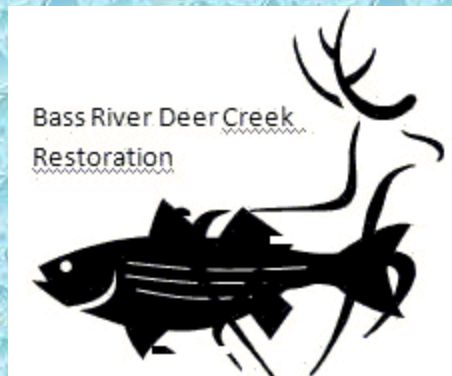


# Bass River Deer Creek Restoration

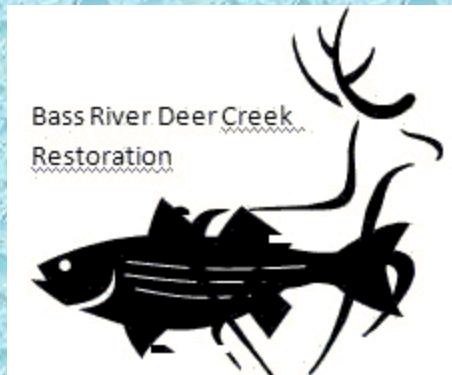
Ottawa County Water Quality Forum  
Thursday, November 1, 2012

Becky Huttenga  
Ottawa Conservation District



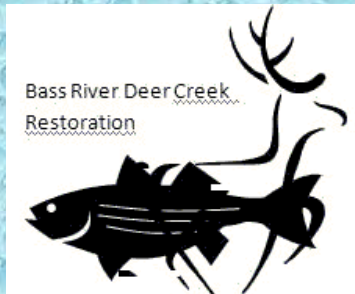
# WHO?

- The Ottawa Conservation District (grantee) and partners including Ottawa County Health Department, Annis Water Resources Institute (GVSU), Fishbeck-Thompson-Carr & Huber, and 8 local units of government.



# WHAT?

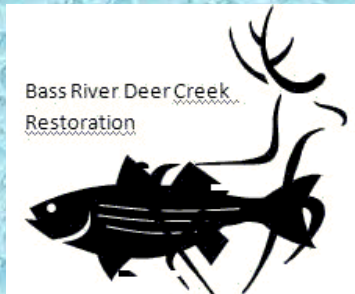
- Grant funding available from the federal government via the **Clean Water Act Section 319(h)**, fondly known as simply “319 grants”
- 319 grants are administered by the Michigan Department of Environmental Quality
- Up to \$3 million available, minimum request is \$25,000
- This is OCD’s third attempt at securing funds from this grant for these subwatersheds





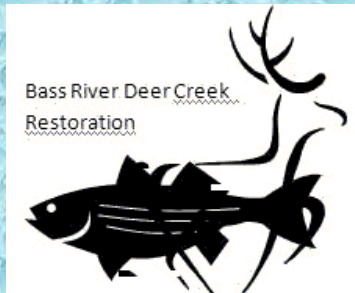
# *WHEN?*

- Full proposal was submitted on October 19 – 34 other projects were invited to submit full proposals.
- Awards will be announced in July 2013
- Grant agreements will be written in October 2013, then work can begin



