HABITAT TRACKER

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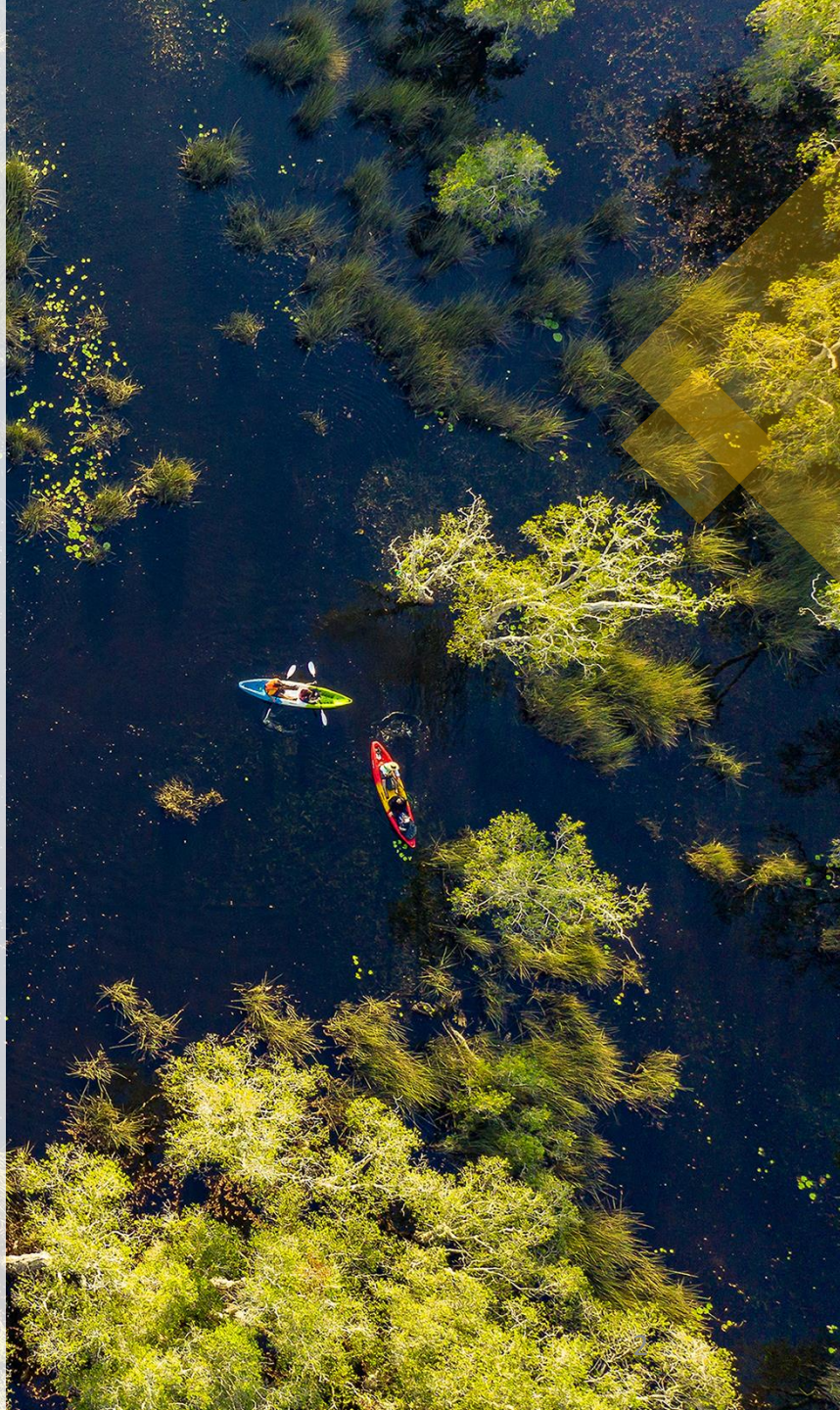
Purpose

