



TOWN OF CHEVERLY Flood Risk Reduction Project

Presented by: The Clean Water Partnership
Sonya Williams, Program Manager – MidAtlantic Region

February 19, 2025



AGENDA

- Introductions
- Why Community-Based Partnership
- Stream Restoration
- Invasive Species Removal
- Flood Risk Reduction
- Community Engagement

Introduction

Why Community-Based Partnership



Prince George's County's Department of the Environment

See the full video:
<https://tinyurl.com/CWP2015>

Clean Water Partnership, Established in 2015

- Based on the Community-Based Public Private Partnership (CBP3) model as developed by the US EPA Region III
- Intentionally developed to provide multiple, overlaying benefits (socioeconomic, environmental, implementation efficiency, community uplift, compliance surety)



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WE ARE PARTNERSHIP.

Our focus is delivering industry-leading sustainable infrastructure while serving our clients, communities, and partners.

OUR VALUES



WE ARE RESPECTFUL

We treat people with dignity, actively listening and always considering their perspectives. As a community-focused organization, we engage with the stakeholders, integrate their viewpoints, and commit to mutually beneficial outcomes. We believe respect is reciprocal.

WE ARE ACCOUNTABLE

We commit to meeting our goals and objectives as a performance-driven, results-oriented organization. The Partnership welcomes constructive criticism and learning from our mistakes. We encourage our employees and partners to own their actions, take responsibility for their tasks and commit to frequent, honest communications.

WE EMPOWER

Giving our employees and partners the space and freedom to make decisions, take action, express their ideas, make mistakes, and feel safe in doing so is paramount. Empowerment provides the energy for collective growth, invites innovation, and allows us to consistently move the needle within our organization, for our clients, and in the communities we serve.

WE ARE INCLUSIVE

We welcome the differences in people, honor individual perspectives, and provide equal access while inviting everyone to participate fully, knowing we are better together. In the communities we partner with, we strive to create opportunities for underserved businesses and provide mentorship to support their growth.

WE ARE TRANSPARENT

Our commitment to transparency ensures that we operate on the principle of trust, providing clarity about our actions, intentions, goals, and objectives. We welcome questions, encourage two-way communication, and believe that our sincerity will drive engagement, internally and externally.

WE ARE RESPONSIVE

A responsive organization sends an acknowledgment if the answer is not readily available, sets an expectation and time frame for the reply, and reacts to deadlines. We expect our people and partners to act with a sense of urgency, seek clarity on the issue, do the research, collaborate when necessary, and respond promptly.

Clean Water Partnership: Team

- Sonya Williams*, CWP Program Manager
- *Joey Monheit, CWP Production Manager*
- Kristina Bigby*, Community Outreach (Assedo)
- Emily Clifton, Grants Manager (LIDC)
- Laura Connelly*, Invasive Removal Project Manager (LIDC)
- Nicole Clifton, Flood Risk Reduction Project Manager (Quest2)
- Charlie Griffin, Flood Risk Reduction Technical Manager (LIDC)

