Bird River

Small Watershed Action Plan (SWAP) Community Meeting #2

March 25, 2014

ACTIONS!
To Improve Water Quality in the Lower Patapsco SWAP Area

Bird River SWAP Community Meeting #2
March 25, 2014

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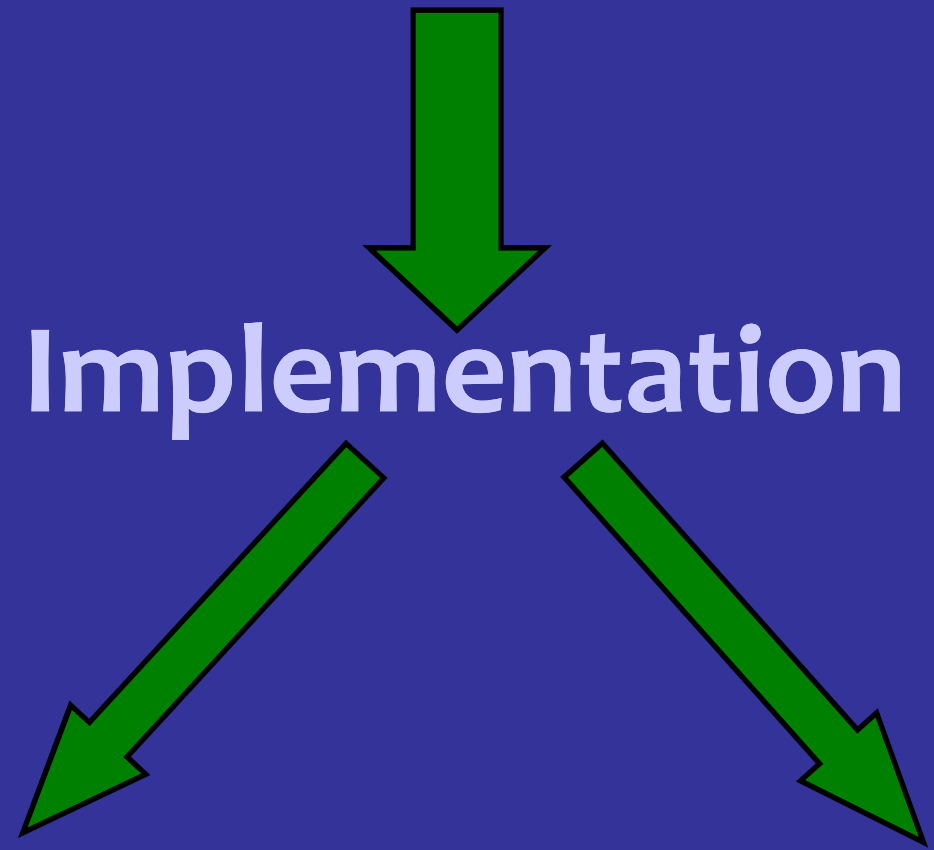
Baltimore County
Environmental Protection and Sustainability (EPS)

