





Joe Parman, Van Buren County Drain Commissioner



Protecting nature. Preserving life.\*



# An Innovative Pilot Project

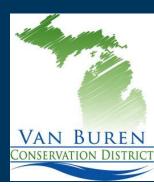
Premise: Should be cheaper, and result in less environmental impacts, to <a href="prevent">prevent</a> sediment from entering the drain.

Innovative idea: Develop a new assessment methodology that rewards landowners for implementing conservation practices





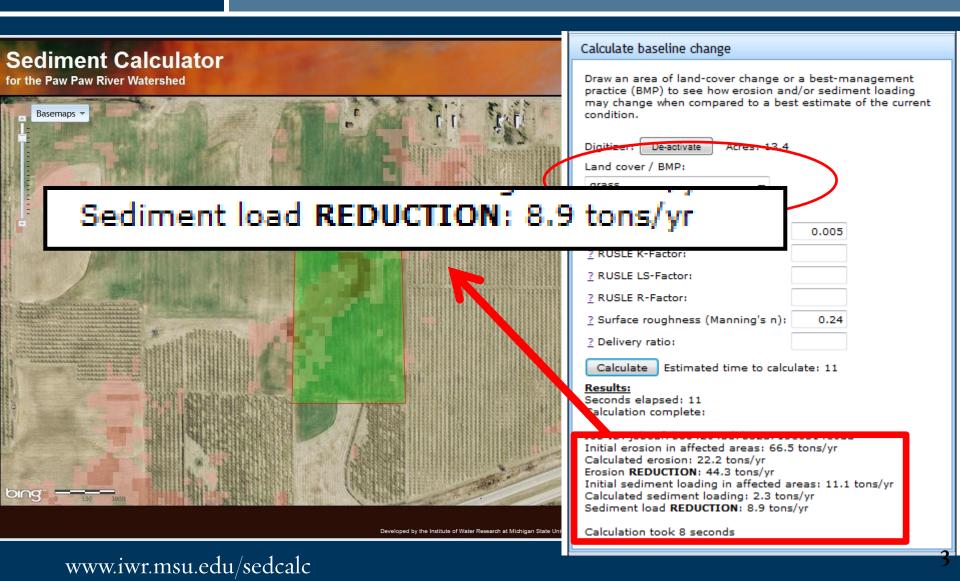








## Sediment Calculator makes it easy!





#### Also available for Saginaw Bay counties



Active Map Tool: Identify features on-click

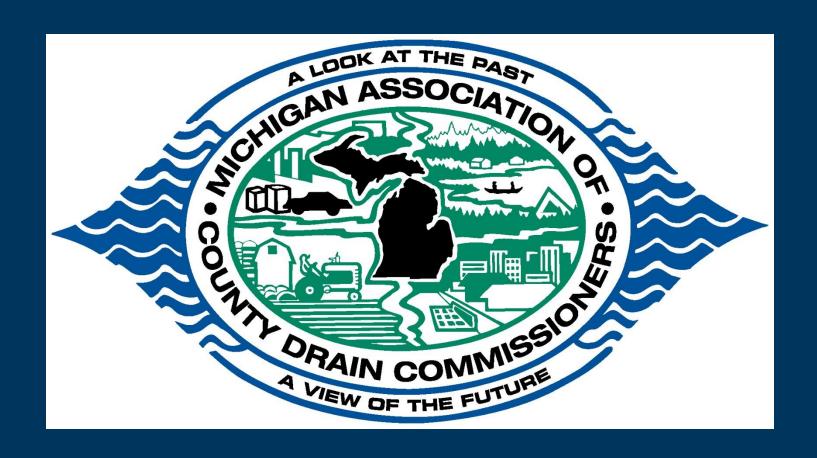
-79.28794326, 42.639810

Banner photograph credit: Andrea L. Jaeger Miehls

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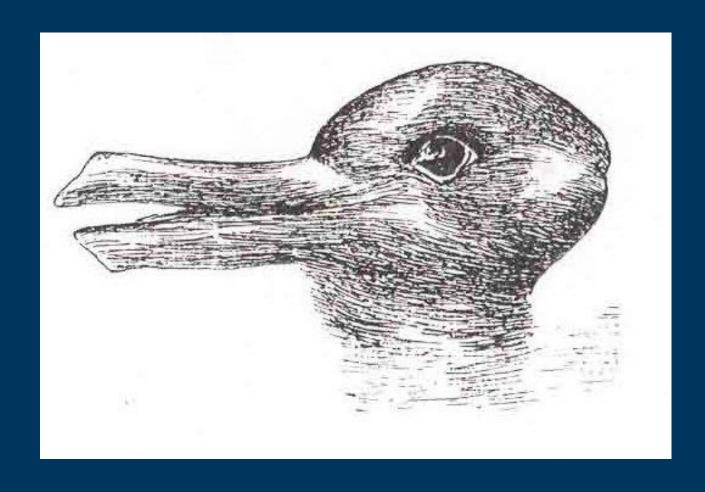


#### Michigan Drain Law



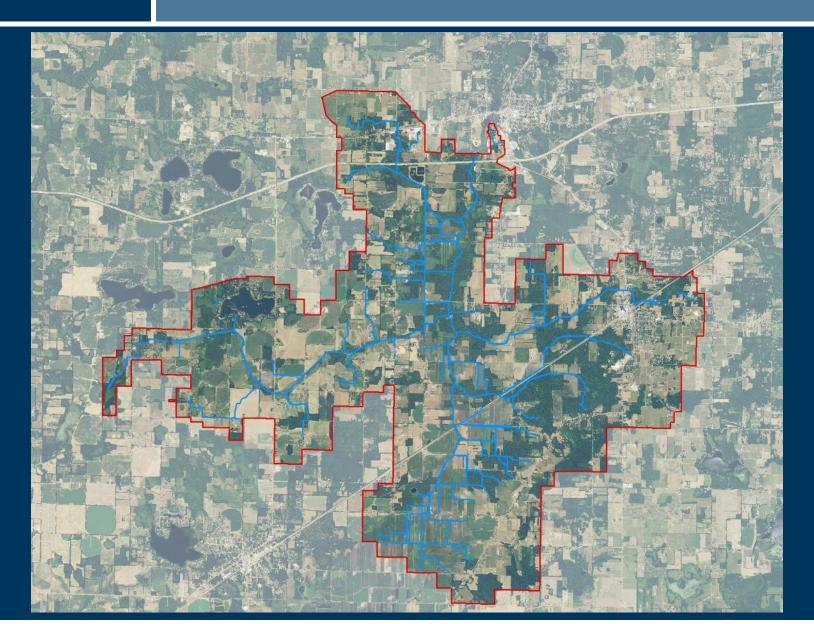


#### **Benefits Derived**





## Pilot Project Area





### Pilot Project Background

VAN BUREN
CONSERVATION DISTRICT

Tracking Number: 9B

#### **BMP CERTIFICATION AGREEMENT**

Please complete a separate agreement form for each parcel you wish to certify in this program

Applicant Name Gary Wojack Telephone 26	9-507-6532 Bate 8/29/14					
Check all that apply:  X Producer  Landowner	Parcel # 80-08-007-009-00					
Mailing Address 77941 41st St. Decatur, MI 49045						
Twp., Sec., Range 04S14W09	Drainage District(s) Gates					
Is this Parcel/Field adjacent to or does it contain a drain, creek, river or lake? ( $\square$ Yes / $\boxtimes$ No )						
If Yes, please provide the name of the water body (if known):						
How did you hear about the certification program? Colleen Forestieri						
Why do you use the practices indicated below? Time, money, build soil quality and improve infiltration						

#### To be completed by VBCD:

Indicate the BMP(s) that have been applied to this parcel using the table below. Each agreement form may contain multiple BMPs for a single parcel. [Attach map with BMP locations.]

