RESOLUTION NO. 2113

A RESOLUTION OF THE CITY OF SALISBURY ACCEPTING FUNDS AWARDED THROUGH A GRANT FROM THE NATIONAL FISH AND WILDLIFE FOUNDATION FOR A COLLABORATIVE INITIATIVE BETWEEN THE CITY OF SALISBURY, THE CENTER FOR WATERSHED PROTECTION AND THE WICOMICO CREEKWATCHERS TO DEVELOP A RESTORATION IMPLEMENTATION PLAN FOR THE WICOMICO RIVER WATERSHED AND TO AUTHORIZE THE MAYOR TO SIGN ALL DOCUMENTS NECESSARY FOR THE RECEIPT OF SAID FUNDS.

WHEREAS, the City of Salisbury, in collaboration with the Center for Watershed Protection and the Wicomico Creekwatchers, applied for grant funding under the National Fish and Wildlife Foundation's Small Watershed Grant program; and

WHEREAS, the City of Salisbury and its collaborative partners applied for funding to develop a restoration implementation plan for the Wicomico River watershed. The project will determine specific strategies to meet target pollution load reductions established by the Chesapeake Bay Watershed Implementation Plan for Wicomico County; and

WHEREAS, a pass through grant for the Center for Watershed Protection, in the amount of $75,000.00, was awarded to the City of Salisbury with in-kind match requirements of $24,750.00. The City of Salisbury will provide in-kind match in the amount of $14,000.00, of which $1,000.00 may be a cash match for development of a Public Service Announcement, and Wicomico Creekwatchers will provide in-kind match in the amount of $10,750.00.

NOW, THEREFORE, BE IT RESOLVED, on this 24th day of October, that the City Council of the City of Salisbury, Maryland does hereby accept the funds awarded from the National Fish and Wildlife Foundation in the amount outlined above; and

BE IT FURTHER RESOLVED, that Mayor James Ireton, Jr. is authorized and empowered to execute any and all documents required for receipt of said funds.

THE ABOVE RESOLUTION was introduced and duly passed at a meeting of the City Council of the City of Salisbury, Maryland held on October 24, 2011, and is to become effective immediately.

ATTEST:

Brenda J. Colegrove
CITY CLERK

Terry E. Cohen
COUNCIL PRESIDENT

APPROVED BY ME THIS
25th day of October 2011

James Ireton, Jr.
Mayor

INTER

OFFICE

MEMO

OFFICE OF THE MAYOR

To: John Pick

From: Loré L. Chambers, Ph.D. (Candidate) LLC

Subject: Resolution to Accept National Fish and Wildlife Grant

Date: October 12, 2011

Attached is a resolution to accept funding awarded through the City of Salisbury to the Center for Watershed Protection in the amount of $75,000.00. These funds are to be utilized to develop a restoration implementation plan for the Wicomico River Watershed. The project will determine specific strategies to meet target pollution load reductions established by the Chesapeake Bay Watershed Implementation Plan (WIP) for Wicomico County.

This grant is a collaboration between the City of Salisbury, the Center for Watershed Protection, and Wicomico Creek Watchers. The City of Salisbury and the Wicomico Creek Watchers will provide in-kind match as follows:

- City of Salisbury - $14,000.00 ($1,000 may be cash to develop a Public Service Announcement). Salisbury will provide contract and grant administration, production of a public service announcement related to the project, meetings space, feedback for plan development, and assist with coordinating field assessments.

- Wicomico Creek Watchers - $10,750.00. Wicomico Creek Watchers will provide water quality monitoring program, data to be used for proposal baseline assessment and project tracking, volunteer time, staff time, water sample analysis, lab space, supplies and report preparation.

Also attached is a list of Wicomico River Project Goals. Please forward this information to the City Council for inclusion on the October 24, 2011, agenda.

Attachments

cc: James Ireton, Jr., Mayor

WICOMICO RIVER PROJECT GOALS

1. Engage school-aged populations (through schools and neighborhood associations) while integrating the Maryland Science Curriculum into field trips and ecological experiences on the Wicomico River

2. Highlight and inform the public of best practices in fertilizing of lawns and disposal of animal waste through public awareness campaigns

3. Beautify the Wicomico River

4. Integration of long-term reporting by Creekwatchers recommendations as they apply to the Upper and Lower Wicomico River, North and East Prongs of the Wicomico River, and Johnson's Lake, Brewington Branch, Leonards Mill Pond, Parker, and Schumaker Pond

5. Advocate for the City of Salisbury Environmental Task Force Report that includes recommendations regarding the Wicomico River, stormwater utility, sustainability, etc.