Small Watershed Action Plan

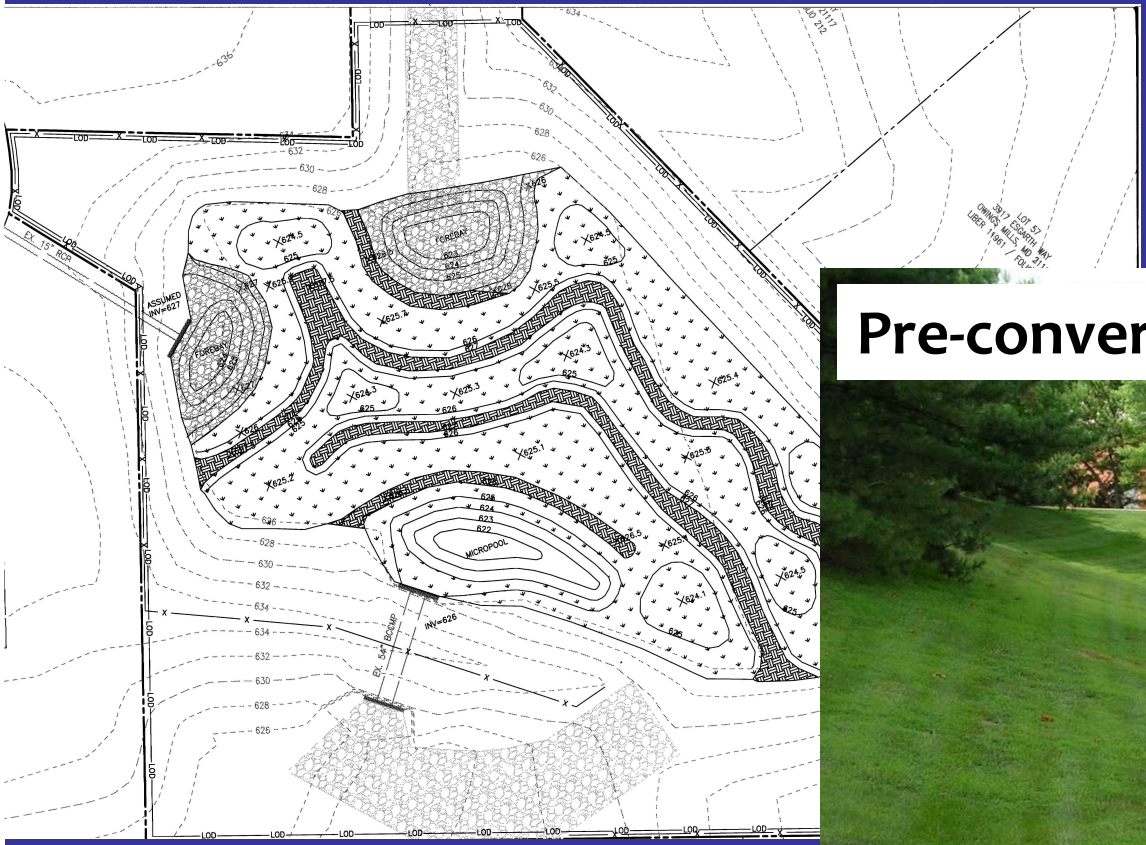


Municipal Actions

- Actions of Baltimore County government agencies
- Capital improvement projects managed by The Department of Environmental Protection and Sustainability (E.P.S.) & DPW

