

Table 4. City of Alexandria and Fairfax County, Virginia Shoreline Attributes - Riparian Land Use - River System Summary

CITY OF ALEXANDRIA AND FAIRFAX COUNTY RIVER SYSTEM	TOTAL MILES SURVEYED	RIPARIAN LAND USE (miles)																															
		AGRICULTURE				BARE	COMMERCIAL				FOREST			GRASS				INDUSTRIAL				PAVED				RESIDENTIAL				SCRUB-SHRUB			
		no tree buffer	tree fringe only	fringe with canopy over- hang	total		no tree buffer	tree fringe only	fringe with canopy over- hang	total	no canopy over- hang	canopy over- hang	total	no tree buffer	tree fringe only	fringe with canopy over- hang	total	no tree buffer	tree fringe only	fringe with canopy over- hang	total	no tree buffer	tree fringe only	fringe with canopy over- hang	total	no tree buffer	tree fringe only	fringe with canopy over- hang	total	no tree buffer	tree fringe only	fringe with canopy over- hang	total
Doque Creek	8.17	0.00	0.00	0.00	0.00	0.00	0.54	0.10	0.06	0.70	1.74	2.73	4.47	0.24	0.06	0.20	0.51	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.08	1.76	0.14	0.34	2.24	0.17	0.00	0.00	0.17
Fourmile River	2.55	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.33	0.00	0.94	0.94	0.77	0.00	0.19	0.96	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.12
Hunting Creek	7.50	0.00	0.00	0.00	0.00	0.41	0.79	0.00	0.00	0.79	0.20	0.68	0.88	0.72	0.00	0.60	1.33	0.00	0.00	0.00	0.00	2.63	0.00	0.33	2.96	0.45	0.00	0.04	0.49	0.63	0.00	0.00	0.63
Little Hunting Creek	9.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.26	0.21	3.47	0.03	0.12	0.11	0.26	0.00	0.00	0.00	0.00	0.04	0.07	0.00	0.11	2.00	1.95	0.79	4.74	0.53	0.00	0.00	0.53
Occoquan River	17.63	0.00	0.25	0.00	0.25	0.18	0.41	0.11	0.00	0.52	11.59	1.25	12.83	0.45	0.04	0.10	0.59	0.00	0.00	0.00	0.00	0.19	0.00	0.04	0.23	1.92	0.36	0.20	2.47	0.55	0.00	0.00	0.55
Pohick River	19.86	0.00	0.00	0.00	0.00	0.17	0.48	0.24	0.00	0.72	7.83	6.70	14.53	0.48	0.60	0.11	1.19	0.00	0.00	0.00	0.00	0.35	0.06	0.00	0.41	0.43	0.63	0.07	1.13	1.72	0.00	0.00	1.72
Potomac River	34.07	0.00	0.00	0.00	0.00	0.00	0.92	0.13	0.00	1.05	15.66	1.64	17.30	0.98	0.55	0.80	2.34	0.00	0.00	0.28	0.28	0.56	0.00	0.01	0.57	2.66	1.94	0.46	5.06	7.47	0.00	0.00	7.47
Total	98.87	0.00	0.00	0.00	0.25	0.76	3.47	0.58	0.06	4.11	40.28	14.14	54.42	3.68	1.37	2.11	7.18	0.00	0.00	0.28	0.28	4.06	0.12	0.38	4.57	9.22	5.02	1.90	16.13	11.19	0.00	0.00	11.19

Table 5. City of Alexandria and Fairfax County, Virginia Shoreline Attributes - Riparian Bank Condition - River System Summary

CITY OF ALEXANDRIA AND FAIRFAX COUNTY RIVER SYSTEM	TOTAL MILES SURVEYED	BANK  (bank height and erosion status - miles of shore)																							
		0-5 FEET						5-10 FEET						10-30 FEET						>30 FEET					
		erosional	erosional undercut	stable	stable undercut	transitional	transitional undercut	erosional	erosional undercut	stable	stable undercut	transitional	transitional undercut	erosional	erosional undercut	stable	stable undercut	transitional	transitional undercut	erosional	erosional undercut	stable	stable undercut	transitional	transitional undercut
		erosional	erosional undercut	stable	stable undercut	transitional	transitional undercut	erosional	erosional undercut	stable	stable undercut	transitional	transitional undercut	erosional	erosional undercut	stable	stable undercut	transitional	transitional undercut	erosional	erosional undercut	stable	stable undercut	transitional	transitional undercut
Doque Creek	8.17	0.05	0.00	7.24	0.00	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fourmile River	2.55	0.00	0.00	2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hunting Creek	7.50	0.00	0.00	7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Little Hunting Creek	9.10	0.00	0.00	8.01	0.00	0.10	0.00	0.00	0.00	0.67	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Occoquan River	17.63	0.14	0.00	13.92	0.00	0.00	0.00	0.84	0.00	0.49	0.00	0.06	0.07	0.50	0.00	1.18	0.00	0.00	0.14	0.00	0.00	0.30	0.00	0.00	0.00
Pohick River	19.86	0.85	0.00	16.18	0.00	0.35	0.00	0.00	0.00	1.40	0.00	0.17	0.00	0.29	0.00	0.35	0.00	0.10	0.00	0.05	0.00	0.04	0.00	0.09	0.00
Potomac River	34.07	0.65	0.00	25.20	0.00	1.32	0.00	0.13	0.00	2.14	0.00	0.09	0.00	1.29	0.00	2.04	0.00	0.31	0.00	0.00	0.00	0.91	0.00	0.00	0.00
Total	98.87	1.68	0.00	80.59	0.00	1.76	0.00	0.96	0.00	5.16	0.00	0.31	0.07	2.08	0.00	4.30	0.00	0.41	0.14	0.05	0.00	1.26	0.00	0.09	0.00

