

OUTLINE FOR LOCAL AREA PLANNING GOAL INITIATIVE

1. DEQ will develop planning goals for Load Allocations for agriculture, urban, forest and septic at basic county/city unit boundaries, to be aggregated into local area planning goals at regional scales described here.
2. Local area planning goals are defined as pounds of N and P to be reduced from 2017 progress levels to Phase III Watershed Implementation Plan (WIP) target levels.
3. DEQ will develop agriculture and forest local area planning goals aggregated to Soil and Water Conservation District (SWCD) boundaries and SWCD Area boundaries. These planning goals will incorporate large-tract forestlands within SWCD boundaries.
4. DEQ will develop urban, forest and septic local area planning goals aggregated to Planning District Commission (PDC) boundaries. These planning goals will incorporate tree canopy and any forestlands not included with SWCD boundaries.
5. DEQ will provide SWCD Areas and PDCs template best management practice (BMP) input decks for meeting the local area planning goals. Template BMP input decks will be based on WIP II input decks to initiate discussions. The template BMP input decks will be adjusted to reflect implementation that has already exceeded WIP II goals. Template BMP input decks can be provided as a shared CAST scenario or as a preformatted Excel spreadsheet and are the primary tool to determine if local area planning goals are met.
6. DCR, with technical assistance from DEQ, will meet with SWCD Area Directors, staff and stakeholders to evaluate the template BMP input decks and make corrections and alterations based on local knowledge and local needs. SWCD Areas will be asked to ensure that revised BMP input decks still meet local area planning goals.
7. DCR and SWCD Areas will have the opportunity to identify capacity and funding needs and policy or programmatic recommendations for meeting agricultural sector local area planning goals. Their analyses will evaluate estimated implementation and maintenance costs and determine which locally-identified co-benefits will be addressed.
8. DEQ will contract with PDCs to convene local and regional officials, staff and stakeholders to evaluate the non-agricultural sector template BMP input decks and make corrections and alterations based on local knowledge and local needs. VDOT, VDH and DOF are anticipated to participate in these discussions as well. PDCs will be asked to ensure that revised BMP input decks still meet local area planning goals.
9. The local and regional representatives will have the opportunity through this endeavor to identify capacity and funding needs, local strategies or actions, and policy or programmatic recommendations for meeting local area planning goals. Their analyses will evaluate estimated implementation and maintenance costs and determine which locally-identified co-benefits will be addressed. Additionally, local government roundtables convened by the Virginia representatives of the Chesapeake Bay Program Local Government Advisory Council will also explore local needs and recommendations.
10. For both the initial SWCD Area and initial PDC local evaluations, DEQ will provide resources such as data analysis tools, land cover data, mapping of locally impaired streams, information on the co-benefits of WIP implementation, estimates of Bay-model N and P reductions from prior efforts and existing programs, communication tools, and other mapping tools available through the Chesapeake Bay Program.
11. Upon conclusion of the initial local evaluations by SWCD Areas and PDCs, DEQ will further disaggregate SWCD Area local area planning goals consistent with PDC boundaries. Approximately 15

March 15, 2018

PDCs are within the Chesapeake Bay watershed and 5 SWCD Areas are within or partially within the Chesapeake Bay watershed.

12. Contracted PDCs, with assistance from DEQ and DCR, will convene local and regional representatives and SWCD Area representatives to discuss outcomes of the prior evaluation efforts, compare recommendations and needs, share information and tools, and identify opportunities for collaboration. Contracted PDCs will report combined findings from the local area planning goals initiatives to DEQ using the template BMP input decks and other agreed upon reporting templates. PDCs will be asked to provide BMP input decks that collectively meet local area planning goals.
13. These local area goals and plans will be incorporated into and inform Virginia's draft Watershed Implementation Plan submitted to the Environmental Protection Agency on March 1, 2019. Guidance from local governments, PDCs, and SWCDs will insure "groundtruthed" best practices, efficiencies in efforts and costs, the potential for co-benefits, capacity and funding needs, and sustainable policy or programmatic recommendations. The local area planning initiatives will also inform statewide policy and funding decisions. A local area goal will serve as a planning tool while responsibility for achieving the statewide WIP goals and Chesapeake Bay Total Maximum Daily Load will remain with the Commonwealth.
14. PDC and SWCD Area meetings will be open to the public and public noticed. Local stakeholders from the agriculture, development and conservation communities will be encouraged to attend. DEQ will coordinate notification of meetings on Virginia Regulatory Town Hall at townhall.virginia.gov.
15. DEQ will quantify local area planning goals in June; therefore, it is anticipated that these initiatives would be conducted from mid-summer to late fall. This timeline presumes that EPA releases Virginia's final Phase III WIP planning targets on schedule by May 25, 2018.

**Chesapeake Bay TMDL Phase III WIP
Agricultural Sector
Kickoff Meeting**

10 a.m. to 1:00 p.m.

