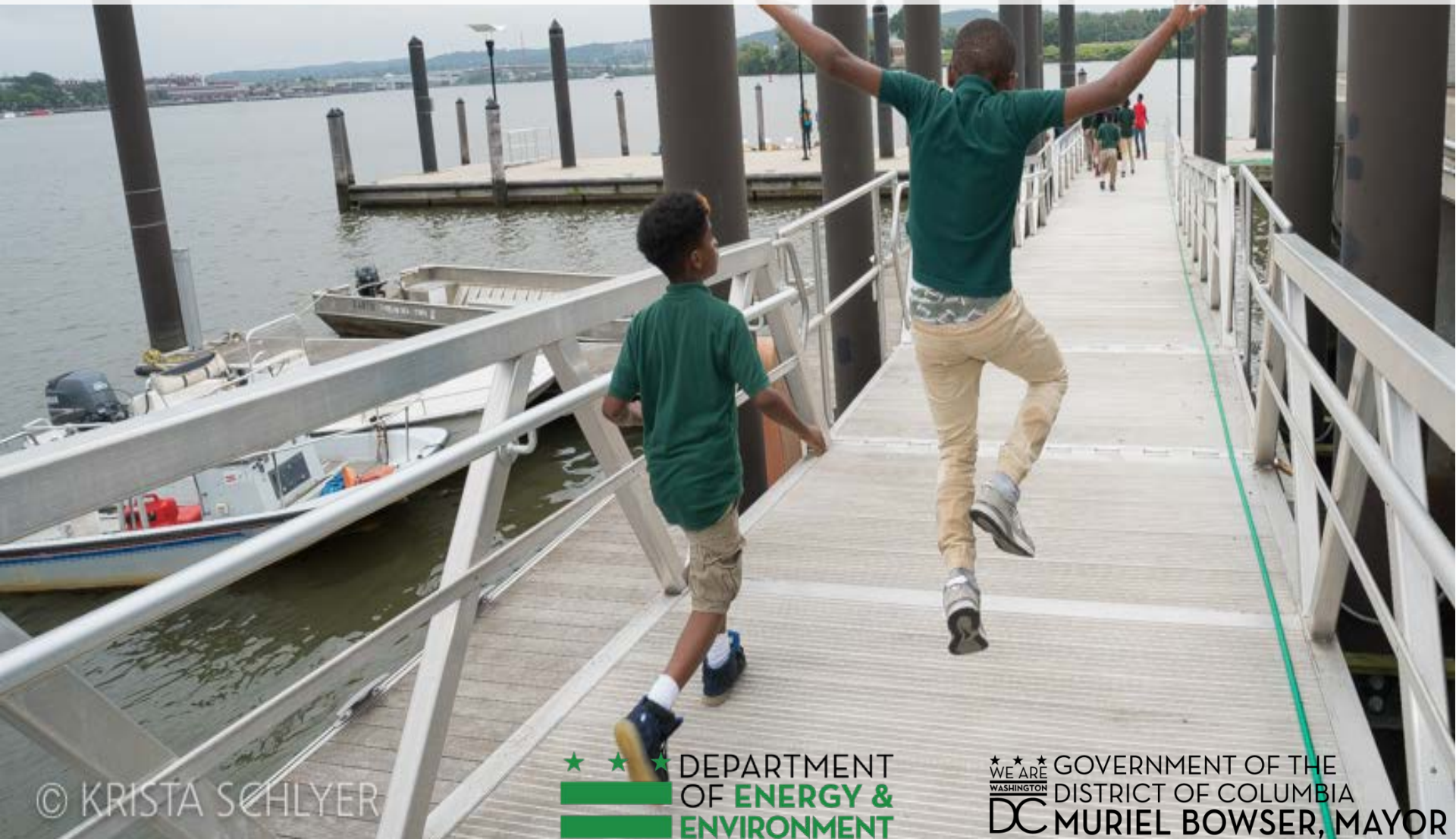


# DISTRICT'S DRAFT PHASE III WIP ANACOSTIA WATERSHED COMMUNITY ADVISORY COMMITTEE MAY 14, 2019



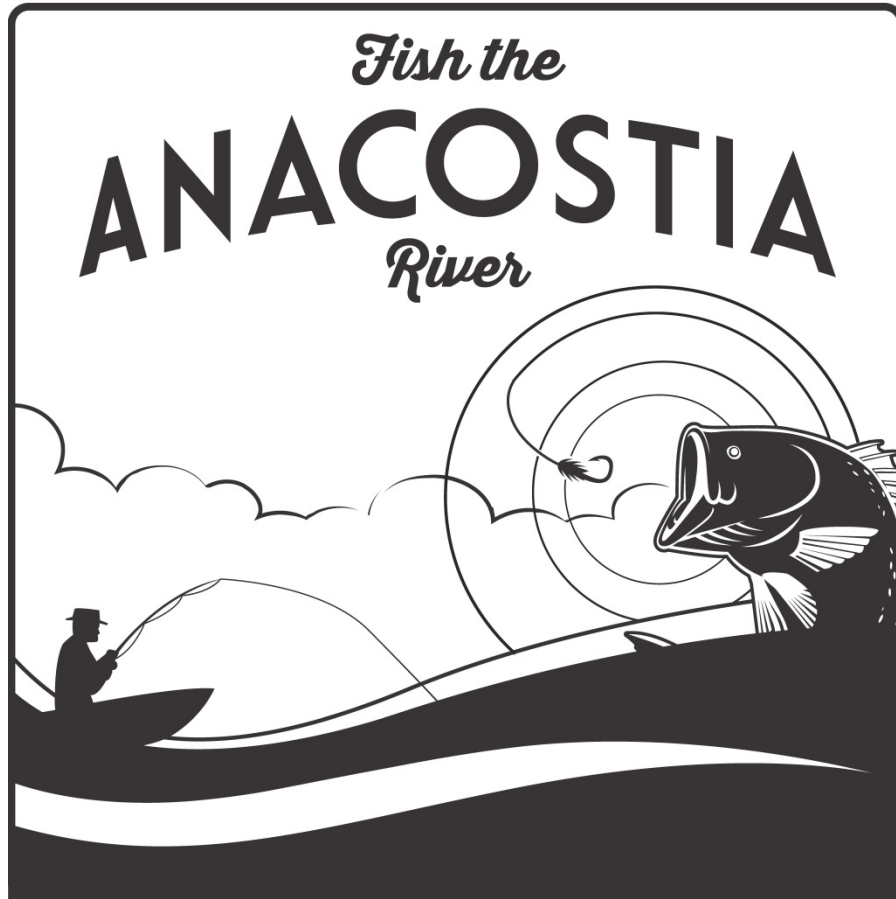
© KRISTA SCHLYER

