

# Implementing Red Cedar Nutrient/Sediment Reductions Through Farmer-Led Councils 3/14/13

Pete Kling

St. Croix County UWEX

715-531-1941

[pete.kling@ces.uwex.edu](mailto:pete.kling@ces.uwex.edu)

Dan Prestebak

Dunn County Land  
Conservation

715-232-1496 ext. 2

[dprestebak@co.dunn.wi.us](mailto:dprestebak@co.dunn.wi.us)

Julia Olmstead

UWEX

715-531-8869

[Julia.olmstead@ces.uwex.edu](mailto:Julia.olmstead@ces.uwex.edu)

# Outline

- Pete Kling
  - Watershed Management and Civic Engagement
- Julia Olmstead
  - Red Cedar/St. Croix Farmer Led Councils
- Dan Prestebak
  - What's Happening in Dunn County

# *Authentic Civic Engagement\**

- “Making resourceFULL decisions and taking collective action on public issues through processes of public discussion, reflection and collaboration”

\*Source: Barbara Radke, UM-Extension  
[www.extension.umn.edu/community](http://www.extension.umn.edu/community)

# Watershed Management

- Reduce Nutrient and Sediment Runoff Pollution Entering Lakes/Rivers/Streams
- Multi-Agency Approach
  - Federal, State, Local
- Priority Watersheds
  - Technical assistance and cost share dollars
- Is it working?

# *Authentic Civic Engagement\**

- Conveners
  - Credible data, appropriate people, and constructive process
- Community
  - Role, how communication will occur, and who will be engaged

