


Upper Wolf Creek Technical Advisory Committee

Monday, September 12th, 2005
Winery at Wolf Creek

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Upper Tuscarawas River
Watershed Coordinator



Agenda

- **Welcome**
 - Introductions
- **Action Plan Review**
 - What are We Updating
- **New Watershed Guidelines**
 - Appendix 8 & State Endorsement
- **Group Discussion**
 - What's Occurred Since the Plan Came Out
 - What Information Needs to be Updated
- **Next Step**
 - Update Schedule and Next Meeting

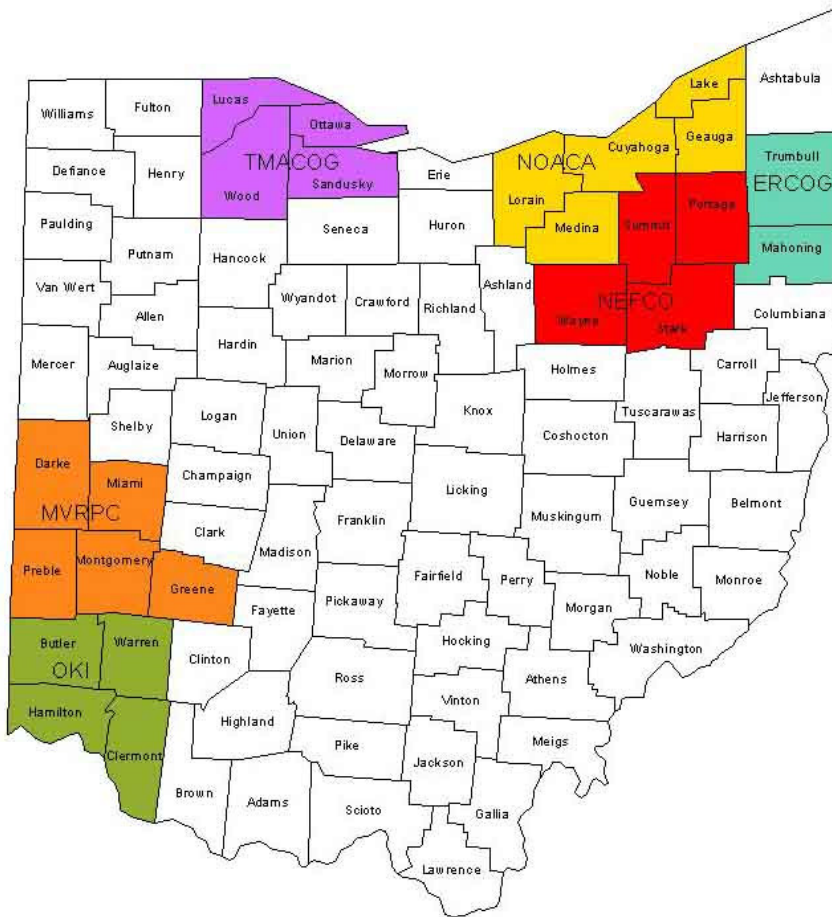


Welcome!

- **Purpose:** Update the Wolf Creek Comprehensive Watershed Management Plan so it is more beneficial to local stakeholders in protecting and restoring local water resources.
 - Up-to-date Information
 - More User Friendly (more maps, less text)
 - Locally Driven
 - Endorsable by the Ohio EPA and ODNR
 - Focused, Prioritized Actions
 - Source Water Protection
- **Meeting Goal:** Clear Direction for the Watershed Plan Update.