Table 6. City of Alexandria and Fairfax County, Virginia Shoreline Attributes - Riparian Buffer Condition, *Phragmites australis* and Survey Dates - River System Summary

CITY OF ALEXANDRIA AND FAIRFAX COUNTY RIVER SYSTEM	TOTAL MILES SURVEYED	BANK COVER			NATURAL BUFFER							PHRAGMITES (miles)	MILES REMOTELY SURVEYED	FIELD SURVEY DATES
		(miles)			BEACH	(miles)								
		bare	partial	full		MARSH								
						embayed	extensive	fringe <5	fringe 5-10	fringe 10-15	fringe >15			
Doque Creek	8.17	0.05	0.00	8.12	0.69	0.00	0.00	0.00	0.04	0.00	0.59	0.03	3.64	June 8, 2010
Fourmile River	2.55	0.00	0.00	2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	2.21	August 11, 2010
Hunting Creek	7.50	0.00	0.00	7.50	0.00	0.00	0.00	0.58	0.96	0.35	0.51	0.00	4.69	August 11, 2010
Little Hunting Creek	9.10	0.00	0.00	9.10	0.08	0.05	0.08	0.92	0.64	0.17	4.29	0.00	2.70	June 8, 2010
Occoquan River	17.63	1.14	0.78	15.71	2.93	0.51	0.39	2.55	0.43	0.07	5.01	0.04	6.01	June 7, 2010
Pohick River	19.86	0.28	1.15	18.43	4.88	0.00	0.00	0.00	0.00	0.00	4.29	0.00	9.14	June 8, 2010
Potomac River	34.07	2.00	0.62	31.44	5.62	0.00	12.80	0.13	0.00	0.02	3.66	0.00	0.00	June 7 & 8, 2010 and August 11, 2010
Total	98.87	3.48	2.55	92.85	14.20	0.55	13.27	4.17	2.08	0.60	18.42	0.07	28,39	

Table 7. City of Alexandria and Fairfax County, Virginia Shoreline Attributes - Shoreline Features - River System Summary

CITY OF ALEXANDRIA AND FAIRFAX COUNTY RIVER SYSTEM	TOTAL MILES SURVEYED	SHORELINE FEATURES																
		No.	No.	No.	No. ramps		No.	No.	No. marinas		No.	No.	Miles of	Miles of	Miles of	Miles of	Miles of	Miles of
		docks	dilapidated docks	boathouses	private	public	outfalls	groinfields	<50 slips	>50 slips	jetties	breakwater	debris	unconventional	bulkhead	dilapidated bulkhead	marsh toe revetment	riprap
Doque Creek	8.17	39	0	3	2	0	0	0	1	2	0	0	0.00	0.01	0.55	0.00	0.00	1.19
Fourmile River	2.55	8	0	0	0	0	0	0	0	1	0	0	0.00	0.02	0.20	0.00	0.00	0.20
Hunting Creek	7.50	2	0	0	0	0	0	0	0	0	0	0	0.00	0.06	0.33	0.00	0.00	0.47
Little Hunting Creek	9.10	60	0	0	2	0	1	0	0	0	0	0	0.00	0.04	0.41	0.00	0.00	0.38
Occoquan River	17.63	17	0	0	3	1	0	0	1	2	0	3	0.00	0.27	0.55	0.00	0.00	1.32
Pohick River	19.86	19	0	0	3	2	0	0	0	0	0	0	0.00	0.29	0.37	0.04	0.00	0.62
Potomac River	34.07	90	4	9	3	2	3	2	0	2	2	0	0.04	1.47	3.12	0.19	0.00	3.55
Total	98.87	235	4	12	13	5	4	2	2	7	2	3	0.04	2.17	5.53	0.23	0.00	7.72