

THE URBAN CONNECTION

*Forming partnerships to further our
stormwater outreach in Steuben County*



City of Angola/Trine
University MS4



SWCD MISSION:

We will be the lead facilitator who ensures that the natural resources of Steuben County are used wisely and are there for future generations.



HOW DO WE ACCOMPLISH OUR MISSION?

Identify and
prioritize local
resource
concerns

Clearinghouse
for information

Technical
Assistance

Financial
Assistance

Education

Pigeon Creek Watershed

STEUBEN COUNTY

**SOUTHEASTERN LAKE MICHIGAN BASIN
(St. Joseph River Watershed)**

Lake Michigan

Michigan

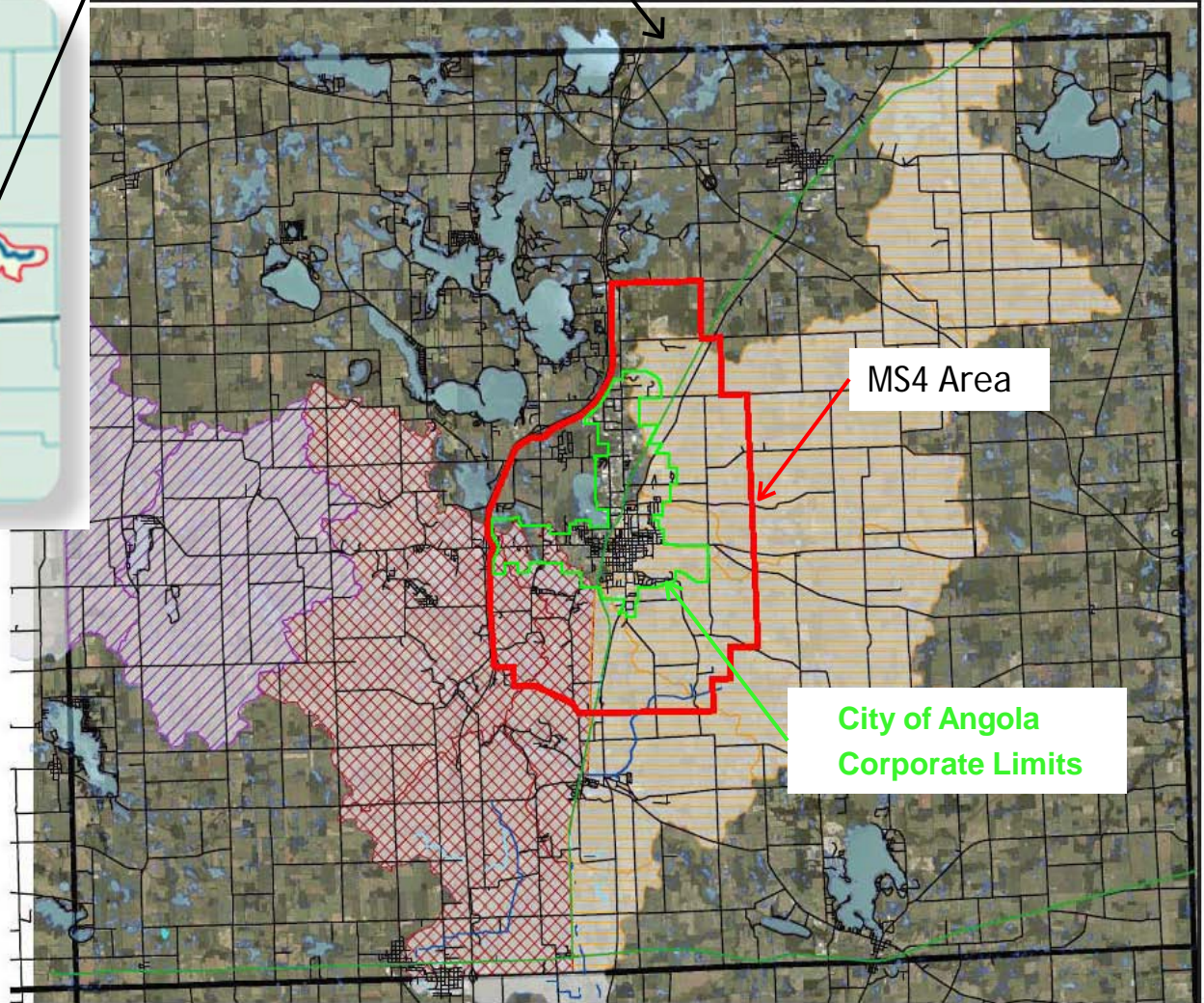
Indiana

Legend

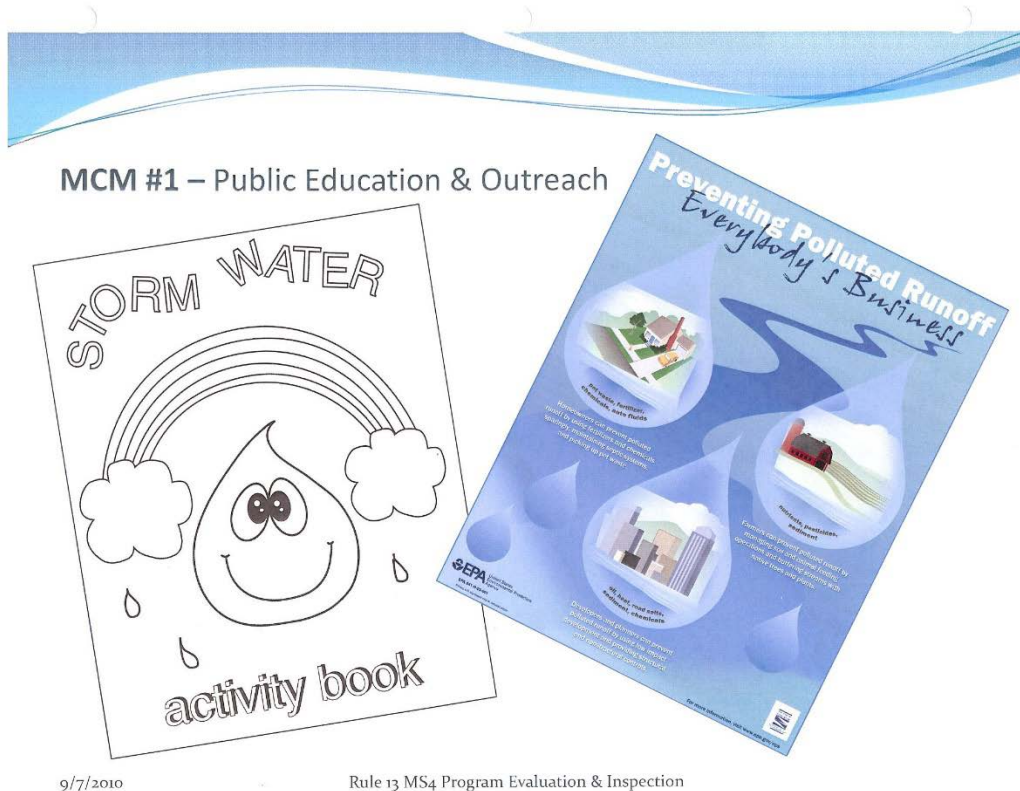
- Upper Watershed
- Lake Chain
- Lower Watershed

MS4 Area

City of Angola
Corporate Limits



Two Minimum Control Measures (MCM's) or goals of an MS4 are Public Education and Outreach and Public Involvement and Participation.



MCM #1 – Public Education & Outreach

9/7/2010

Rule 13 MS4 Program Evaluation & Inspection

We both accomplish our agency goals and mission statements focusing primarily on education, which is why it makes sense for us to work together to achieve them.

Steuben County Stats:

- “Land of 101 Lakes” - Population triples in the summer
- Total Land Area - 197,523 acres
- We rank 72nd in the state for the amount of acres we have in agriculture - “Everyone makes a Healthy Watershed”





An SWCD typically works on agricultural issues. For example, here is a buffer or filter strip installed to filter runoff and contaminants before they reach the neighboring ditch. But as shown earlier, we also have a significant urban and lake population, which is the reason we began working on our County's urban issues as well.

2008 - SWCD Jumps into Urban Conservation!!!

- Partnership with MS4

RAIN GARDEN INSTALLATION AT PROJECT HELP



Pervious Concrete
Installation at Project
Help - both partially
funded through a CWI
Grant in 2008



