

## Research Outcomes Status Updates

*Current LAP was distributed to all partners on Aug 9 2024 with included tasks and we requested status feedback on these tasks with feedback on continuation, addition, or elimination of the task.*

*As of Sep 9,*

Received	Outstanding
DE	MD
VA	PA
NOAA	DC
US FWS	WV
USGS – partial	Most academic partners



# Toxic Contaminant Research

*Emily Majcher, USGS, Co-chair  
and Research Outcome Lead*

*Through the Chesapeake Bay Watershed Agreement, the Chesapeake Bay Program has committed to...*

**Goal:** Ensure that the Bay and its rivers are free of effects of toxic contaminants on living resources and human health

**Research Outcome:** Continually increase our understanding of the impacts of and mitigation options for toxic contaminants through research.



## What is our Outlook and Recent Progress?



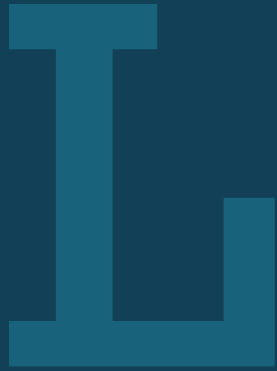
RECENT PROGRESS  
**INCREASE**



OUTLOOK  
**ON COURSE**

Workgroup implements an effective research agenda that brings relevant science findings to the workgroup, and increasingly provide leadership across the Partnership related to high priority, cross-cutting topics (e.g., PFAS and PCBs) in the watershed.

Challenged by lack of a quantitative indicator related to this outcome and increasing and changing priorities with limited capacity.



# Learn

*What have we learned in the last two years?*

## *MANAGEMENT APPROACHES FOR RESEARCH OUTCOME*

MA1: Supply information to make fish and shellfish safe for human consumption

MA2: Understanding 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

MA4: Science to help prioritize options for mitigation to inform policy and prevention

MA5: Gather information on issues of emerging concern



## Successes and Challenges

- Successes
  - Quarterly PFAS meetings related to many science needs (3 technical talks per meeting, discussion and needs assessment)
  - Inventorying of PFAS data in the watershed
    - Surface water inclusion into Chesapeake data



## Successes and Challenges

- Challenges
  - Large number of constituents, competing priorities
  - Science needs related to “new” priorities including PFAS and 6PPD/Q
  - Capacity



## On the Horizon

- 6PPD/Q in Brook Trout (
- PFAS and the agricultural community
- Multi-stressors that include toxics



# Adapt

*How does all of this impact our work?*



**Based on what we  
learned, we plan to ...**

- **LEVERAGE and COLLABORATE** to make progress on Partnership priorities related to toxic contaminants
- **Continue PFAS Quarterlies** on priority topics



## **Equitable and inclusive restoration ...**

- In both urban and agricultural communities, the presence of toxic contaminants in the environment can disproportionately affect disadvantaged communities. (e.g., EC-SDC Grant program)

A large, stylized, light blue letter 'F' is positioned on the left side of the slide. It is set against a dark blue background that occupies the left half of the slide. The letter is composed of solid blue shapes.

# Fill the Gap

*How can the Management Board  
help achieve the Outcome?*



## Filling the Gap

- In CY2025, efforts by the TCW will be more targeted and strategic to provide leadership on a narrower
- BECAUSE of...[where we are, what we learned, and the challenges ahead...]
- Over the next 2 years, we PLAN to...



## Filling the Gap



# Discussion

# ChesapeakeProgress Icons



RECENT PROGRESS  
**INCREASE**



RECENT PROGRESS  
**DECREASE**



RECENT PROGRESS  
**NO CHANGE**



RECENT PROGRESS  
**COMPLETED**



OUTLOOK  
**ON COURSE**



OUTLOOK  
**OFF COURSE**



OUTLOOK  
**UNCERTAIN**



OUTLOOK  
**COMPLETED**