

CHESAPEAKE BAY WIP III – AGRICULTURAL SECTOR KICKOFF MEETINGS – MAY 2018

With assistance from James Davis-Martin (Virginia DEQ), DCR hosted four Chesapeake Bay WIP III Development kickoff meetings for the agricultural sector throughout the month of May. Meetings were held in VASWCD Areas I (Verona), II (Culpeper), III (Chesterfield), and VI (Suffolk), with Chesapeake Bay Soil and Water Conservation Districts (Districts) from Areas IV and V attending one of these four meetings. Approximately 135 people attended one or more meetings, representing 30 (of 32) Districts with Chesapeake Bay drainage, VASWCD, Virginia Farm Bureau, Virginia Agribusiness Council, Virginia Cattleman's Association, Virginia Poultry Federation, DEQ, Virginia Cooperative Extension, Virginia Department of Forestry, Virginia Department of Agricultural and Consumer Services, Chesapeake Bay Foundation, several Planning District Commissions, some county governments, and a number of other organizations, were represented.

These meetings had a common agenda, covering Chesapeake Bay 2017 progress, 2025 nutrient reduction goals, WIP II BMP targets, and tools, such as BMP cost-effectiveness, to assist Soil and Water Conservation Districts to then go back to local communities and develop agricultural BMP projections for the year 2025. These projections, requested by late July, should be prepared without regard to either current or historical cost-share funding, technical assistance funding, or District operational funding levels. Also, any existing policies or rules related to the state cost share program should be disregarded. Rather, when submitting their year 2025 BMP projections, Districts are asked to also make recommendations to the existing state cost share program that could make it easier to accomplish the BMP projections they submit, such as increased participant caps, payment rates, and new BMPs. These will be discussed with the Agricultural BMP Technical Advisory Committee during their 2018 – 2019 work cycle, which begins this summer.

To assist Districts, DEQ will soon generate individual spreadsheets showing 2017 agricultural BMP progress, their WIP II BMP scenario (input deck), and available land area on which each type of BMP eligible for Bay Program credit could be installed on. DCR is providing Districts with automated reporting on agricultural BMPs installed in both their own and surrounding Districts to help inform them about other types of BMPs that have been received well by nearby farming communities.

Once Districts submit their 2025 BMP projections, DEQ will use the Phase 6 Chesapeake Bay model to evaluate each of them. DCR will then hold another round of Area meetings in August, at which time, the model results, along with a compilation of suggestions received for changes to existing cost share policies, will be shared. Further refinement of BMP projections, where needed, will be requested and another round of meetings with the agricultural sector will be scheduled in October if necessary.

In November, all sectors will come together to meet to determine whether the overall nutrient reduction goals will be met.

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

10 a.m. to 12:30 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.) Cost estimates and Agric. Needs Assessments - DCR
- 5.) BMP Input Deck – DCR/DEQ
 - a. Crosswalk Bay Program BMPs to VACS BMPs
 - b. Cost Effective Ag BMPs in each VASWCD Area
 - c. Draft Agric. BMP Input Deck (w/2017 progress)
 - d. 2025 Agric. Reporting Format for BMP Projections
- 6.) CAST Training available – DCR (cast.chesapeakebay.net)
- 7.) 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

VA SWCD Area 1

Row Labels	Unit	2017	WIP 2	2025 Available	WIP 3	Notes
Agricultural Stormwater Management	acres	-	-	2,147		
Alternative Crops	acres	63	-	17,303		
Barnyard Runoff Control	acres	1,040	1,866	2,147		
Cover Crop Commodity	acres	8,867	3,625	31,564		
Cover Crop Traditional Rye	acres	1,062	7,977	129,040		
Cover Crop Traditional non-Rye	acres	9,270	37,824	129,040		
Cover Crop Traditional with Fall Nutrinets Rye	acres	-	-	61,823		
Cover Crop Traditional with Fall Nutrinets non-Rye	acres	8	-	61,823		
Cropland Irrigation Management	acres	-	-	129,029		
Forest Buffer	acres	2,936	15,616	401,392		
Forest Buffer-Streamside with Exclusion Fencing	acres	-	21,706	462,961		
Forest Harvesting Practices	acres	6,745	28,055	29,845		
Grass Buffer	acres	594	12,820	401,392		
Grass Buffer - Narrow	acres	1,663	-	401,389		
Grass Buffer-Narrow with Exclusion Fencing	acres	44	-	366,148		
Grass Buffer-Streamside with Exclusion Fencing	acres	2,512	39,713	462,961		
Horse Pasture Management	acres	30	9,152	370,244		
Land Retirement to Ag Open Space	acres	15,715	34,144	864,353		
Loafing Lot Management	acres	-	-	2,147		
Manure Incorporation	acres	-	-	129,029		
Manure Injection	acres	-	-	129,029		
Non Urban Stream Restoration	feet	440,551	26,307	38,308,929		
Nutrient Management Core N	acres	139,871	290,052	696,430		
Nutrient Management Core P	acres	139,871	290,052	696,430		
Nutrient Management N Placement	acres	-	52,080	129,040		
Nutrient Management N Rate	acres	-	239,466	343,276		
Nutrient Management N Timing	acres	-	86,361	129,040		
Nutrient Management P Placement	acres	-	86,361	129,040		
Nutrient Management P Rate	acres	-	34,939	129,040		
Nutrient Management P Timing	acres	-	86,361	129,040		
Off Stream Watering Without Fencing	acres	73,733	5,398	370,244		
Precision Intensive Rotational/Prescribed Grazing	acres	83,396	207,356	370,244		

Soil Conservation and Water Quality				
Plans	acres	-	614,624	713,509
Sorbing Materials in Ag Ditches	acres	-	-	713,509
Tillage Management-Conservation	acres	88,373	34,053	121,227
Tillage Management-Continuous High Residue	acres	336	67,420	121,189
Tillage Management-Low Residue	acres	-	-	129,029
Tree Planting	acres	5,607	35,730	900,452
Water Control Structures	acres	89	148	343,315
Wetland Restoration - Floodplain	acres	121	-	862,800
Wetland Restoration - Headwater	acres	-	7,993	864,309

Animal/Manure BMPs	Unit	2017	WIP 2	2025 Available	WIP 3	Notes
Animal Waste Management System	AU	948,018	394,322	1,869,207		
Biofilters (Poultry)	AU	-	-	1,484,197		
Lagoon Covers (Cattle and Swine)	AU	-	-	340,845		
Manure Compost	AU	-	-	1,869,207		
Manure Transport	dry tons	3,436				
Manure Treatment	AU		-	1,869,207		
Mortality Composters	AU	136,195	-	1,869,207		
Poultry Litter Amendments (alum, for example)	AU	2,098				

MEMORANDUM

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

1111 East Main Street, Suite 1400

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: June 1, 2018

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 Friday, July 20, 2018 or hand delivered by 5:00 p.m. on July 20, 2018 and submitted to:

Ms. Kelly Ward
Department of Environmental Quality
P. O. Box 1105
Richmond, VA 23218
(804) 698-4295
Kelly.Ward@deq.virginia.gov

(FOR HAND DELIVERY)
1111 East Main Street, Suite 1400
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 Kelly Ward 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. 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

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ASSISTANCE PROGRAM STAFF**

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