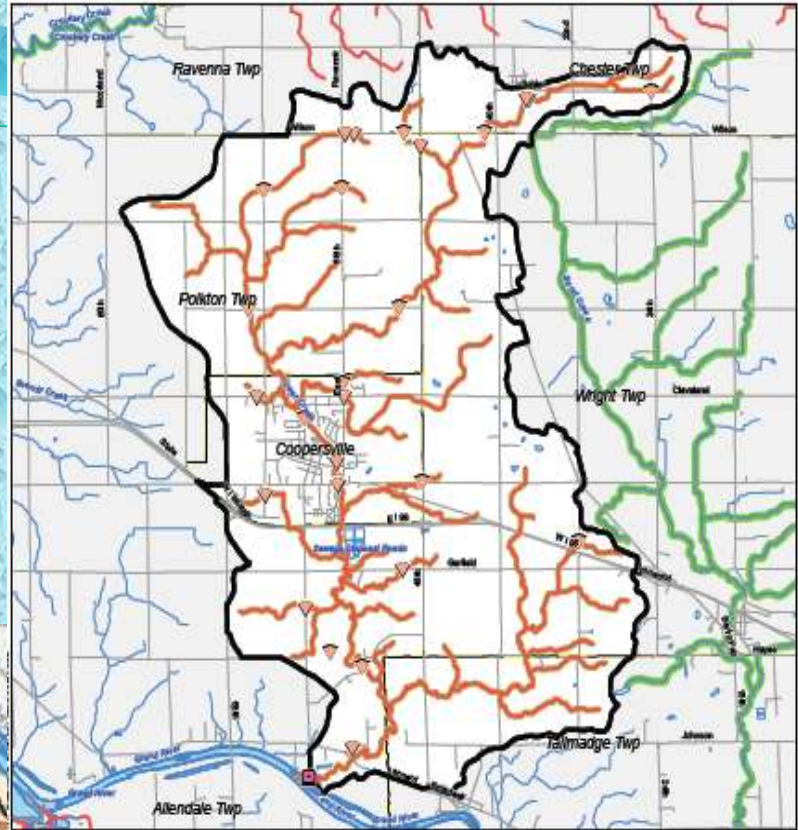
# *WHERE?*

- Bass River and Deer Creek watersheds
- Both are subwatersheds of the Lower Grand River Watershed
- Both are located in Ottawa County
- Total acreage of 54,394 used predominantly for agriculture

