



May 2019

Virginia Nonpoint Source (NPS) Program Update:

NPS Activities

- **NPS Implementation Projects:** Generally support agricultural, residential septic and urban BMP activities in impaired watersheds. Funded mainly by NPS (Federal Clean Water Act Section 319(h)) funds. Currently there are 25 active projects. DEQ reports annually on progress in implementation watersheds which are posted to: <http://www.deq.virginia.gov/Programs/Water/WaterQualityInformationTMDLs/TMDL/TMDLImplementation/TMDLImplementationProjects.aspx>
- **DEQ NPS BMP Manual:** DEQ maintains a NPS BMP manual which includes agricultural, septic and pet waste BMP specifications. DEQ will issue a FY20 Manual in July 2019. The FY19 manual is currently located here: https://www.deq.virginia.gov/Portals/0/DEQ/Water/NonpointSource/ImplementationProjects/DEQ-NPSBMPGuidelines_FY19.pdf
- **Success Stories:** DEQ and its partners write Success Stories, which highlight the activity of the partners (e.g. SWCDs) to engage landowners to install BMPs. Copies of these stories are posted to: <http://www.deq.virginia.gov/Programs/Water/WaterQualityInformationTMDLs/WaterQualitySuccessStories.aspx> In addition, DEQ has an interactive Story Map where success stories can be located: <http://vadeq.maps.arcgis.com/apps/MapTour/index.html?appid=21f6256776284f5392e9f833c41d39a1>
- **Funding Opportunities for NPS TMDL Implementation Projects:** DEQ generally holds requests for applications (RFA) every 1-2 years to solicit proposals for new implementation projects. Generally, these are issued in summer (e.g. August 2019) for the issuance of sub-award agreements for the next year (e.g. July 2020). Announcements of funding opportunities can be found on the DEQ NPS Grant Funding web page at: <http://www.deq.virginia.gov/Programs/Water/CleanWaterFinancingAssistance/NonpointSourceFunding.aspx>.
- **Implementation Plan (IP) Development:** A plan to implement BMPs to achieve water quality goals, approved by USEPA and the SWCB; currently there are four IPs under development and 2 new IP development project set to start in the coming months. Once completed these plans may qualify for the aforementioned funding opportunities. Information on these or any historical IPs can be found at: <https://www.deq.virginia.gov/Programs/Water/WaterQualityInformationTMDLs/TMDL/TMDLImplementation/TMDLImplementationPlans.aspx>.

Regional Office (RO) TMDL Nonpoint Source Coordinators

- **Blue Ridge Regional Office (BRRO), Roanoke:** James MoneyMaker, (540) 562-6738, James.Moneymaker@deq.virginia.gov
- **Northern Regional Office (NRO), Woodbridge:** Dave Evans, (703) 583-3835, David.Evans@deq.virginia.gov
- **Piedmont Regional Office (PRO), Glen Allen:** Kelley West, (804) 527-5029 (acting) Kelley.West@deq.virginia.gov
- **Southwest Regional Office (SWRO), Abingdon:** Stephanie Kreps, (276) 676-4803, Stephanie.Kreps@deq.virginia.gov
- **Tidewater Regional Office (TRO), VA Beach:** Steven Hummel, (757) 518-2153, Steven.Hummel@deq.virginia.gov
- **Valley Regional Office (VRO), Harrisonburg:** Sara Bottenfield, (540) 574-7872, Sara.Bottenfield@deq.virginia.gov

Central Office (CO):

- **Ashley Wendt, TMDL Technical Reviewer,** Ashley.Wendt@deq.virginia.gov, (804) 698-4042. May be reached for questions on TMDL Implementation Plans and water quality monitoring.
- **Lauren Linville, NPS Projects Coordinator:** Lauren.Linville@deq.virginia.gov, (804) 698-4096. May be reached for questions on NPS grants, sub-awards and future requests for applications (RFA).
- **Nicole Sandberg, NPS Program Coordinator:** Nicole.Sandberg@deq.virginia.gov, (804) 698-4043. May be reached for questions on NPS Implementation, NPS (Section 319(h)) grants, and the NPS Management Program.
- **Ram Gupta, TMDL Coordinator,** Ram.Gupta@deq.virginia.gov, (804) 698-4184. May be reached for questions on shellfish implementation plans, success stories and the Slate and Rock Island Creek TMDL Implementation Project with Peter Francisco SWCD.

