

**RAPPAHANNOCK-RAPIDAN REGION
CHESAPEAKE BAY URBAN SECTOR GRANT PROJECTS**

Applicant	Grant Program	Project Description	Project Location	Partners	Grant Funds	Total Project Cost	Awarded?	Design or Study Done?	Notes
Culpeper SWCD	Krebsler Fund for Rappahannock County	CSWCD Landowner Assistance Cost Share for BMPs (2019): PEC is collaborating with the Culpeper Soil and Water Conservation District to accelerate the pace of water quality improvements in watersheds with polluted streams in Rappahannock County. PEC's Krebsler Fund for Rappahannock County will provide funding assistance to landowners to install Agricultural Best Management Practices (BMPs) that provide water quality benefits, like livestock exclusion fencing along streams. The Culpeper SWCD will administer up to \$50,000.00 of financial support from the Krebsler Fund through an application process available to all approved Rappahannock County applicants.	Rappahannock County	PEC	\$50,000	\$50,000	yes	n/a	
FOR	NFWF	Riparian Buffers (urban and agricultural)	Upper Rappahannock/ Rapidan River Watershed	PEC, DOF, JMSWCD	\$50,000	\$250,000	In-Hand	Yes	Project ends December 2019
FOR	NFWF INSR	Urban Tree Planting, Urban Nutrient Management/ No Fertilizer Pledges, Riparian Buffers, Living Shorelines, Stream Restoration, Constructed Wetland..	Rappahannock River Watershed	RRRC, GWRC, NNPDC, MPPDC, JMSWCD, NNSWCD, TRSWCD, PEC, Fauquier County, Town of Culpeper, City of Fredericksburg, Stafford County, UMW, VDOT, DCR, DOF, OCHS, TU, VT Extension, Goose Creek Association	\$850,000	\$1,850,000	Application Submitted	Yes	
FOR	NFWF SWG	Urban Tree Planting, Urban Nutrient Management/ No Fertilizer Pledges	Seven Counties in Rappahannock River Watershed	RRRC, PEC, Fauquier County, Town of Culpeper, OCHS, City of Fredericksburg, Stafford County, GWRC, DOF, TU, JMSWCD, UMW, VT Extension, Goose Creek Association	\$200,000	\$400,000	Application Submitted	Yes	
FOR	VEE	Urban Nutrient Management Plans, Urban Tree Planting	Seven Counties in Rappahannock River Watershed	DOF, VT Extension	\$27,000	\$50,000	Application Submitted	No	
PEC	Chesapeake Bay Restoration Fund	PEC will partner with the Town of Warrenton to organize Warrenton Waterkeepers, a citizen science group that will host water quality educational events and volunteer work days in the Town of Warrenton. This educational program will complement the Town of Warrenton's existing volunteer-based Adopt-A-Stream program and MS-4 permit goals for public outreach.	Warrenton, VA	Town of Warrenton	\$1,325	\$11,820	Yes	n/a	

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PEC	Kortlandt Fund - Northern Piedmont Community Foundation	PEC will partner with the Town of Warrenton to organize Warrenton Waterkeepers, a citizen science group that will host water quality educational events and volunteer work days in the Town of Warrenton. This educational program will complement the Town of Warrenton's existing volunteer-based Adopt-A-Stream program and MS-4 permit goals for public outreach.	Warrenton, VA	Town of Warrenton	\$6,285	\$11,820	Yes	n/a	
PEC	Krebsler Fund for Rappahannock County	Headwater Stream Initiative (2016): HSI is a joint effort by PEC and the Friends of the Rappahannock (FOR) to provide technical assistance, project design, materials, and labor for the planting of native trees and shrubs in riparian zones on properties in the headwater counties of the Rappahannock River Watershed. Krebsler Funds are providing funds that will be leveraged as a 50% match with other funding partners for the HSI program. Krebsler Fund financial assistance will be provided HSI projects that are within Rappahannock County. In its initial first years, 2016-2017, the HSI program resulted in 3,515 trees, 250 live stakes on 4,600 linear feet of stream on approximately 16 acres.	Rappahannock County	Friends of Rappahannock (FOR)	\$10,000	\$10,000	yes	n/a	
PEC	NFWF Bring Back the Natives	Piedmont Fish Passage Initiative- Piney River (2019): This pilot project will develop a fish-friendly and stream-simulation design for an improved road-stream structure that will replace the existing multiple steel culverts that are restrictive to fish passage. By replacing the four culverts with a fish-friendly structure, VDOT will ensure up to 2 miles of improved fish habitat, especially for native brook trout at Piney River.	Sperryville, VA	VDOT, USFWS, DGIF	\$65,000	\$192,000	yes		
PEC	NFWF Small Watershed Grant	Bolton Branch Trout Stream Restoration Project (2018)	Huntly, VA	USFWS, DGIF	\$108,100	\$269,015	yes	yes	