# *Authentic Civic Engagement\**

1) Prepare

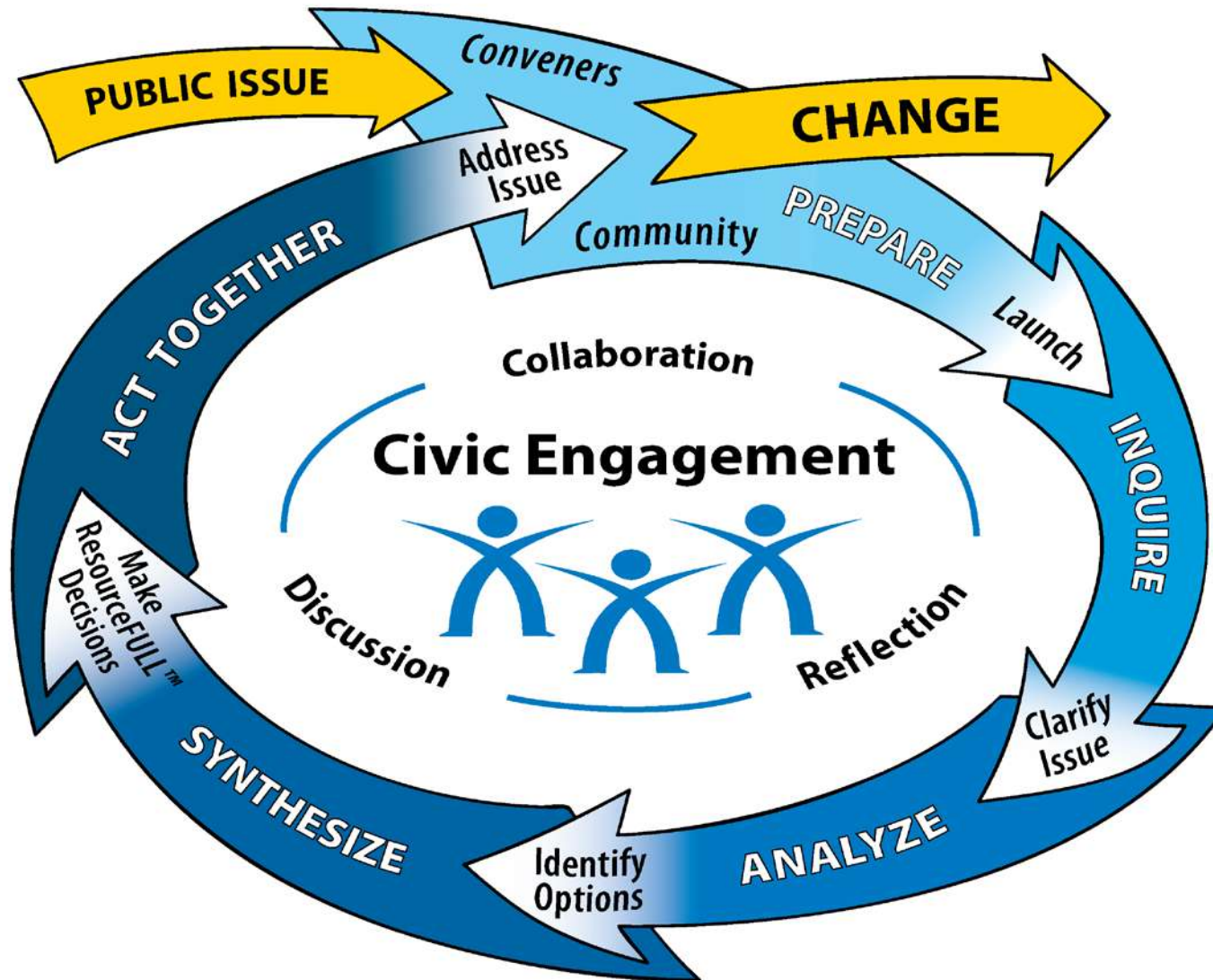
2) Inquire

3) Analyze

4) Synthesize

5) Act Together

# Civic Engagement: ResourceFULL™ Decisions and Collective Action on Public Issues



Authors: Radke, B., Hinz, L., Horntvedt, J., Chazdon, S., Hennen, M.A. and Allen, R.  
[www.extension.umn.edu/community](http://www.extension.umn.edu/community)

