

CHESAPEAKE BAY COMPREHENSIVE WATER RESOURCES AND RESTORATION PLAN - UPDATE

Update to Chesapeake Bay Program Management Board
19 October 2017

"The views, opinions and findings contained in this report are those of the authors(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation."

Chesapeake Bay Comprehensive
Water Resources and Restoration Plan



US Army Corps
of Engineers
Norfolk District



US Army Corps
of Engineers
Baltimore District



RECAP - GOAL

Provide a single, comprehensive and integrated restoration plan that would assist with implementation of the Chesapeake Bay Agreement by:

- Effectively and efficiently engaging Bay stakeholders to identify problems, needs and opportunities in the watershed and avoid duplication of ongoing or planned actions by others.
- Identifying actions by other federal, state, and local government agencies and NGOs in the watershed to address problems outside of USACE mission areas.
- Determining where and how USACE mission areas could be utilized in the watershed to support the goals of the Chesapeake Bay Agreement.



VISION AND PURPOSE

“We envision an environmentally and economically sustainable AND RESILIENT Chesapeake Bay watershed with clean water, abundant life, conserved lands and access to the water, a vibrant cultural heritage, and a diversity of engaged citizens and stakeholders.”

- Develop a comprehensive and strategic, integrated water resources plan to guide the implementation of projects that will assist in meeting the Chesapeake Bay Agreement.
- Identify areas for ecosystem restoration, protection or preservation that will assist in meeting the Chesapeake Bay Agreement.
- Identify at least one project in each state and D.C. that can be considered for implementation or technical assistance by the U.S. Army Corps of Engineers and supports the Bay Agreement.
- Identify new policies or programs or improve upon existing policies and programs that will help achieve an environmentally and economically sustainable and resilient Chesapeake Bay watershed.