- 1.) Welcome and Purpose– Deputy Secretary Ann Jennings or DCR
- 2.) Chesapeake Bay Cleanup 2017 Progress & 2025 Goals – DEQ
- 3.) Agricultural Sector Schedule – DCR
 - a. Meetings in May, August, and potentially October
 - b. All sectors meet together in November through the PDCs
- 4.) Crosswalk Bay Program BMPs to VACS BMPs – DCR
- 5.) Priority Ag BMPs for each VASWCD Area – DCR
- 6.) Draft Ag BMP Input Deck (w/2017 progress) – DEQ
- 7.) 2025 BMP Projections/Reporting Format – DCR
- 8.) Cost estimates & Ag Needs Assessments - DCR
- 9.) CAST Training available - DEQ
- 10.) Q&A, Action Items - DCR

Dates and Locations of Agricultural Sector Meetings in May 2018

May 3 – Area III – Pocahontas State Park, Powhatan Hall

May 9 – Area VI – Tidewater AREC
6321 Holland Rd, Suffolk 23437

May 16 – Area I – Augusta County Government Center
75 Government Center Lane, Verona 24482

May 22 – Area II – Culpeper Library
271 Southgate Shopping Center, Culpeper 22701

SWCDs joining adjacent VASWCD Areas

Area I Blue Ridge, Peaks of Otter, R.E. Lee, Skyline (tbd)

Area III Peter Francisco, Piedmont, Southside (tbd)

Virginia Soil and Water Conservation Districts



Area I Districts	Area II Districts	Area III Districts	Area IV Districts	Area V Districts	Area VI Districts
Headwaters	Culpeper	Colonial	Big Sandy	Blue Ridge	Appomattox River
Lord Fairfax	John Marshall	Hanover-Caroline	Big Walker	Halifax	Chowan Basin
Mountain	Loudoun	Henricopolis	Clinch Valley	Lake Country	Eastern Shore
Mountain Castles	Northern Virginia	Monacan	Daniel Boone	Patrick	James River
Natural Bridge	Prince William	Northern Neck	Evergreen	Peaks of Otter	Peanut
Shenandoah Valley	Thomas Jefferson	Three Rivers	Holston River	Peter Francisco	Virginia Dare
		Tidewater	Lonesome Pine	Piedmont	
		Tri-County/City	New River	Pittsylvania	
			Scott County	Robert E. Lee	
			Skyline	Southside	
			Tazewell		

Map Author: Tracie Miller, Clinch Valley SWCD Source: Clinch Valley GIS, HSIP, ESRI Z:\Personal\Folders\Tracie Miller\Districts_Map\Districts_Map_8_17_15

**Scope of Service
 Virginia Chesapeake Bay Phase III
 Watershed Implementation Planning Assistance**

A. CONTACT INFORMATION

Provider:	_____ PDC	Contact Person:	_____
DUNS #:	_____	Phone Number:	_____
Federal ID #:	- _____	Email:	_____@_____
Mailing Address:	_____	Invoice Payable To:	_____
City, State, Zip:	_____, VA _____	Checks Payable To:	_____
Project Title:	_____ PDC Phase III WIP Planning Assistance		
Localities represented:	(<i>list according to PDC representation</i>) _____		
Other local partners:	_____		

Contract Period:	Start: July 2, 2018	Interim Report Due: September 15, 2018	End: December 14, 2018
DEQ Project Manager:	_____	CBRAP Federal Funds:	Up to \$50,000
Project Manager Email:	_____@deq.virginia.gov	Match Funds:	Not required

B. PROJECT OVERVIEW

Note: References to "Grant"/"grant"/ "grant funds" within section "B" are defined as pertaining strictly to the the federal grant awarded to DEQ; the contract awarded by DEQ to the PDC is not a grant contract.

In support of the Chesapeake Bay Phase III Watershed Implementation Planning (WIP) efforts, the Virginia Department of Environmental Quality, in cooperation with the Chesapeake Bay Program Partnership and other state and federal partners, has made grant funds available as authorized in the federally-funded 2017 Commonwealth of Virginia Chesapeake Bay Regulatory and Accountability Program (CBRAP) Work Plan approved by EPA. Virginia's Planning District Commissions (PDCs), as authorized in the Code of Virginia (§15.2-4207), encourage and facilitate local government cooperation and state-local cooperation in addressing on a regional basis problems of greater than local significance, specifically in the functional area of environmental management. The Virginia PDCs are accustomed to undertaking technical assistance grant projects and regularly providing coordination with local government representatives. Their work typically focuses on data and information exchanges between local, state and federal partners and analyses of resource management issues resulting in an informational end product such as reports, maps, data inputs and outreach tools. PDCs also have specifically provided process

facilitation, data scenario and strategy development in Virginia's previous processes of Chesapeake Bay WIP development.

The intent of this project initiative is for each Virginia Planning District Commission (PDC) covering Chesapeake Bay watershed localities to convene locality and regional officials, staff and stakeholders to provide input and recommendations for meeting Local Area Planning Goals (LAPGs) in accordance with the DEQ-provided "Outline for Local Area Planning Goal Initiative". PDCs may choose to collaborate or partner with adjacent PDCs in this planning effort, but template BMP input decks will be required for each PDC. DEQ will issue payment to the PDC upon completion of deliverables as categorized by each of the three Activities in Section C below.

Local area planning goals are defined as pounds of nitrogen and phosphorous to be reduced. DEQ will develop urban, forest and septic local area planning goals and associated template BMP input decks that meet those goals at the Planning District Commission (PDC) boundaries. These planning goals will incorporate tree canopy and any forestlands not included with SWCD boundaries. Agricultural and forest LAPGs and input decks will be provided to Soil and Water Conservation District Areas for a parallel planning effort. The template BMP input decks contain mixes of nonpoint source pollution controls that meet the local area planning goals. Template BMP input decks will be based on input decks developed during the WIP II process to initiate discussions. The template BMP input decks will be adjusted to reflect implementation that has already exceeded WIP II goals. Template BMP input decks can be provided as a shared Chesapeake Assessment Scenario Training (CAST) scenario or as a preformatted Excel spreadsheet and are the primary tools to determine if local area planning goals are met.

