

# Getting the TCW involved in the CBP effort to improve monitoring networks

June 9, 2021

# Research Outcome: Relevant MAs

- MA1: Synthesize scientific information to make fish and shellfish safer for human consumption
- MA2: Understand the influence of contaminants in degrading the health, and contributing to mortality, of fish and wildlife
- MA3: Document the occurrence, concentrations, and sources of contaminants in different landscape settings



# Research Outcome: Relevant Items from LAP

- 1.1: Explore opportunities for integrated mercury monitoring network to assess trends and need for management actions
- 1.2: PCB Science: Promote analytical and monitoring uniformity to allow for better comparison of data across watershed. TMDL tracking
- 2.4: PFAS methodology and assessment (fish consumption advisory development)
- 3.3: Examine co-occurrence of toxic contaminants with nutrients and sediment to inform possible co-benefits

# PP Outcome: Relevant items from LAP

- MA1: Regulatory approaches
  - 1.1: Continue jurisdictional monitoring for PCB occurrence to assess need for new local TMDLs and progress related to reducing PCB loads.
  - 1.2 Continue local TMDL implementation
  - 1.4 Determine whether the jurisdictions compile existing PCB outfall monitoring data for NPDES dischargers
  - 1.5: Continue to track investigation and remedial activities for Anacostia River sediments



# Existing Efforts TCW can use...

- PCB and pesticide inventory of existing data
- Statistical models and simulations to provide guidance on the development of monitoring programs to assess temporal changes in riverine chemical contaminant concentrations.
- Other jurisdiction monitoring and analyses efforts
- CBP evaluation of outcome indicators

# Suggested next steps

- TCW would develop 2-page summary of needs and opportunities for toxic contaminant monitoring to be part of STAR report
- TCW with STAR decide and propose:
  - Priority needs to be addressed
  - Opportunities to coordinate existing monitoring
  - Identify remaining gaps and recommendations to fill them
- Align with STAR deadlines during 2021
  - Use selected meetings
  - Have small team from TCW lead effort