6. Advocate for Living Shoreline additions and natural filters on the Wicomico River and area lakes and ponds to reduce runoff into the Wicomico River

7. Initiate eco-tourism activities and expand recreational uses on the Wicomico River

8. Engage civic and community organizations in awareness of river health

9. Integrate the Wicomico River into the revitalization of Downtown Salisbury

10. Initiate an "Adopt the Wicomico River" cleanup and preservation program

11. Advocate for Salisbury Environmental Task Force recommendations to organize, manage, and finance solutions to urban storm and surface water runoff

12. Promote and use best practices to control local goose population

13. Support existing area conservation groups and create partnerships with them whenever possible

Citizens interested in volunteering can do so through ShoreCAN located at the Community Foundation of the Eastern Shore: 410-742-9911 or Salisbury Mayor Jim Ireton's office: 410-548-3100

Last updated: October 7, 2010

Wicomico Watershed Planning

Project Overview

Lori Lilly

Watershed Ecologist / Planner

Why do watershed planning?

- Regulatory
  - National Pollution Discharge Elimination System (NPDES)
  - Total Maximum Daily Loads (TMDLs)
  - CWA Antidegradation Policy
  - Wetlands and Floodplains
  - Safe Drinking Water Act
  - Endangered Species Act
- Local
  - Link to comprehensive planning and greenways
  - Protect water supply
  - Address flooding complaints
  - Protect commercial and recreational amenities
  - Align with local program goals & ordinances
  - Plan Capital improvement budget

Common Outcomes of Watershed Planning

Actions

- Adopt/update development regulations
- Conserve or acquire critical lands
- Improve watershed awareness & stewardship
- Integrate restoration efforts into municipal operations
- Create a watershed organization

Projects

- Plant trees in buffers
- Construct stormwater retrofits
- Stabilize streambanks
- Fix illicit discharges
- Maintain/repair clogged culvert

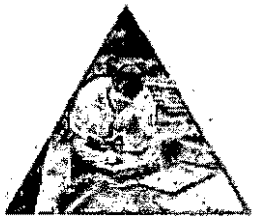
Other

- **Enhance** local capacity to manage watershed development
- **Improve** or **maintain** quality of water resource (hopefully)

Common Watershed Planning Elements

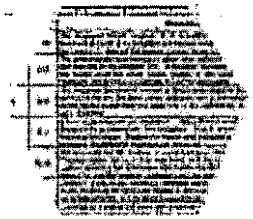
Desktop Analysis

- Land use/Impervious Cover Analysis
- Evaluate Local Regs & Programs
- Pollutant Load Modeling



