2	0	0	3	0	0	1	0	0.00	0.01	0.13	0.00	1.28	0.03	0.00
12	11.82	71	9	23	5	0	0	1	1	0	0	0	0.00	0.02	0.54	0.00	1.62	0.03	0.06
13	11.30	43	2	16	6	0	0	0	1	0	0	0	0.05	0.04	0.33	0.13	0.44	0.00	0.07
14	5.53	16	0	10	2	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.14	0.00	0.00
15	11.65	46	2	6	28	0	0	5	0	0	0	1	0.00	0.00	0.99	0.00	1.55	0.05	0.00
16	9.57	159	1	10	1	0	1	4	0	0	2	2	0.00	0.10	0.84	0.00	2.89	0.00	0.00
17	13.41	109	2	10	5	0	1	1	2	0	0	0	0.06	0.04	0.69	0.07	1.16	0.00	0.00
18	9.16	149	8	13	6	1	3	11	3	0	1	1	0.06	0.14	2.10	0.06	2.15	0.00	0.00
19	3.67	73	5	0	1	0	1	3	0	1	4	0	0.00	0.00	1.42	0.05	0.79	0.00	0.00
20	13.46	202	2	20	22	0	4	8	0	0	0	3	0.06	0.03	2.59	0.10	2.18	0.04	0.00
21	12.74	54	3	6	3	1	1	2	0	0	2	2	0.00	0.03	0.92	0.02	0.95	0.00	0.03
22	2.61	17	1	0	0	0	0	4	0	0	0	0	0.00	0.00	0.46	0.00	0.26	0.00	0.00
23	5.67	59	3	6	3	0	1	7	0	0	2	3	0.00	0.00	1.57	0.25	1.52	0.00	0.00
24	15.56	93	4	19	8	0	2	5	5	1	0	0	0.02	0.40	1.92	0.13	2.08	0.03	0.06
25	7.47	61	2	2	1	0	0	0	0	1	0	0	0.00	0.01	0.45	0.01	0.47	0.00	0.00
26	2.15	1	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	2.99	5	0	1	1	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.11	0.00	0.00
28	15.23	5	0	0	2	0	0	0	0	0	0	0	0.00	0.04	0.07	0.00	0.04	0.00	0.00
29	3.98	10	2	0	4	0	0	0	0	0	0	0	0.04	0.10	0.22	0.00	0.03	0.00	0.00
30	3.22	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total*	209.82	1498	74	187	115	6	20	64	19	6	15	16	0.40	1.40	21.72	1.07	23.92	0.15	0.30

* Total Shoreline Miles: 262.02

Table 6. Westmoreland County, Virginia Shoreline Attributes 2006 - *Phragmites australis* and Survey Dates.

PLATE NUMBER	TOTAL MILES SURVEYED	MILES REMOTELY SURVEYED	FIELD SURVEY DATES	PHRAGMITES (miles)	PLATE NUMBER	TOTAL MILES SURVEYED	MILES REMOTELY SURVEYED	FIELD SURVEY DATES	PHRAGMITES (miles)	PLATE NUMBER	TOTAL MILES SURVEYED	MILES REMOTELY SURVEYED	FIELD SURVEY DATES	PHRAGMITES (miles)
1	3.42	0.00	10/31/2006	0.00	11	12.34	0.00	7/25-27/06	1.42	21	12.74	0.00	7/11, 12/06	0.61
2	3.91	0.00	8/15/06, 10/31/06	0.21	12	11.82	0.00	7/26, 27/06	0.27	22	2.61	0.00	7/12/2006	0.43
3	10.50	1.60	8/15/06, 10/31/06	0.79	13	11.30	0.00	7/26, 27/06	0.41	23	5.67	0.00	7/12/2006	0.38
4	7.95	0.00	7/31/06, 8/15, 18/06, 10/31/06	0.47	14	5.53	0.00	7/27/2006	0.38	24	15.56	0.00	7/7, 12/06	0.71
5	8.72	0.00	8/18/2006	0.16	15	11.65	0.00	7/25, 26/06	0.77	25	7.47	0.00	7/7/2006	0.20
6	2.81	0.00	7/31/2006	0.08	16	9.57	0.00	7/25/06, 9/15/06	0.26	26	2.15	0.00	7/10/2006	0.00
7	3.00	0.00	7/31/2006	0.29	17	13.41	0.00	7/24, 25/06	0.21	27	2.99	0.00	7/10/2006	0.00
8	2.62	0.00	7/31/2006	0.03	18	9.16	0.00	7/11, 24, 25/06	0.62	28	15.23	0.00	7/10/2006	0.00
9	2.46	0.00	7/31/2006	0.06	19	3.67	0.00	7/11/2006	0.05	29	3.98	0.00	7/10/2006	0.00
10	7.30	0.00	7/27, 31/06	1.24	20	13.46	0.00	7/11, 24/06	0.95	30	3.22	0.00	7/10/2006	0.00

Total miles of *Phragmites australis*: 10.14
 Total Miles Remotely Surveyed: 1.60
 Total Shoreline Miles: 262.02