DEQ will provide the PDCs with the non-agricultural LAPGs, the template BMP input decks and a Recommendation Template to use across the PDC area during the planning process. DEQ will provide the PDCs with the non-agricultural loads already reduced by sector and BMPs implemented for those reductions. DEQ will also provide training on the Chesapeake Assessment Scenario Training (CAST) modeling tool and other input deck formats for PDC staff along with localities and other stakeholders to help inform the scenario development format and submission process. Supporting materials will provide examples of implementation strategies that local and regional partners may use to develop their implementation recommendations. DEQ will also provide tools such as:

- a. the Chesapeake Bay Program's data analysis and mapping tools,
- b. mapping of locally impaired streams and local TMDLs,
- c. information on the co-benefits of WIP implementation,
- d. costs of implementation,
- e. information about the Chesapeake Bay-model nitrogen and phosphorous reductions through 2017
- f. information about BMP implementation within the PDC
- g. basic communications documents to explain the Phase III WIP and Bay TMDL

As DEQ will not assign LAPGs to areas and facilities covered by a permit, this contract will not fund planning or implementation of regulatory permit requirements. Reductions achieved through permitting requirements (e.g., waste load allocations,) will be included as separate strategies in the Phase III WIP and DEQ will be responsible for ensuring that such reductions are achieved.

Eligible activities included in this project reflect priorities of Virginia and the Chesapeake Bay Program partnership. DEQ will incorporate the BMPs selected by local and regional partners into the statewide input deck that DEQ will build as part of the Phase III WIP development process. DEQ will also incorporate submitted BMP implementation strategies into the Phase III WIP. DEQ will append all PDC reports to the draft and final Phase III WIP.

C. PROJECT METHODOLOGY AND DELIVERABLES

(A corresponding timeline will become contract Attachment C, Milestone Table)

All of the following activities are imperative to a successful project. Payment will be provided by DEQ upon satisfactory completion, in accordance with the "Project Budget Summary and Payment Process" below. Evaluation of satisfactory completion will be based on progress detailed in an Interim Project Report, a Final Project Report and the project deliverables for each activity.

Activity 1: Facilitation with localities and other partners

The PDC will use creative approaches for working with localities, state agency staff and local stakeholders to meet the local planning goals. The PDC will commit to use all available tools and resources provided by DEQ, DCR and others. Lessons learned from previous WIP implementation efforts and new science and information from the Midpoint Assessment will be incorporated to the maximum extent practical.

This activity will involve the PDC convening local and regional officials, staff and stakeholders to review the LAPGs developed for the PDC area and non-agricultural sector template BMP "input decks" provided by DEQ. Working with their local partners, the PDC will identify any changes that need to be made to the template input decks based on local conditions and knowledge. PDCs will also work with the local and regional representatives to identify gaps in capacity and funding, local strategies or actions, revisions to state code, regulation or guidance, and policy or programmatic recommendations for meeting local area planning goals. In conducting these meetings, the PDC will also invite representatives from local health departments and state agencies such as the Departments of Forestry, Conservation and Recreation, Transportation, Agriculture & Consumer Services and local non-governmental organizations (NGOs) to participate in the discussions. These entities can offer input on BMPs and strategies for the urban, septic and forestry sectors.

Deliverables

- a) Letters of participation from localities listed in Section A and other local and regional partners. This can be in letter or e-mail format and must come from the local Chief Administrative Officer or equivalent position for other local entities. (note: locality letters of participation commit localities to participate in the PDC facilitated meetings and activities listed in this Scope of Services and do not represent a commitment to implement Best Management Practices, programmatic actions or strategies resulting from the PDC meetings); PDC must provide copies of such letters or e-mails with an Interim Project Report by 9/15/18.
- b) Meet with DEQ staff to review template documents and other available tools.
- c) Augment DEQ data and tools with any additional local information.
- d) Plan and conduct at least three meetings with localities, state agency staff and local NGOs to 1) identify any changes that need to be made to the template BMP input decks based on local conditions and knowledge, and 2) identify gaps in capacity and funding, local strategies or actions, revisions to state code, regulation or guidance, and policy or programmatic recommendations for meeting local area planning goals. Discussions should also evaluate estimated implementation and maintenance costs and determine which locally-identified co-benefits will be addressed.
- e) Plan and conduct at least one joint meeting with Soil and Water Conservation District representatives, locality government staff and local NGOs to discuss outcomes of the two parallel evaluation efforts, compare recommendations and needs, share information and tools, and identify any gaps and opportunities for collaboration.
- f) For all meetings, ensure sufficient notification, including coordination with DEQ at least 14 days in advance of each meeting for posting meeting announcements to the Virginia Regulatory Town Hall.
- g) For all meetings, PDCs will provide time on the agenda for public comment.
- h) Provide an Interim and a Final Report on Activity progress.

Activity 2: Revision of BMP Input Decks

The PDC, with the input from its local partners, will develop revisions to the BMP input deck, as necessary, based on local knowledge and local needs. PDCs should make sure that revised input decks still meet local area planning goals. Implementation challenges should be addressed in the Recommendations deliverable (Activity 3). Revised input decks should be provided to DEQ by using the Bay Program’s Chesapeake Assessment Scenario Tool (CAST) or other DEQ-provided formats. Additional information on CAST can be found at: <https://cast.chesapeakebay.net/> DEQ will provide a combined BMP input deck including the selected mixes of BMPs from both the agricultural and non-agricultural source sectors that result for the PDC and SWCD parallel LAPG initiatives and that collectively meet the local area planning goals.