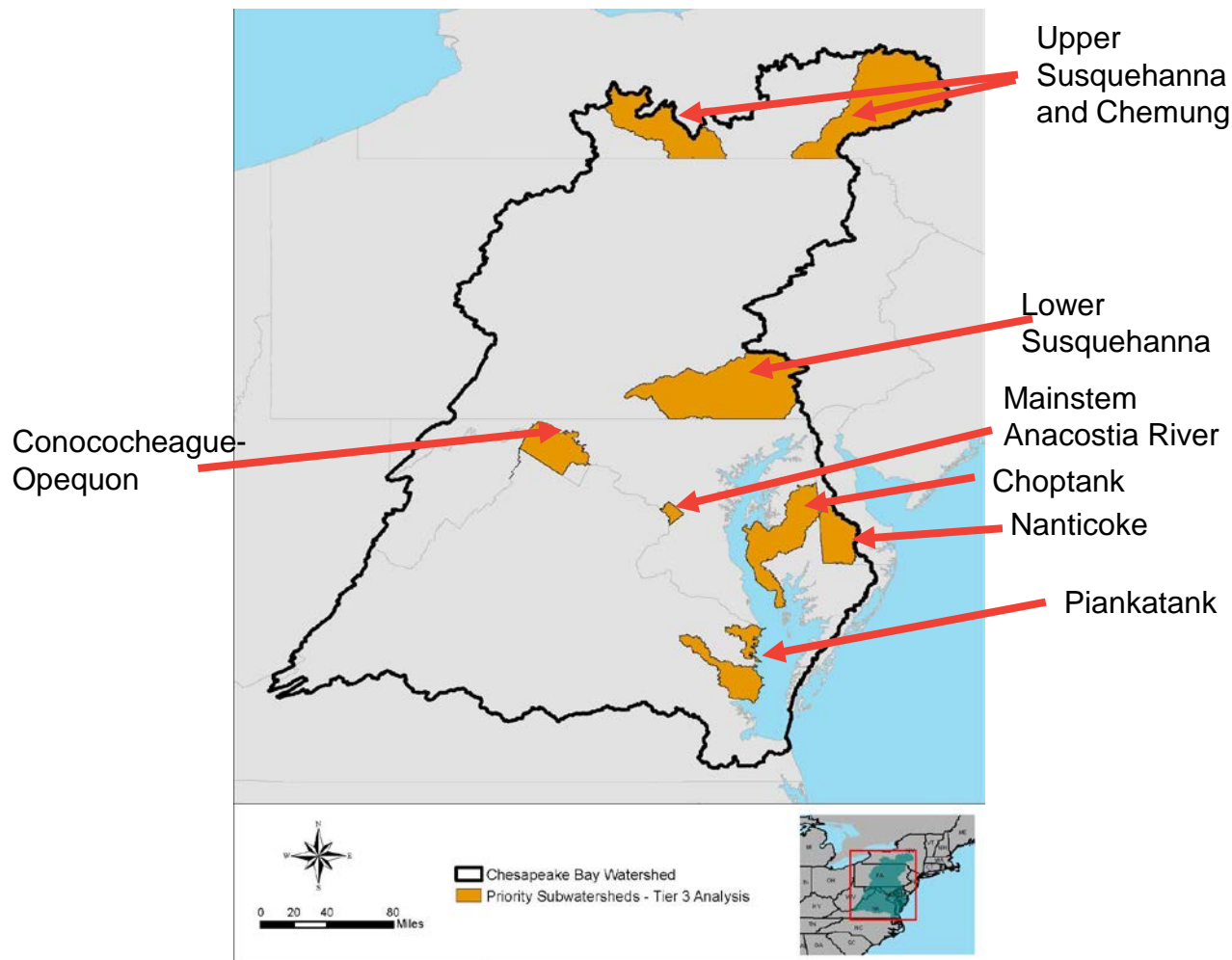
TARGETED GEOSPATIAL INVESTIGATIONS

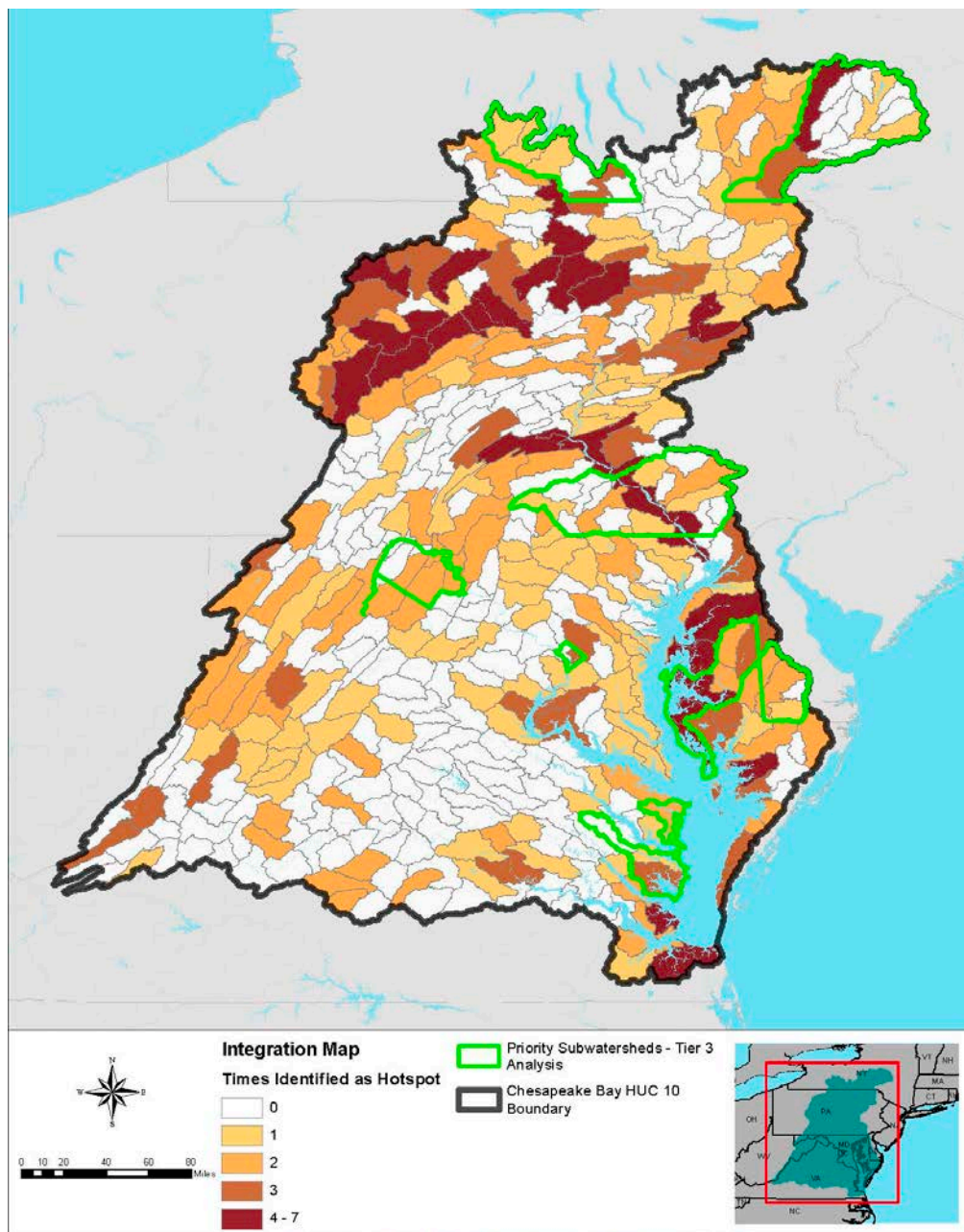


1. Habitat restoration – riparian buffers, stream restoration, and fish passage for Eastern brook trout, resident, and anadromous fish plus oysters, and SAV.
2. Wetland restoration - restoration and enhancement of tidal and non-tidal wetlands, wetland restoration to benefit avian wildlife, and beneficial use of dredged material.
3. Connectivity – connectivity of healthy habitats to restoration opportunities and connectivity to socioeconomic resources.
4. Conservation of lands to promote watershed healthy, species, and socioeconomic benefits
5. Shorelines and streambanks – at risk shorelines and proximity to restoration opportunities
6. Toxic contaminants



PRIORITY SUBWATERSHEDS FOR DETAILED PLANS





Chesapeake Bay Comprehensive Water Resources and Restoration Plan Watershed Assessment

PRELIMINARY SYNTHESIS OF FINDINGS

Each targeted geospatial investigation identified HUC10 hotspots. These HUC provide opportunities to address a number of individual outcomes and are focus areas for action when evaluating on the full watershed scale. HUC not identified as basin-wide hotspots hold vast opportunities to address local priorities and needs.



PRELIMINARY FINDINGS, NEEDS AND OPPORTUNITIES