SWAP Implementation

Municipal Actions: *Storm Water Facility Conversions*



Improve nutrient and sediment reducing capabilities of the facility

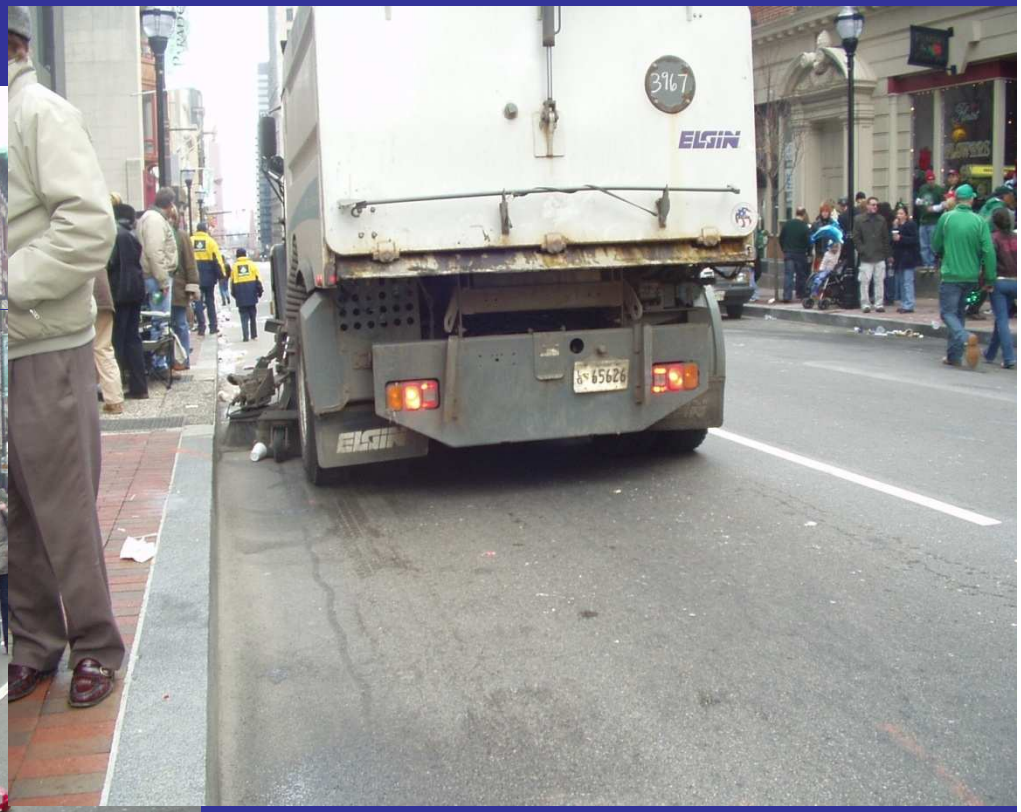
SWAP Implementation

Municipal Actions: *Stream Restoration*

SWAP Implementation

Municipal Actions: *Street Sweeping*

Baltimore County EPS to work with Public Works-Bureau of Highways



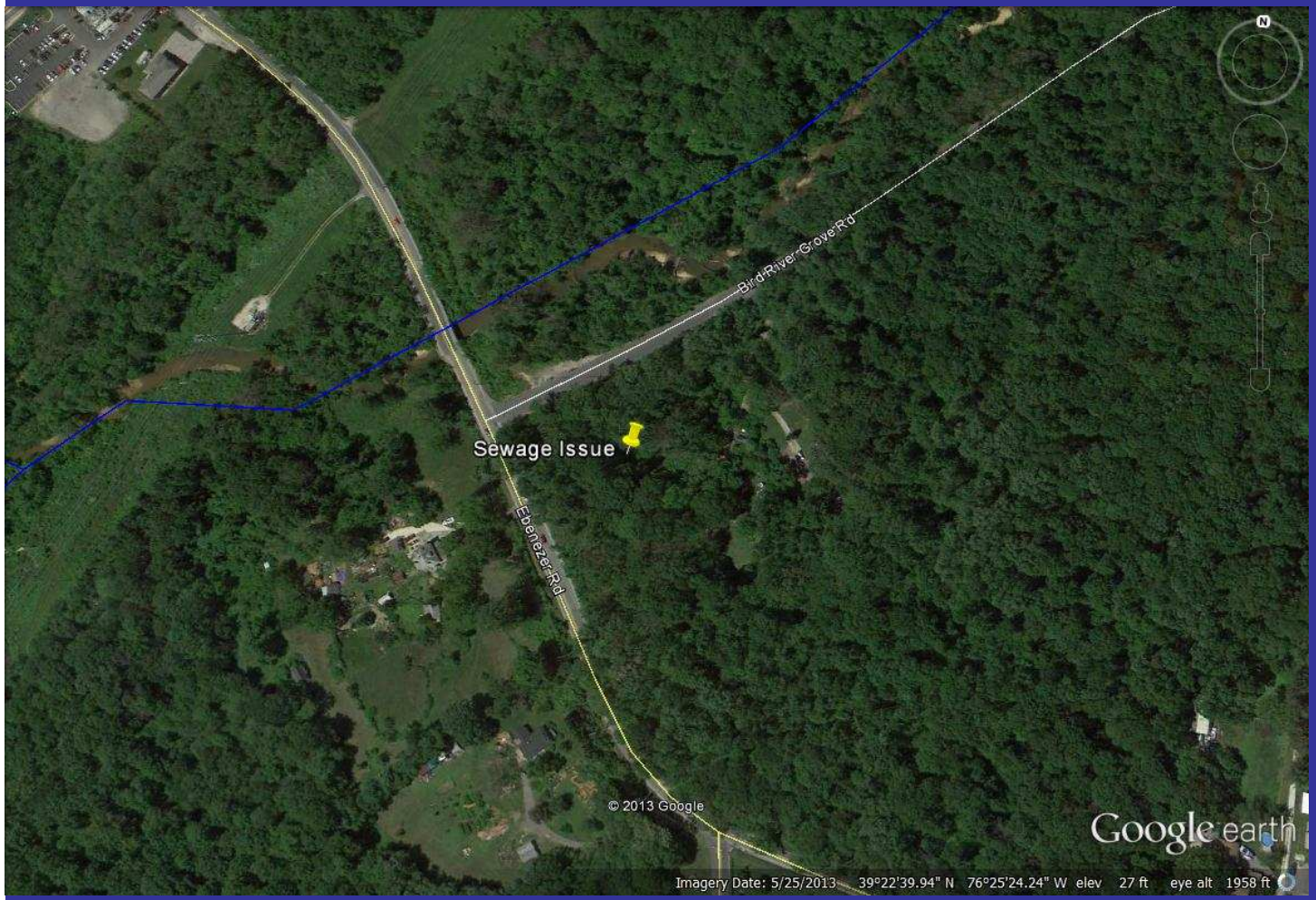
SWAP Implementation

Municipal Actions: *Sanitary Sewer Consent Decree*