Deliverables

- a) Use of tools provided by DEQ including the CAST tool, other DEQ-provided input deck formats and supporting materials.
- b) An updated template BMP input deck that reflects the selected mix of BMPs that meet the non-agricultural Local Area Planning Goal for the PDC.
- c) A review and update (as necessary) of the combined agricultural and non-agricultural BMP input deck provided by DEQ.
- d) A description of local co-benefits achieved through the BMP input deck such as improving local water quality, advancing economic development opportunities, enhancing outdoor recreation, climate resiliency, flood control.
- e) As identified during the facilitation process, the PDC will coordinate or perform any necessary updates of BMP information in the Warehouse, such as uploading most recent BMP inspections. The DEQ BMP Warehouse can be accessed at: <https://apps.deq.virginia.gov/BMP/Home/>
- f) Provide an Interim and a Final Report on Activity progress.

Activity 3: Identifying Programmatic Actions for Phase III WIP Implementation

The PDC will compile the identified gaps in capacity and funding needs, gaps in local strategies or actions, as well as necessary revisions to state code, regulation or guidance, and policy or programmatic recommendations to address gaps developed as part of the facilitated meetings that meet the local area planning goals. The PDC will compile descriptions of local co-benefits achieved through programmatic actions such as improving local water quality, enhancing outdoor recreation, advancing economic development opportunities, climate resiliency, and flood control.

The PDC will inform the facilitation process on this topic by collecting appropriate information from their local partners, DEQ, the Chesapeake Bay Program Office, NGOs and other available sources, facilitating the programmatic action development process, finalizing programmatic language and providing the required information in the format provided by DEQ.

Deliverables

- a) Table, narrative and supporting information identifying the following for the participating partners to meet the local area planning goals:
 - i. Gap in capacity and funding needs,
 - ii. revisions to statutory and regulatory authorities,
 - iii. gaps in local programmatic strategies or actions,
 - iv. necessary policy and programmatic recommendations to address gaps, and
 - v. any other constraints not already addressed in i) through iv).
- b) Provide an Interim and a Final Report on Activity progress.

D. PROJECT BUDGET SUMMARY AND PAYMENT PROCESS

A total not-to-exceed price of \$50,000 will be provided for satisfactory completion of all the deliverables in each Activity group as specified below. DEQ will issue payment to the PDC upon completion of deliverables as categorized by each of the three Activities in Section C above.

DEQ will provide reporting forms to the PDC when the contract is finalized as attachments to the contract. For the Interim and Final Project Reports, the PDC shall submit a narrative summary (contract Attachment A), an invoice (contract Attachment B) and an updated Milestone Table (contract Attachment C) upon satisfactory completion of deliverables. The Interim Project Report invoice may be submitted by the PDC upon completion of all the deliverables for the Activity, or upon completion of those deliverables, as a percentage of the Activity's total fixed (not-to-exceed) price. In the event the PDC submits an invoice for a percentage of an Activity's deliverables, DEQ, in its sole discretion will determine if the requested percentage represents an appropriate value for those deliverables.

The Interim Project Report will be due September 15, 2018. Updates on Activities will still be required, whether an invoice accompanies the report or not. The Final Project Report will be due no later than December 15, 2018 and must include all of the completed deliverables, data and information submissions to DEQ, along with a final invoice for payment.

Satisfactory completion will be determined by DEQ. Payment will be issued according to the following breakdown, or other amounts if proposed by the PDC and accepted by DEQ, due to a justified different level of effort:

Activity 1: Facilitation with localities and other partners

\$ 15,000 (total fixed not-to-exceed price)

Activity 2: Revision of BMP Input Decks

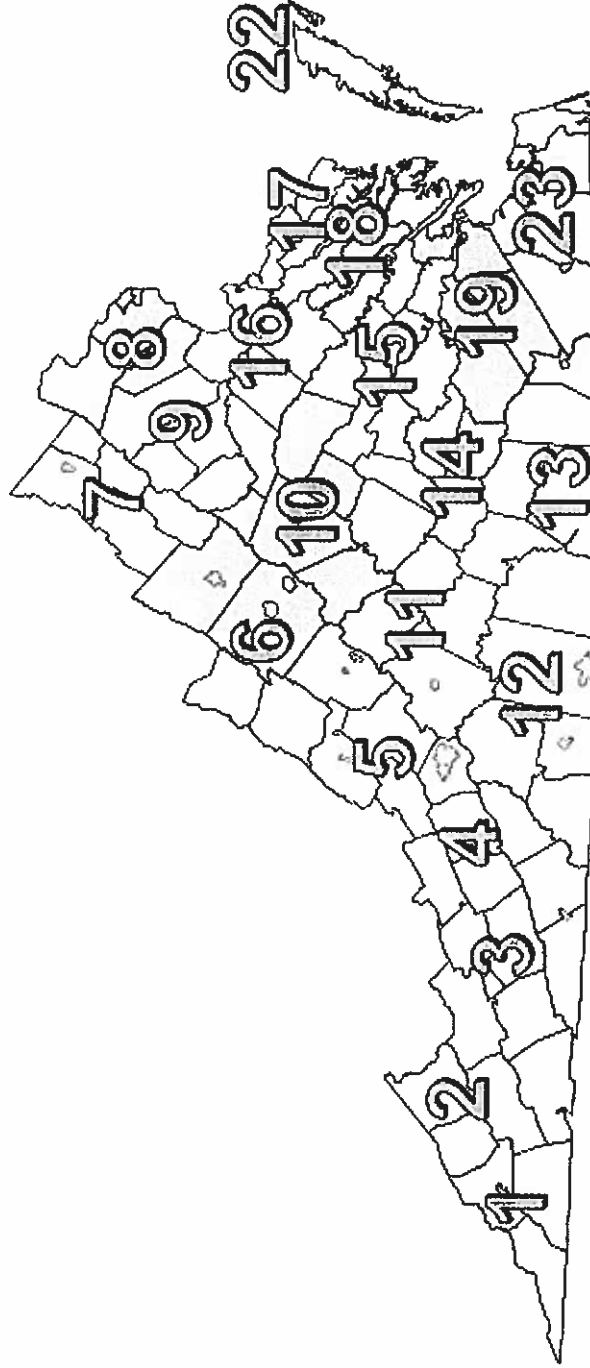
\$ 20,000 (total fixed not-to-exceed price)