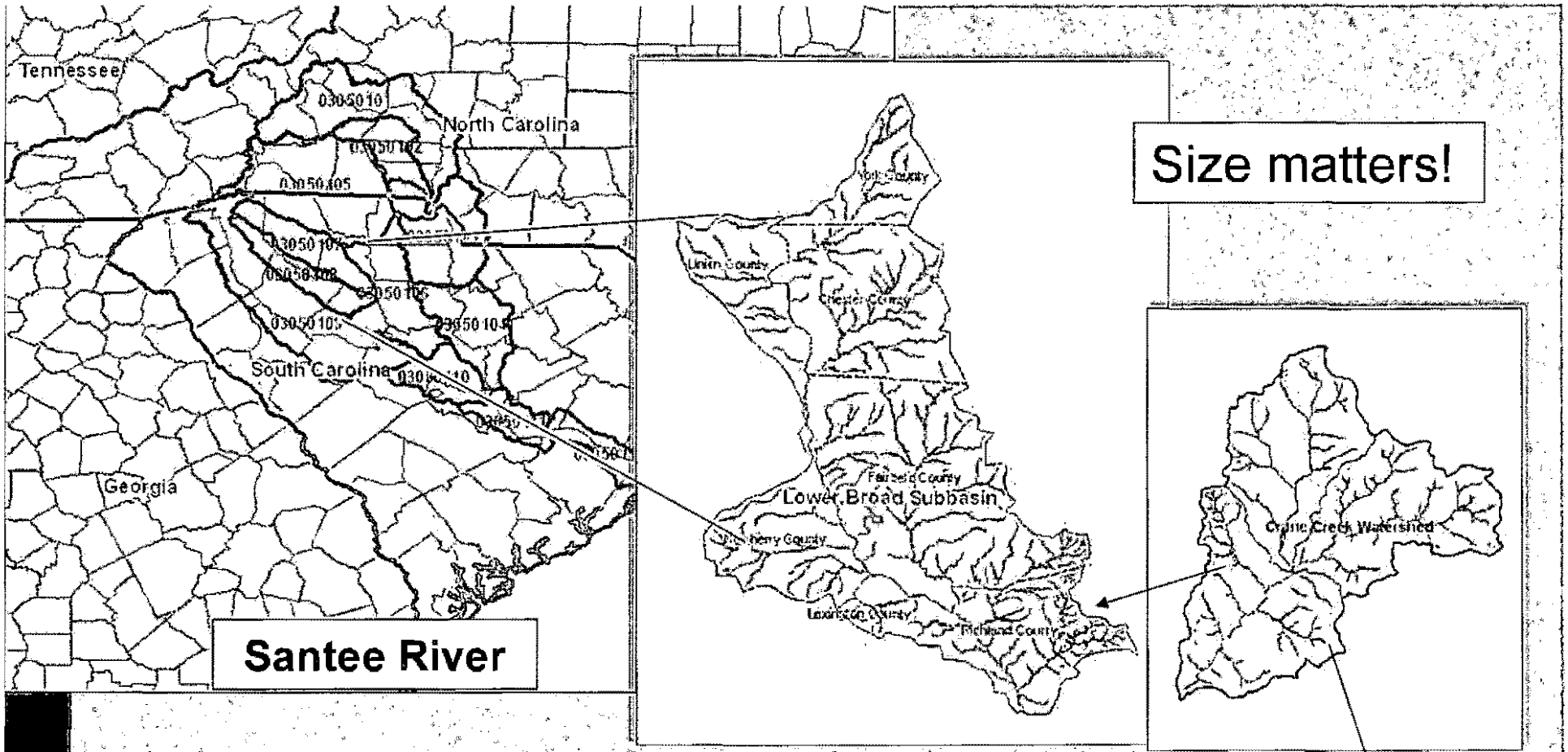
Field Assessment

- Stream Assessments
- Pollution Prevention Inventory
- Conservation Area Assessments
- Stormwater Retrofit Inventory



Writing and Talking

- Stakeholder Meetings
- Baseline Assessments
- Project Ranking Process
- Draft/Final Watershed Plan