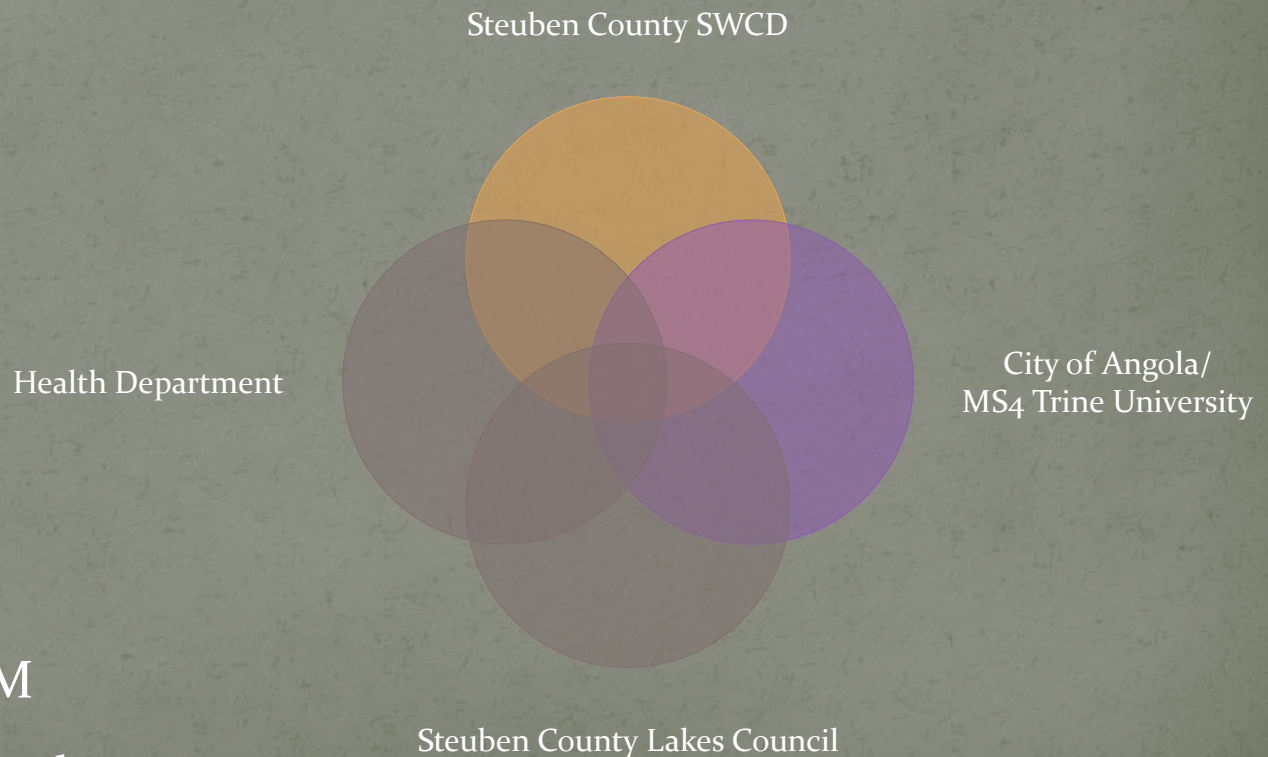
PROJECT HELP:

- Other partners involved in this project included Trine University, Master Gardeners of Steuben County and volunteers from Fairview Missionary Church



This led to MS4 and the Steuben SWCD partnering together during Phase Two Implementation of the Pigeon Creek Watershed Management Plan

- September, 2009 – September, 2012
- Partners with the goal of improving water quality



Three year grant

\$243,000 Grant –

\$145,800 from IDEM

\$97,200 in-kind match

Urban projects completed through this grant:

Pervious Concrete and BioSwale at the Wastewater Treatment Plant



Commons Park Urban Wetland



Rain Garden – downtown Angola:



Before and After

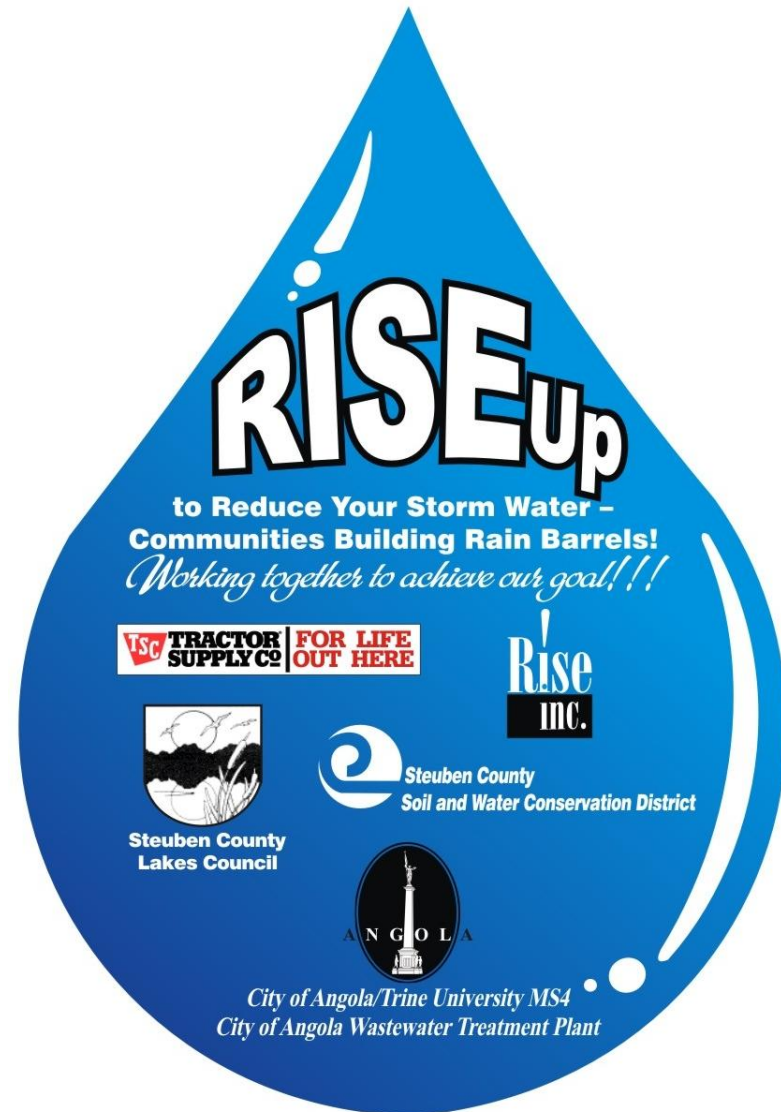


City of Angola Rain Barrel Program



SUCCESS - EXPANSION OF THE RAIN BARREL PROGRAM

- Through the Phase 2 IDEM 319 grant/40 barrels within critical area of Angola
- Outside interest led to program expansion
- Received National Conservation Foundation Project Award Grant in 2011



OUR PROJECT

- Expand Rain Barrel Program by 200 barrels
- Stimulate the local economy
- Provide a labor opportunity for RISE Inc.
- Reduce storm water runoff by 390,000 gallons
- Success!! - 270 barrels distributed. RISE takes over program and it becomes part of RISE Creations.



Currently - PHASE 3 IDEM 319 Grant (2013-2016):

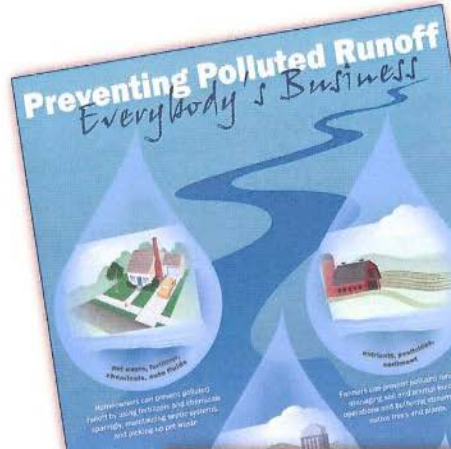
- Revision of the Current PCWMP
- Further Implementation -
 both agricultural and urban
- Additional Water Monitoring
- Continuation of our Educational programs



Education is one of the keys to better water quality:



Public Education & Outreach

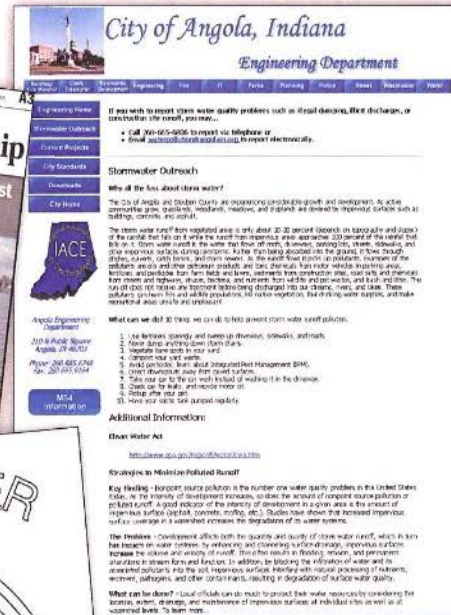


Campaign encourages environmental stewardship

Program aims to prevent runoff to area streams, lakes

[illegible]

Remember, you're not just fertilizing your lawn



Take the Stormwater Runoff Challenge

- [illegible]



activity book



WORK IN THE WATERSHED IS NEVER FINISHED



CONTACT INFO: STEUBEN SWCD OFFICE

- 1220 North 200 West, Peachtree Plaza 200, Angola, IN 46703
- Phone: 665-3211, Ext. 3
- Website: www.steubenswcd.org
- kayleen.hart@IN.nacdnet.net

CONTACT INFO: CITY OF ANGOLA/TRINE UNIVERSITY MS4

- 210 North Public Square, Angola, IN 46703
- Phone: 260-624-2663
- Website: www.angolain.org
- ehenion@angolain.org