Activity 3: Identifying Programmatic Actions for Phase III WIP Implementation

\$ 15,000 (total fixed not-to-exceed price)

Virginia Planning District Commissions

1. LENOWISCO PDC
2. Cumberland Plateau PDC
3. Mount Rogers PDC
4. New River Valley RC
5. Roanoke Valley-Alleghany RC
6. Central Shenandoah PDC
7. Northern Shenandoah Valley RC
8. Northern Virginia RC
9. Rappahannock-Rapidan RC
10. Thomas Jefferson PDC
11. Region 2000 LGC
12. West Piedmont PDC
13. Southside PDC
14. Commonwealth RC
15. Richmond Regional PDC
16. George Washington RC
17. Northern Neck PDC
18. Middle Peninsula PDC
19. Crater PDC
22. Accomack-Northampton PDC
23. Hampton Roads PDC



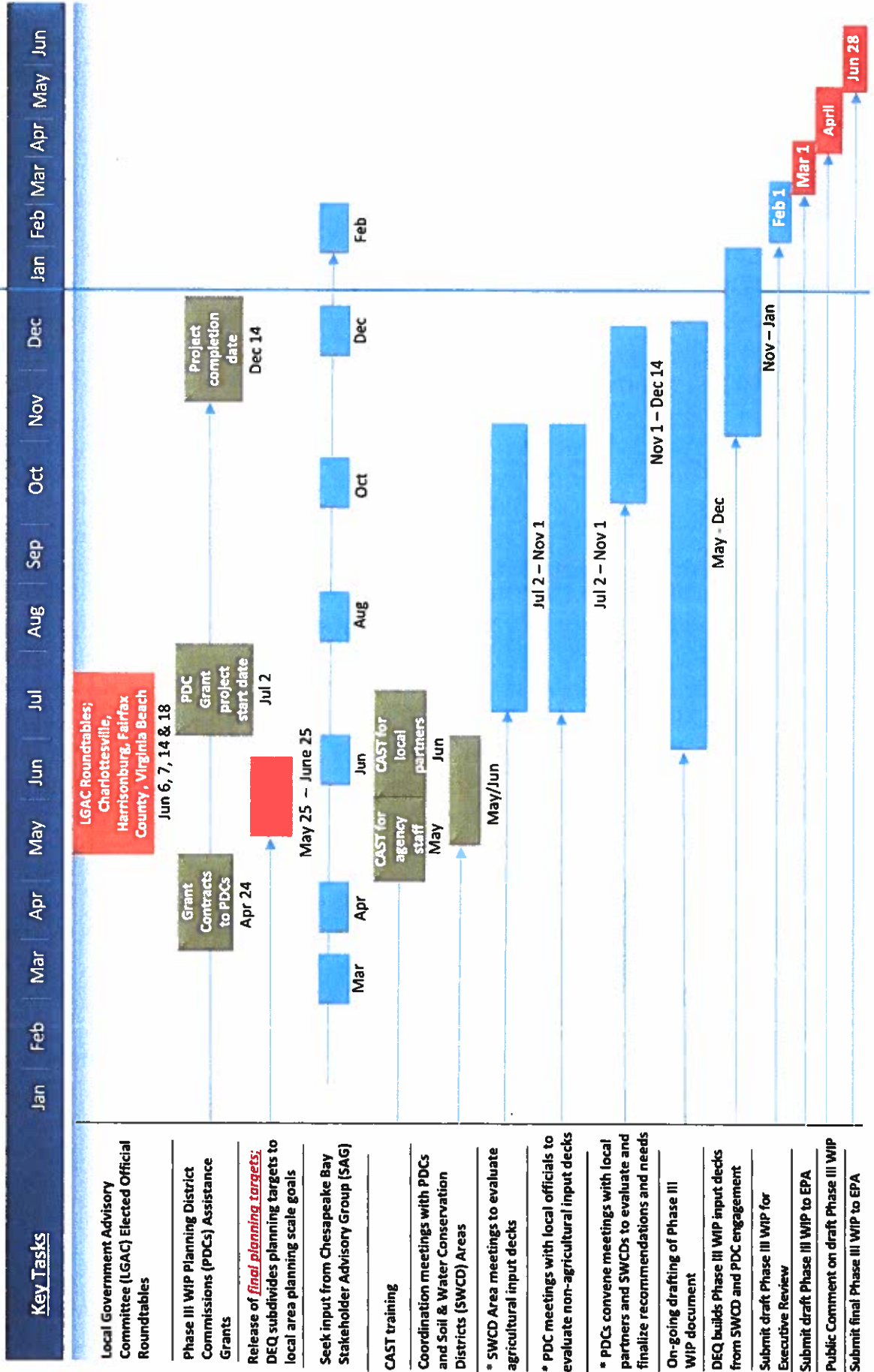
Virginia Phase III WIP Development Timeline – revised

4/23/18

* These meetings are open to the public and will be noticed on the Commonwealth's Town Hall site

2018

2019



Virginia Environmental Endowment

James River Water Quality Improvement Grant Program

GOAL

The goal for this new \$15,595,000 grant program is to produce significant water quality improvements in the James River and its watershed within the next 10 years.

