

AGENDA
STATE SOIL CONSERVATION BOARD MEETING
June 3, 2014
Camp Atterbury
Conference Center
3008 Old Hospital Rd.
Edinburgh, IN 46124

- I. 9:30AM: Call to Order**
- II. Approve Minutes of March 2014**
- III. Clean Water Indiana**
 - a. Grants Report-Jen Pinkston
 - b. Howard County 2012 CWI Grant amendment- Geneva Tyler
- IV. Soil and Water Conservation Districts**
 - a. Cass County SWCD- Geneva Tyler
 - b. Franklin County SWCD- Tara Henry
 - c. Porter County SWCD- Geneva Tyler
- V. State Soil Conservation Board Reports**
 - a. SSCB Chairman's Report-Scott Ham
- VI. ISDA Updates**
 - a. Technical Report- Jim Woody
 - b. Agricultural Affairs-Meg Leader
 - c. Accountability and Technology-Deb Fairhurst
 - d. District Support-Laura Fribley
 - e. Water Quality and CREP-Logan Garner
- VII. Conservation Partner Reports**
 - a. IASWCD Report
 - b. IDEM Report
 - c. DNR Report
 - d. Purdue Report
 - e. FSA Report
 - f. NRCS Report
- VIII. Public Comment**
- IX. Next Meeting:**

July 31, 2014	October 28, 2014
9:15 AM	9:15 AM
The Nature Conservancy	Location: TBD
620 E Ohio Street	Hancock County
Indianapolis, IN	
- X. Adjourn**

*****PLEASE NOTE*****

This agenda is in DRAFT FORM. Open Door Law does not prohibit the public agency from changing or adding to its agenda during the meeting.

Clean Water Indiana

Grants Report

June 2014



2011 Clean Water Indiana Watershed Grants

For 2011, the State Soil Conservation Board (SSCB) also awarded \$84,000 for competitive watershed-based grants. Projects are to fund one or more of the categories listed below:

Cost Share/Incentives/Demonstrations

Increase Direct Professional Assistance to Land Users

Eighteen applications were received for the 2011 CWI grant totaling over \$500,000. The SSCB approved five grant applications and awarded a total of \$84,000.

Project Title: Reducing Nutrient Impacts in the Western Lake Erie Basin Through the On-Farm Network

Participating Districts: Allen, Adams, Dekalb, Noble, Steuben, Wells

Funds Awarded: \$20,000-Technical Assistance

Status: Project Completed

Project Title: Tri-County Conservation Initiative

Participating Districts: Knox, Daviess, Pike

Funds Awarded: \$15,000-Technical Assistance

Status: Project Completed

Project Title: On-Farm Soil Quality Assistance to Farmers

Participating Districts: Kosciusko, Fulton, Marshall

Funds Awarded: \$20,000-Technical Assistance

Status: Final Report due 7/31/14

Project Title: Reducing NPS pollution by assisting agricultural producers in performing research on their farm

Participating Districts: Tipton, Howard

Funds Awarded: \$20,000-Cost Share

Status: Final Report due 7/31/14

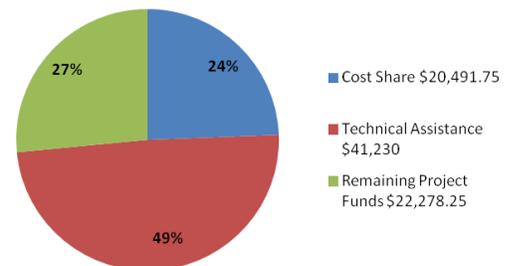
Project Title: Salamonie River Watershed Incentive Program

Participating Districts: Wells, Huntington, Jay, Blackford

Funds Awarded: \$9,000-Cost Share

Status: Project Completed

2011 CWI Grants 5/30/14



2012 Clean Water Indiana Watershed Grants

During state fiscal year 2012, the State Soil Conservation Board awarded 21 Clean Water Indiana grants totaling \$1,078,000. The focus for this round of grant funding includes:

- Cost Share Incentives/On Farm Demonstrations
- Increase Direct Technical/Professional Assistance to Land users
- Adult Education

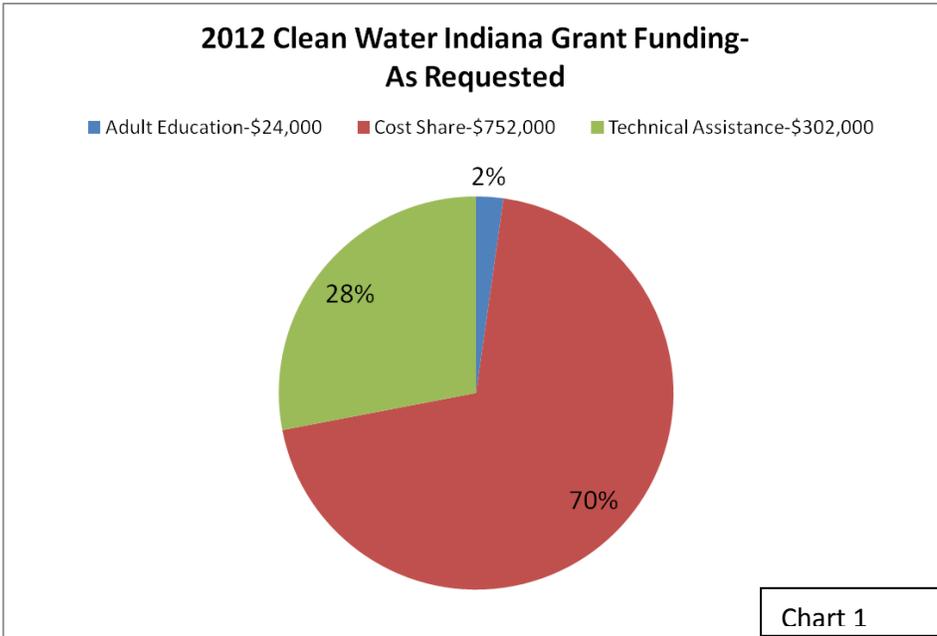


Chart 1 above illustrates the breakdown of funding requests.

Sixteen of the grants began on January 1, 2012; the remaining five began on May 1, 2012. All grantees are required to report on their progress annually.

