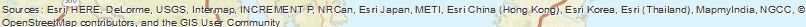




Maryland
Department of
the Environment

Maryland Community Engagement and Baltimore Urban Waters Partnership





Anacostia Watershed Restoration Partnership

- Began nearly 3 decades ago, but was revamped in 2006
- Consists of 3 working levels





MD MACO MS4 meetings

- Quarterly meetings to discuss meeting permit obligations for local TMDLs
- Includes Phase I and Phase II permittees
- Addresses a variety of pollutants
 - Nutrients
 - Sediment
 - Trash
 - PCBs
 - Chlorides



Baltimore Urban Waters Background

- Consortium of federal, state, and local agencies, NGO's, and academic institutions.
- Goal of promoting actionable science, scientific efforts that can be directly used by planners and decision-makers.
- Partnership recognized a need to bring organizations together to explore technical and regulatory environmental issues of common interest.



Polychlorinated Biphenyl (PCB)

- Urban waters within Baltimore region impaired for PCBs (Baltimore Harbor and Back River).
- PCBs pose a risk to human health from fish consumption.
- PCB TMDLs developed for Baltimore Harbor and Back River in 2012.
- TMDLs assigned reductions to regulated stormwater loads.



Local/State Engagement

- Local jurisdictions (Baltimore County, Baltimore City, and Anne Arundel County) required to develop PCB TMDL Implementation Plans to address stormwater loads.
- Limited knowledge on best approaches for identifying and remediating sources of PCBs in the watershed.
- Significant challenge for local jurisdictions to develop these implementation plans.
- BUWP reached out to Baltimore City & MDE to determine how the partnership can best assist in addressing these issues.
- With the help of the local and state jurisdictions the partnership has held two PCB workshops in 2017 and 2018.



PCB Workshop

- Workshops provide information on analytical methods, monitoring techniques, and remediation technologies that can be applied by local jurisdictions in developing their implementation plans.
- Provide a forum for technical exchange between the local jurisdictions on the effectiveness of existing implementation practices.
- Enable local jurisdictions to develop partnerships with the research community to assist in their implementation efforts.
- BUWP plans to continue hosting these workshops as local jurisdictions progress with their implementation strategies and monitoring & remediation technologies continue to advance over time.



Emerging and Non-traditional Pollutants (2016)

- MDE had an agreement with Blue Water Baltimore to attend stakeholder meetings regarding the Baltimore Harbor Trash TMDL
- BWB selected the BUWP meeting as the venue
- Workshop focused on monitoring and effectiveness of BMPs for non-traditional pollutants
- Anacostia Trash TMDL was presented as a case study
- Attendance from Baltimore City and Baltimore County, as well as NGOs that focus on trash reduction



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