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# Watershed Management + Civic Engagement

- What does it look like?





# Julia Olmstead

## UW-Extension

### Red Cedar & St. Croix Watershed Farmer-Led Councils





Figure 1. The Hewitt Creek Model for Performance-based Farm and Watershed Environmental Management

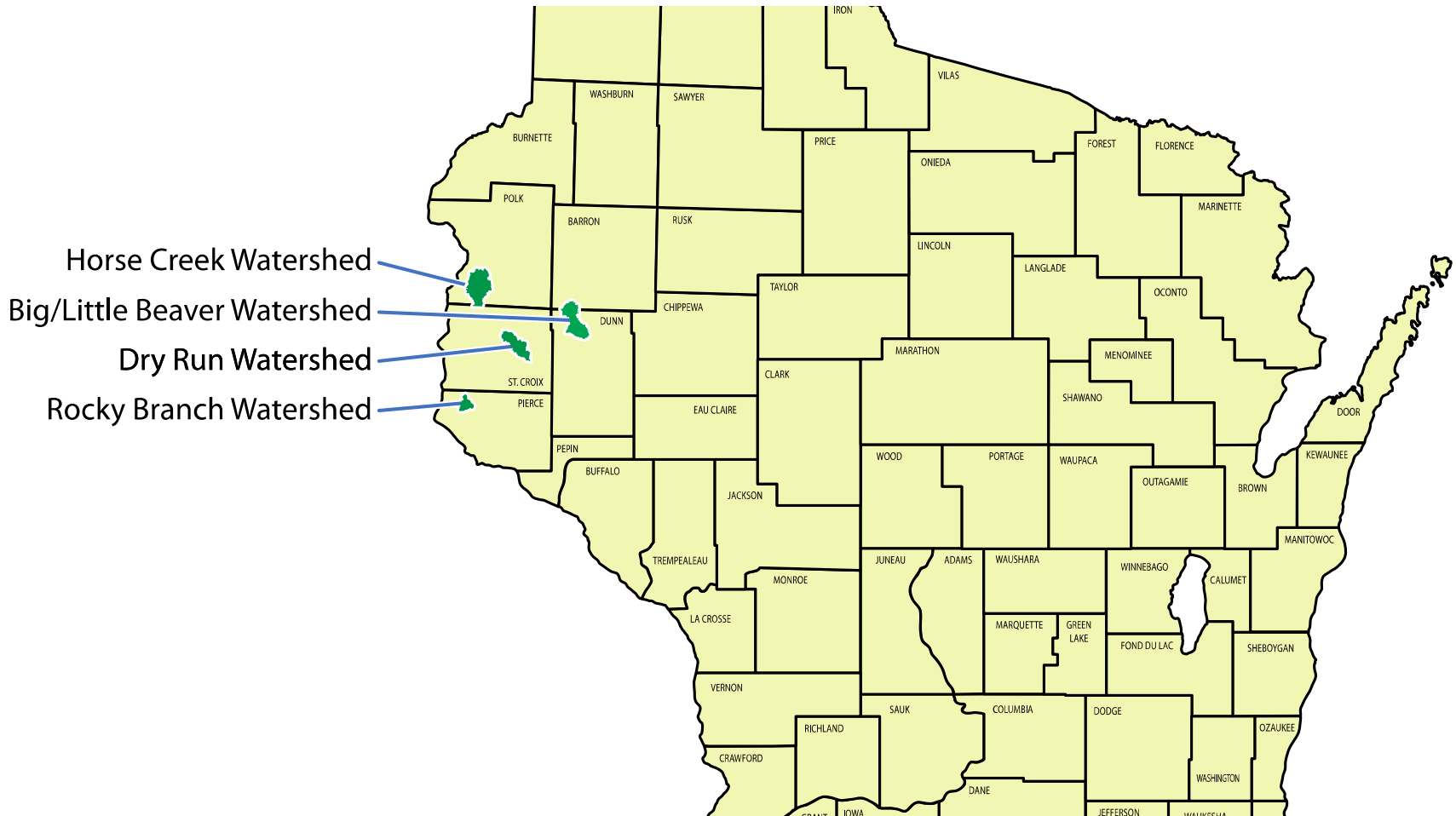
# Examples of incentives for on-farm activities and practices in the Hewitt Creek Watershed