★ ★ ★ DEPARTMENT  
OF ENERGY &  
ENVIRONMENT

★ ★ ★ WE ARE  
WASHINGTON  
DC GOVERNMENT OF THE  
DISTRICT OF COLUMBIA  
MURIEL BOWSER, MAYOR

# Federal Clean Water Act

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# Chesapeake Watershed

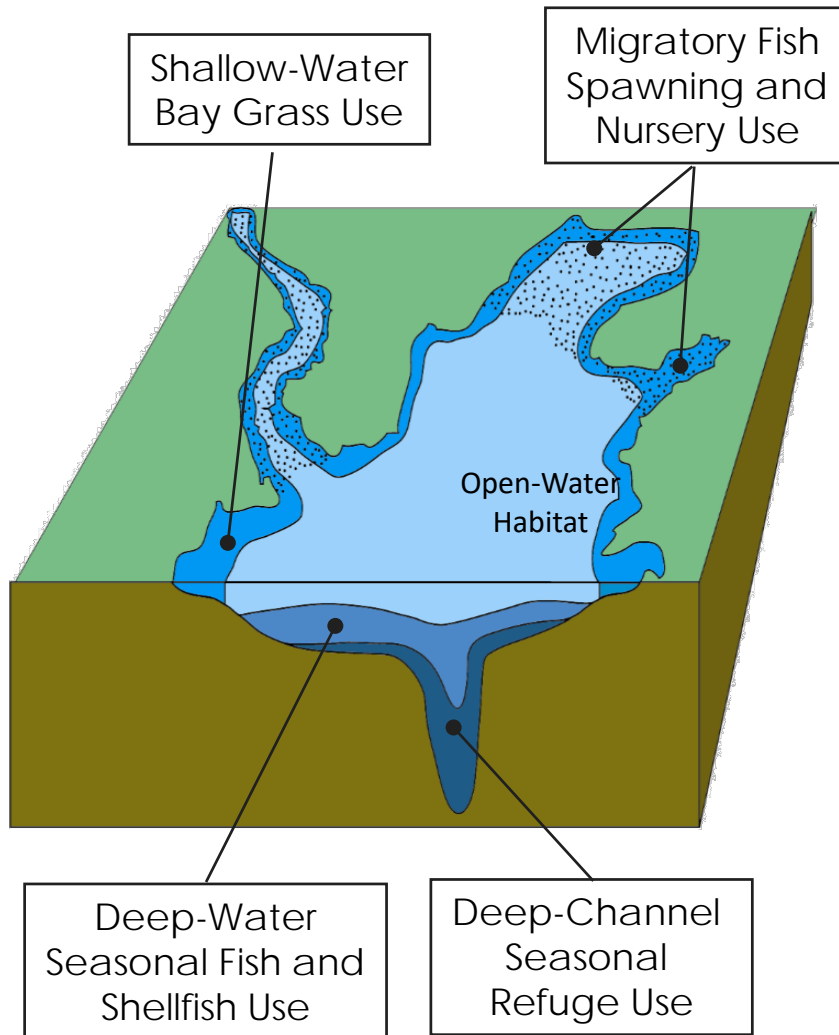
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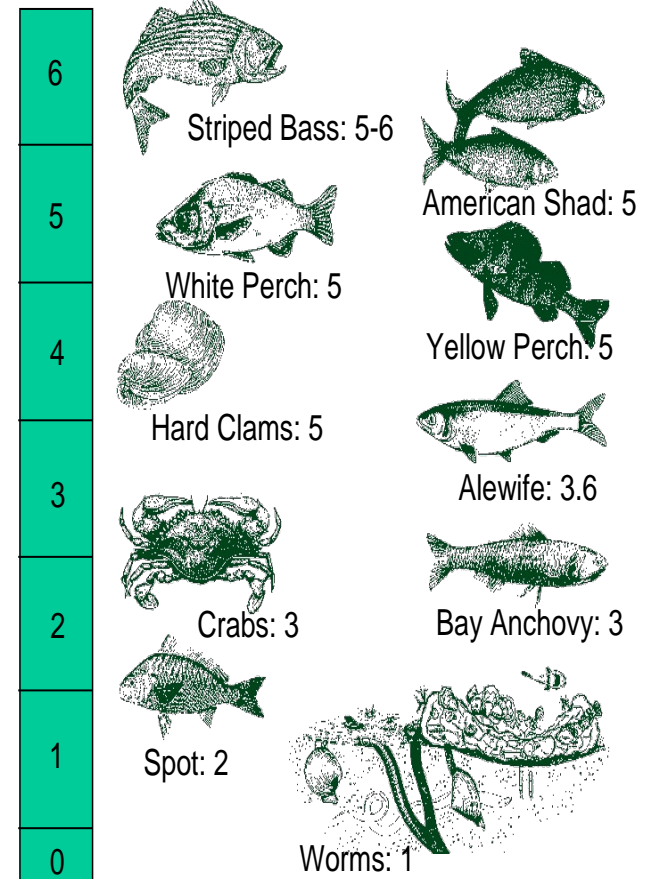
You Are Here



