



Virginia Aquatic Resources Trust Fund Project Development

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Virginia Aquatic Resources Trust Fund History





1995 – Wetland Restoration Trust Fund – wetlands only 2003 – Virginia Aquatic Resources Trust Fund – streams added



Virginia Aquatic Resources Trust Fund



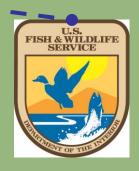


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VARTF – Program Instrument



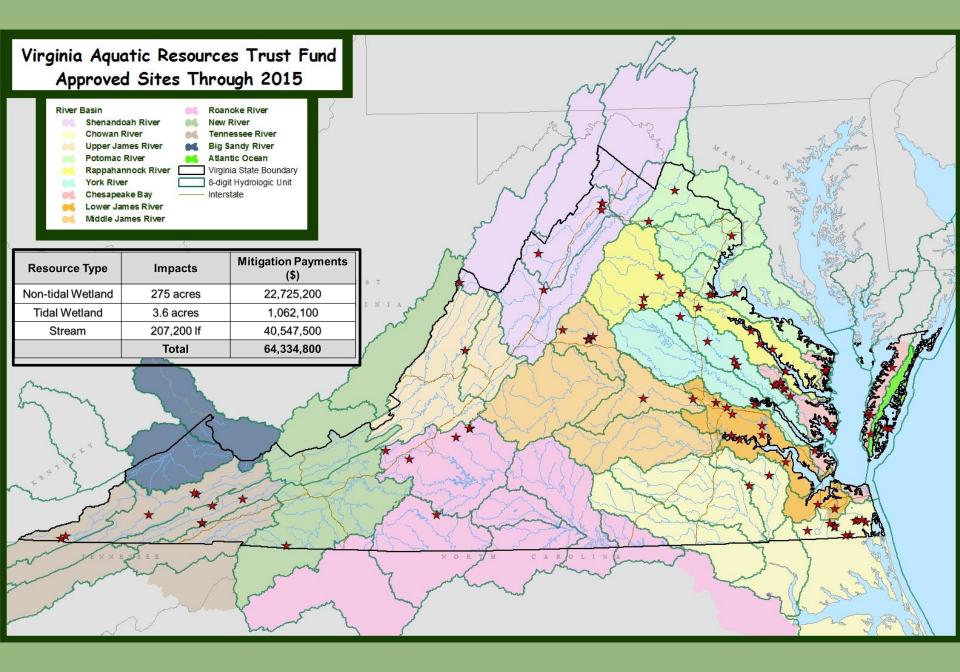




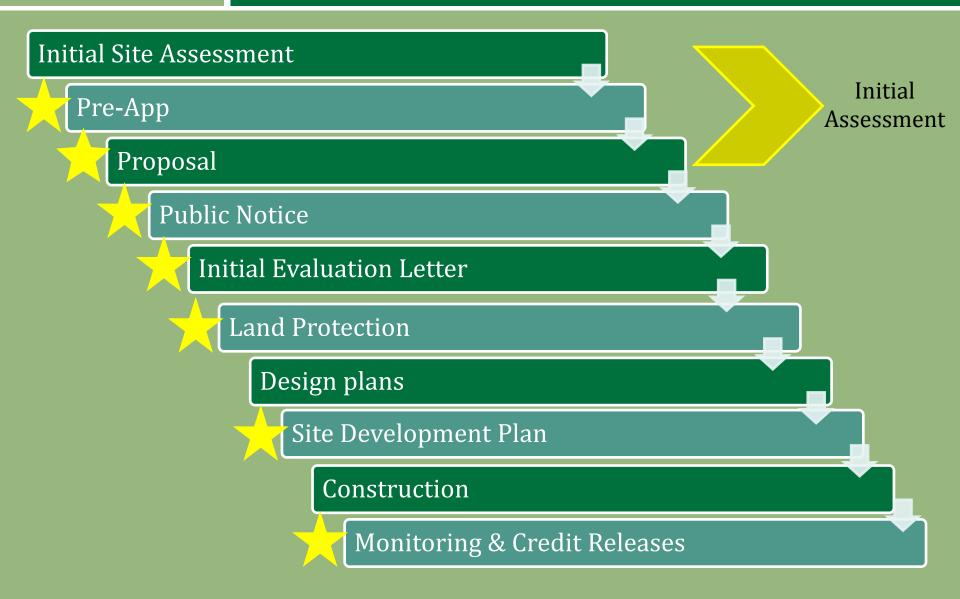
Virginia Aquatic Resources Trust Fund

Program Stats through 2015								
Number of Approved Projects	124							
Number of Staff	6.5							
Funds Accrued	\$64M							
Funds Allocated	\$49M							