GEOGRAPHIC SCOPE

Proposals for water quality improvement initiatives and projects located within the entire Virginia portion of the James River watershed are eligible to receive funding. Consideration will also be given to proposals focused on improving the water quality of the River in the region just upstream and downstream of Jamestown.

GRANT SIZE AND TERM

In the James River Water Quality Improvement Grant Program, VEE will establish a minimum funding level for proposals for any one-year project initiative. See www.vee.org for specifics. Multi-year projects with a completion date of one to three years are eligible.

FUNDING RESTRICTIONS

Funds from this program are available solely for the purpose of improving the water quality of the James River and its tributaries in Virginia. In order to maximize investments in the implementation of water quality improvements, VEE funds will not be available for monitoring outcomes.

None of the funds provided by VEE shall be used for general support, overhead, indirect costs, capital projects, land purchases, building construction or renovation, endowments, or lawsuits. Any proposal containing an element or project which is included as a compensatory mitigation requirement of a Clean Water Act Section 404 permit issued by the US Army Corps of Engineers shall be ineligible to receive funding from this program.

While VEE will not require funding match for the investments made in this program, it strongly encourages the leveraging of its James River grant resources with public or private funding. VEE will preferentially review proposals that leverage its James River grant funds.

INITIAL GRANT CYCLE INVESTMENT PRIORITIES

VEE has established several strategic investment priorities for the 2018-2019 grant cycle. Other potential strategic investments can be found in the Strategic Investment Plan for the program, located on the VEE website. www.vee.org. Proposals which differ from the initial 2018-2019 funding priorities must demonstrate the significance and cost effectiveness of the proposal in improving the water quality of the James River. A summary of the initial funding priorities is contained in this fact sheet.

JAMES RIVER WATER QUALITY IMPROVEMENT GRANT PROGRAM SUMMARY OF INITIAL FUNDING PRIORITIES

Riparian Buffers

A top priority for investment is the implementation of riparian forested or vegetative buffers, with a focus on agricultural and rural lands where there are restoration area opportunities which will generate significant pollution reductions, based on precision conservation mapping tools. Permanent protection and long term maintenance of the riparian buffers will be a critical review element of this investment priority.

Improved Technical Assistance to Accelerate Implementation of Agricultural Pollution Reduction Practices

The development of sustainable regional or multi-jurisdictional technical assistance programs, particularly for soil and water conservation districts, in areas of high agricultural intensity within the James River watershed will improve water quality. VEE will look to invest in programs that enhance and accelerate the delivery and implementation of cost-effective farming and other land practices that improve water quality. Such programs may include administrative support for on-the-ground technical assistance providers in order to increase the amount of time they have to work with farmers and landowners on implementing practices that reduce agricultural pollution.

Living Shorelines

VEE has included a priority on investing in living shoreline projects, particularly in the Lower James River region. Living shorelines provide a natural alternative to “hard” shoreline stabilization methods like bulkheads; state law contains an express preference for living shorelines. The use of regional and county-level conservation and shoreline management plans will be factors in looking at priority restoration opportunity areas for funding.

For more information, including proposal criteria and required application documentation, see the James River Water Quality Improvement Program page and Application for Funding at www.vee.org. Questions may be sent to jrwqip@vee.org.

Stream Restoration

Restoration of a stream can produce improvements in a stream’s pollution reduction capacity, accelerating removal of nutrients and sediments. As investments in stream restoration can be among the most expensive strategies to implement, VEE will carefully examine proposals to determine the rationale for selecting any location proposed for restoration; the inclusion of riparian buffers in any stream restoration proposal; and the co-location of other water quality improvement efforts with any stream restoration project.

Investments in the Jamestown Region

The “Area of Potential Effects,” or APE, is a region surrounding the site of the utility line crossing near Jamestown, on both sides of the James River, 10 miles upstream and 13 miles downstream, targeted for special consideration under the mitigation agreement covering construction of the utility line, which is the source of funding for this new program. In addition to investments in the four strategic priorities above, VEE investments in the APE will additionally focus on remediation of both illicit sewage discharges (“straight pipes”) and failing septic systems as well as a limited number of cost-effective stormwater management initiatives.

Virginia Environmental Endowment

WEBINAR:

JAMES RIVER WATER QUALITY IMPROVEMENT PROGRAM RESTORATION PLANNER

May 2, 2018
2:00 to 3:30 p.m.

Audio: Call in: 1-202-602-1295; access code: 213-018-135#
Screen share: [join.me/Chesapeake Conservancy](https://join.me/ChesapeakeConservancy)

The Virginia Environmental Endowment has launched a new grant program, the James River Water Quality Improvement Program.

The James River Water Quality Improvement Program will focus on producing significant water quality benefits through on-the-ground investments and other water quality improvement initiatives. Projects located within the entire James River watershed are eligible to receive grant funding. See **James River Water Quality Improvement Program** for details on the Program and information on submitting a proposal. The deadline for submission is June 15, 2018.