Lead District	Other Participating Districts	Amount	Details	Status
Clay	Vigo	\$10,000	cover crops, field border and rain simulator	Project Completed
Crawford	Harrison Perry	\$40,000	pasture planting	Project Completed
DeKalb	Steuben	\$60,000	blind inlet with ARS/NRCS and cover crops	Year 2 report complete and reviewed. Final report due 1/31/15
Delaware	Madison, Randolph, Blackford	\$40,000	OFN/CREP	Project Completed
Dubois	Crawford, Gibson, Orange, Pike, Spencer	\$60,000	Cover Crop/Vincennes University rain garden/barrel	Year 2 report complete and reviewed. Final Report due 5/31/15
Fulton	White	\$40,000	CREP/Cover Crop-hiring contractor.	Project Complete

Hamilton	Marion, Hancock, Madison	\$60,000	urban coordinator staff	Year 2 report complete and reviewed. Final report due 1/31/15
Howard	Carroll, Clinton, Madison, Tippecanoe, Tipton	\$60,000	research project	Year 2 report complete and reviewed. Final Report due 5/31/15
Jackson	Jefferson, Jennings, Scott	\$60,000	CREP cost share for people not eligible for FSA programs	Project Complete
Jennings	Decatur, Bartholomew	\$60,000	CCSI, bundling incentive	Year 2 report complete and reviewed. Final report due 1/31/15
Johnson	Morgan	\$60,000	conservation BMPs	Year 2 report complete and reviewed. Final report due 1/31/15
Knox	Sullivan, Greene, Davies, Gibson, Pike, Dubois, Warrick	\$60,000	OFN on released coal lands	Year 2 report complete and reviewed. Final report due 1/31/15
Miami	Wabash, Kosciusko	\$60,000	technical assistance	Year 2 report complete and reviewed. Final report due 1/31/15
Newton	Benton, White, Pulaski, Starke, Lake, Porter, Jasper	\$100,000	cover crop and data collection	Year 2 report complete and reviewed. Final report due 1/31/15
Pike	Gibson	\$33,000	bi-county technician	Year 2 report complete and reviewed. Final report due 1/31/15
Randolph	Delaware	\$15,000	CREP cost share for people not eligible for FSA programs	Year 2 report complete and reviewed. Final report due 1/31/15
Steuben	LaGrange,	\$60,000	BMPs for Amish and English underserved	Project Complete
Vermillion	Fountain, Parke, Montgomery	\$60,000	local CCSI contractor	Project Complete
Warrick	Gibson, Pike, Posey, Vanderburgh	\$20,000	cover crops on ag land and gardens	Project Completed
Washington	Lawrence, Martin, Orange	\$60,000	BMPs in Karst area	Year 2 report complete and reviewed. Final report due 1/31/15
Whitley	Allen, Huntington, Wells	\$60,000	cost share and TA to a new audience	Year 2 report complete and reviewed. Final report due 1/31/15

2013 Clean Water Indiana Watershed Grants

For 2013, the State Soil Conservation Board (SSCB) voted to hold a grant program similar to the 2012 CWI grant program, focusing on multi-district, multi-year grants. The focus for this round of grant funding includes:

- Cost Share Incentives/On Farm Demonstrations
- Increase Direct Technical/Professional Assistance to Land users
- Adult Education

The total amount awarded was \$612,000.

Lead District	Other Participating Districts	Amount	Details	Status
Allen	Adams, Wells	\$70,000	Connecting Communities to Conservation	Year 1 report reviewed. Year 2 report due 1/31/15
Boone	Clinton	\$70,000	Watershed Land Treatment	Year 1 report reviewed. Year 2 report due 5/1/15
Dearborn	Ohio, Switzerland	\$70,000	Dearborn, Ohio and Switzerland County Water Quality Improvement Project	Year 2 report due 1/31/15 <i>All grant funds have been allocated</i>
Gibson	Posey	\$25,000	Gibson/Pike Continuous Cooperative Partnership	Year 2 report due 1/31/15 <i>All grant funds have been allocated</i>
Hancock	Hamilton, Madison, Marion	\$70,000	Implementing Backyard Conservation in the Fall Creek Watershed	Year 2 report due 1/31/15
Jefferson	Clark, Jackson, Jennings, Scott	\$70,000	Better Soil. Cleaner Water. More profit	Year 2 report due 1/31/15
Martin	Jasper, Lawrence, Orange, Washington	\$70,000	Drought Relief Incentives for Pastures (DRIP)	Year 2 report due 1/31/15
Orange	Martin	\$70,000	Lost River Nutrient and Sediment Reduction Initiative	Year 2 report due 1/31/15
Owen	Monroe	\$70,000	McCormick's Creek Watershed Nitrification, Sedimentation and Bacterial Reduction Partnership	Year 2 report due 1/31/15
Posey	Vanderburgh, Warrick	\$27,000	Southwest Indiana Cover Crop Program	Year 2 report due 1/31/15

More information on Clean Water Indiana grants, including printable flyers, can be found at

<http://www.in.gov/isda/2379.htm>

2014 Clean Water Indiana Watershed Grants

For 2014, the State Soil Conservation Board (SSCB) voted to hold a grant program similar to the 2012 and 2013 CWI grant programs, focusing on multi-district, multi-year grants. The focus for this round of grant funding includes:

- Cost Share Incentives/On Farm Demonstrations
- Increase Direct Technical/Professional Assistance to Land users
- Adult Education

The total amount awarded was \$724,000.

Lead District	Other Participating Districts	Amount	Details	Status*
Washington	Lawrence Martin Orange	\$72,300	United for Cleaner Water	Year 1 report due 1/31/15
Posey	Gibson Pike Vanderburgh Warrick	\$51,000	Southwest Indiana Cover Crop Program	Year 1 report due 1/31/15
Gibson	Pike	\$75,000	Gibson and Pike Continuous Cooperative Partnership	Year 1 report due 1/31/15
Jennings	Jackson Jefferson; Scott	\$75,000	Muscatatuck Watershed Incentive Program	Year 1 report due 1/31/15
Knox	Daviess Pike	\$22,500	Tri County Conservation Initiative	Year 1 report due 1/31/15
Jasper	Benton Lake Newton Porter	\$49,200	Facilitating High Clearance Seeding of Cover Crop in NW Indiana	Year 1 report due 1/31/15
Pulaski	Fulton White	\$75,000	Cover Crops-Above and Beyond	Year 1 report due 1/31/15
Vanderburgh	Posey	\$39,250	Two Stage Ditch	Year 1 report due 1/31/15
Vermillion	Boone Fountain Montgomery Parke Warren	\$75,000	West Central Improvement Project	Year 1 report due 1/31/15
Perry	Crawford, Harrison	\$39,750	Sustainable Livestock Initiative	Year 1 report due 5/1/15
Pike	Gibson	\$75,000	Pike Gibson Conservation Initiative	Year 1 report due 5/1/15
Warrick	Pike	\$75,000	Warrick/Pike Joint County Conservation Technician/Education Cooperative	Year 1 report due 1/31/15

*Note: Annual reports to be submitted for 2014 CWI grants. Additionally, conservation practices must be entered to the "Conservation Project Tracking" sheet at least quarterly.