- 10 projects initiated since 2011 Instrument
- 1 SDP approved 2015
- 4 additional SDPs submitted
- More SDPs in development









Project Development – Finding Sites

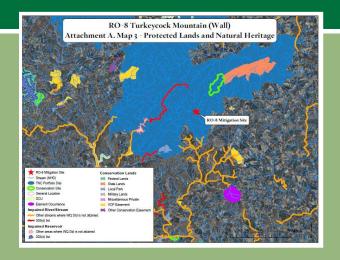
- -Partners conservation focus
- -GIS Analysis direct outreach
- -RFP solicit projects from consultants
- -TNC staff aquatic focus
- -Landowner, consultant initiated

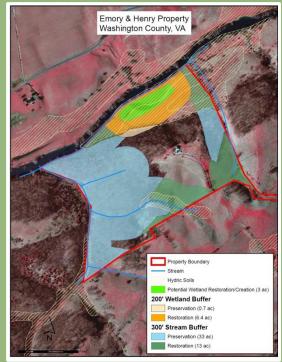




Project Development – Site Assessment

- GIS Analysis
- Compensation Planning Framework
- Program Status
 - Site Visit





- Protection mechanism
- Construction and buffer options
- Financial

Landowner negotiations

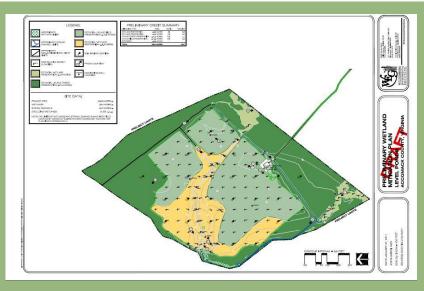
Mitigation

potential

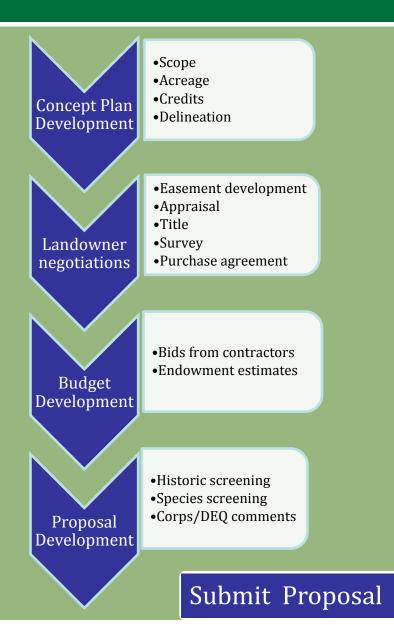
Submit Pre-App



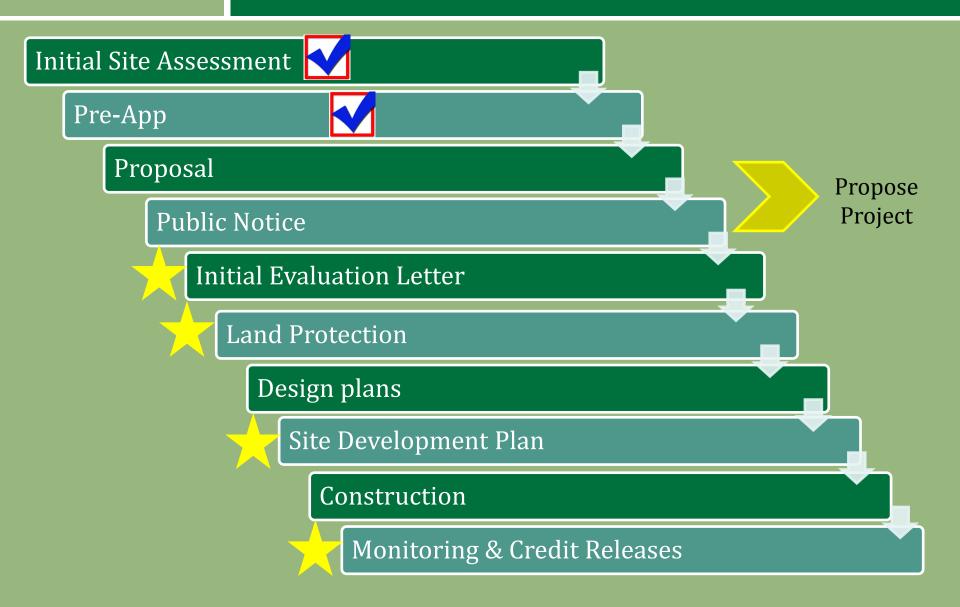
Project Development – Initial Evaluation