The Chesapeake Conservancy's Conservation Innovation Center, in partnership with VEE, has developed a new planning tool, the **James River Water Quality Improvement Program Restoration Planner**. The Restoration Planner is a web-based application that will allow applicants to focus their efforts on high priority restoration opportunity areas and parcels. The tool includes a variety of data that applicants will have at their fingertips to explore, providing the applicant with context for project planning and implementation.

VEE will require many applicants submitting a proposal to utilize the Restoration Planner. The VEE application template for this Program contains the following information:

**JAMES RIVER WATER QUALITY IMPROVEMENT PROGRAM
RESTORATION PLANNER**

VEE requires applicants to use of the James River Water Quality Improvement Program Restoration Planner to help identify Restoration Opportunity Areas. To request login information to access the Restoration Planner, submit the form at <https://goo.gl/forms/ATHTen0EtUkYFKgt1>.

- *For proposals that include buffer work, include a screen shot of the resulting outcomes table for the proposal's potential project area using the 'Restoration Opportunity Areas Prioritization' layer.*
- *For proposals that do not include buffer work, include a screen shot of the resulting outcomes table for the proposed parcel(s) using the 'Parcel Prioritization' layer.*

These screen shots are not included as part of the page limit for the proposal description.

Important note: Due to a delay in Lidar data collection, the Restoration Planner does not include lands located in the Upper James and a small southwest portion of the Middle James (denoted in the tool with a red outline). If the proposal incorporates work in these areas, VEE does not require the use of the Restoration Planner for that work.

**VEE and Chesapeake Conservancy will be hosting
a webinar on use of the Restoration Planner
on May 2, 2018, from 2:00 to 3:30 p.m.**

**A recorded version of the webinar will be available at
<https://chesapeakeconservancy.org/vee-web-viewer/>**

For more information, contact jrwqip@vee.org

DRAFT MEMORANDUM

**Department of Environmental Quality
Clean Water Financing & Assistance Program (CWFAP)**

629 East Main Street

Richmond, VA 23219

SUBJECT: Virginia Clean Water Revolving Loan Fund - FY 2019 Annual Solicitation of Applications for Financial Assistance

TO: Potential Loan Recipients

FROM: DEQ – CLEAN WATER FINANCING & ASSISTANCE PROGRAM (CWFAP)

DATE:

On behalf of the State Water Control Board (SWCB), we are pleased to announce the Department of Environmental Quality's (DEQ) FY 2019 annual solicitation of applications for financial assistance through the Virginia Clean Water Revolving Loan Fund (VCWRLF). VCWRLF applications are being solicited for projects that involve improvements to publicly-owned wastewater collection and treatment facilities; installation of publicly-owned stormwater best management practices; projects for the remediation of contaminated Brownfield properties; and land conservation projects. Eligible Brownfield loan recipients are units of local government, public service authorities, partnerships or corporations, and eligible land conservation recipients are state and local governments, public service authorities, and registered nonprofit organizations. Special consideration may be given to projects that meet the Green Project Reserve guidelines (see descriptive excerpt on our CWFAP website under the Applications and Info Tab). Finally, we are also accepting applications for Living Shoreline projects. Local governments (which are the only eligible applicants for this program) can either apply for financial assistance in order to directly establish living shorelines themselves or to establish a local government funding program for individual citizens to establish living shoreline on their properties to protect or improve water quality.

We anticipate that the SWCB should have over \$100 million in funds available for distribution during FY 2019. Should demand for good water quality or public health related projects exceed availability, these funds may be leveraged in the municipal bond market to increase the amount of assistance available.

Four (4) completed applications must be postmarked no later than XXXX or hand delivered by 5:00 p.m. on XXXXX and submitted to:

**Ms. Valerie Thomson
Department of Environmental Quality
P. O. Box 1105
Richmond, VA 23218**

**(FOR HAND DELIVERY)
629 East Main Street-Front Desk
Richmond, VA 23219**

We plan to evaluate the applications received and present a proposed funding list to the SWCB in September/October 2018.

For more details regarding the programs offered, the application process or assistance in completing the application, please contact Walter Gills in the Central Office or your closest regional representative (see VCWRLF contact directory on back). Information on the VCWRLF, including the *Virginia Wastewater Revolving Loan Fund Program Design Manual and Guidelines*, *Virginia Brownfield Remediation Loan Program Guidelines*, *Virginia Land Conservation Loan Program Guidelines*, *Green Project Reserve*, *Stormwater Loan Program Guidelines*, *Living Shorelines Loan Program Guidelines*, and application forms for each loan program can be accessed on DEQ's web site: www.deq.virginia.gov/programs/water/cleanwaterFinancingAssistance.aspx.

DEQ is using a new e-mail communication tool to improve communication, efficiency and timeliness. **PLEASE NOTE: THIS IS THE FINAL DIRECT MAILING.** In order to receive future notifications from the Clean Water Financing and Assistance Program, please sign up on our webpage: <http://www.deq.virginia.gov/programs/water/cleanwaterfinancingassistance.aspx>

DEPARTMENT OF ENVIRONMENTAL QUALITY

***CLEAN WATER FINANCING &
ASSISTANCE PROGRAM STAFF***

CENTRAL OFFICE

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Chesapeake Bay Comprehensive Water Resources & Restoration Plan, DC, DE, MD, NY, PA, VA & WV

U.S. ARMY CORPS OF ENGINEERS

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FACT SHEET as of March 1, 2018

AUTHORIZATION: Chesapeake Bay Comprehensive Water Resources and Restoration Plan, DC, DE, MD, NY, PA, VA & WV - Resolution of the Committee on Environment and Public Works of the United States Senate, adopted September 26, 2002. Water Resources Reform and Development Act (WRRDA) of 2014, Sec 4010(b).