HOWARD COUNTY SOIL & WATER CONSERVATION DISTRICT
1103 SOUTH GOYER ROAD * KOKOMO, INDIANA 46902-2777
Phone: 765-457-2114 ext. 3 * Email: swkoko@att.net

May 28, 2014

State Soil Conservation Board

Re: CWI Grant EDS #A337-12-SWI-022

Amount: \$60,000.00

Dear State Soil Conservation Board,

When this grant was written Adult Education was included with zero dollars of CWI funds. A field day is planned at the end of the grant and there will be no cost associated to this event using CWI funding.

We would like to request that \$1,000.00 of the \$60,000.00 be used for Adult Education. The funds will be used to create a report that will contain the data collected throughout the grant period.

Our goal is to create a report that may be useful to landowners within the Wildcat Creek Watershed and beyond when considering the use of cover crops as part of their cropping systems.

Thank you for your consideration.

Sincerely,

Shane A. Campbell, Chairperson
Howard County SWCD

February 19, 2014

Attention: Cass County Soil & Water Conservation District

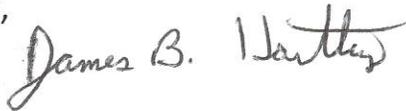
906 W. Broadway

Logansport, IN 46947

I, James Brian Hartley, am resigning from the Cass County Soil & Water Conservation District Board due to unforeseen circumstances.

Due to my job, I am unable to attend the District Board meetings and would like to free up my position for someone else.

Sincerely,

A handwritten signature in cursive script that reads "James B. Hartley". The signature is written in dark ink and is positioned to the right of the word "Sincerely,".

J. Brian Hartley

- **2012 National Ag Statistic Service (NASS) Ag Census data was released on 5/2**
 - IN Ranks second in the nation in cover crop acreage behind Texas (in 2012)
 - Cover crop planting is a great indicator of Ags commitment to environmental stewardship. If farmers are adopting cover crops they are likely utilizing many other conservation practices on the farm as well
 - IN Ranks 9th nationally in use of No Till acreage
 - Note: All of these rankings are based on acreage, obviously many states are larger than IN
 - IN Ranks 8th nationally in use of Conservation Tillage
 - Both No Till and conservation tillage reduce soil erosion and nutrient loss to waters of the State AND reduce diesel fuel usage
- **IN On Farm Network <http://www.in.gov/isda/ofn/>**
 - A collaborative project between ISDA, IN Corn Marketing Council, IN Soybean Alliance, USDA-NRCS, Iowa Soybean Association, and others, on its 4th year, has grown to 25 groups across the state this year
 - IN OFN, and adaptive nutrient management project is second only in size nationally to the Iowa OFN
 - Field staff are currently in process of gathering fertilizer history for over 650 fields this year and digitizing field boundaries in preparation for gathering aerial imagery of fields via airplane later in the growing year. Over 50,000 acres of high quality aerial imagery will be captured this year to help growers learn more about Nitrogen fertilizer management in corn
 - This program is offered at zero cost to IN farmers
 - Last year’s results (all anonymous) are posted to the IN OFN website:
<http://www.in.gov/isda/ofn/results.htm>
- **FARM Bill**
 - FARM Bill is released and many programs are slowly being initiated
 - DC is still working on guidance for implementation under this new FARM Bill
 - This is a first for the Conservation Title to have more funding than the Commodity Title
 - Many of the conservation programs have been streamlined and combined into fewer programs
 - This is a positive, will help eliminate some red tape, make it easier for growers to enroll
- **IN Nutrient Reduction Strategy <http://www.in.gov/isda/2991.htm> (EPA Mandate of Mississippi River Basin States)**
 - Led by ISDA and IDEM IN is one of 9 states to have the first draft completed and submitted to EPA
 - There are 31 states in the Mississippi River Basin
- **IN/EPA Relations (Ag)**
 - Top EPA Ag official Tom Davenport visited with IN Ag entities 4/16 and toured the Eagle Creek watershed project (One of Indy’s drinking water sources) and visited with farmers employing the latest in conservation technologies
 - Mr. Davenport was pleased with his visit and asked if the IN partners could arrange another tour for some of his employees so they could see firsthand some of the great things going on in IN. On 6/20 six EPA officials will be coming to Indy to meet with IN Ag partners and tour the Eagle Creek project.
- **National Association of Conservation Districts (NACD) Soil Health Forum and Conservation Tour in Indy July 21-22 <http://www.nacdnet.org/events/summer2014>**
 - This NACD event, national in scope has traditionally been held in DC. This year NACD decided to highlight the Soil Health leadership and efforts in IN
 - A large number of DSC staff will be in attendance
 - State and federal legislature, EPA officials, USDA officials, and many others will be in attendance
- **Load reduction modeling (using science to show how conservation projects directly improve water quality)**
 - ISDA has spearheaded these efforts while working with EPA ISDA has assisted DNR and IDEM and now NRCS with calculating load reductions for conservation projects telling a whole new story of how voluntary conservation directly benefits water quality for the benefit of all
 - IN is well ahead of other states in these efforts and has great support from EPA both in Region 5 and DC
 - IN (ISDA) is utilizing a model developed by EPA themselves to calculate these reductions

SSCB 2014 June Meeting**Technical Assistance Report – Jim Woody/Deb Fairhurst****Field Staff Activities*****January 1, 2013 – May 9, 2014***