# Chesapeake Designated Uses



## Oxygen Requirements (mg/L) of Bay Species



# What Chesapeake Needs: Water Quality Standards

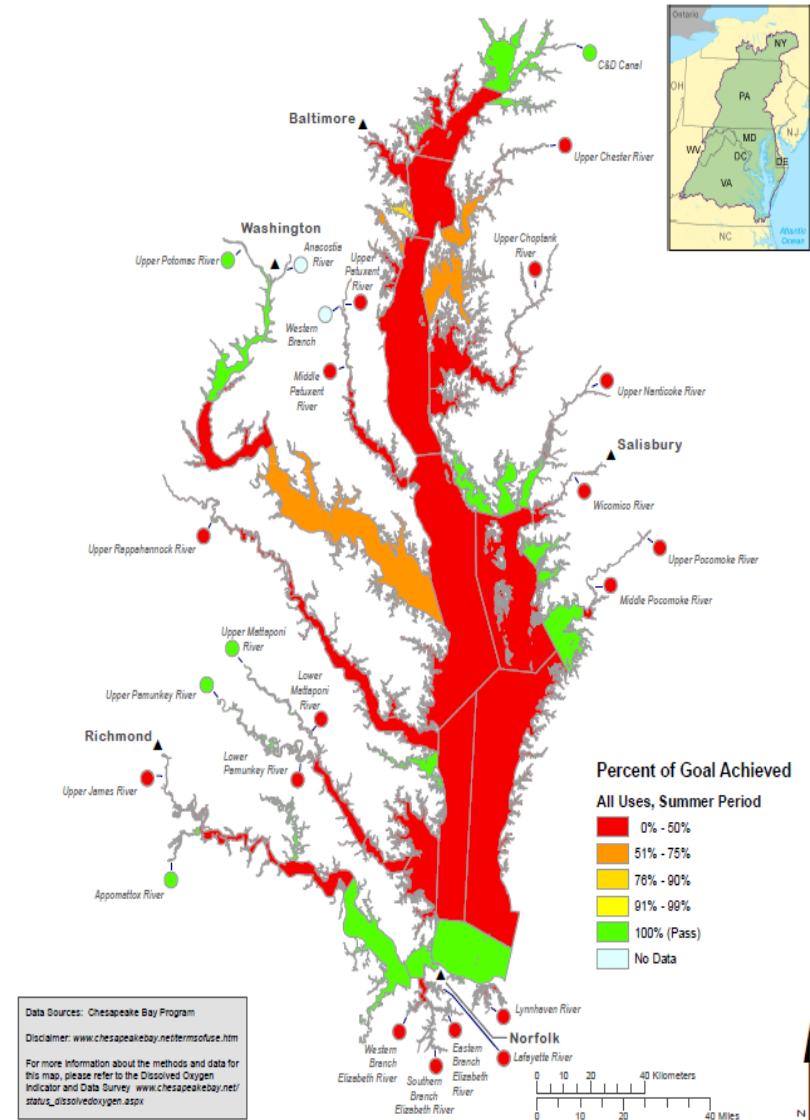
Enough Air: Dissolved Oxygen

Enough Light: Water Clarity  
Bay Grass Abundance

Not Too Much Algae: Chlorophyll a

*To make this happen, must  
reduce nitrogen, phosphorus  
and sediment pollution to the  
Chesapeake*

Dissolved Oxygen (June - September, 2010 - 2012)  
Percent of Goal Achieved (3 Year Analysis)



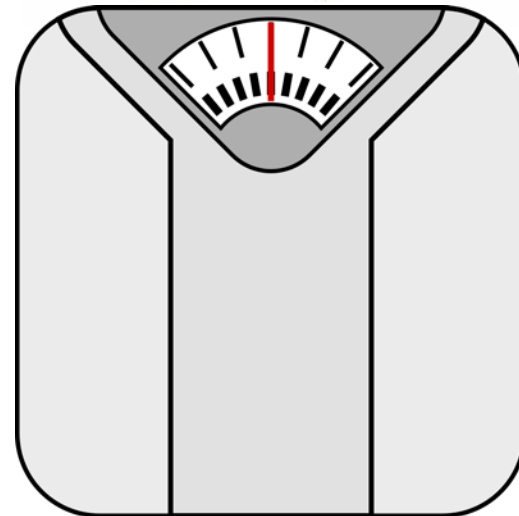
# The Chesapeake Pollution Diet aka Bay TMDL

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- ✓ Science tells us how much pollution Bay is receiving now and how much to reduce
- ✓ Chesapeake partnership divides that among states/DC
- ✓ State/DC writes a “watershed implementation plan” (WIP) to achieve the diet

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*Each State/DC currently updating its WIP cleanup strategy*