NEFCO

Areawide Planning Agencies: Partners in Managing Ohio's Water Resources



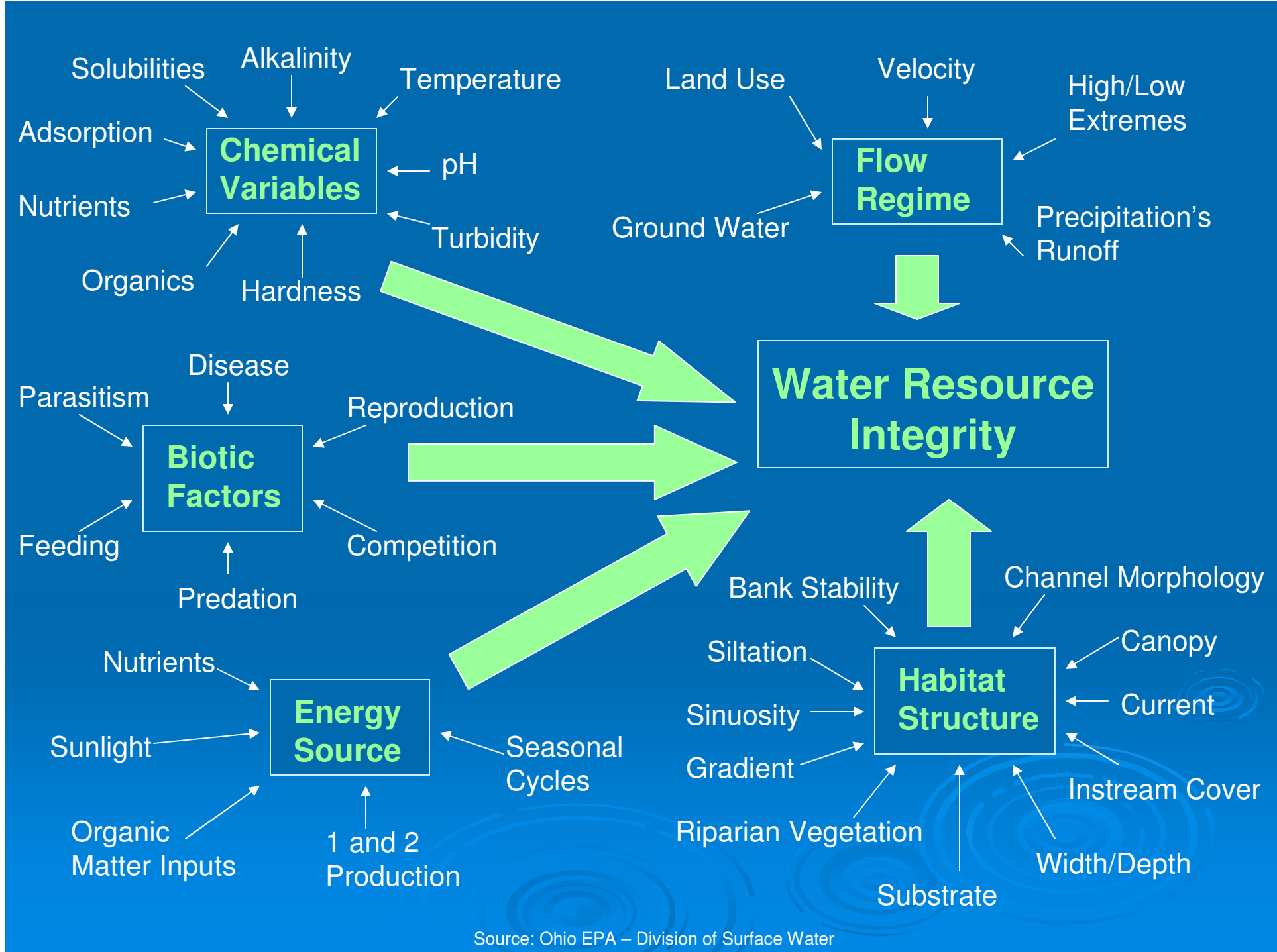
- One of Six Areawide Planning Agencies in Ohio
- Designated Water Quality Management Agency
- Regional Economic Planning
- Can Go Beyond Political Boundaries
- Voluntary Membership

Why Do Watershed Planning?