Resource Specialist Activities	Total
SWCD Board Meetings	125
ICP Meetings, Conference Calls, Webinars, etc.	172
Field Days	53
Training	156
Conservation Planning	89
Survey, Design and Inspections	362
Construction	121
Public Interaction	10,048
CREP – Met with Landowners	37
SWCD Annual Meetings	33
FAC Meetings	2
CCSI Activities	6
IDEM 319 Meetings	2
OFN Activities	18
Watershed Steering Committee Activitiy	16

DSC Conservation Workload***January 1, 2013 – May 21, 2014***

Action	Currently Reported
Technical Assistance	623
Practices Underway	132
Completed Practices	43
Practice Acres	510
Practice Feet	41,230
Field Acres	1,977
Nitrogen Reduction	4,612 lbs.
Phosphorus Reduction	2,320 lbs.
Sediment Reduction	2,202 tons
Total Watersheds (HUC8) Impacted	20

Agricultural Affairs Update

Meg Leader

On Farm Network

- We completed the last of our 16 2013 Winter Grower Meetings to present the data back to the participants.
- All the viable RST reports were completed and printable reports were sent to the Group Leaders to be returned to their growers. RST that were not completed had abbreviated reports generated that included the field's imagery and CSNT results. Group Leaders were briefed on why there was a problem with that field.
- All the 2013 reports have been uploaded to <http://www.in.gov/isda/ofn>.
- Group leaders were surveyed to see if there were any major issues that needed to be addressed as OFN moves forward. Corn and Soy offered two randomly drawn \$250 prizes to the SWCD's of the people that completed the survey. 23 group leaders and their assistants completed the survey. Clinton and Delaware Counties received the prizes.
- I developed two new brochures for make it easier for growers to understand the requirements of participation. One focuses on GSS while the other focuses on RST.
- Groups for 2014 has been capped at 25. The new groups will be in Lawrence, Clay, Fulton, Porter, Noble and Fountain/Warren Counties. Whitney County has added a second OFN group and the Eagle Creek group will be active.
- All groups have their registration paperwork and are busy registering fields. We have set a goal of having all fields registered by June 16.
- The OFN section of SharePoint has been updated to include an area for Group Leaders to hold discussions and a calendar.
- Iowa Soybean Association is hosting a OFN training workshop in Iowa in July that is open to Group Leaders. Eight group leaders have express interest in attending dependent on the date.
- Hans Kok, Dan Towery and myself have a two-day training scheduled with Tracy Blackmer in July to discuss the information that is presented at the Winter Grower Meetings.
- A review of the 2011 to 2013 field information shows that about 55% of the fields enrolled in OFN are conventionally tilled.

Conservation Cropping Systems Initiative

- I spoke at the Advance Cropping Systems workshops on March 17, 19 and 20 about the differences between On Farm Research and putting in a check strip.

Red Gold Environmental Stewardship Program

- I spoke at all three of Red Gold's Grower Meetings March 27 and April 1 and 2. I introduced this year's Stewardship Program application. At Red Gold's request, I asked Kyle Schwarzkopf of AirScout to join me and speak about aerial imagery.
- We received 36 Stewardship Applications, which we are in the middle of scoring. This is nearly a twice the number previously received.

SSCB June 2014 Meeting

Accountability & Technology Report - Deb Fairhurst

ICP Conservation Workload

Deb coordinated with ICP Partners including Gary Langell, Doug Nussbaum, Mary Lou Renshaw to gather conservation practice data from DNR and IDEM to include in the 2014 statewide conservation workload maps and nutrient load reduction maps.

DNR will not be able to conduct the Region 5 Model analysis on their Game Bird Development Program and CSP practices due to staff shortages. Currently, Logan Garner and Julie Harrold are evaluating the data to determine if it contains the necessary parameters to conduct the Region 5 Model analyses.

DNR's Lake and River Enhancement Program has utilized the Division SharePoint database to create an Excel spreadsheet to capture their conservation workload and nutrient load reductions. There should be no issue in mapping their practices.

IDEM provided Deb with their GRTS data. The data meshes well with the Division data and should map easily.

Deb and Logan analyzed the 2013 NRCS practice data to determine how many practices would need Region 5 Model calculations and determined that 15,030 of the 28,947 practices qualified for nutrient load reductions. The Division is researching how they might go about capturing nutrient load reductions for the NRCS workload.

ICP Reports Web Application

Deb continues to coordinate with IN.gov to upgrade the ICP Reports web application. To date, IN.gov has completed the following:

- Created the WebCMS pages which allow SWCDs to enter their success story, photos and contact information.
- Uploaded the 2013 ICP funding data to the District web pages.
- Added 2013 to the year dropdown box.

Deb tested the web application last week and found the Print PDF and Save PDF functionality was not working. IN.gov developers are working to correct the issues.

ISDA-District Support Specialists Team Activity Report (February 27-May 14, 2014)

Major Activities or Events:

- Four SWCD Supervisors and Staff Region meetings were held statewide in March. The sessions included presentations on ISDA's SharePoint and the ICP's website, Rule 5, leadership presentations by key speakers, and agency updates. Approximately 234 people were in attendance.
- Planning is underway for the August Chair/Vice-Chair workshop, in partnership with IASWCD and SSCB. This year topics will focus on human resources.
- Janet Ayres provided Facilitation Training to the DSSs and other key ISDA staff
- DSSs received training in Region 5 Model

Ongoing Key Support:

- Board meetings: DSSs have attended 33 SWCD Board Meetings in the following counties and assisted with various topics- Adams, Allen, Benton, Carroll, Clark, Clinton, Crawford, DeKalb, Fayette, Floyd, Howard, Huntington, Jackson, Jennings, Jefferson, LaGrange, LaPorte, Lawrence, Marion, Marshall, Montgomery, Newton, Noble, Owen, Spencer, Starke, Steuben, Tippecanoe, Tipton, Vanderburgh, Warrick, Washington
- DSSs have attended 14 SWCD annual meetings (Allen, Brown, DeKalb, Delaware, Jackson, Jennings, Knox, Madison, Monroe, Ohio, Rush, Steuben, Wabash). This includes providing support to the election committee as needed, performing the oath, and presenting information/awards.
- Business Plans: Nathan, Jennifer and Laura have been assisting SWCDs with the development of long range business plans and/or annual plans of work- Daviess, Jackson, Washington, Wells
- DSSs have been assisting various SWCDs, SSCB Executive Committee, and the SSCB Grants Committees with issues and topics tying to the Clean Water Indiana grants program
- Conservation Cropping Systems Initiative: all DSSs continue to provide support to this program as they work with their Hubs and Hub Leadership Teams, and associated roles
- New SWCD Staff Training: Laura has provided training in Washington and Lawrence counties, and Nathan in Owen Co
- New SWCD Supervisor Training: Geneva provided training in Tippecanoe and Warren Counties. Nathan provided training to Owen and Putnam counties. Entire board trainings were provided in Brown, LaGrange, LaPorte, Hendricks, and Noble counties.
- SWCD Staff visits: DSSs visited staff and provided training, assistance with various projects or tasks, and provided guidance (Adams, Allen, Clay, Fountain, Greene, Hancock, Johnson, Morgan, Orange, Owen, Sullivan, Tippecanoe, Vermillion, Vigo)
- SWCD Supervisor visits: Jennifer visited with Supervisors in Adams Co
- Nathan assisted Owen Co with a 319 grant application. Jennifer has been involved with forming thoughts for a potential proposal for the Regional Conservation Partnership Program in the Western Lake Erie Basin.
- DSSs have provided assistance to SWCDs as submitted their final AFRs and Gateway materials
- Workshops, Meetings, and Trainings:
 - Jennifer attended a cover crop field day in Jay Co, soil workshop in Elkhart Co, CCSI Advanced Soil Health Workshop, and an indoor pasture walk in Kosciusko Co. She also attended two events tying to the 4R nutrient stewardship certification program
 - Geneva attended the Women Caring for the Land meeting, one grant writing training, one facilitation webinar, the Porter County soil health workshop/field day, and On-Farm Network[®] meetings in Tipton and Boone Counties.
 - Laura attended an On-Farm Network[®] meeting in Washington Co led by Meg Leader, a facilitation webinar, soil health webinar, and completed several SPD Core Supervisor Trainings

- Tara attended the Indiana Livestock, Grain, and Forage Forum, and a kickoff meeting for the Upper Mississinewa
- DSSs assisted SWCDs with tasks related to election paperwork and materials

Committees and Advisory Roles: DSSs have been involved serving on various committees and accomplishing related tasks. They've also served in advisory roles at several key events.

- Laura: ICP Training and Certification Program (including tasks related to the release of the Individual Development Inventory, and several committees planning upcoming workshops for 2014), and Indiana Watershed Leadership Academy
- Jennifer: planning and zoning topics, and Leadership Group for the Western Lake Erie Basin
- Geneva: IASWCD 2015 Annual Conference committee and State Soil Conservation Board duties
- Nathan: Pathway to Water Quality, and Pathway to Water Quality Ag Committee
- Tara: Water Quality Trading, including in-field verification reports and serving on the Ag Agency Speaker Panel at the Water Quality Training Media Event in Cincinnati

Other Key Items:

- Geneva represented ISDA at the March IDEA Directors meeting
- Laura met with four southwest SWCDs and Scott Ham to discuss in detail CWI grants and other topics
- Tara presented at the Ohio Co. Farm Bureau Annual Meeting with the presentation "ISDA, Conservation, and You"
- Jennifer facilitated a contractor breakfast for Kosciusko SWCD and the City of Warsaw

Upcoming Events:

- June 11 (Lafayette), 17 (Winslow), 25 (Wabash), 30 (North Vernon): Regional Conservation Partnership Program grants workshops
- June 25: SW SWCD staff meeting, Spencer
- July 8: LARE/319 Grant Workshop for SWCDs, Montgomery
- July 24: NW SWCD/DSC staff meeting, LaPorte
- August 26: SWCD Chair/Vice-Chair Summer Summit, Indianapolis
- September 5 & 6: Leadership Institute, "Board Development", French Lick (Lead DSS: Laura)
- December 12 & 13: Leadership Institute, "Leadership in Change", Lafayette (Lead DSS: Geneva)

**Note: due to the large amount of data summarized, errors or omissions may exist.*

ICP Training and Certification Program Team and the \$25k SSCB Grant

- Individual Development Inventories were released to ICP employees in May. IASWCD is collecting the data.
- Upcoming planned trainings include (subject to change):
 - "Conservation in the City"
 - Certified Professional in Erosion and Sediment Control
 - Beginner and intermediate raingarden workshops
 - Conservation selling skills: Chuck Hitzemann, Founder, Positive Growth International
 - Region V
 - Advanced nutrient management



**Indiana Association of
Soil and Water
Conservation Districts**

Protecting and enhancing Indiana's soil
and water resources for all Hoosiers

To: State Soil Conservation Board
From: Jeff Meinders, President, IASWCD
Date: Tuesday, June 3, 2014

Legislative Issues

- A funding task force has been created; first meeting was Feb. 27th and a subsequent meeting is scheduled for June 12.

Conservation Cropping Systems Initiative (CCSI)

- 2nd year of measurements started this spring;
- Workshops/field days continue;
- Oversight Committee continues to meet and plan for future;
- Partnerships/other grant opportunities being explored
- CCSI has won a "Merit" award from the International Soil and Water Conservation Society. Bob Eddleman and Les Zimmerman will accept the award in July at the national convention in Chicago.
- A small CCSI team will be giving a presentation on CCSI to the IL Association of SWCDs in July.

Pathway to Water Quality

- DeeDee Sigler has been contracted for 2014 to serve as the coordinator.
- Volunteer signup will be available after June 9.

Other

- NACD Soil Health Form and Tour -July 21 & 22. These days will be focused on a soil health program and tour. Go to <http://www.nacdnet.org/events/forum-and-tour-agenda> for registration and more information. A special thanks for CWI supporting a reduced registration fee for SWCD supervisors and staff.
- IASWCD will have a new staff person, Emily Neitzel, starting on June 10. Liz Rice will be leaving June 12 and heading to a Peace Corp mission in July.
- Multiple award applications are available for Districts – District Showcase Award, Friend of Conservation, Conservation Farmer of the Year, and Supervisor of the Year.
- IASWCD website has been redesigned – visit us at www.iaswcd.org

IASWCD

225 S. East Street
Suite 740
Indianapolis, IN 46202

Phone: 317.692.7325
Fax: 317.423.0756
Web: www.iaswcd.org

PRESIDENT:

Jeff Meinders
Ripley County

VICE PRESIDENT:

Paul Cummings
Owen County

TREASURER:

Mike Starkey
Hendricks County

SECRETARY:

Jamie Scott
Kosciusko County

EXECUTIVE DIRECTOR:

Jennifer Boyle Warner
Jennifer-boyle@iaswcd.org

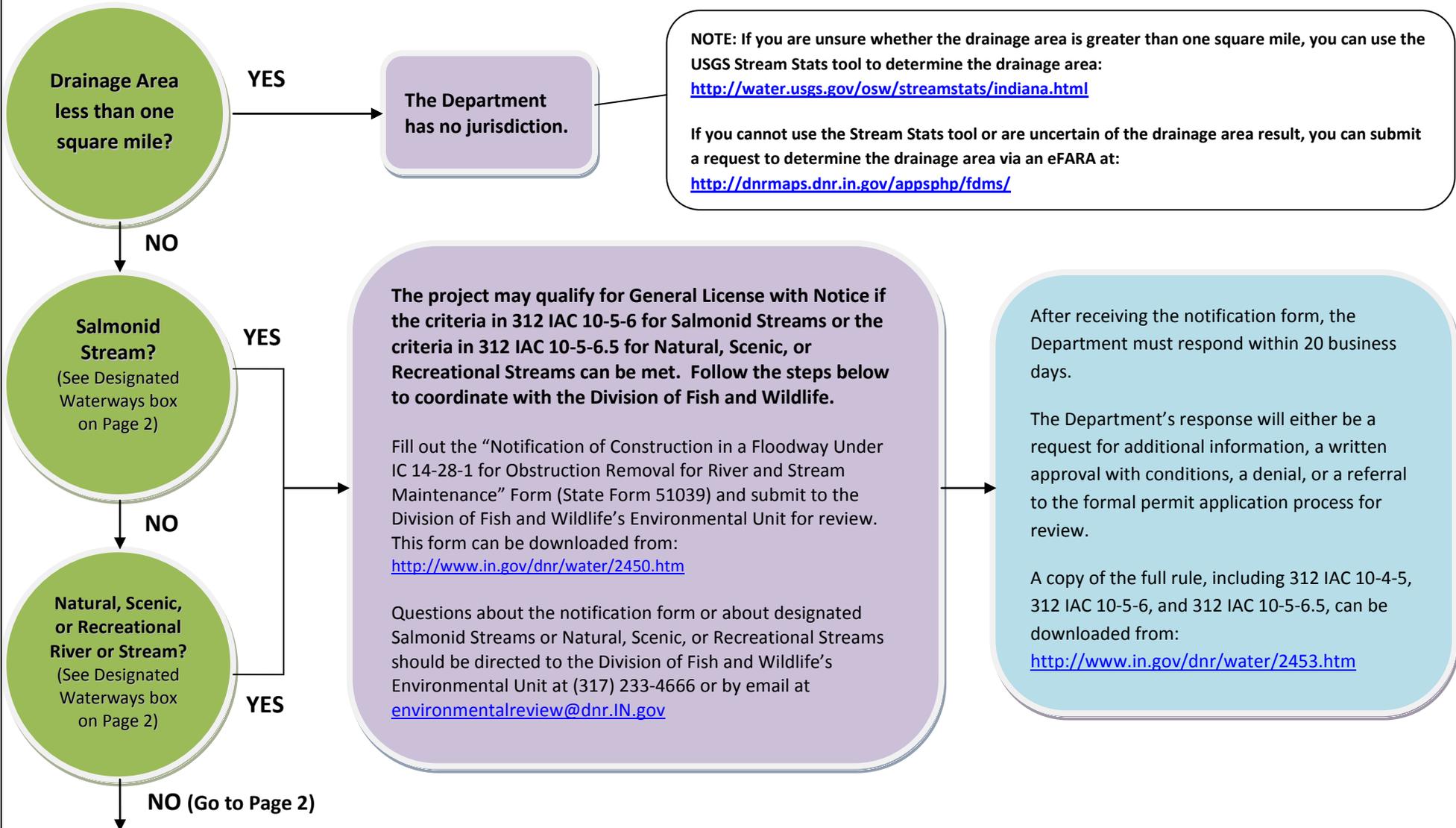
THE IASWCD MISSION is to represent SWCDs as one voice and assist the leadership of local Districts through coordination and education for the wise use and management of our natural resources.



Regulatory Guide for Removal of a Logjam or a Mass of Wood Debris from a Floodway



This document should be used as a reference to determine whether or not a logjam or mass of wood debris (see definitions on Page 2) can be removed without prior written notification and approval from the Department, with written notification to the Department, or if a formal permit application needs to be submitted for review. **This document is not in reference to removal of a sandbar from beneath a bridge.** Generally, the Department does not have funds available to assist in the removal of a logjam or mass of wood debris. Permission from the landowner is needed if working on property other than your own. If you have any questions about this document, please contact the Division of Water's Technical Services Section at (877) 928-3755, Option 1.



↓ (Continued from Page 1)

For projects along streams with an upstream drainage area of one square mile or greater and not along one of the designated waterways listed below, if the project meets the conditions in IC 14-28-1-22 (b) (6) (C) through (I), no correspondence with the Department is required:

IC 14-28-1-22 (b) (6)

(C) Except as otherwise provided in Indiana law, free logs or affixed logs that are crossways in the channel must be cut, relocated, and removed from the floodplain. Logs may be maintained in the floodplain if properly anchored or otherwise secured so as to resist flotation or dislodging by the flow of water and placement in an area that is not a wetland. Logs must be removed and secured with a minimum of damage to vegetation.

(D) Isolated or single logs that are embedded, lodged, or rooted in the channel, and that do not span the channel or cause flow problems, must not be removed unless the logs are either of the following:

(i) Associated with or in close proximity to larger obstructions.

(ii) Posing a hazard to navigation.

(E) A leaning or severely damaged tree that is in immediate danger of falling into the waterway may be cut and removed if the tree is associated with or in close proximity to an obstruction. The root system and stump of the tree must be left in place.

(F) To the extent practicable, the construction of access roads must be minimized, and should not result in the elevation of the floodplain.

(G) To the extent practicable, work should be performed exclusively from one (1) side of a waterway. Crossing the bed of a waterway is prohibited.

(H) To prevent the flow of sediment laden water back into the waterway, appropriate sediment control measures must be installed.

(I) Within fifteen (15) days, all bare and disturbed areas must be revegetated with a mixture of grasses and legumes. Tall fescue must not be used under this subdivision, except that endophyte tall fescue may be used in the bottom of the waterway and on side slopes.