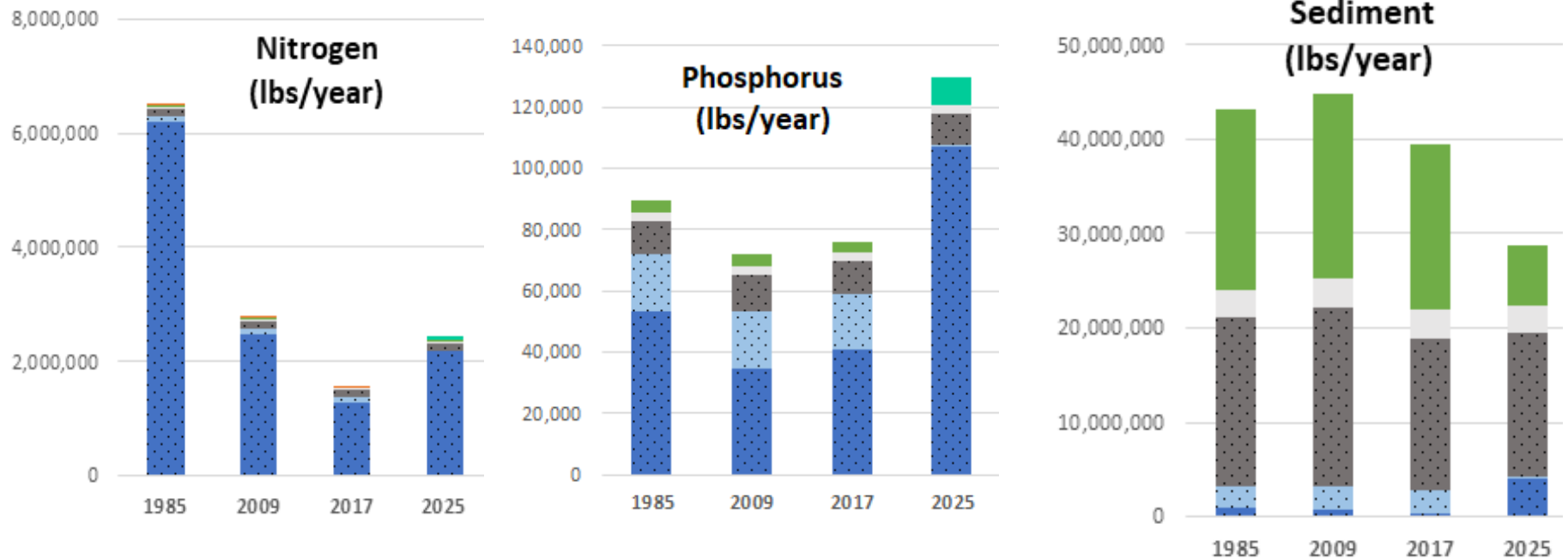


# Sticking to the Diet

- o Permit limits are set to meet TMDL limits
- o States or EPA issue permits to regulate wastewater treatment plants, storm sewers



# District's Progress and Planning Goals



## POINT SOURCES

■ Wastewater

## NONPOINT SOURCES

■ Urban Runoff - Direct Drainage

■ Reserve Developed Load

■ Combined Sewer Overflows

■ Natural +  
Atmospheric Deposition

■ Urban Runoff

■ Septic



# Commitments

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**Meeting permit requirements and completing planned stream restoration projects will achieve planning goals, including additional reductions to address climate change**

**Identified** priority areas for local benefits

- Improve local water quality
- Healthy streams and habitat
- Increase climate resilience