USEPA and MDE issued a consent decree in 2005 to Baltimore County with goal of eliminating sanitary sewer overflows by 2020.

Follow Ups to Issues From Meeting #1

Sewage Issue



This pumping station has no recorded overflows. Stream sense signage due to overflows upstream at Reames Rd but no overflows from here since 2008 upgrade. To report problems contact Baltimore County Emergency Sewer Service Group: 410-887-7415.

SWAP Implementation

Municipal Actions: *Illicit Connection Program*

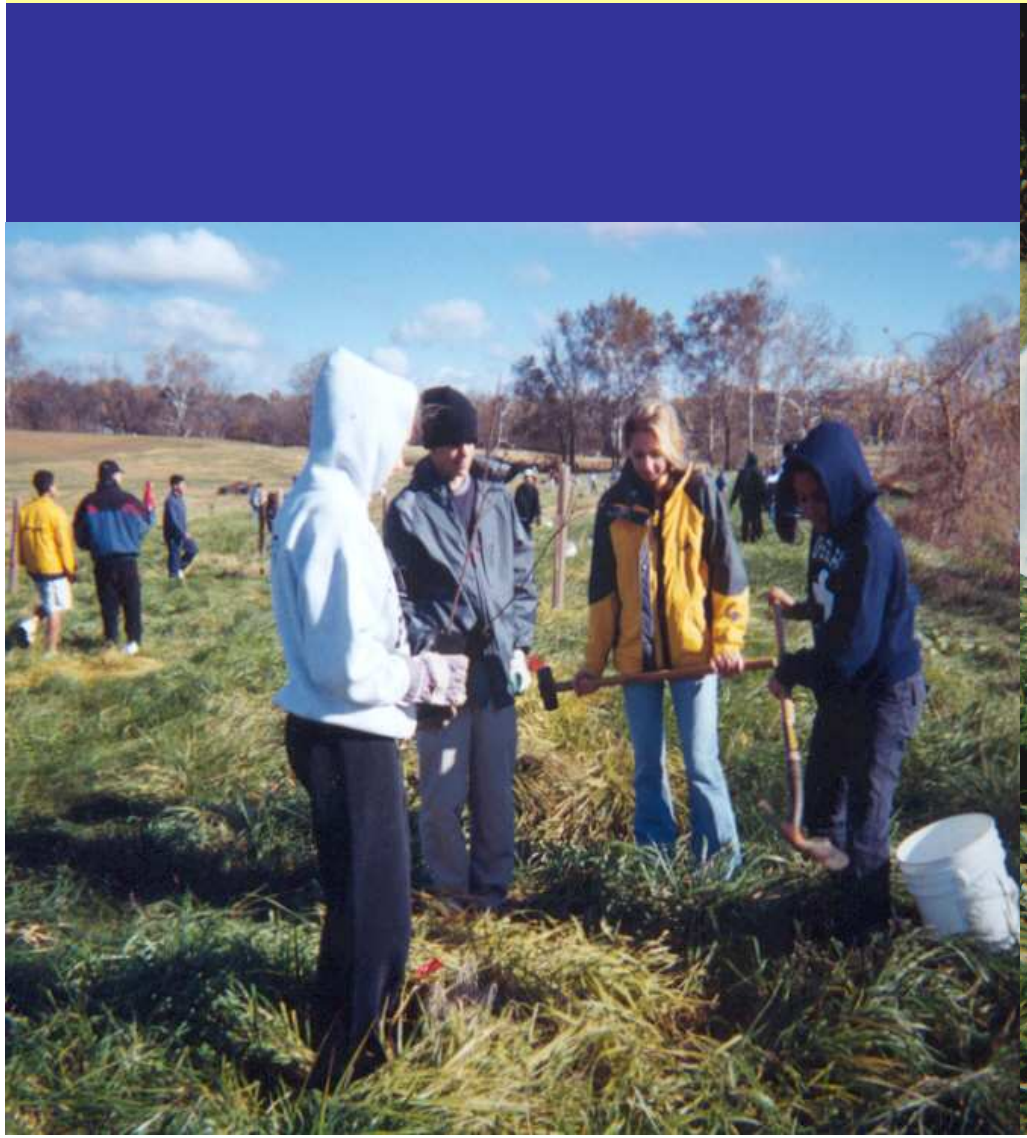
Test minimum 150 outfalls/yr for ammonia, chlorine, copper, phenols