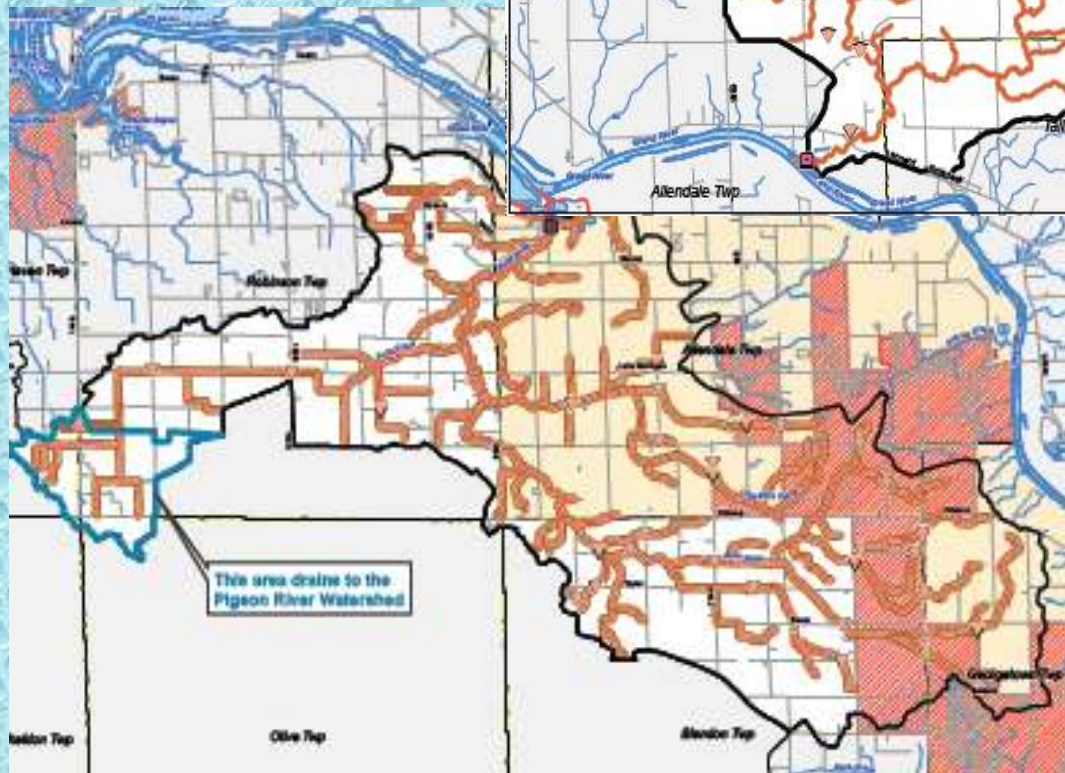




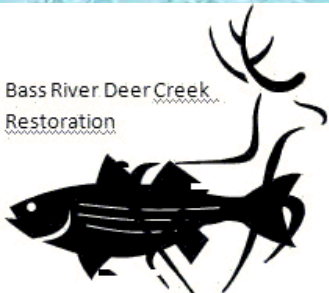
Deer Creek



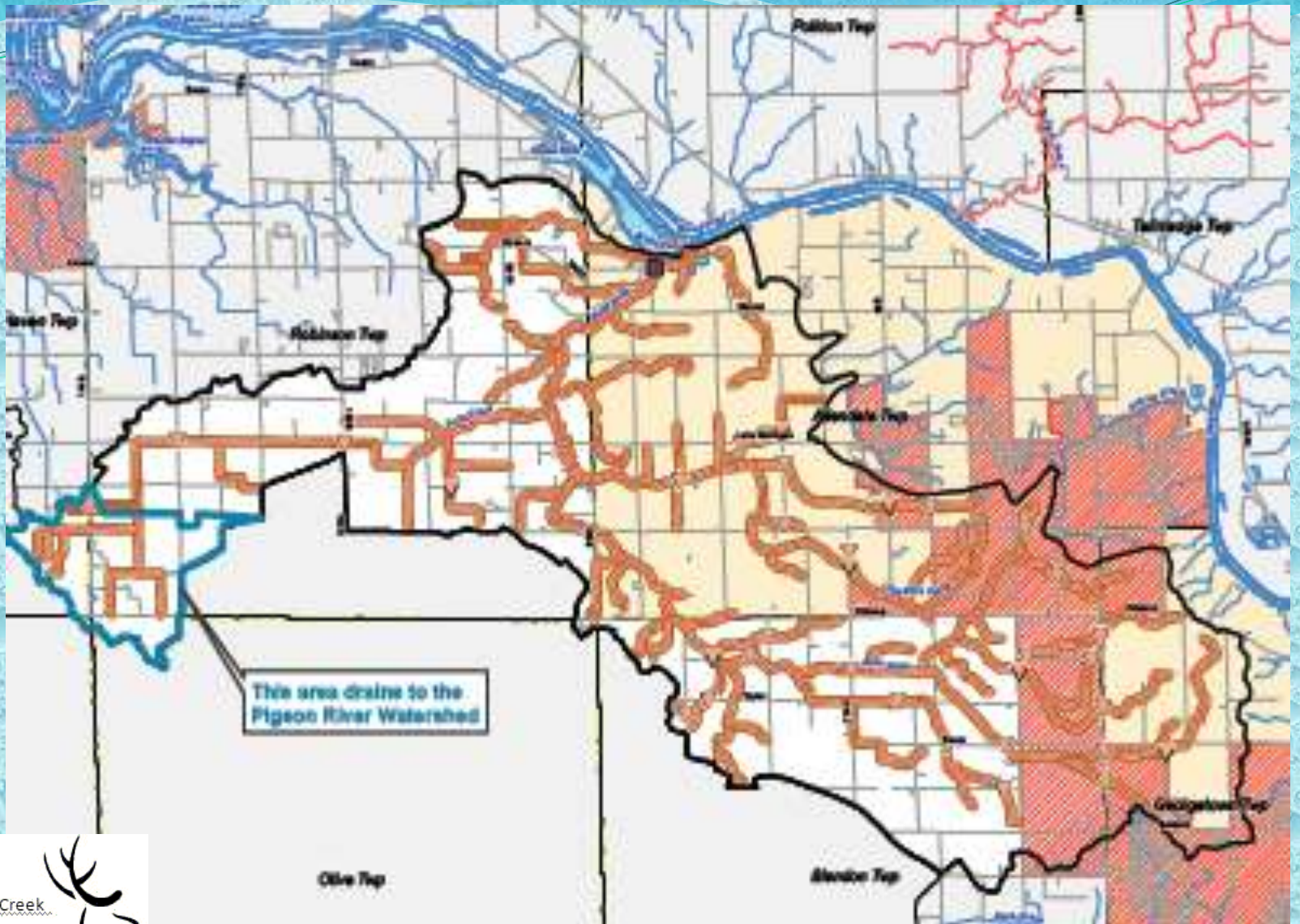
Bass River



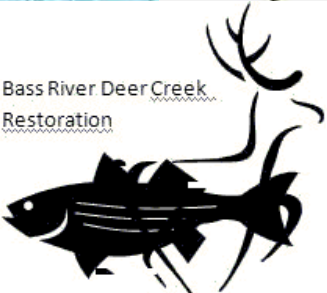
Bass River Deer Creek  
Restoration







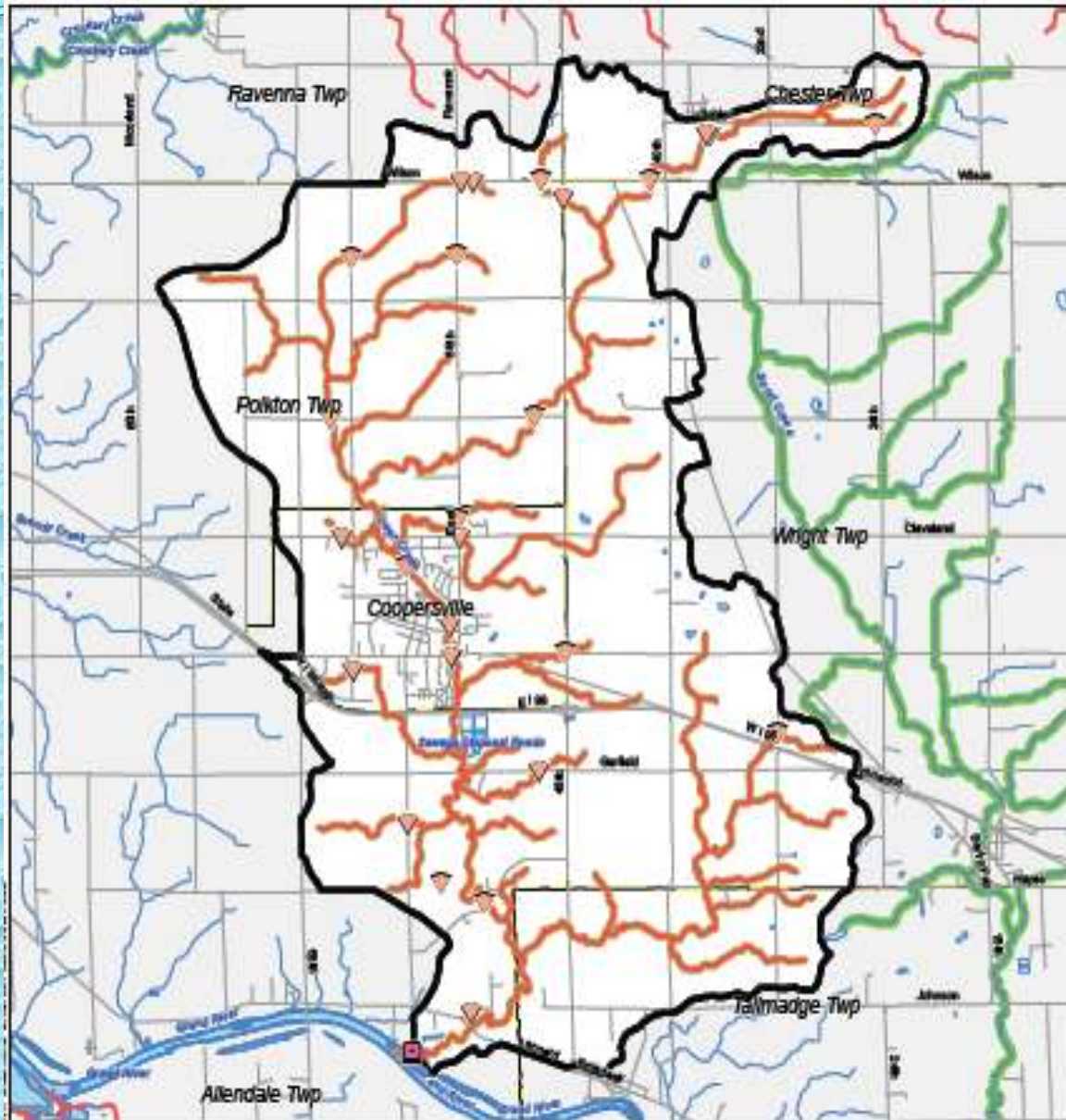
Bass River Deer Creek  
Restoration



Bass River



Bass River Deer Creek  
Restoration

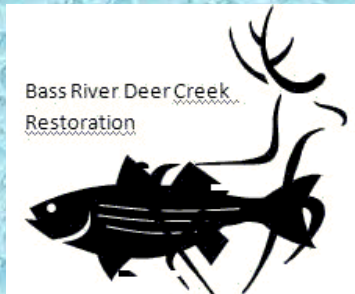


Deer Creek



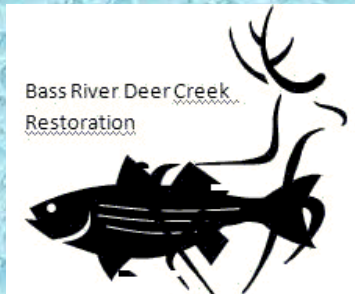
# WHY?

- Not sure on the first two grant attempts . . . .
- Lower Grand River Watershed Management Plan approved
- FY13 – both watersheds elevated to ‘Tier 1’ priority