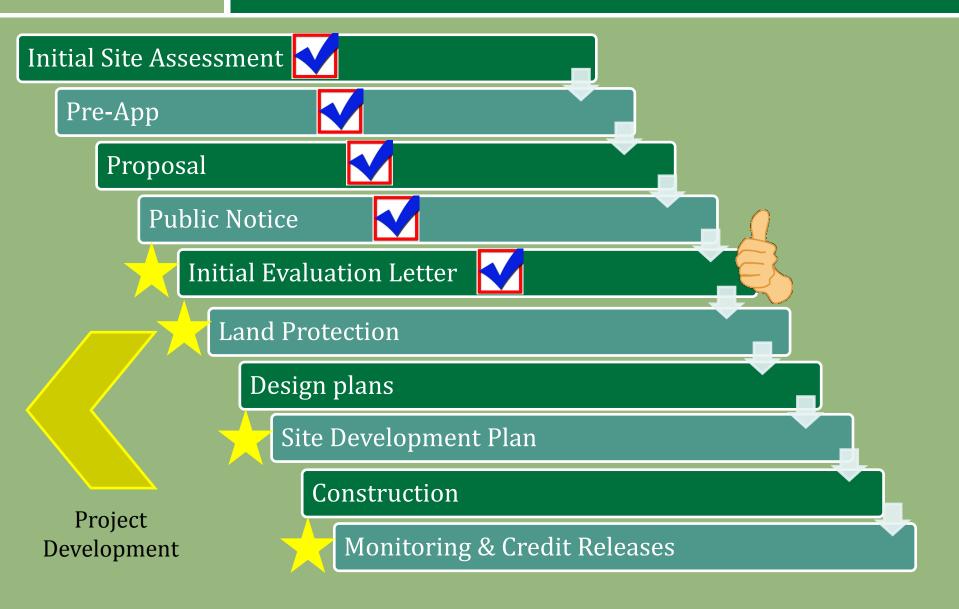
	Management and Maintenance Tasks	Description	Number of Units	Cost per Unit	Total Unit Cost	Ð	k penses	Frequency	Schedule	Tota	al Annual Cos
nva	asive Species Managem	ent		10. 11.			2			39. 	
	Manage Invasive	Mechanical and/or chemical treatment	22 acres	\$ 50.00	\$ 1,100.00		N/A	Every 5 years	Growing season	\$	220.00
	Species	Travel and oversight	10 hours	\$ 29.60	\$ 296.00	\$	177.55	Every 5 years	Growing season	\$	94.7
ras	sh										
	Collect and remove trash	Trash removal	1 hour	\$ 29.60	\$ 29.60	\$	140	Every 2 years	Any time	\$	14.80
Sigr	nage										
	Repair/replace signs	Signage repair/replacement	1 hour	\$ 29.60	\$ 29.60	\$	5.00	Every 10 years	Any time	Ş	3.46
Stru	ictures and Roads										
	Assess water control structure	Assess water control structure	6 hours	\$ 29.60	\$ 177.60	s	152.55	Once every year (2 visits/year, one visit included in annual monitoring shown in Stewardship Fund)	Any time	Ş	330.1
	Maintain water control structure	Maintain water control structure	1 hour	\$ 29.60	\$ 29.60	\$	100.00	Every 5 years	Any time	Ş	25.92
	Replace water control structure	Replace water control structure	1 hour	\$ 29.60	\$ 29.60	\$	7,000.00	Every 30 years	Any time	s	234.32
۱nr	nual Report	_									
	Prepare and submit annual report and recommendations	Report preparation and submittal	4 hours	\$ 29.60	\$ 118.40	\$	-	Once every year	Submit by December 31	\$	118.4
		TOTAL ANNUAL FUNDING AMOUN CAPITALIZATION RA							NG AMOUNT	\$	1,041.70
									ZATION RATE		4.55%
	LONG-TERM MANAGEMENT AND MAINTENANCE ENDOWMENT									Ś	22.895.8

