

# Kawkawlin River Watershed Planning

Presentation by:  
Joseph Rivet, Bay County Drain Commissioner  
Spicer Group, Inc.



Office of Bay County Drain  
Commissioner



# Meeting Agenda



- Review of Technical Committee meetings
- Sub-watershed Prioritization
- Presentation by MDEQ on Kawkawlin River wetlands
- Next Meeting Date: July, 2009 TBA

# Tasks Accomplished



- Establishment of sub-committees and meetings have begun
- Watershed data map sets are on web site.

Watershed delineation

Soils

Population

Hydrologic / hydraulic

Current and 1938 aerials

Land Use

Geologic

Base Flow

Stream Order

# Sub-Committee Reports



- ◆ Nutrient Sub-Committee,
  - Chair, Joel Strauss
- ◆ Corridor Assessment
  - Chair, Jim Hergott
- ◆ Water Course Assessment
  - Chair, Russ Beaubien
- ◆ Public Education\*
  - Chair, Joseph Rivet

# Nutrient



- ◆ Has met and begun to work on tasks
- ◆ Report:

# Corridor



- ◆ Has met twice
- ◆ Reviewed tasks, objectives, & goals
- ◆ Jeanne Place provided information at the second meeting to familiarize members with procedures being used in assessment.
- ◆ Windshield ag. survey to start very soon.
- ◆ Areas identified

# Corridor



- ◆ Use of study by Little Forks Conservancy
- ◆ To Do:
  - Identify PA116 lands
  - Identify Conservation and Recreation lands in watershed

# Water Course



- ◆ Met twice
- ◆ Have obtained crossing data,
- ◆ Identified 2 areas for surveyor to assess
- ◆ Working toward pollutant causes / sources
- ◆ Started probe water sampling in critical area along with ag. survey

# Water Course



- ◆ Additional water quality sampling
- ◆ Reports from sub-consultant on spring assessment to be evaluated

# Sampling Results



Location #	1	2	3
	N43 36.6215	N43 35.5445	N43 35.2270
	W84 0.0986	W84 1.9173	W84 2.9825
Temp (F)	46.1	52.2	53.0
SpC (mS/cm)	0.790	0.750	0.739
D.O (mg/L)	11.55	11.21	10.89
pH (units)	8.27	8.36	8.30
TDS (g/L)	0.5	0.5	0.5
Turbidity (NTU)	4.1	4.7	2.1

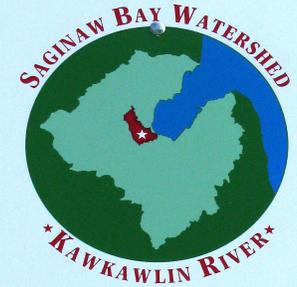
# Locations



- ◆ Culver Creek, N. side of North Union
- ◆ East side of 7 mile Rd, S. of US-10
- ◆ East side of 8 mile Rd, N. of Salzburg

# Differing Ag Practices





# Wetlands Assessment

Rob Zbiciak

MDEQ



# Public Education

Joseph Rivet

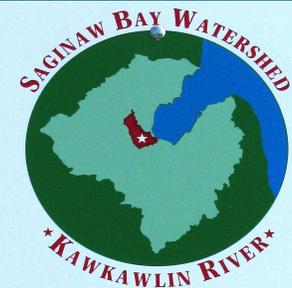
# Stakeholder Meetings



## Stakeholder Meeting 4

- 🔹 July 2009 (Location and Date, To Be Announced)

# Information for Participation



- **Come to the Watershed Meetings**
- **Contact Your Local Government Representatives – See if They Are Involved!**
- **Check the Web Site as information becomes available:**

**[www.baycounty-mi.gov/DrainCommissioner/KawkawlinRiverWMP.aspx](http://www.baycounty-mi.gov/DrainCommissioner/KawkawlinRiverWMP.aspx)**



*Let your voice be heard! Participate  
in the public involvement process.*

Questions?