If the project cannot meet the criteria above, a formal permit application review is required. A permit application form and additional information about the permit application process can be found at: <http://www.in.gov/dnr/water/2455.htm>

Designated Waterways:

1. SALMONID STREAMS are as follows and in: <http://www.in.gov/legislative/iac/T03270/A00020.PDF>

327 IAC 2-1.5-5 (3) Where natural temperatures will permit, surface waters shall be capable of supporting put-and-take trout fishing. All waters capable of supporting the natural reproduction of trout shall be so maintained. The following waters are designated as salmonid waters and shall be capable of supporting a salmonid fishery:

(A) Trail Creek and its tributaries downstream to Lake Michigan.

(B) East Branch of the Little Calumet River and its tributaries downstream to Lake Michigan via Burns Ditch.

(C) Salt Creek above its confluence with the Little Calumet River.

(D) Kintzele Ditch (Black Ditch) from Beverly Drive downstream to Lake Michigan.

(E) The Galena River and its tributaries in LaPorte County.

(F) The St. Joseph River and its tributaries in St. Joseph County from the Twin Branch Dam in Mishawaka downstream to the Indiana/Michigan state line.

(G) The Indiana portion of the open waters of Lake Michigan.

(H) Those waters designated by the Indiana department of natural resources for put-and-take trout fishing. (Refer to <http://www.in.gov/dnr/fishwild/3622.htm> for listing of put-and-take trout fishing locations.)

2. NATURAL, SCENIC, or RECREATIONAL RIVER or STREAM listing:

a) Blue River – Harrison, Crawford and Washington Counties

b) Cedar Creek – Allen and DeKalb Counties

c) Wildcat Creek – Tippecanoe and Carroll Counties

Further details can be found in 312 IAC 7-2, at: www.in.gov/legislative/iac/T03120/A00070.PDF

Definitions

312 IAC 10-2-26 "Logjam" defined:

"Logjam" means an accumulation of lodged trees, root wads, or other debris that impedes the ordinary flow of water through a waterway. The term does not include the development of sandbars, sedimentation, or accumulations of stone or gravel.

Logjams are evidenced by a blockage that does any of the following:

(1) Traverses the waterway.

(2) Causes upstream ponding.

(3) Results in significant bank erosion.

312 IAC 10-2-29.5 "Mass of wood debris" defined:

"Mass of wood debris" means an accumulation of lodged trees or other wood debris that is any of the following:

(1) Causing or threatening to cause flooding on a road or private property.

(2) Impeding navigation by a boat.

(3) Reducing the capacity of a waterway to transport water.

DNR News

Division of Fish & Wildlife

Indiana Department of Natural Resources
402 W. Washington St.
Indianapolis, IN 46204-2748

For immediate release: Aug. 28, 2013

Grants announced for 22 Indiana Lake and River Enhancement (LARE) projects

New grants for the care of Indiana's water bodies totaling \$768,500 have been awarded through the Lake and River Enhancement (LARE) program, part of the DNR Division of Fish & Wildlife.

The LARE program funds biological, engineering, construction and watershed land treatment projects throughout the state.

"For 25 years, the LARE program has focused on reducing sediment and nutrient inputs into water," said Mark Reiter, director of DNR Fish & Wildlife. "These grants continue that tradition while at the same time enhancing aquatic habitat and recreational potential for Indiana's lakes and rivers."

The projects involve 14 counties and more than 25 different lakes or rivers. Local sponsors submitted the applications and commit to sharing a portion of the total cost. DNR's share is generated by the Lake and River Enhancement fee paid annually by boat owners to the Bureau of Motor Vehicles. The LARE grants allow for the completion of projects that would be difficult for most local organizations to fund on their own.

The list of projects by watershed, county, project type and grant award:

August 2013 LARE Grant Awards		
Watershed (county)	Project type	Grant award
Big and Little Turkey lakes (Steuben)	Watershed land treatment	\$10,000

Browns Wonder Creek (Boone)	Watershed land treatment	\$20,000
Cable Run/Dewart Lake/Elkhart River (Noble, Kosciusko)	Design/build	\$40,000
Cedar Lake (Lake)	Construction	\$60,000
Croxton Ditch/Lake James (Steuben)	Construction	\$93,000
Deer Creek (Grant)	Design	\$13,000
Eagle Creek (Boone)	Design	\$32,000
Eel River (Wabash)	Engineering feasibility study	\$14,000
Eller Ditch/St. Joseph River (St. Joseph)	Engineering feasibility study	\$17,000
Fish Lake Watershed (Upper and Lower Fish lakes and Mud Lake (LaPorte)	Watershed Diagnostic study	\$38,000
James Lake (Kosciusko)	Design/build	\$19,000
Juday Creek (St. Joseph)	Construction	\$80,000
Lake Galbraith or Lake Gilbert (Marshall)	Construction	\$50,000
Lake James (Steuben)	Engineering feasibility study	\$31,000
Loeffler/Scott ditches (Gibson)	Watershed land treatment	\$13,500
Lozier Drain/Chapman Lakes (Kosciusko)	Design	\$16,000
Pigeon Creek (Steuben)	Watershed land treatment	\$40,000
Prairie Creek (Boone)	Design/build	\$43,000
Prairie Creek Reservoir (Delaware)	Design	\$24,000
Sugar Creek (Clinton)	Watershed land treatment	\$20,000
Trail Creek (LaPorte)	Engineering feasibility study	\$65,000
Wabash River (Tippecanoe)	Design/build	\$30,000
Total = \$ 768,500		

DNR News

Division of Fish & Wildlife

Indiana Department of Natural Resources
402 W. Washington St.
Indianapolis, IN 46204-2748

For immediate release: May 5, 2014

DNR grants address invasive aquatic plants in lakes

Department of Natural Resources grants totaling nearly \$520,000 will be used to fight invasive aquatic vegetation in Indiana's lakes.

The grants were awarded by DNR director Cameron F. Clark through the Lake and River Enhancement (LARE) program in the DNR Division of Fish & Wildlife.

The 41 projects involve 63 lakes in 16 counties. They were selected from applications submitted by local sponsors who share at least 20 percent of the total cost. DNR's portion comes from the LARE fee paid annually by boat owners to the Bureau of Motor Vehicles.