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PEC	NFWF Small Watershed Grant	Piedmont Fish Passage Initiative- Bolton Br. 2 & Piney River (2019): PEC, VDOT Culpeper District and US Fish and Wildlife Service are partnering to complete two pilot projects for trout stream restoration in Rappahannock County: at Piney River (VA Rt. 653) and Bolton Branch (VA Rt. 631) respectively. VDOT has flagged both of these locations as in-need of repair and to-be replaced in 2020. These projects will restore 0.30 riparian acres of habitat, reconnect four miles of stream, and remove two major barriers to fish passage total.	Huntly & Sperryville, VA	VDOT, USFWS, DGIF	\$199,057	\$602,708	yes		
PEC	NFWF Technical Capacity Assistance Program	Bolton Branch Trout Stream Restoration Project & Piedmont Fish Passage Prioritization (2017)	Huntly, VA	Ecosystem Services, LLC	\$26,016	\$269,015	yes	n/a	
PEC	Ohrstrom Foundation	Bolton Branch Trout Stream Restoration Project (2018)	Huntly, VA	USFWS, DGIF	\$18,000	\$269,015	yes	n/a	
PEC	PEC General Funds	Sustainable landscaping workshops for landowners and HOA's considering more sustainable landscaping alternatives to mowed lawn in their yards and common areas. PEC has hosted one a year for homeowners but would like to add a second one, in response to expressed interest, for HOA's in 2020.	Attendees come from Fauquier, Culpeper, and Rappahannock Counties	Hill House Farm and Native Plant Nursery, VDOP, JMSWCD, and VCE	n/a	\$2,500	n/a	n/a	
PEC	PEC's Krebsler Fund for Rappahannock Conservation	Rappahannock Trout Stream Restoration Projects: The Krebsler Fund is an advisory fund to PEC's Executive Committee that fundraises and awards projects in Rappahannock County that enhance the conservation of natural resources and promote land conservation. Funds were awarded to PEC's Sprucepine Branch and Bolton Branch Trout Stream Restoration Projects. These projects reconnected over 4 miles of trout habitat by replacing culvert driveway barriers to fish passage with open-span bridges. Additionally, Bolton Branch restored 800 linear feet of stream bank and 1.5 riparian acres for water quality and habitat benefits.	Huntly, VA	USFWS, DGIF, NFWF, Ohrstrom Foundation	\$70,000	\$354,015	yes	n/a	
PEC	The Campbell Foundation	Tuition for PEC staff to attend Natural Channel Design Principals Workshop with NC State, Fall 2019	Warrenton, VA	n/a	\$1,000	\$1,000	yes	n/a	

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PEC	USFWS National Fish Passage Program	Sprucepine Branch Trout Stream Restoration Project (2017): Recent work at Sprucepine Branch reconnected 2 miles of stream, as a set of culverts were removed from a private driveway, and replaced with a bridge. PEC coordinated with the U.S. Fish and Wildlife Service and Shenandoah Streamworks on the natural channel design and construction. The work included re-grading stream banks and in-stream structures that restored the natural hydrology of those streams. The Virginia Department of Game and Inland Fisheries provided pre and post fish community monitoring.	Huntly, VA	USFWS, DGIF	\$85,000	\$269,015	yes	yes	
PEC	USFWS National Fish Passage Program	Bolton Branch Trout Stream Restoration Project (2018): This stream restoration project replaces one driveway culvert with an open span bridge; restores 800 feet of streambank; and improves 1.5 riparian acres with new planted native trees and shrubs; and reconnect 2 miles of stream for fish passage. Local landowners are engaged with the project to improve their land and driveways, as all stream crossings are on private land. The project's scope of work includes a 30% conceptual design, stream surveys, final engineering, construction, as-built survey, and monitoring for water quality and fish habitat.	Huntly, VA	USFWS, DGIF	\$67,020	\$269,015	yes	yes	
PEC	USFWS National Fish Passage Program	Piedmont Fish Passage Initiative- Bolton Br. 2 & Piney River	Huntly & Sperryville, VA	VDOT, USFWS, DGIF	\$90,000	\$602,708			
Town of Warrenton	CDBG/DHCD	Septic Tank Removal	Throughout Town	None	Not yet requested	\$50 K/yr	no	no	Ongoing process: convert Septic Tanks to Public Sewer. Currently have 115 units (2 to 5/year). MS4 permit project
Town of Warrenton	Private Foundation	Bio-Retention swale below dog park parking lot	Warrenton Dog Park Parking Lot	Center for Watershed Protection	??	\$150,000	yes	in progress	Working with the Center for Watershed Protection for this project. Design Completion estimated Sept 2019, Construction May 2020 designing . MS4 permit project
Town of Warrenton	SLAF	Dry SWM Pond Retrofit to Bio-Retention Pond/Wetland	Garrett Street	None	Not yet requested	\$200,000	no	no	Need to complete environmental assessment of credit potential, and modifications to convert existing pond

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Town of Warrenton	SLAF	New Bio-Retention Facility for Warrenton Middle Drainage basin	Garrett Street	Center for Watershed Protection	Not yet requested	\$400,000	no	no	Planning with the CWP for an new facility adjacent to the existing pond to pick up drainage from Warrenton Middle and adjacent neighborhoods. MS4 permit project.
Town of Warrenton	SLAF or INSR/NFWF	Streambed Improvement Project/ Hampton Inn	Off Lee Hwy in front of Hampton Inn	RES	Not yet requested	\$1,750,000	no	yes/ Study	proposal from RES to design & construct nutrient reduction program for 317 lbs. MS4 permit project
Town of Warrenton	SLAF or SWG/NFWF	SWM/BMP's Town Shop	Public Works Shop	None	Not yet requested	\$220,000	no	yes/concept	Design being prepared by SW Consultant (Wiley & Wilson). MS4 permit project
Town of Warrenton	VA Conservation Assistance Program	The Town of Warrenton improved water quality for Cattail Creek at Rady Park by installing it's first raingarden. This garden was designed by PEC, and included all native pollinator shrubs and perennial wildflowers, grasses, sedges, etc. The John	Warrenton, VA	PEC	\$1,790	\$2,380	yes	yes	