- 25 Top Tier high prioritized HUC's identified with broad and multi-benefit opportunities.
- Opportunities for USACE Implementation identified- Shoreline habitat restoration, Wetlands, Streams, Oysters, SAV- Section 510, CAP 206, 103, 14 (if public infrastructure is at risk) GI, CG.
- Limitations to where USACE can implement- opportunities identified for stakeholders as well- riparian buffers, acid mine drainage, water quality, land conservation, Remediate and Control Toxic Contaminants - USACE could offer PAS, IIS or military planning if military lands.
- Identified opportunities Bay-wide to meet Bay Agreement Goals
- Bay Agreement identifies who and what- CBCP identified where.

STAKEHOLDER COORDINATION

- A public workshop and two stakeholder webinars have been held in the past year; regular coordination with CBP Cross-GIT group
- Current requests:
 1. Paragraph supporting selection of priority subwatershed
 2. Potential projects for incorporation into 510 Plan
 3. Identification of any existing plans within the priority subwatershed
 - MS4 plans
 - WIPs
 - State Wildlife Plans
 - Subwatershed plans

PATH FORWARD

Fall 2017 – Complete Integration Analyses and Report Prep

Winter 2017/2018 – Internal and Public Review

Spring 2018 – Revisions

Summer 2018 – Final Report