Table 1. Example of Crop Year 2005 Incentives for On-farm Activities and Practices

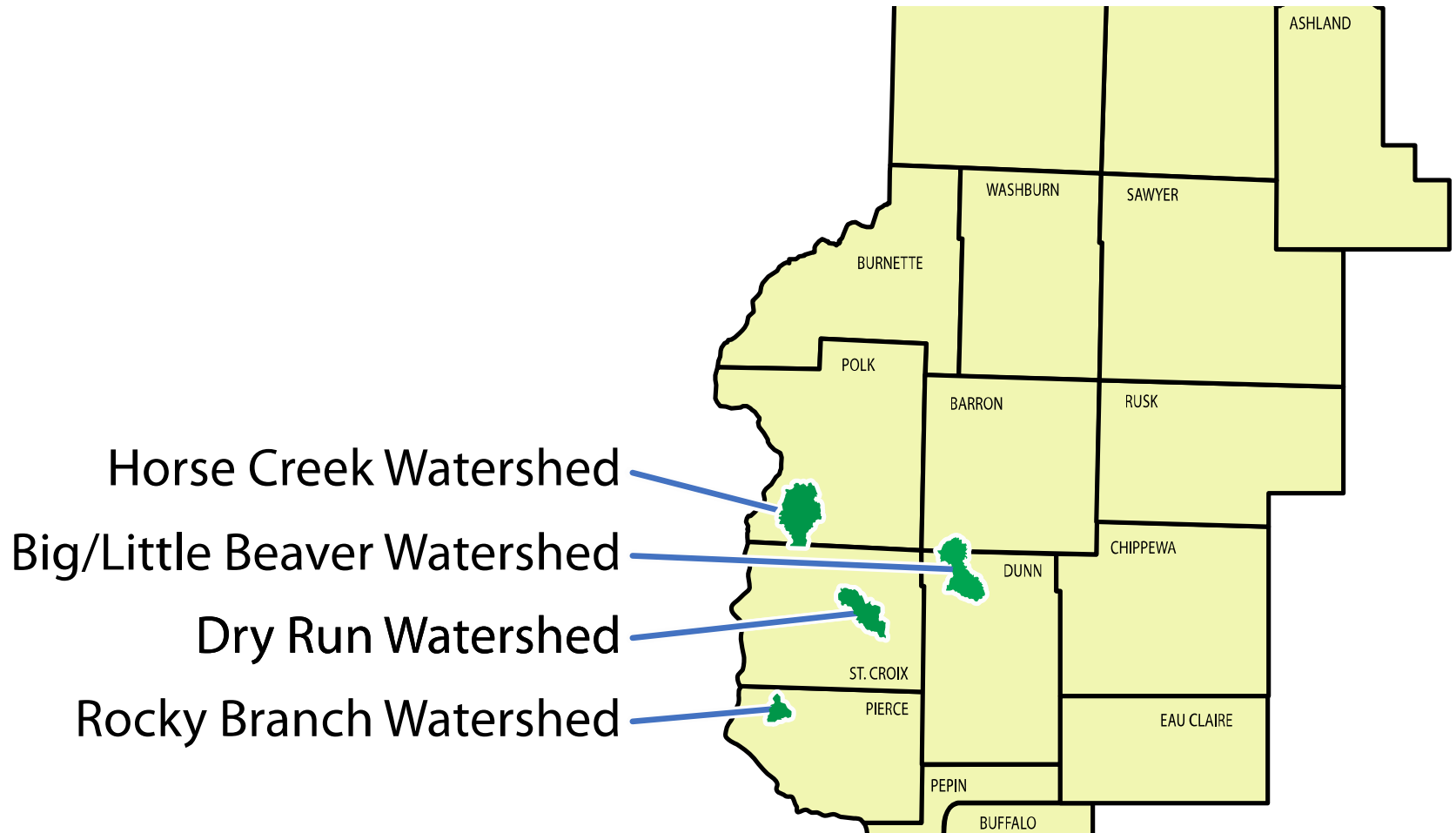
Number of Cooperators	Incentive Payment	Water Quality Improvement Activity
14	\$80	Two cornstalk residual nitrogen tests to compare two N and/or manure rates (Sample is 15 8-inch segments).
5	\$25	For each additional cornstalk test to refine N (limit \$100 per operator, includes \$15/sample lab fee).
3	\$50	Phosphorus soil testing and ISU interpretation to identify fields testing VH (more than 21 ppm).
7	\$60	Manure applicator calibration to determine per acre.
14	\$50	Manure analysis to determine available nitrogen, phosphorous and potassium.
13	\$80	Complete P Index on two fields to determine the risk of P Loss – will also receive the Soil Conditioning Index (an indication of soil organic matter management trend.)
4	\$200	Tillage alternatives or no-till field scale comparison of conventional practices demonstration with yield results.
6	\$200	Field scale or small plot comparison of N or P rates with or without manure yields determined. ISU Extension will assist.
12	\$300	Grid sampling 40 or more acres per operator.
25	\$400	New grass waterways per operator.

Source: Lois Wright Morton, ISU Extension

# Wisconsin Farmer-Led Watershed Council Pilot Projects



# Wisconsin Farmer-Led Watershed Council Pilot Projects



# Dan Prestebak

## Dunn County Land Conservation Division



# Dunn County Environmental Services

- Land Conservation
- Planning
- Solid Waste and Recycling
- Surveying
- Zoning



# Dunn County Land Conservation Division

- **Locally Delivered Conservation**





# **Chapter 92**

## **SOIL & WATER CONSERVATION & ANIMAL WASTE**

- Land Conservation Committee
- Land Conservation Department and Staff
- Requires Land & Water Resource Management Plan
  - ALLOWS EACH COUNTY TO DEVELOP ITS OWN CONSERVATION PRIORITIES AND PROGRAMS

# LWRM Plan Development

- Citizens Advisory Committee
  - Lake Association, Ag. producers, conservation clubs
- Technical Advisory Committee
  - Federal: NRCS
  - State: DNR, DATCP
  - County: LCD, Zoning, Planning
  - City & Private

TAINTER MENOMIN  
LAKE IMPROVEMENT  
ASSOCIATION, INC.



# South Fork Hay River Priority Watershed Project (1994-2005)

- Offered annual property tax credits to landowners for adopting best management practices:
- 21,046 Cropland acres enrolled in 2005
- 106 Landowners participated out of 225 eligible landowners



# What Did We Learn ?

Land and Water Resource Management  
Planning Process

South Fork of the Hay River Watershed

Town of Grant Phosphorus Reduction Pilot  
Project