TYPE OF PROJECT: Comprehensive Watershed Assessment focused on Ecosystem Restoration.

CONTRIBUTION TO CHESAPEAKE BAY: Directly contributes to achieving protection and restoration goals established by the 2009 Executive Order 13508 and the 2014 Chesapeake Bay Program Agreement by restoring clean water, recovering vital habitat, sustaining fish and wildlife, conserving land, enhancing environmental literacy, and providing climate resilience.

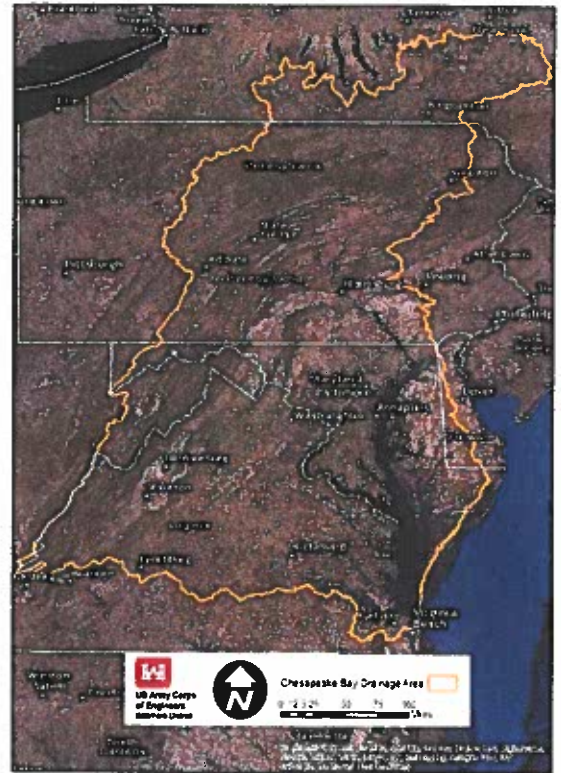
PROJECT PHASE: Feasibility

CONGRESSIONAL INTEREST: Senators and Representatives with jurisdiction within the Chesapeake Bay watershed.

NON-FEDERAL SPONSOR: National Fish and Wildlife Foundation (NFWF)

BACKGROUND: The Chesapeake Bay's natural infrastructure is an intricate system of terrestrial and aquatic habitats linking the landscape and environment of the Bay. It is composed of thousands of miles of river and stream habitat that interconnect the land, water, living resources and human communities of the Bay watershed.

A comprehensive plan for the purpose of cross-cutting problem identification and implementation strategies is needed. The Chesapeake Bay Comprehensive Water Resources and Restoration Plan will identify existing Federal (including DoD), State and local protection and restoration plans and address the 2014 Chesapeake Bay Agreement commitments and Executive Order 13508, which mandates the integration of living resource protection and restoration, vital habitat protection and restoration, water quality protection and restoration, sound land use, and stewardship and community engagement. The Plan will result in a geospatial analysis that assesses critical water resource needs and gaps by location. It will also evaluate needs on a sub-watershed level to identify priority areas for implementing various initiatives with a focus on future investments that contribute towards 2014 Chesapeake Bay Agreement goals, where USACE has authority and mission to execute work. Finally, the plan will provide



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recommendations for further detailed study and/or project implementation of at least one project per Bay state and the District of Columbia.

STATUS: The Feasibility Cost Sharing agreement (FCSA) for this watershed assessment was executed with NFWF on July 22, 2016. It is cost-shared 75-percent Federal and 25-percent non-Federal. Completion of the draft report is ongoing for a public review in June 2018, with a final report to be completed by the end of 2018.

BUDGET (\$):

	<u>Reconnaissance</u>	<u>Investigations</u>
		<u>Feasibility</u>
<u>Total Estimated Cost</u>	\$260,000	\$3,000,000
Federal Cost Estimate	\$260,000	\$2,250,000
Non-Federal Cost Estimate	\$0	\$750,000
 <u>Federal Funds Data</u>		
Allocation thru FY 2016	\$260,000	\$90,000
Allocation for FY 2017	\$0	\$700,000
President Budget FY 2018 ¹	\$0	\$1,462,000
Allocation for FY 2018 ²	\$0	\$0
Balance to Complete	\$0	\$0

NOTES:

¹ The President typically sends the budget to Congress in February each year. Upon release, budget amounts for the USACE Civil Works programs and specified projects are posted online at the HQUSACE website in a Program Budget Press Book at <http://www.usace.army.mil/Missions/CivilWorks/Budget.aspx>.

² The allocation amount for a project is determined after enactment of the Energy and Water appropriations or after public release of an approved FY work plan should there be no appropriations (i.e., a full year continuing authority is enacted).

SCHEDULE:

FY 2017 Completed Work: A second interagency watershed planning collaboration workshop was conducted in April with the intention to schedule follow-up interagency webinars. Completion of data collection, existing and future conditions forecasts and the geospatial analyses were completed. Agency technical review of the draft geospatial analyses occurred along with draft report preparation.

FY 2018 Scheduled Work: Completion of the draft report to include state appendices and a sub-watershed analysis for a 30 day public review. The final report will be submitted after all comments have been addressed and updates are incorporated into the draft plan.

COMPLETION: With current funding, the watershed assessment can be completed in 2018.

For more information regarding the Chesapeake Bay Comprehensive Water Resources and Restoration Plan, contact Mr. Fred Kimble, CENAB-PP-C, (410) 962-3528, or e-mail at frederick.a.kimble@usace.army.mil.