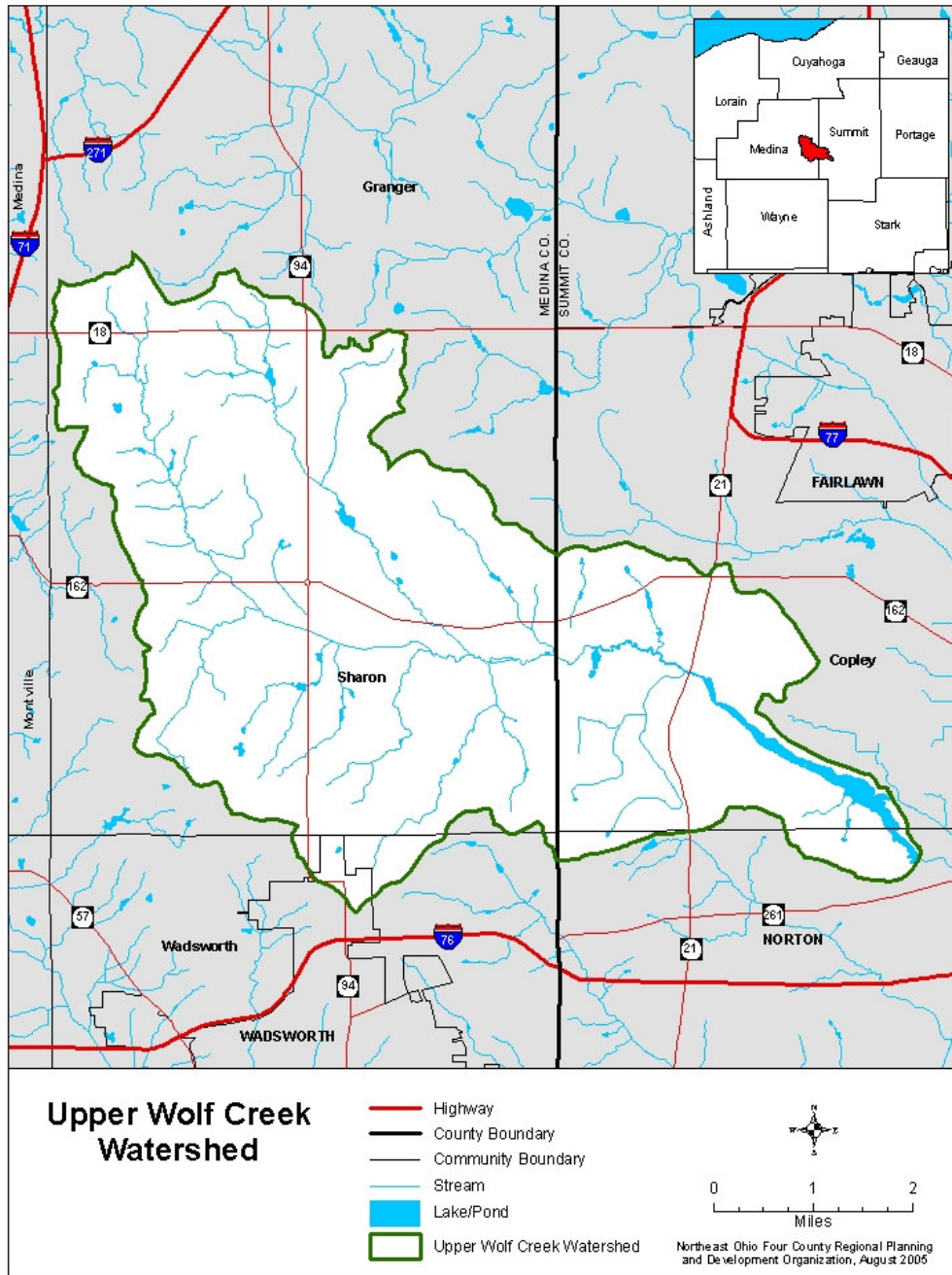
- Itemizes the Problems, Priorities, and Activities
- Focus and Integrate
- Pooling of Resources
- Holistic
- Locally Tailored for Your Unique Watershed

GOAL: Protect & Restore Water Quality





Source: Ohio EPA – Division of Surface Water



Upper Wolf Creek Watershed

- 18,062 Acres
- Medina and Summit Counties
- Barberton Reservoir
- Source (Drinking) Water for the City of Barberton
- Mid-Continental Divide

Ohio EPA Water Quality Report

- No Section of the Upper Tuscarawas River is Fully Meeting State Water Quality Standards
- Impaired for Recreational Use - Bacteria
- Fish Consumption Advisory - PCBs
- Currently Being Sampled as Part of Ohio EPA's TMDL Program
- Results Due in Early 2006

NEFCO's History in the Basin

- **1997:** Watershed Management Plan Phase I – Diagnostic Report
- **1999:** Phase II – Watershed Monitoring
- **2000:** Ohio EPA Section 319 Grant – Septic Systems, Maure Management, Education, & Habitat Protection
- **2001:** Upper Tuscarawas River Watershed Coordinator Grant