**Maintenance** a growing challenge



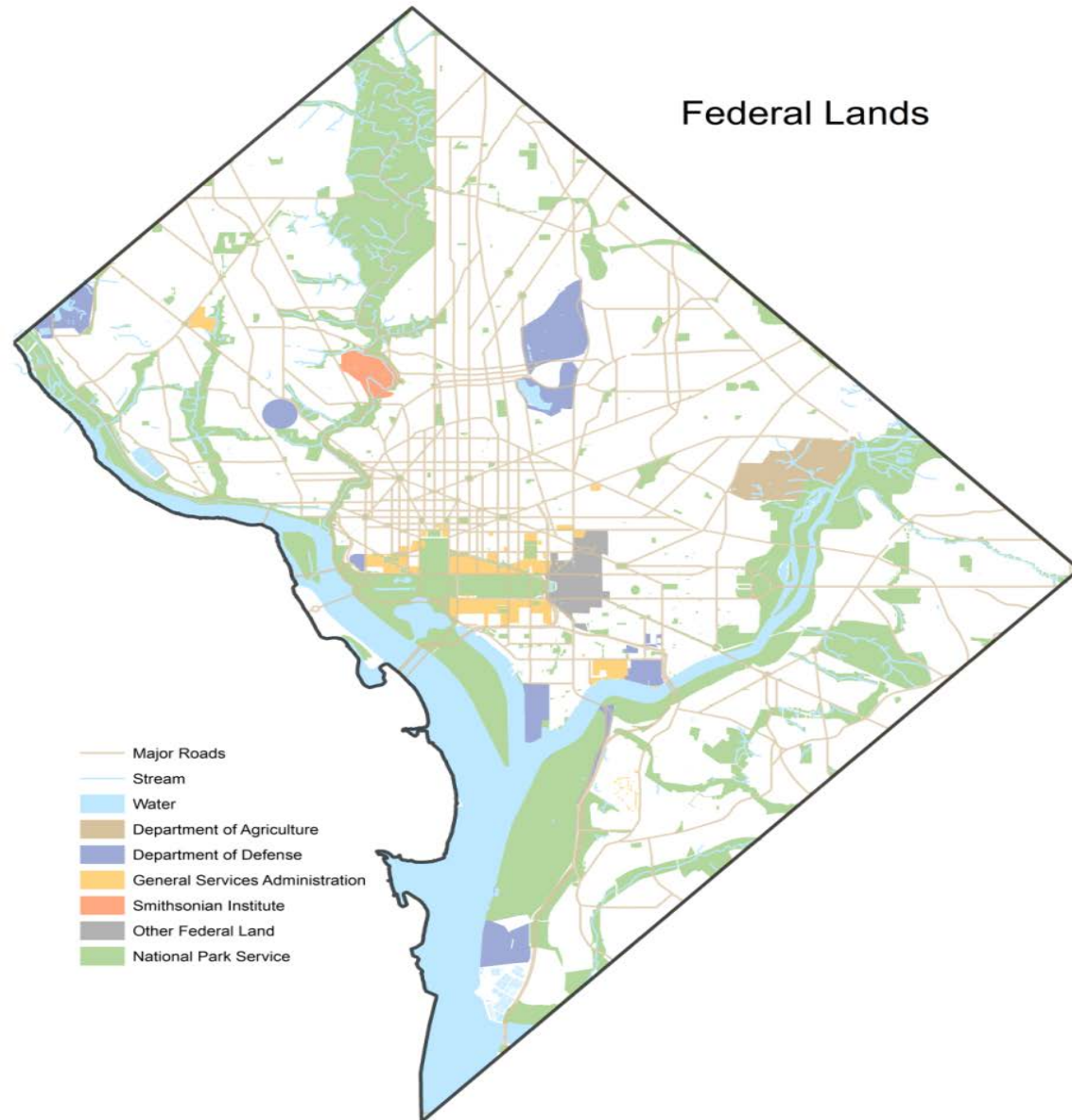
Nash Run Before



Nash Run After

Photo Credits: DOEE

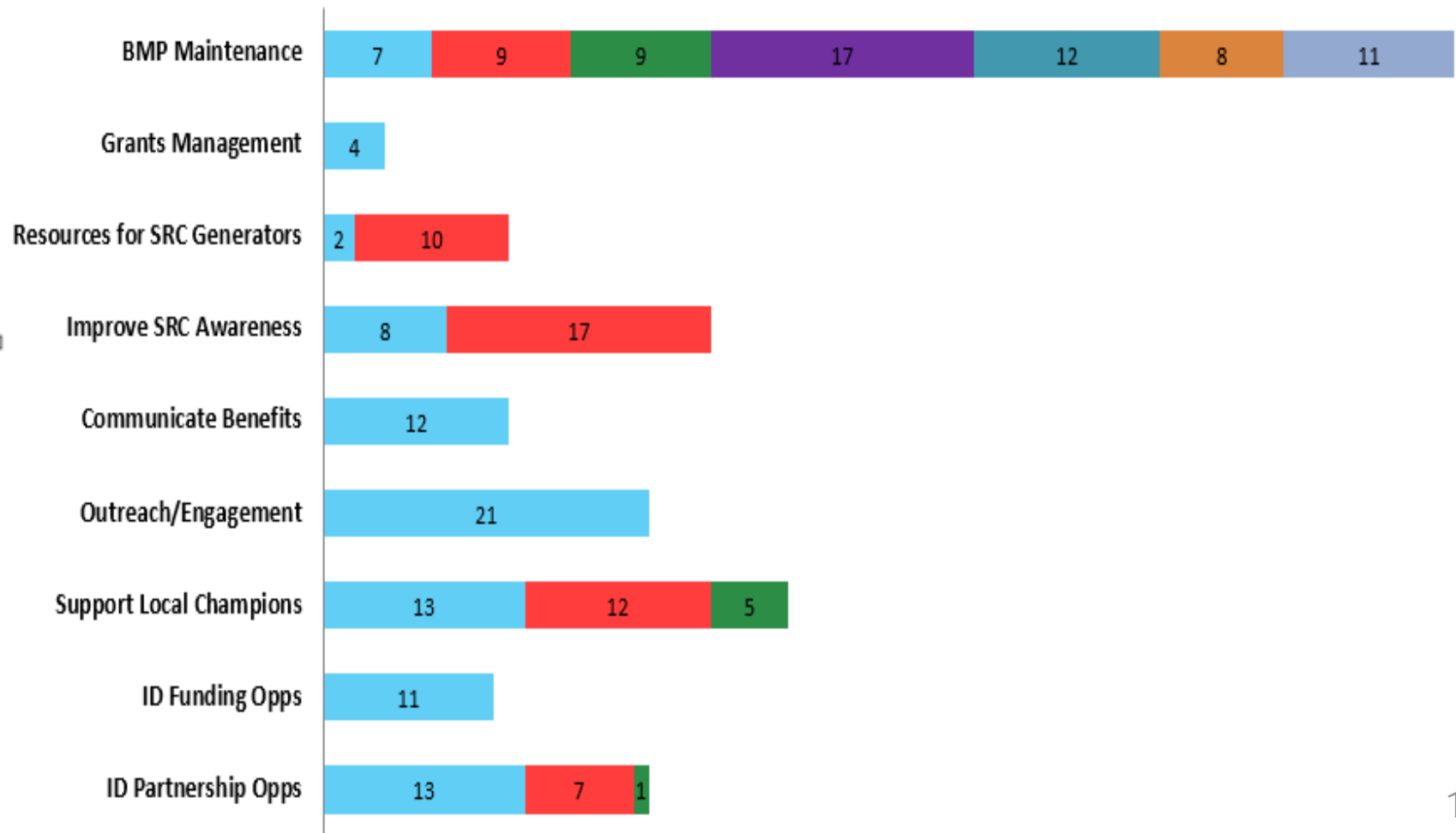
## Federal Lands



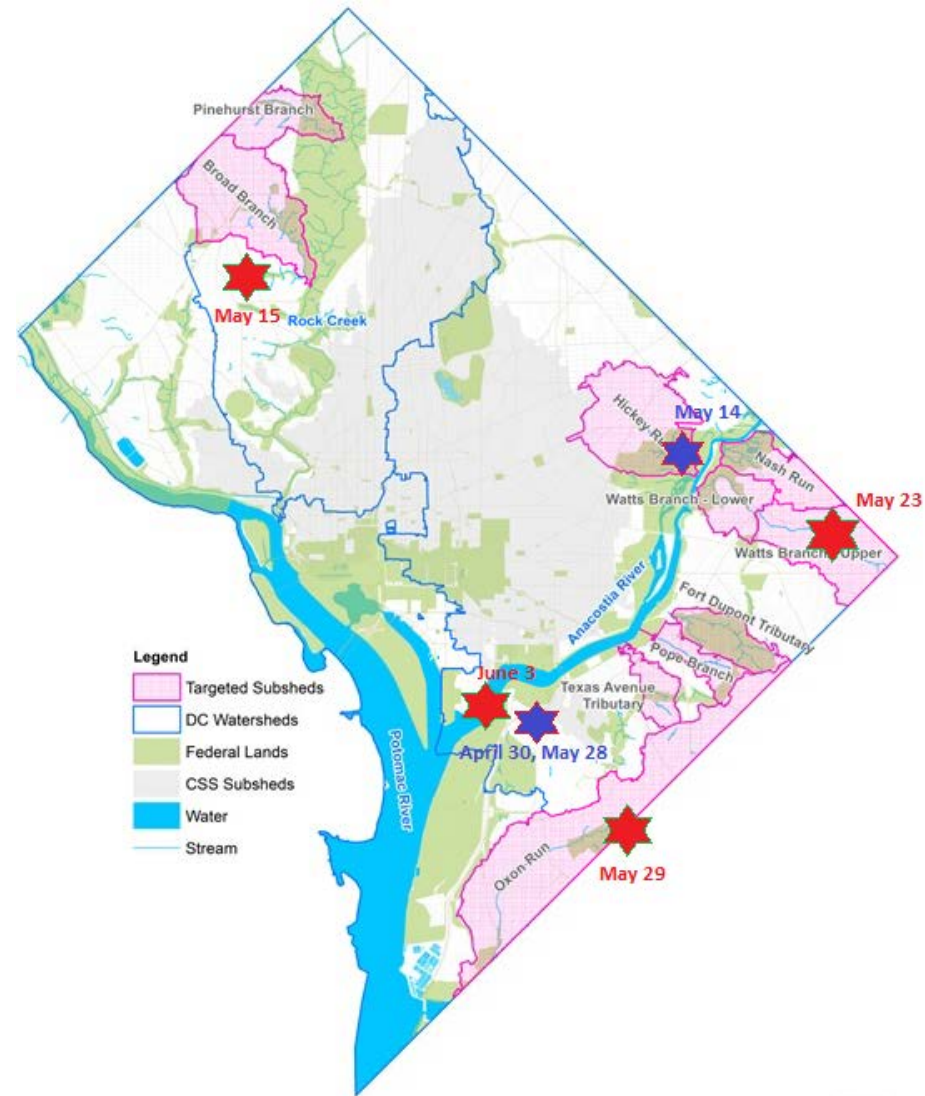
# Chesapeake Partner Advisory Group

## Number of Votes per Proposal by Issue

Proposal A Proposal B Proposal C Proposal D Proposal E Proposal F Proposal G



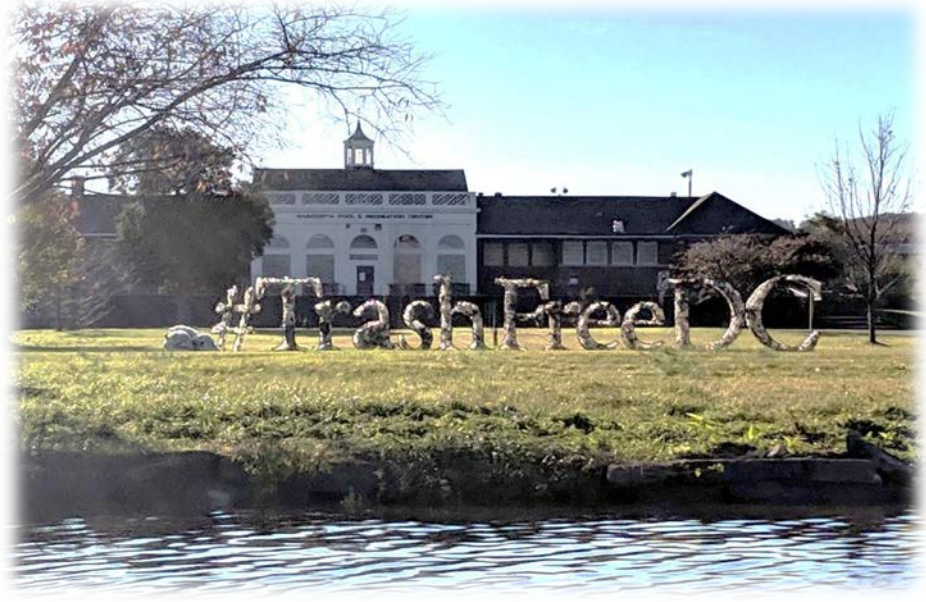




# Grant Programs

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- Community Stormwater Solutions
- GZEP Watershed Protection Projects
- RiverSmart Communities
- RiverSmart Schools
- Stormwater Retention Credit (SRC) Aggregator Startup