Citizen Actions

- Actions with your community
- Actions with the GVC
- Actions in your neighborhood
- Actions at your own home

SWAP Implementation

Citizen Actions: *Tree Planting-Stream Buffers (100')*



SWAP Implementation

Citizen Actions: *Tree Planting- Open Spaces* (PAAs)

SWAP Implementation

Citizen Actions: *Storm Drain Marking*

SWAP Implementation

Citizen Actions: *Downspout Disconnection*

Simple Disconnects

SWAP Implementation

Citizen Actions: *Downspout Disconnection*

Rain Gardens

SWAP Implementation

Citizen Actions: *Downspout Disconnection*

Rain Barrels

SWAP Implementation

Citizen Actions: *Clean Ups*

SWAP Implementation

Citizen Actions: *Capital Projects*

SW retrofit/bioretention completed using grant funds

Overlook Park Bioretention

SWAP Implementation

Institutional Partnership Opportunities

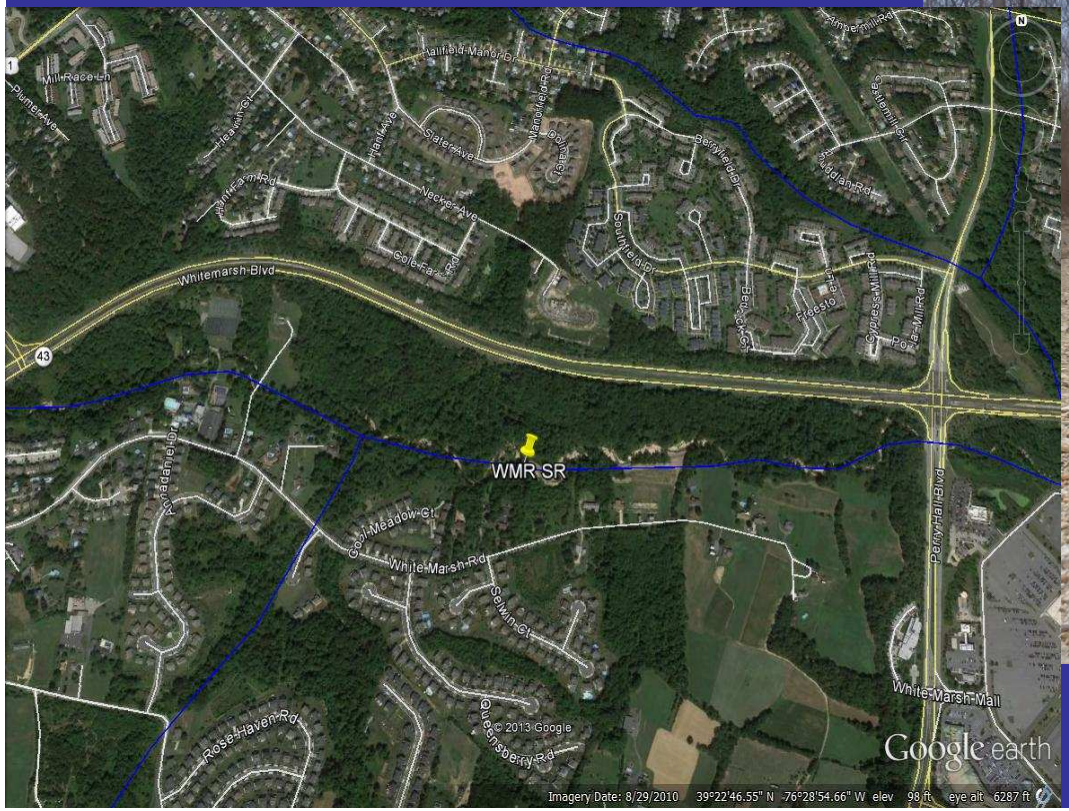
SWAP Implementation

Business Partnership Opportunities

New County Restoration Projects Underway in the Bird River SWAP Area!

