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## Summary Tables: Fairfax County and the City of Alexandria, Virginia Shoreline Inventory Report

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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	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
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 (miles)			BEACH	NATURAL BUFFER (miles)						PHRAGMITES (miles)	MILES REMOTELY SURVEYED	FIELD SURVEY DATES
		bare	partial	full		embayed	MARSH							
							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. 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 marsh toe revetment	Miles of riprap	Miles of wharf
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	0.00
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	0.00
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	0.00
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	0.00
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	0.07
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	0.06
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	0.11
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	0.24