Diagnostic Report: Summary

I. Physical Geography

- Topography, Bedrock, Soils

II. Potential Pollution Sources

- Land Use, Water Quality, Point Sources, Critical Areas for Nonpoint Sources

III. Riparian Inventory

- Critical Disturbed and Intact Habitat

IV. Best Management Practices

V. Technical Advisory Committee

VI. Recommendations – Hand Out

Watershed Monitoring: Summary

- **Chemical Monitoring: 11 Sites for 1 Year**
 - Phos., Nitrogen, TSS, Iron, BOD, Fecal Coliform, E. Coli, Temp., pH
 - Monthly Samples Collected
- **Macroinvertebrate Monitoring at 4 Sites**
- **Results:**
 - Chemical: No unusually high levels with highest results after rain events.
 - Macro: 3 “Excellent” and 1 “Fair”
- **Overall Good Results**

Section 319 Grant: Summary

➤ Goals:

- Reduce Phosphorus Loads by 1,000 lbs./yr.
- Preserve 25 Acres of Riparian Habitat

➤ Phosphorus Reduction

- Manure Management
- Septic System Repair and Replacement

➤ Riparian Habitat Preservation

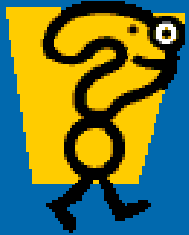
- Conservation Easements

➤ Results:

- Mixed
- 26 Septic Systems Repaired or Replaced
- No Manure Management and Riparian Preservation Projects
- Monitoring Results = No Change

Total Maximum Daily Load (TMDL)

- Ongoing by Ohio EPA
- 4 Sites Being Monitored
 - St. Rt. 162 – Macroinvertebrates
 - State Rd./Ridge Road - Macroinvertebrates
 - Summit Rd. - Macroinvertebrates
 - Snyder Ave. – Fish and Macroinvertebrates
- Should I.D. Sources and Causes of Impairments
- Computer Modeling
- Due out in early 2006



Why Update?

Since the Action Plan was Completed:

- Summit County's Setback Ordinance
- Storm Water NPDES Permit Phase 2
- Summit Parks Wetland Wetlands Inventory
- Ohio River Basin Clean Water Plan (NEFCO)
- Summit County's Natural Resource Inv.
- Ohio EPA Water Quality Survey (TMDL)
- Other Local Initiatives
- New State Guidelines for Action Plans!

State Action Plan Guidelines

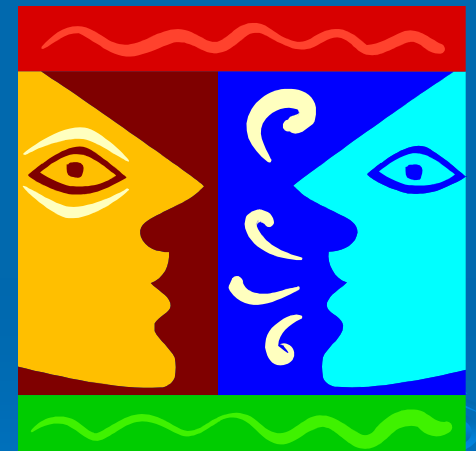
- Developed in 2002 and 2003
- Appendix 8 and Endorsement Guidelines
- Help Ensure Plans Being Produced by Watershed Groups Addressed Known Problems
- Work in Smaller Areas (Subwatersheds)
- Link Actions to Water Quality Information
- Pollution Reduction Computer Modeling

Why Get Endorsed?

- It's Been Proven to Work!
- Linked to Outside Funding:
 - Ohio EPA Section 319 Grants
 - WRRSP
 - Linked Deposit
 - EQUIP
- Upper Wolf Creek Comprehensive Watershed Management Plan **DOES NOT** Meet the New Guidelines

Possible Discussion Topics:

- What Information Needs Updating
- What Information is Missing
- Local Water Quality Problems
- Desired Actions
- Logical Next Step
- Lessons Learned
- Plan Format
- Public Involvement



Next Step

- Update Schedule:
 - Goal is to be completed by Jan. 2006
- Future Meeting Topic:
 - TMDL, MWCD, Phase 2
- Website for Update Information:
 - www.uptuscwatershed.org/wolf_tac.htm
- Next Meeting:
 - Monthly?