- Collect data to be able to evaluate **functional benefits** of wetlands and for indicator species in the Watershed Agreement
- Develop a tracking tool to assess progress towards the 2014 Chesapeake Bay Agreement's Vital Habitats Goal for the Wetland and Black Duck Outcome
  - Brook Trout Outcome in development
- Includes tidal and nontidal areas of the Chesapeake Bay watershed
- Projects that include impacts on new and existing wetlands and habitat appropriate for indicator species in natural, urban, and agricultural areas
- Data provided by direct communication with entities such as:
  - Ducks Unlimited and The Nature Conservancy
  - Chesapeake Bay watershed jurisdictions
  - Federal partners



Habitat Tracker

- Habitat Tracker is a data management system to collect and organize data related to the habitat goals and outcomes
- Information can be aggregated and made available to show progress toward the Wetland and Black Duck Outcomes
- habitat-tracker.net

GOALS	OUTCOMES
Sustainable Fisheries Goal	Blue Crab Abundance Outcome
	Blue Crab Management Outcome
	Oyster Outcome
	Forage Fish Outcome
	Fish Habitat Outcome
Vital Habitats Goal	Wetlands Outcome
	Black Duck
	Stream Health Outcome
	Brook Trout
	Fish Passage Outcome
	Submerged Aquatic Vegetation (SAV) Outcome
	Forest Buffer Outcome
	Tree Canopy Outcome
Water Quality Goal	2017 Watershed Implementation Plans (WIP) Outcome
	2025 WIP Outcome
	Water Quality Standards Attainment and Monitoring Outcome
Toxic Contaminants Goal	Toxic Contaminants Research Outcome
	Toxic Contaminants Policy and Prevention Outcome
Healthy Watersheds Goal	Healthy Watersheds Outcome
Stewardship Goal	Citizen Stewardship Outcome
	Local Leadership Outcome
	Diversity Outcome
Land Conservation Goal	Protected Lands Outcome
	Land Use Methods and Metrics Development Outcome
	Land Use Options Evaluation Outcome
Public Access Goal	Public Access Site Development Outcome
Environmental Literacy Goal	Student Outcome
	Sustainable Schools Outcome
	Environmental Literacy Planning Outcome
Climate Resiliency Goal	Monitoring and Assessment Outcome
	Adaptation Outcome

Paradigm Shift for Tracking Habitat Outcomes

Welcome

The Habitat Outcome and Attainment Tracking System is a means of collecting and managing the habitat improvement projects implemented in the Chesapeake Bay watershed. A central repository of data from multiple agencies and partners allows a streamlined approach to generate reports needed for ecosystem services tracking and assessments. The Tracking System also facilitates evaluating project implementation goals for trend and targeting analyses.

This Excel spreadsheet contains a template for reporting and tracking habitat projects. The template helps data submitters in the identification and regular reporting of projects that are expected to impact wetlands and black ducks. Reported projects are used to assess progress towards meeting the goals and outcomes established in the 2014 Chesapeake Bay Agreement.

Download the Upload Template

Please contact Helen Golimowski at helen@devereuxconsulting.com for assistance.

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Project | Landuse | Funders | BMPs | Inspections | Mitigation

Project Identifier *
101

Project Name *
Construction Oversight

Project Type *
Instream Habitat

Select Project Status
Restoration
Enhancement
Creation
Wetland Preservation
Instream Habitat

Description

Wetland Type
Select Wetland Type

Lead Organization
Trout Unlimited

Reference Point
Select Reference Point

Latitude

Longitude

Restore Habitat

State
PA

CountyName
Cambria, PA

Huc12Code
020502010303 - Glendale Dam-Beaverdam Run

Geographies are set based on the latitude / longitude.

