

# Chesapeake Bay TMDL Phase III WIP Update

April 4, 2019  
K.C. Filippino  
Senior Water Resources Planner  
HRPDC



# Commonwealth's Phase III WIP

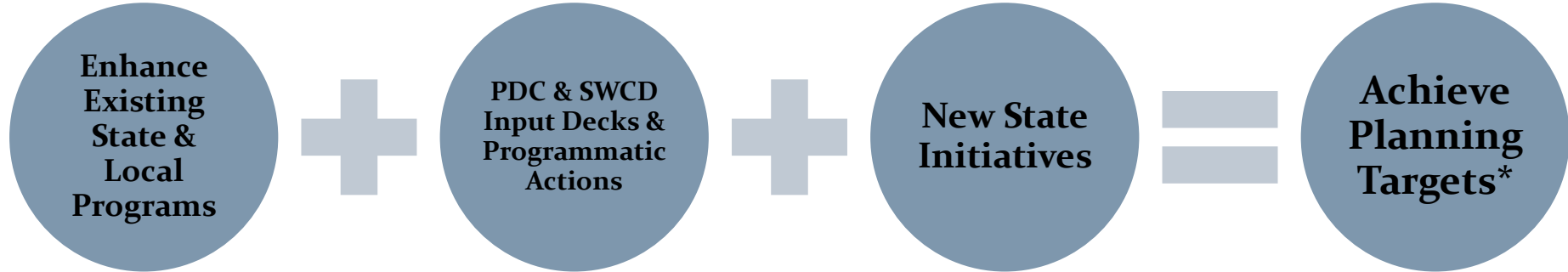
## × Discussed at:

- + VA Chesapeake Bay Stakeholder Advisory Group (SAG),  
March 14
- + Environment VA Symposium, March 26 – 28

# Commonwealth's goals for Phase III WIP

- × Restore the Chesapeake Bay.
- × Achieve state basin planning targets.
- × Achieve our goals no later than December 31, 2025.
- × Tackle additional pollution expected from growth.
- × Tackle the impacts of climate change.
- × Meet the EPA's expectations.
- × Continue to engage partners, including local governments, planning district/regional commissions, and soil and water conservation districts.
- × Develop a plan that is practical and cost effective.
- × Maximize the potential for co-benefits.

# Commonwealth's goals for Phase III WIP



\*Planning targets are met (including reductions necessary for climate change, additional 1.7M lbs N) by implementing the Phase II WIP in the Phase 6 model

# New state initiatives - Agriculture

- × Worked with DCR and SWCDs
- × 190 recommendations submitted
- × Used Ag BMP Technical Advisory Committee to determine top priorities
- × Annual needs assessment drives budget requests
- × ~\$90M in this year's budget for cost-share program



# New state initiatives - Wastewater

- × Initiate Action to Achieve Additional Reductions from Significant Municipal WWTPs.

# New state initiatives - Developed

- × Enhance Reporting of BMP Implementation
- × Fund VCAP; Fund SLAF; Define SLAF Needs
- × Establish Long-Term Partnership with PDCs
- × Expand Healthy Virginia Lawns Program
- × Pilot Urban NMP for Virginia Youth
- × Enhance the VDACS Certified Fertilizer Applicator Program
- × Pursue Modifications to Lawn Fertilizer Sales (Promote proper use)
- × Enhance DOF Presence in Urban Centers with Focus on Canopy Goals, Riparian Plantings and Community Engagement

# New state initiatives - Septic

- × Require (Request) Reporting of Sewer Connections by Wastewater Utilities
- × Establish Wastewater Infrastructure Work Group
- × Pilot Shifting Oversight of Septic Maintenance from Local Governments to Virginia Department of Health
- × Designate VDH as a State Certifying Authority and Provide State Tax Exemptions
- × Place Nitrogen Limits on Large Conventional Onsite Septic Systems



# New state initiatives – Multiple Sectors

- × Carbon Trading Regulations; Volkswagen Diesel Emission Mitigation Settlement
- × Coastal Resilience Master Plan
- × **Develop a State Lands WIP**
- × **Establish Work Group to Study Expansion of the Chesapeake Bay Preservation Act**
- × Support AFID Grants for Native Plant Nurseries and Oyster Aquaculture
- × Implement DOF/RRBC Healthy Watershed Initiative

# Establish long-term relationship with PDCs

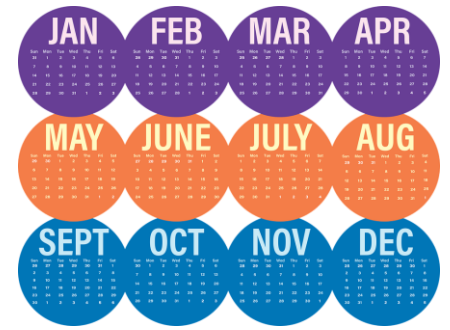
- × Bay PDCs entered into 2<sup>nd</sup> contract with DEQ to develop a plan for future technical assistance needs
- × Some PDCs are interested in building capacity, we are interested in technical assistance
  - + Engaging with local CBPA programs
  - + Considering green infrastructure research interests
- × Will work with all Bay PDCs to share best practices

# Highlights from Environment VA

~ 25 questions asked via app:

- × How will the Commonwealth meet goals while being underfunded and understaffed?
- × How is climate change going to be incorporated?
- × How will PDCs & SWCDs be funded and what are the expectations?
- × How voluntary programs going to be incentivized?

# Commonwealth's Schedule



- × April 9-12, Release Draft Phase III WIP
- × Public Comment April 12 – June 7, 2019
- × Comments accepted via email, mail, phone, web app
- × DEQ coming to HRPDC May 8, 10 am – 12 pm
- × Webinars May 13 @ 9 am and 6 pm
- × Final Phase III WIP due to EPA August 9