✓	Best Management Practices	Linear Feet	BMP Acres	Sediment Reduction	How long has it been utilized?
Cover Cr	ops				
$\boxtimes$	Type: Annual Ryegrass - Aerial Application		98	5.1	1 month
$\Box$	Type:				
П	Type:				
Grass W	aterways				
	Width:				
Filter Str	ips				
	Width:				
	Width:				
Tillage					
П	Mulch-Till				
X	No-Till		98	17.2	3 years
			Total	22.3	



**Base Allocation** 

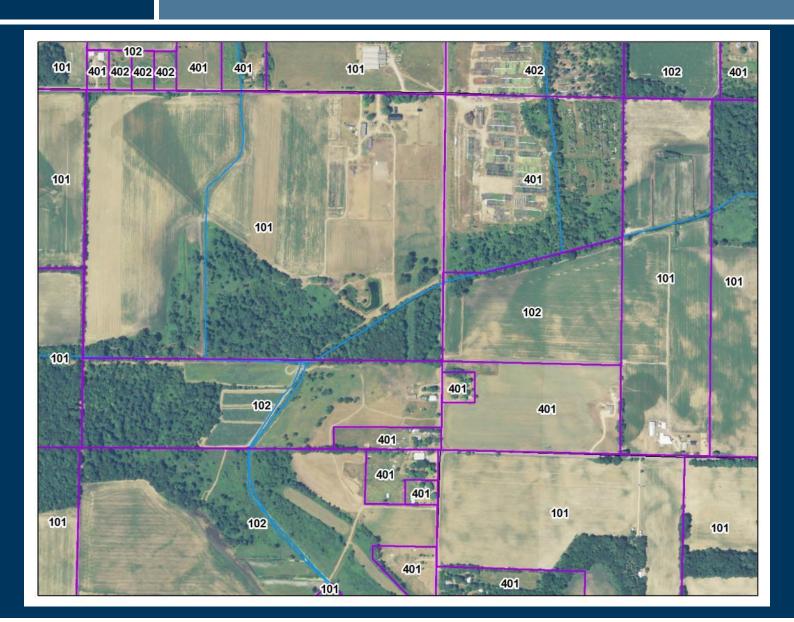