* Presenting

CWP Community Benefits

CWP INTEGRATED PARTNERS – ECOSYSTEM

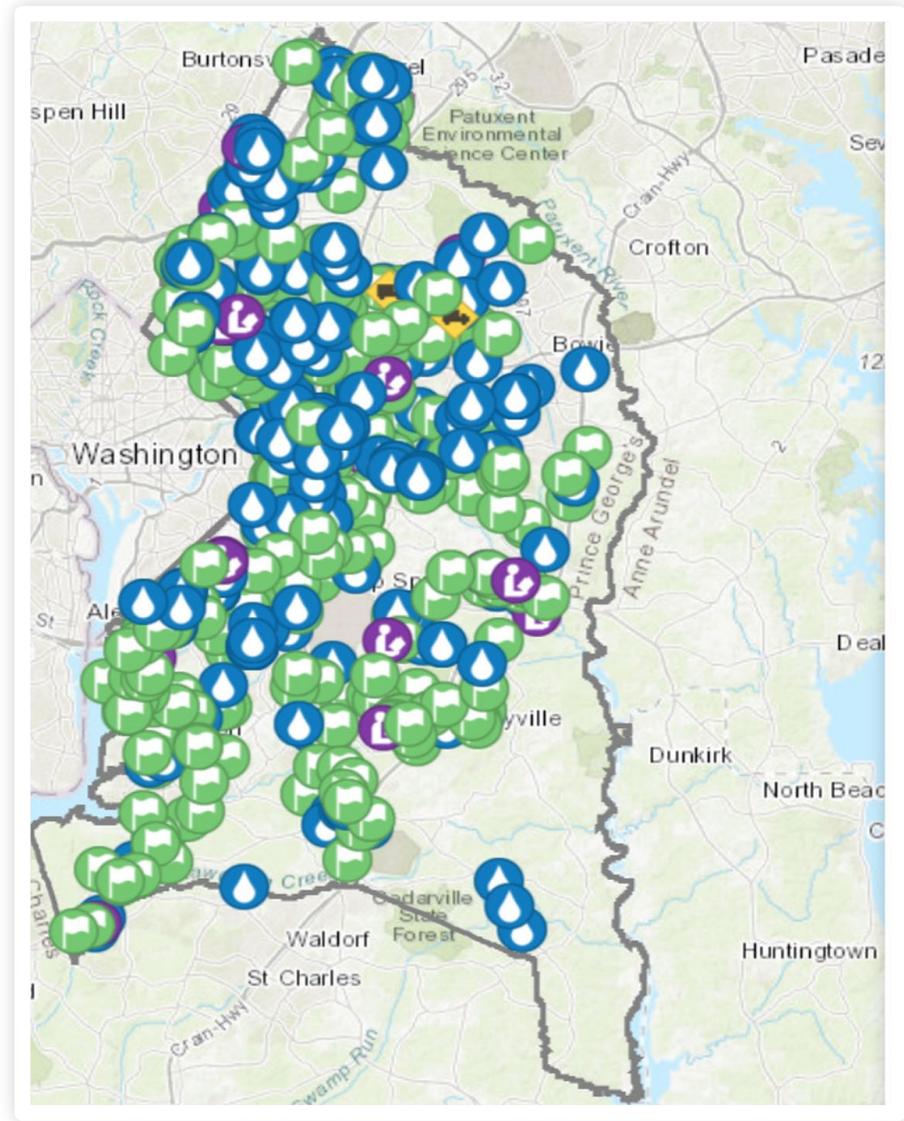
Service Offerings

- Planning
- Design
- Scheduling
- Construction & Construction Management
- Maintenance
- Community Engagement
- Capacity Building



CWP Program Performance

- **\$304.5M Spent – 428 Completed Projects**
4,658 Acre Credits to date
- **\$240M**
In Local (County Based), SWMBE & Veteran Owned Business Spending
- **79%**
Economic Inclusion
- **56%**
Over 508,411 Local Resident Workforce Hours completed
- **167,951**
Total LBS of Trash Removed by CWP Maintenance





WALDEN WOODS ELEMENTARY



TALL OAKS VOCATIONAL SCHOOL



WALDEN WOODS ELEMENTARY



The Treating & Teaching program was launched at Parkdale HS in 2016 with a grant from the Chesapeake Bay Trust, and the partners that initiated the program are still with the program today.

Mentor Protégé Program Performance

- **7 Cohorts – 61 Participants**
- **2020 Expansion Emerging Landscapers Program**
 - Building a local 30-year Maintenance Force
- **6 Months to 1 Year Enrollment**
- **25 Protégés - \$45M in Contract Awards**
 - 100% or greater increases in bonding
 - 50% or greater increases in lines of credit
 - Contract awards across the region
 - New equipment purchases
 - New lines of business established

***Exclusive Pilot Project selected each year for Protégés**



Stream Restoration

Cheverly East Stream Restoration: Update



Project Completion: 95%

Upcoming Activities

- Planting
- Surveying Repair Section
- Prepare as-builts

Final Approval Mar 2025 (anticipated)

Invasive Species Removal

Habitat Enhancement

Habitat Enhancement: Preserving Native Forest

Forested Area in good condition are know to be excellent filters for rainwater runoff. Additionally, fully functioning forest buffers provide:

- Wildlife Habitat
- Clean Air
- Needed cooling
- Improved stream habitat

Cheverly East is a ~9 acres parcel of land located inside the Capital Beltway. Improving and protecting this woodland will:

- Provided needed forested lands and greenspace for our urban spaces
- Contribute to the 51% tree canopy goal outlined in the Prince George's County General Plan
- Compliment the Cheverly Green Space Master Plan.
- Contribute more than 81 tons of carbon sequestration.

Habitat Enhancement: Project Goals

- Advance water quality goals
- Cost-effectively control and eradicate invasive species
- Prevent the spread of invasive species
- Early detection and rapid response
- Invasive species data collection



Habitat Enhancement: Project Schedule

Cheverly East Invasive Species Treatment - Conceptual Timeline*

TASKS	Dormant Season (Cutting vines and woody stems)		Spring Initial Treatment			Vegetation Removal and Hand Pulling				Dormant Season (Cutting Vines and Woody Stems)		
	January	February	March	April	May	June	July	August	September	October	November	December
1. Begin to address invasives. Sever vines at the base and cut woody plant material level with the ground.**												
2. As new growth emerges, use a focused foliar treatment to suppress new growth.												
3. Treat Invasives as needed. This includes hand pulling, additional focused foliar treatments and removal of vegetation from site.												
4. REPLANT if necessary. This is an excellent time of year to replant areas with native trees and shrubs to suppress and discourage invasive species from returning.										REPLANT	REPLANT	REPLANT
5. Review site and cut any remaining woody invasive stems and plants that may have missed in the initial cycle.												

**Most vines will stay in the trees and be removed later when they are completely dry. Woody shrubs can be removed. However, most protocols recommend that these woody "tops" be cut into smaller pieces and left to decompose on the property. I will get with RES to find out exactly how this will be addressed.

Flood Risk Reduction

Flood Risk Reduction: Background

- September 2020 Flood
- Grant Approved October 2024
- Grant Award \$1.6 Million (+\$500k match)
- Maryland Department of Emergency Management (FEMA)
- Better Understand Flood Risk Hazards
- Develop Flood Risk Solutions

Flood Risk Reduction: Grant Goals

- Project MDEM Kick Off
- Hazard Mitigation Plan Review
- Watershed Analysis
- Nature Based Solutions
- Design & Engineering Permitted Plans
- Benefit Cost Analysis
- Completion Fall 2027

Community Engagement

Co-Benefits to the Residents

Community Engagement: Co-Benefits to Residents

- Youth Environmental Education Exposure
- Invasive Removal Education
- County Resource Access
- Tree Planting Program
- Small Business Engagement

Next Up

Community Engagement: Next Steps

- Stream Closeout
- Habitat Enhancement Begins
- Flood Grant Kick Off
- Community Engagement Planning

Thank You!

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