White Marsh Run Stream Restoration & Sanitary Sewer Protection

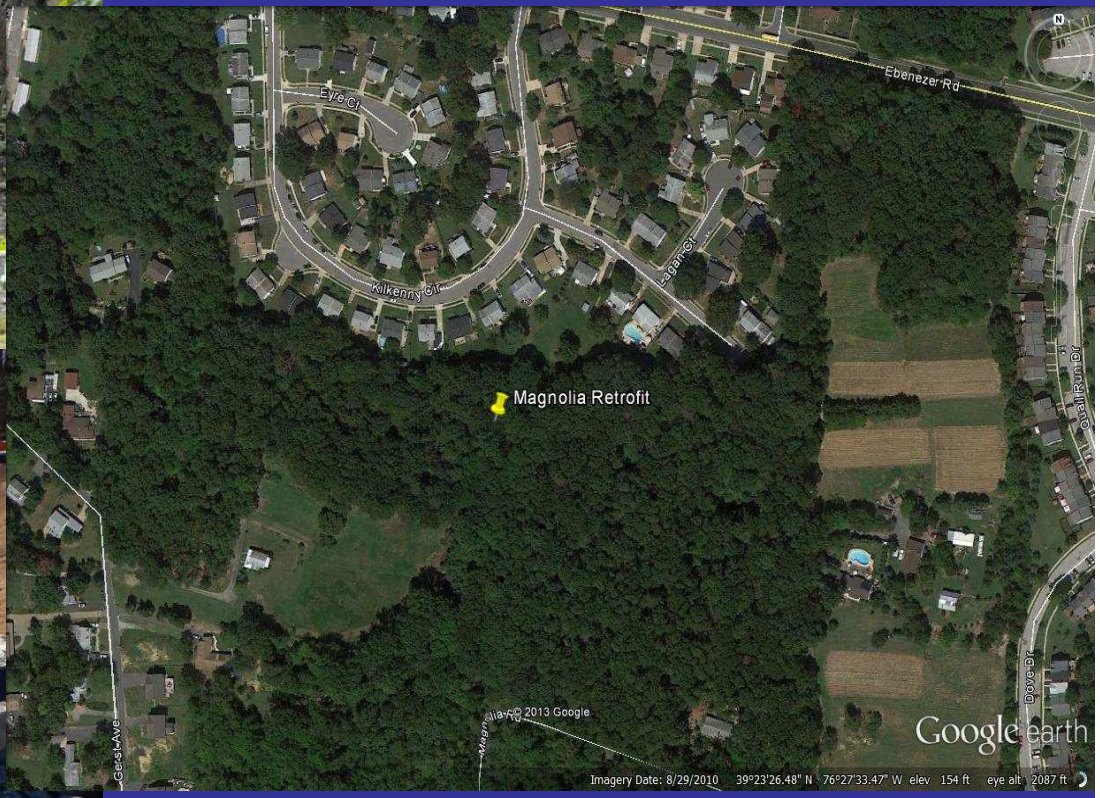
5,280 lf
construction: summer 2014



New County Restoration Projects Underway in the Bird River SWAP Area!