HUC 6 Basin = 15, 300 sq mi

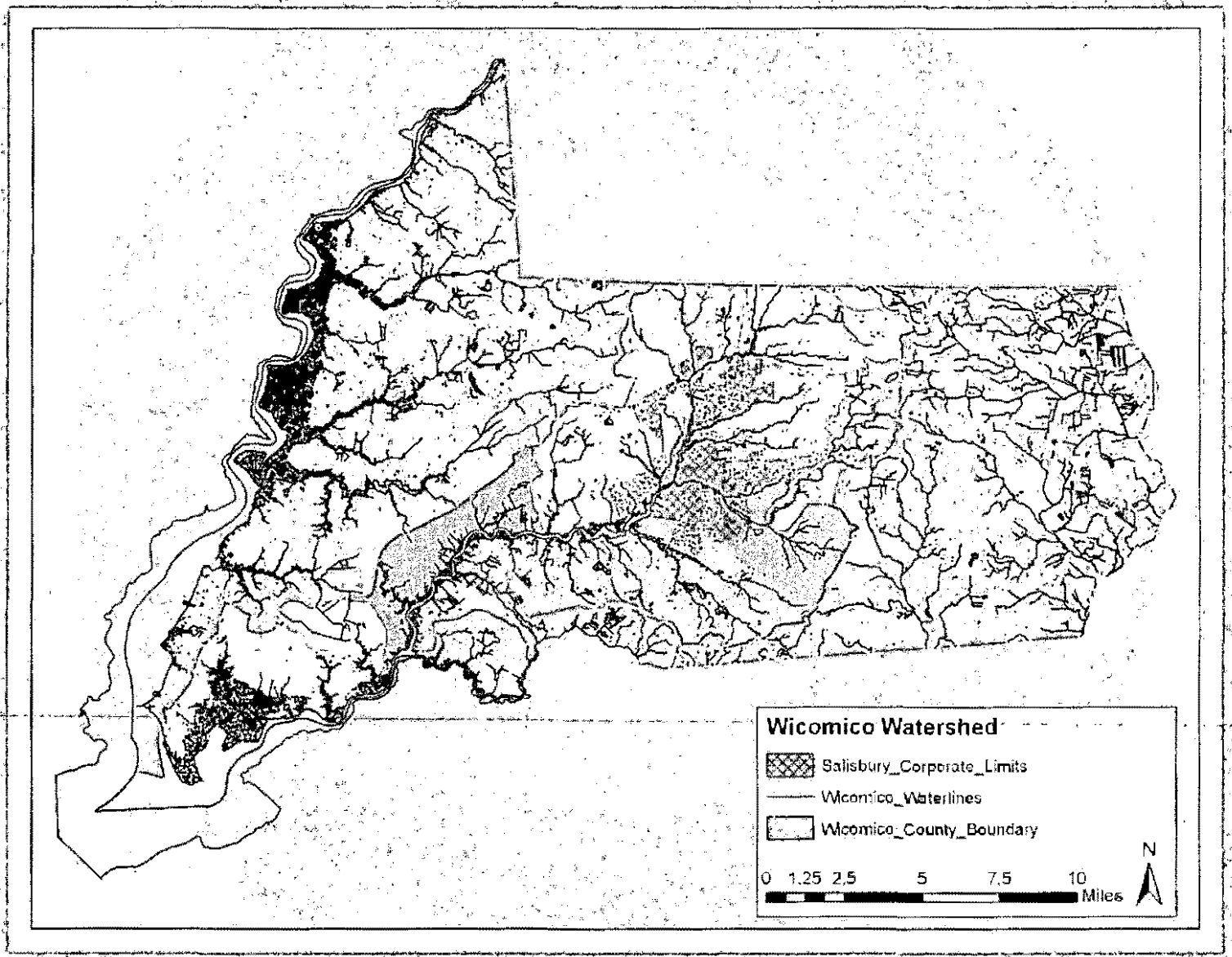
HUC 8 Subbasin = 1,290 sq mi

Crane Creek Watershed = 67.46 sq mi

Lower Crane Creek Subwatershed = 23.6 sq mi

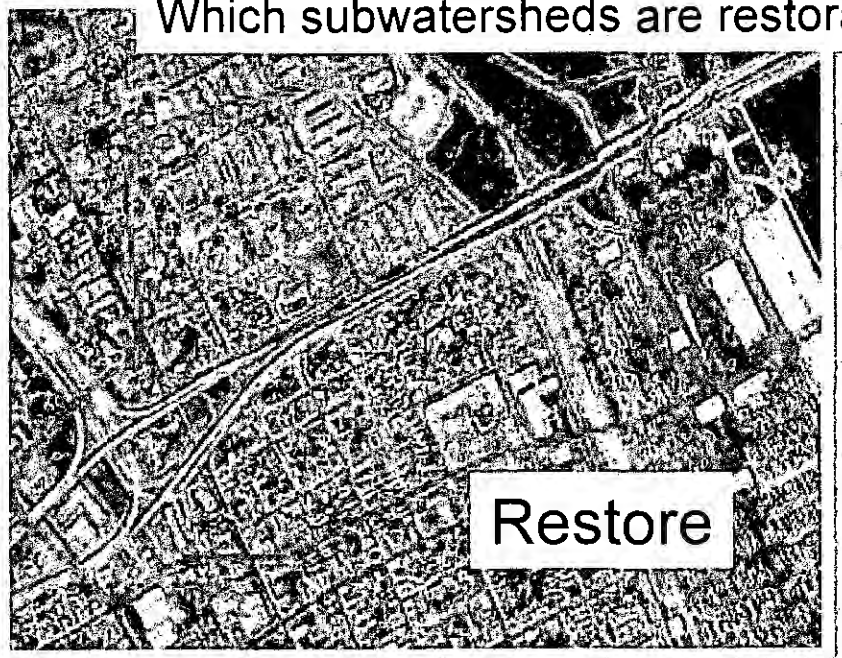
Center for Watershed Protection