- Total Maximum Daily Loads (TMDLs) for E. coli (both) and biota (Bass only)
- It’s what we do!



# HOW?

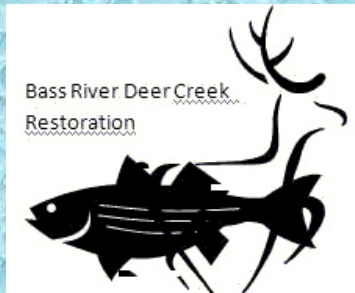
- Objective 1: identify and remediate failing/poorly functioning on site sewage disposal systems
- Objective 2: enroll agricultural producers in Farm Bill programs that address E. coli impairment
- Project Goal: meet Water Quality Standards for E. coli (130 E. coli per 100ml as a 30 d geometric mean, or 300 E. coli per 100 ml as a daily maximum) in both watersheds





# AND HOW MUCH?

<b>Grant Requested Funds:</b>	<b>\$132,904</b>
<b>Matching Local Funds:</b>	<b>\$45,925</b>
<b>Total Budget for 3 yr Project:</b>	<b>\$178,830</b>



Questions?

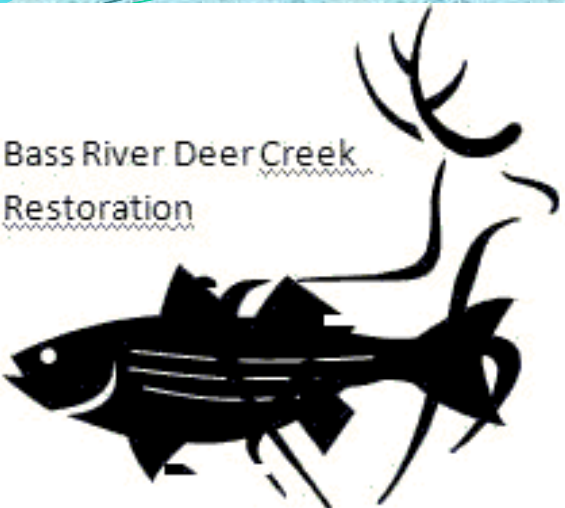
Comments?

Bass River Deer Creek  
Restoration





Bass River Deer Creek  
Restoration



# General MAEAP Information

- First two bills signed by governor Snyder were related to the MAEAP program
- The MAEAP bills help ensure there will be a MAEAP program in the future
- MAEAP reached 1,000 total verifications statewide in 2011
- Governor Snyder wants to see 5000 total MAEAP verifications by 2015



# MAEAP in 2012

- 2 Greenhouse\*A\*Systs
- 1 Nursery\*A\*Systs
- 19 Farm\*A\*Systs
- Livestock\*A\*Systs
- 5 MAEAP Farmstead Verifications
- 10MAEAP Cropping Verification
- 1 MAEAP livestock verifications
- 298 On-Farm Risk Reductions