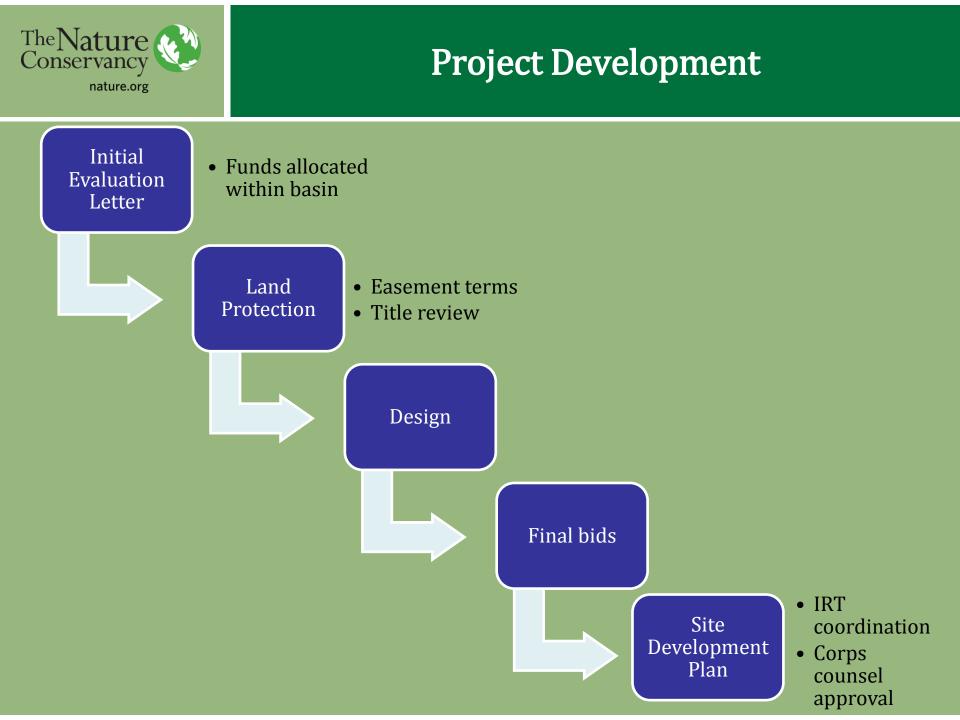




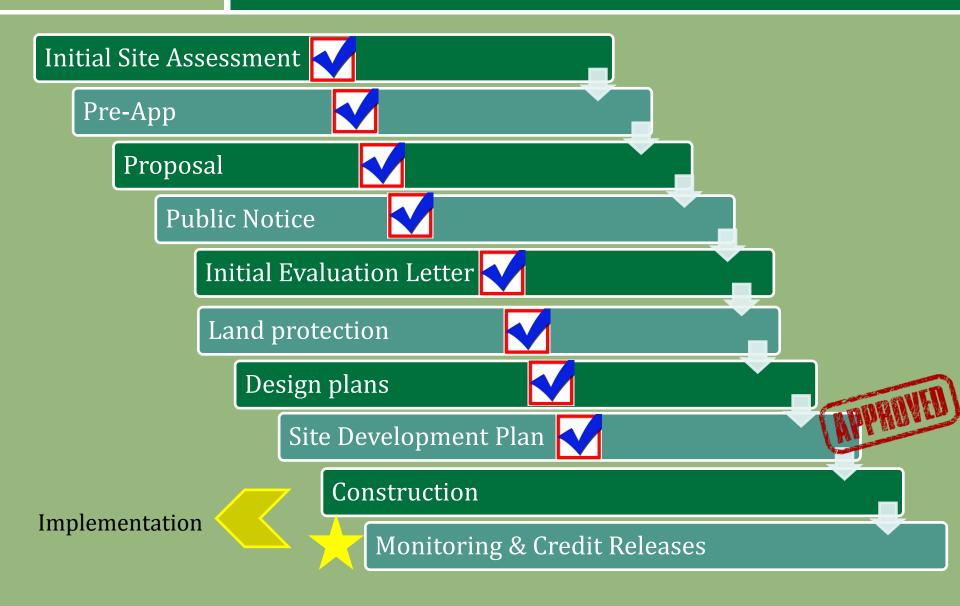






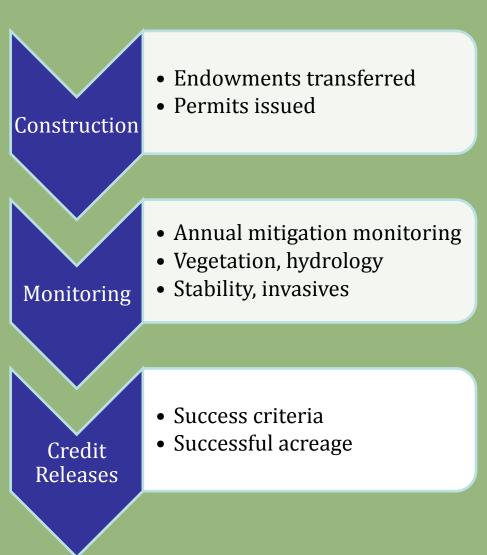






Project Implementation



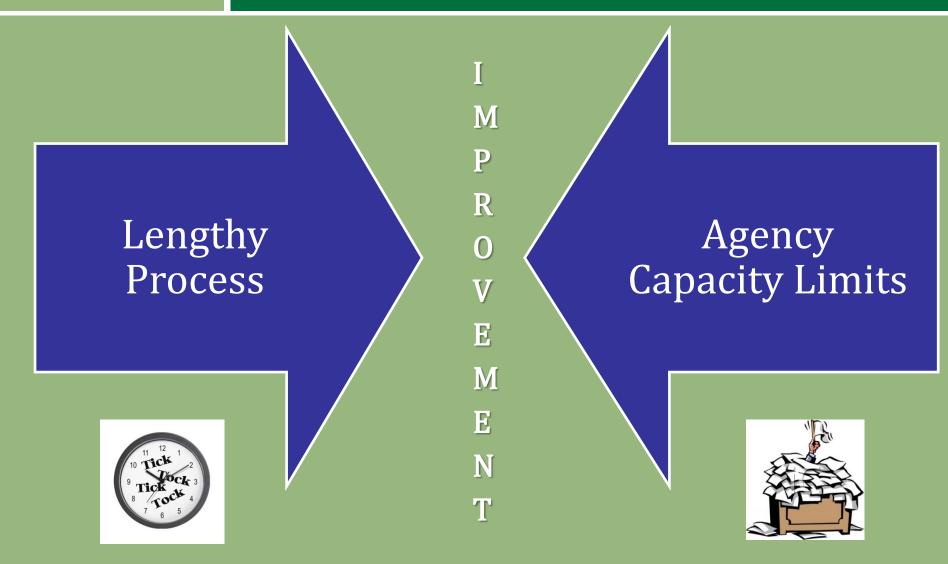






Program Constraints







Possible Solutions

- Audit
 - Required of our Program Instrument
 - At least every five years
 - Identified program weaknesses
- DEQ Reauthorization
 - State requirement every five years
 - Leverage to address specific deficiencies
 - Instrument modifications
- Streamlined process
 - Identify areas where templates can be used
 - Identify areas where full IRT review is not required

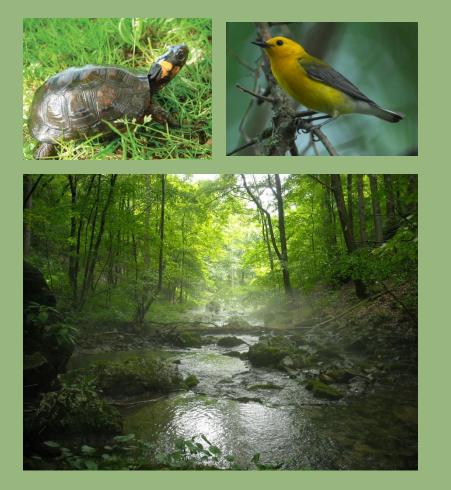








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