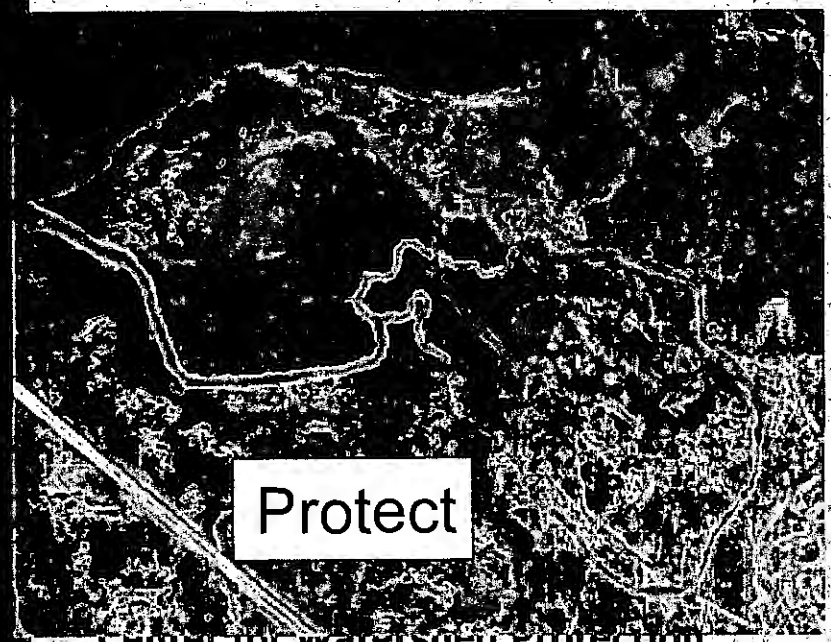
(Some of the) Wicomico Watershed

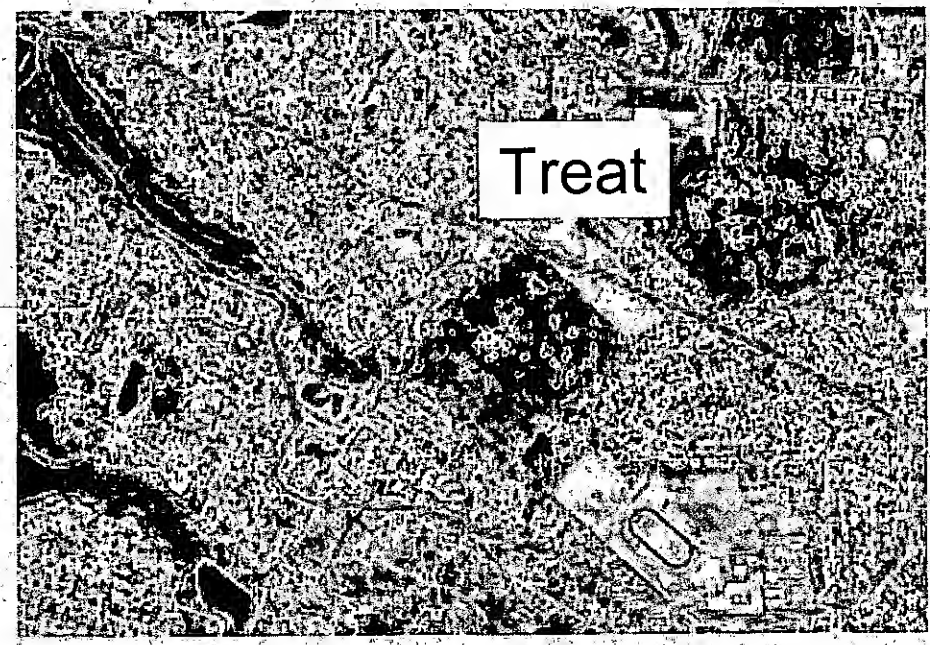


Center for Watershed Protection

Which subwatersheds are restorable and which ones are best to protect?







