

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



Goal: *Stream Health*

Outcome:

Continually improve stream health and function through the watershed. Improve health and function of ten percent of stream miles above the 2008 baseline for the watershed

What we've done

STAC Workshop

State of the science & practice of stream restoration in the Chesapeake: Lessons Learned to inform better implementation, assessment, and outcomes

- Workshop was held in March 2023
- Steering Committee reported out to SHWG in Feb 2024
- Steering Committee is finalized STAC workshop report

What we're doing now

Literature Review: Building Climate Resilience in Stream Restoration Practices

This literature review seeks to answer the questions:

How do common stream restoration techniques perform when faced with climate change?

What is the long-term resiliency of stream restoration practices?

- 2022 GIT Funded Project with Stroud Water Research Center
- Held meeting in March for Stroud to present data sources and a draft framework for our review
- Stroud is currently researching and analyzing literature
- Project should be completed in late fall 2024

What we're doing now

Strategy Review System Cycle

- Begun in Spring 2024
- Discussed Outcome Review Questions in April SHWG Meeting
- Management Board meeting is June 2024
- Need to revisit Management Strategy
- Final materials will be due in September 2024

What we will be doing

Data Review and Development of Multi-Metric Stream Health Indicators – Physicochemical Metric Analysis

This project (Phase 3B) will continue to address the question: Following the implementation of management efforts, how is stream health changing, and how can we better characterize the response through non-biological metrics?

- Continuation of Phase 3A (2021 GIT Funded Project)
- Will focus on physicochemical parameters
- Proposal submitted for 2024 GIT funding consideration