Current 319(h) TMDL Implementation Projects

Sponsor (DEQ Region)	Project Area
Accomack Northampton PDC (TRO)	Gulf, Barlow, Mattawoman, Jacobus and Hungars Creeks Residential Septic TMDL Implementation Project
Blue Ridge SWCD (BBRO)	Blackberry Creek and Smith River TMDL Implementation Project
Chesapeake Bay Foundation with Headwater SWCD (VRO)	South River and Christians Creek TMDL Implementation Project
City of Richmond (PRO)	James River Urban TMDL Implementation Project
Clinch Valley SWCD (SWRO)	Copper and Moll Creeks TMDL Implementation Project
Culpeper SWCD (NRO)	Upper Hazel River TMDL Implementation Project Upper Rapidan River TMDL Implementation Project Upper Robinson & Little Dark Run TMDL Implementation Project Upper York River TMDL Implementation Project
Evergreen SWCD (SWRO)	North Fork Holston River – Smyth River TMDL Implementation Project
Halifax SWCD (BRRO)	Lower Banister River and Terrible Creek TMDL Implementation Project
Holston River SWCD (SWRO)	North Fork Holston - Washington County
James River Association (PRO)	James River Urban TMDL Implementation Project
John Marshall SWCD (NRO)	Upper Goose Creek TMDL Implementation Project
LENIWISCO PDC with Scott County SWCD (SWRO)	North Fork Holston - Scott County (Septic only)
Mountain Castles SWCD (BRO)	Roanoke River IP – 1: Tinker and Glade Creeks Residential Septic Program
Natural Bridge SWCD (VRO)	Buffalo, Colliers and Cedar Creeks TMDL Implementation Project
Peter Francisco SWCD (CO)	Slate River and Rock Island Creek TMDL Implementation Project
Piedmont SWCD (PRO)	Spring Creek et al Watershed Residential Septic Flat and Nibbs Creek TMDL Implementation Project
Shenandoah Valley SWCD (VRO)	Linville Creek TMDL Implementation Project
Thomas Jefferson SWCD (VRO)	Hardware River TMDL Implementation Project Tye River TMDL Implementation Project
Upper Tennessee River Roundtable with Tazewell SWCD (SWRO)	Upper Clinch River TMDL Implementation Project
Western Virginia Water Authority with Blue Ridge SWCD (BRRO)	Roanoke River IP – 1: Mudlick Creek and Glade Creek Residential Septic Grant

Current Water Quality Improvement Fund Projects

Project Sponsor	Project Title
Culpeper SWCD (NRO)	Expanding Culpeper SWCD Residential On-Site Septic Cost Share Program
Middle Peninsula PDC (PRO)	Middle Peninsula Septic Repair Program
City of Newport News (TRO)	Richneck Regional Water Quality Retrofit and Flood Control
Shenandoah Valley SWCD (VRO)	Rockingham County Septic Assistance Program
Thomas Jefferson SWCD (CO)	Thomas Jefferson Regional Residential Septic System Management Program: Building on a Targeted Approach
Town of White Stone	Install Central Sewer to Replace Failing Drainfields

Agricultural Best Management Practices Eligible for 319(h) funding

Practice Code	Practice Name	Tax Credit	319(h) funding	VACS Funding
EM-1T	Small Scale Manure Composting for Equine Operations – Static Systems	No	Yes	No
EM-1A T	Small Scale Manure Composting for Equine Operations – Aerated Systems	No	Yes	No
LE-1 T	Livestock Exclusion with Riparian Buffers for TMDL Implementation	Replaced with SL-6W and SL-6N as of FY20. Can still be funded in FY19 or earlier		No
LE-2 T	Livestock Exclusion with Reduced Setback for TMDL Implementation			No
SL-6A T	Small Acreage Grazing System (TMDL)	Yes	Yes	No
SL-6 T	Stream Exclusion with Grazing Land Management (TMDL)	Yes	Not eligible as of FY17	No
SL-7 T	Support for Extension of CREP Watering Systems	No	Yes	No
SL-10 T	Pasture Management for TMDL Implementation	No	Yes	No
WP-2 T	Stream Protection (TMDL)	Replaced with WP-2W and WP-2N FY20, can be funded in FY19 and earlier		No
FR-1	Afforestation of Crop, Hay and Pastureland	See DCR	Yes	Yes
FR-3	Woodland Buffer Filter Area	See DCR	Yes	Yes
SL-1	Long Term Vegetative Cover on Cropland	See DCR	Yes	Yes
SL-6A	Small Acreage Grazing System	See DCR	Use SL-6AT above	Yes
SL-6N	Stream Exclusion with Narrow Width Buffer and Grazing Land Management	See DCR	Yes, Request to be jointly funded with VACS	Yes
SL-6W	Stream Exclusion with Wide Width Buffer and Grazing Land Management	See DCR		Yes
SL-7	Extension of Watering Systems	See DCR	Yes	Yes
SL-8B	Small Grain and Mixed Cover Crop for Nutrient Management and Residue Management	See DCR	Yes, if BMP is in IP	Yes
SL-9	Grazing Land Management	See DCR	Yes, if BMP is in IP	Yes
SL-11	Permanent Vegetative Cover on Critical Areas	See DCR		Yes
WP-2A	Streambank Stabilization	See DCR	Yes, Request to be jointly funded with VACS	Yes
WP-2N	Stream Protection (fencing with narrow width buffer)	See DCR	Yes but for 10 year lifespan only. 319 will not fund 5 year lifespan	Yes
WP-2W	Stream Protection (fencing with wide width buffer)	See DCR		Yes
WP-3	Sod Waterway	See DCR	Yes	Yes
WQ-1	Grass Filter Strip	See DCR	Yes	Yes
WQ-11	Agricultural Sinkhole Protection	See DCR	Yes	Yes

Current TMDL Implementation Plan Development Projects

Regional Office (and associated SWCD)	Project Title
NRO (Tri-County/City, Hanover-Caroline, and Three Rivers SWCDs)	Mattaponi River Watershed Bacteria TMDL Implementation Plan, planned for completion in 2019.
CO/PRO (Northern Neck SWCD)	Yeocomico River Watershed Bacteria TMDL Implementation Plan
VRO (Natural Bridge SWCD)	Woods Creek Watershed Bacteria TMDL Implementation Plan
NRO (Loudoun SWCD)	North Fork Catoclin Creek Watershed Bacteria TMDL Implementation Plan