Center for Watershed Protection

Estimate Pollutant Loads

- "Nutrient accounting" is required as part of Bay TMDL, Tributary Strategies, NPDES MS4 permits, local TMDLs
- Which tributaries are the biggest culprits
- Estimate pollutant loads for current watershed conditions and future land use scenarios
- Simple or complex models can be used

Searching for Opportunities

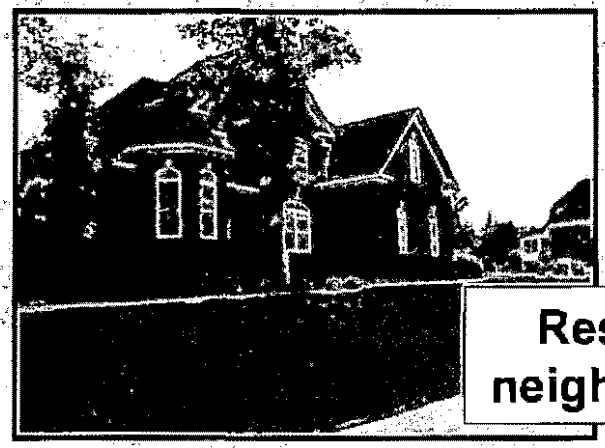
Field Assessments

Stream Corridor Assessments

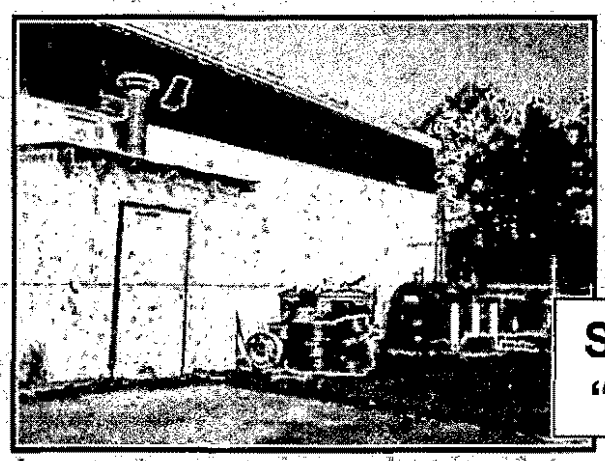
- Stream habitat/biological assessments
- Geomorphic assessments
- Wetlands inventory
- Continuous stream walks
- Flood plain evaluations
- outfall inventory
- others

Upland Assessments

- Done in combination with stream assessments
- Identify potential pollutant sources and restoration projects