Magnolia Regenerative Stormwater Conveyance Project

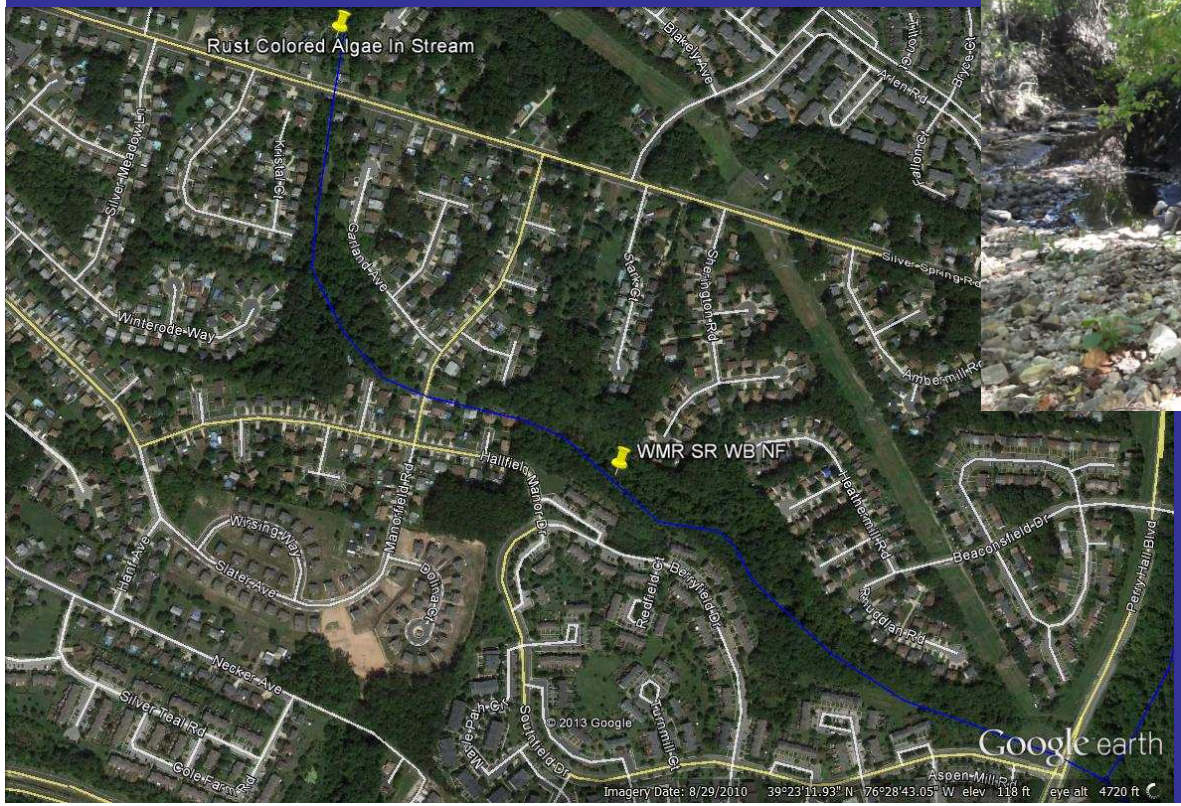
6.5 acre drainage area



New County Restoration Projects Underway in the SWAP Area!

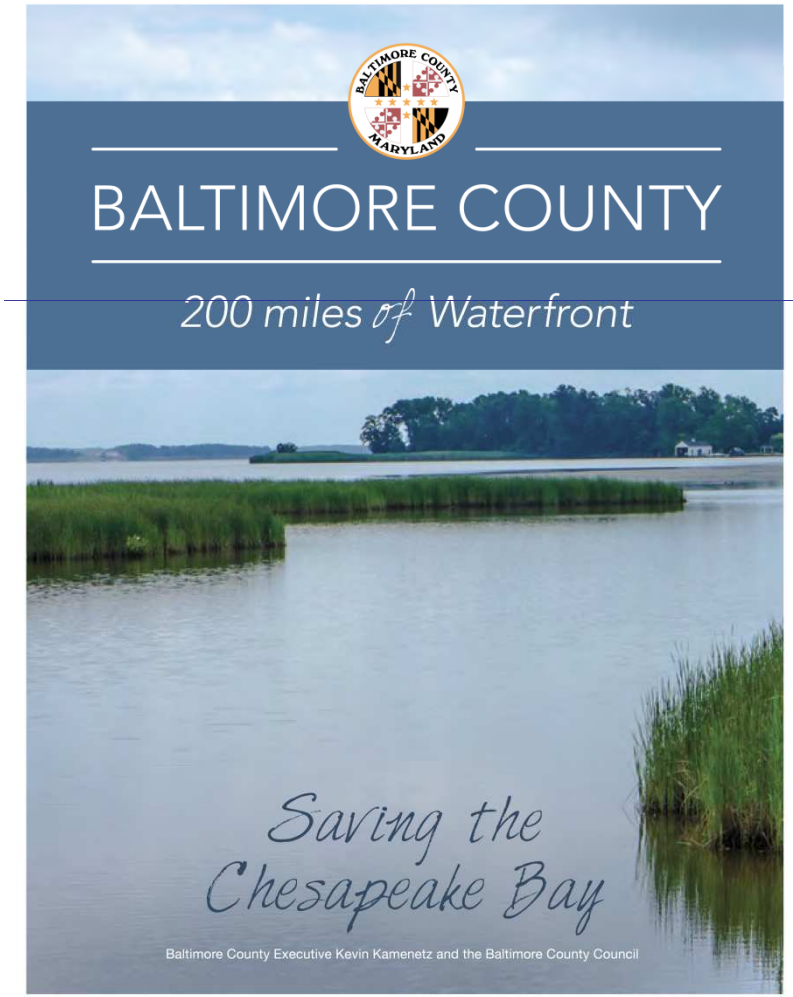
White Marsh Run Stream Restoration
West Branch of North Fork