## **Apportionment Factors**



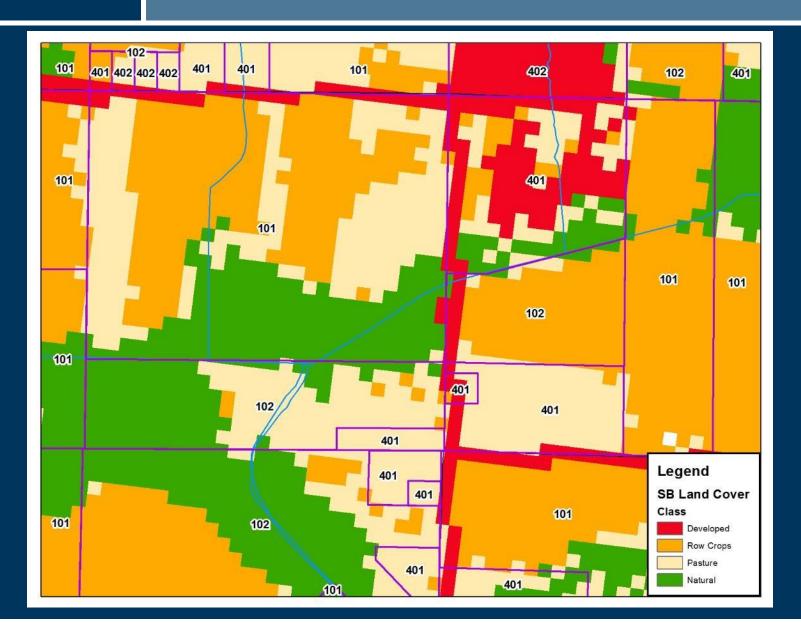


#### **Use Factor – Land Cover**



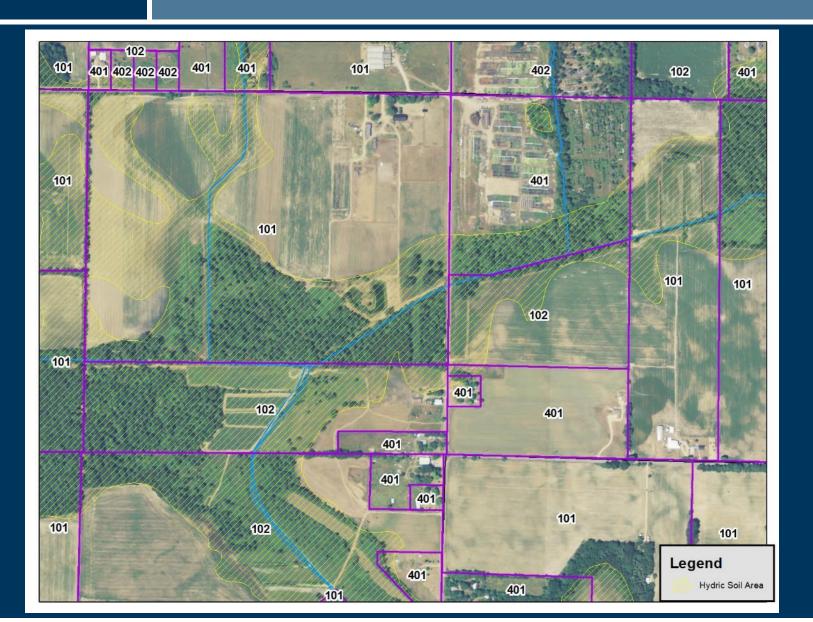


#### **Use Factor – Land Cover**





## Need Factor – Hydric Soils



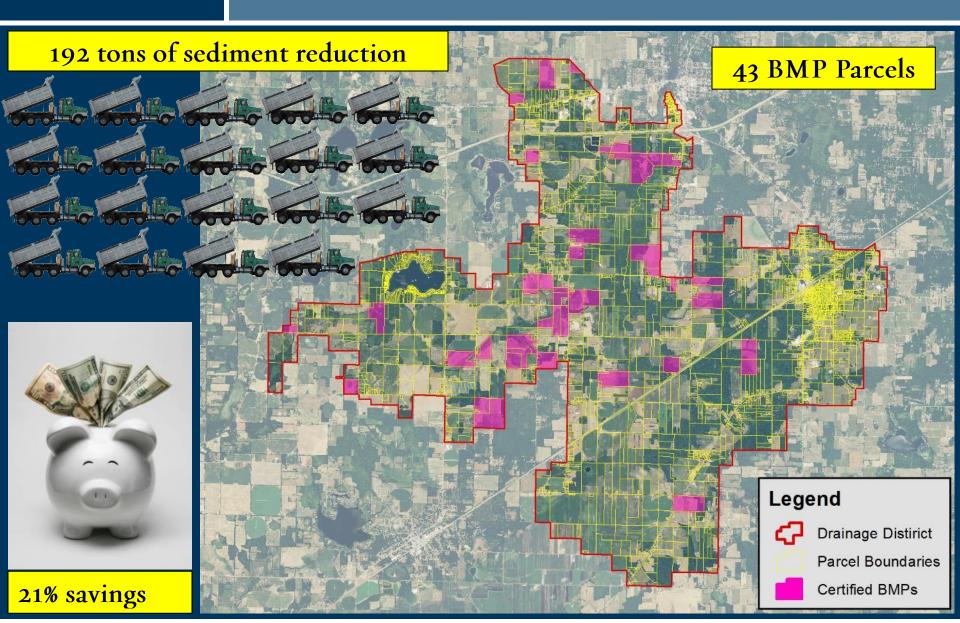


### Management Factor – Runoff Reduction





### **Pilot Project Outcomes**





### **Opportunities**





# Challenges