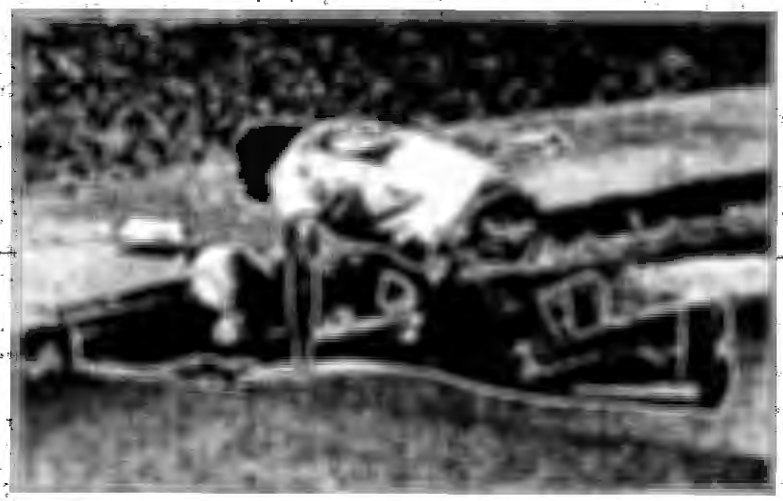


Residential neighborhoods



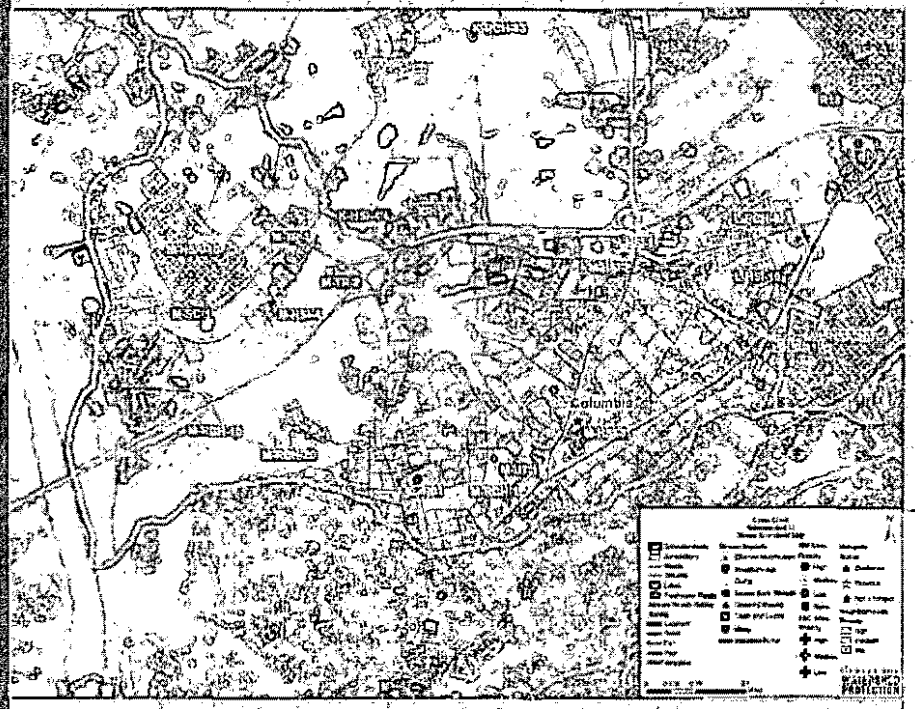
Stormwater "hotspots"

Stormwater Retrofits

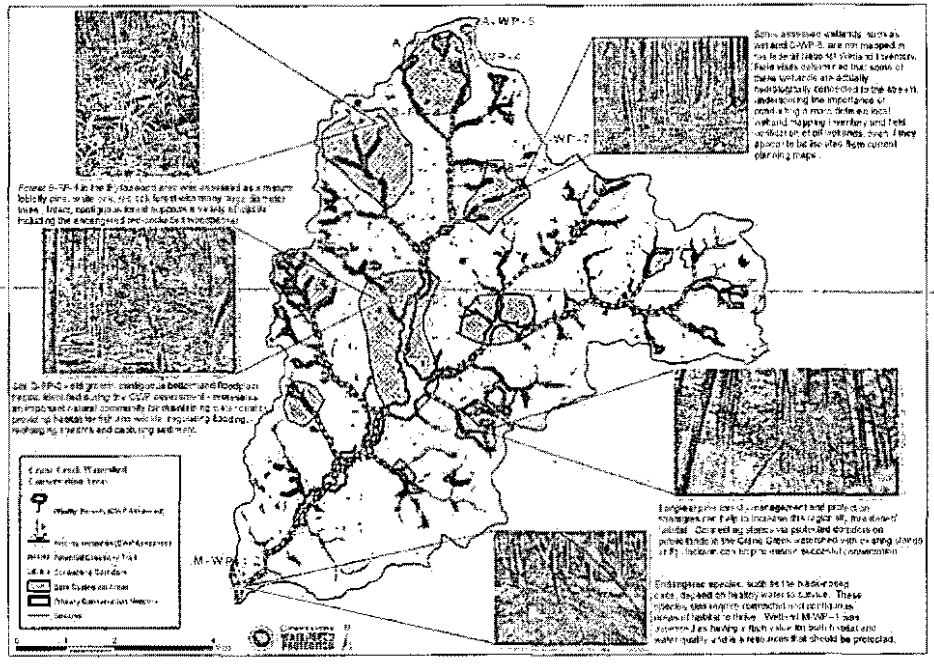


Stormwater retrofits are stormwater management practices in locations where stormwater controls did not previously exist or were ineffective

Conservation & Restoration Projects



Identified projects ranked on a number of factors such as cost, feasibility, community involvement, pollution reduction, etc.



Center for Watershed Protection

Stakeholder Involvement

- Solicit input on priorities and implementation strategies
- Review draft plan
- Buy-in from key implementation partners
- Consensus on priority actions
- Advocate for implementation

The Watershed Plan

Watershed plan recommendations:

- Priority protection and restoration projects
- Regulatory and programmatic changes
- Land use changes and management approaches

Map of project locations

Implementation plan!!!

1. Schedule
2. Costs
3. Responsible parties
4. Next steps

This is EPA's biggest focus area for watershed plan criteria

Implementing the Plan

- Devise a strategy for getting the plan adopted so it doesn't sit on the shelf
  - No universal method for adoption
  - Must involve elected officials, local staff, regulators, media, and stakeholders
- Funding
- Training staff, contractors, etc
- Educating watershed citizens