8,000 lf
construction: summer 2015



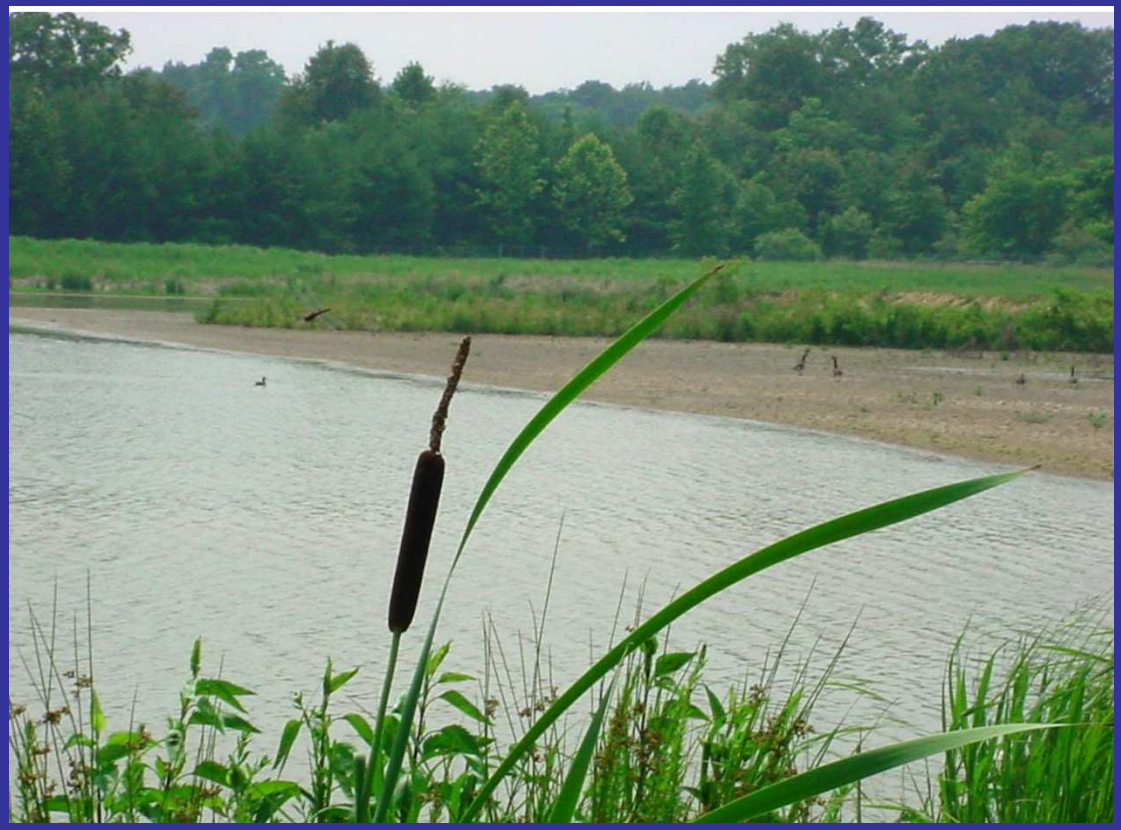
Baltimore County Stormwater Fee

http://resources.baltimorecountymd.gov/Documents/Environment/stormwaterfeerpt140123.pdf



Proposed Bird River Projects:
3 pond conversions, 5 reforestations, 1 BMP

Bird River SWAP



www.baltimorecountymd.gov/birdriver

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