# Rebate Programs

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- Permeable Surface
- RiverSmart Homes Rain Barrel
- RiverSmart Homes Rain Garden
- RiverSmart Rooftops





# Other Programs

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- Adopt Your District
- Large Parcel Tree Planting
- Stormwater Retention Credit (SRC) PriceLock
- Stormwater Retention Credit (SRC) Site Evaluation
- Watershed Stewards Academy



# Bottom Line

Can't meet pollution diet without actions by residents, businesses, churches, and community organizations

DOEE has many programs to improve health of our waterways

Would you like to see more of these practices in your community?

- o What are key priorities in your community, and could pollution controls support these priorities?
- o What would encourage you to participate in a DOEE program?
- o How do you prefer to learn about initiatives and opportunities?
- o How can we support our local champions/early adopters?

# Katherine Antos

Branch Chief

[katherine.antos@dc.gov](mailto:katherine.antos@dc.gov)

(202) 574-7606

READ THE WIP & FIND MEETINGS NEAR YOU:

[bit.ly/DCWIP](http://bit.ly/DCWIP)

TAKE A SHORT SURVEY TO INFORM FINAL WIP & DOEE PROGRAMS

[surveymonkey.com/r/dcwip](https://surveymonkey.com/r/dcwip)

HAVE MORE COMMENTS ON THE WIP?

Email: [chesapeake@dc.gov](mailto:chesapeake@dc.gov)