Construction Start Date

Construction End Date *
9/23/2021

Additional Project Types
Select Project Types

Additional Objectives
Select Objectives

At Risk Species
Select Species

Communities
Select Communities

Planning Priorities
Select Planning Priorities

Partner Organizations

Notes

- [ ] Private Landowner
- [ ] Publicly Accessible
- [ ] Recreation Area
- [ ] Brook Trout Present
- [ ] Brook Trout Monitoring

Brook Trout Monitoring Study
Select Monitoring Study Design

- [ ] Black Duck Present
- [ ] Environmental Literacy
- [ ] Climate Resiliency Considered
- [ ] Flood Hazard Area

Flood Exceedance Amount

- [ ] Habitat For Rare Plants Animals

Government Threat Level
Select Threat Level

Project | Landuse | Funders | BMPs | Inspections | Mitigation

+ Add Project Landuse | Clear Filters

Pre Project Landuse	Post Project Landuse	Unit	Impervious	Actions
Wetlands	Wetlands	acres	1363	

1 items

Wetland and Black Duck Acres Report

- Projects that have any positive impact on Black Ducks are summarized in the Wetland and Black Duck Acres Report
- Wetland type and acreage is reported, as well as the pre-and post project land use
- If presence of Black Ducks have been reported, this is noted in the 'Presence of Black Duck' column
- **Note:** We are capturing the entire acreage of projects that impact wetlands, not just the new acres of wetlands
  Ex. See rows where pre- and post- project land use is 'Wetlands'

Geography	Construction End Year	Wetland Type	Presence Of Black Duck	Pre Project Land Use	Post Project Land Use	Acres
DE	2020	Non-Tidal	NO	Agriculture	Natural	70.000
DE	2021		NO	Agriculture	Natural	6.000
MD	2011	Non-Tidal	NO	Wetlands	Wetlands	2.400
MD	2012	Non-Tidal	NO	Forest	Wetlands	1501.000
MD	2012	Non-Tidal	NO	Not Available	Wetlands	558.990
MD	2012	Non-Tidal	NO	Open Space	Wetlands	143.800
MD	2012	Non-Tidal	NO	Wetlands	Wetlands	1921.000
MD	2012	Tidal	NO	Not Available	Wetlands	27003.399
MD	2012	Tidal	NO	Wetlands	Wetlands	27000.000
MD	2013	Non-Tidal	NO	Open Space	Wetlands	145.900
MD	2013	Non-Tidal	NO	Water	Wetlands	60.000
MD	2013	Non-Tidal	NO	Wetlands	Wetlands	108.500
MD	2013	Tidal	NO	Water	Wetlands	1776.000
MD	2013	Tidal	NO	Wetlands	Wetlands	1333.000
MD	2014	Non-Tidal	NO	Forest	Wetlands	788.500
MD	2014	Non-Tidal	NO	Not Available	Wetlands	26000.800
MD	2014	Non-Tidal	NO	Open Space	Wetlands	329.900
MD	2014	Non-Tidal	NO	Wetlands	Wetlands	26005.300
MD	2014	Tidal	NO	Forest	Wetlands	25.000
MD	2014	Tidal	NO	Natural	Natural	25.000
MD	2014	Tidal	NO	Not Available	Wetlands	2057.000
MD	2014	Tidal	NO	Wetlands	Wetlands	3418.000
MD	2014		NO	Agriculture	Natural	6.500
MD	2014		NO	Open Space	Wetlands	1.000
MD	2015	Non-Tidal	NO	Forest	Wetlands	550.000
MD	2015	Non-Tidal	NO	Natural	Natural	8.200
MD	2015	Non-Tidal	NO	Not Available	Wetlands	2.000
MD	2015	Non-Tidal	NO	Open Space	Wetlands	46.420
MD	2015	Non-Tidal	NO	Wetlands	Wetlands	1021.700
MD	2015	Tidal	NO	Natural	Natural	275.000
MD	2015	Tidal	NO	Not Available	Wetlands	.310
MD	2015	Tidal	NO	Water	Wetlands	55.110
MD	2015	Tidal	NO	Wetlands	Wetlands	55.110
MD	2015		NO	Agriculture	Natural	38.500
MD	2016	Non-Tidal	NO	Agriculture	Natural	335.000

Conclusions

- The Habitat Tracker is a data collection system for evaluating progress toward the Watershed Agreement Vital Habitat's Goals and Outcomes
- Persistent effort is required to elicit data
- Ultimately, tracking can help incentivize goals and show the impact of habitats