The grants allow for the completion of projects that are very difficult for local organizations to fund on their own.

"Selective treatments addressing these invasive plants in lakes helps to improve aquatic habitat and enhances recreational opportunities for fishing and boating," said Mark Reiter, director of DNR Fish & Wildlife.

Lake users will benefit from efforts to control or manage aggressive non-native species, including Eurasian watermilfoil, curly-leaf pondweed, and starry stonewort that can take over and clog lakes, if unchecked. The grants can also provide economic benefits to lake communities by improving and increasing public access opportunities for those who fish or pleasure-boat.

The list of projects by water body, county, project type and grant award:

May 2014 LARE Invasive Aquatic Vegetation Management Grant Awards		
Water body (County)	Project type	Grant award
Adams Lake (LaGrange)	Aquatic vegetation management survey, plan and treatment	\$11,800
Atwood Lake (LaGrange)	Aquatic vegetation management survey, plan and treatment	\$8,900

Barbee Lakes Chain area-Kuhn, Barbee, Little Barbee, Irish, Sawmill, Banning and Sechrist lakes (Kosciusko)	Aquatic vegetation management treatment	\$5,000
Bass Lake (Starke)	Aquatic vegetation management survey, plan and treatment	\$11,200
Beaver Dam & Loon lakes (Kosciusko)	Aquatic vegetation management treatment	\$5,000
Big Long Lake (LaGrange)	Aquatic vegetation management survey, plan and treatment	\$39,000
Big Turkey and Henry lakes (Steuben and LaGrange)	Aquatic vegetation management survey, plan and treatment	\$33,000
Bruce Lake (Fulton and Pulaski)	Aquatic vegetation management treatment	\$5,000
Center Lake (Kosciusko)	Aquatic vegetation management survey, plan and treatment	\$16,600
Chapman Lakes area-Big Chapman and Little Chapman lakes (Kosciusko)	Aquatic vegetation management survey, plan and treatment	\$24,000
City of LaPorte Area-Clear and Pine lakes (LaPorte)	Aquatic vegetation management survey, plan and treatment	\$14,300
City of LaPorte area-Stone Lake (LaPorte)	Aquatic vegetation management treatment	\$4,300
Crooked Lake (Steuben)	Aquatic vegetation management treatment	\$5,000
Dewart Lake (Kosciusko)	Aquatic vegetation management	\$20,800
Fish Lake area-Upper Fish, Lower Fish and Mud lakes (LaPorte)	Aquatic vegetation management survey, plan and treatment	\$36,800
Four Lakes area-Mill Pond, Kreighbaum, Cook and Holem lakes (Marshall)	Aquatic vegetation management survey, plan and treatment	\$14,800
Geist Lake (Marion and Hamilton)	Aquatic vegetation management survey and plan	\$7,200
Hamilton Lake (Steuben)	Aquatic vegetation management survey, plan and treatment	\$38,800
Heaton Lake (Elkhart)	Aquatic vegetation management treatment	\$5,000
Hudson Lake (LaPorte)	Aquatic vegetation management survey, plan and treatment	\$8,400
Jimmerson Lake (Steuben)	Aquatic vegetation management survey, plan and treatment	\$18,500
Koontz Lake (Marshall and Starke)	Aquatic vegetation management survey, plan and treatment	\$14,800
Lake George (Steuben)	Aquatic vegetation management treatment	\$5,000
Lake Lemon (Monroe and Brown)	Aquatic vegetation management treatment	\$5,000

Lake of the Woods (Marshall)	Aquatic vegetation management survey, plan and treatment	\$6,800
Lake of the Woods/McClish Lake (LaGrange)	Aquatic vegetation management survey and plan.	\$4,000
Lake Pleasant (Steuben)	Aquatic vegetation management survey, plan and treatment	\$10,700
Little Turkey Lake (LaGrange)	Aquatic vegetation management treatment	\$5,000
New Lake (Gibson)	Aquatic vegetation management survey and plan	\$4,000
Oliver, Olin and Martin lakes (LaGrange)	Aquatic vegetation management survey, plan and treatment	\$12,900
Pretty Lake (LaGrange)	Aquatic vegetation management survey and plan	\$13,600
Stone and Brokesha lakes (LaGrange)	Aquatic vegetation management survey, plan and treatment	\$12,900
Sylvan Lake (Noble)	Aquatic vegetation management treatment	\$5,000
Syracuse Lake (Kosciusko)	Aquatic vegetation management treatment	\$3,200
Tippecanoe Lake Chain-Tippecanoe, James and Oswego lakes (Kosciusko)	Aquatic vegetation management survey, plan and treatment	\$39,800
Valparaiso area-Flint Lake (Porter)	Aquatic vegetation management survey, plan and treatment	\$14,400
Valparaiso area-Long Lake (Porter)	Aquatic vegetation management treatment	\$2,500
Wall Lake (LaGrange)	Aquatic vegetation management survey, plan and treatment	\$7,300
Wawasee and Syracuse lakes (Kosciusko)	Aquatic vegetation management treatment	\$5,000
Webster Lake (Kosciusko)	Aquatic vegetation management treatment	\$5,000
West Otter Lake (Steuben)	Aquatic vegetation management survey, plan and treatment	\$9,500
Total = \$519,830		

Media contact: Greg Biberdorf, LARE program manager, DNR Division of Fish & Wildlife, (317) 233-1484.

DNR News

Division of Fish & Wildlife

Indiana Department of Natural Resources
402 W. Washington St.
Indianapolis, IN 46204-2748

For immediate release: May 20, 2014

DNR grants to address sediment and logjams

Six Indiana counties will fix sediment and logjam problems in lakes and rivers thanks to \$691,000 in grant funding this spring from the DNR.

The grants are part of the Lake and River Enhancement (LARE) program in DNR's Division of Fish & Wildlife.

The 10 projects selected for the spring 2014 involve seven lakes and four waterways. They were selected in a competitive process from among applications submitted by local sponsors. The grantees must share at least 20 percent of the cost.

LARE grants are funded through an annual fee paid by boat owners to the Bureau of Motor Vehicles. These grants allow for the completion of projects that would be difficult for local organizations to fund on their own.

"These projects will enhance public accessibility to selected Indiana waterways and lakes, enhancing recreation potentials for boaters, anglers, paddlers, and others who enjoy Indiana's lakes and rivers," said Mark Reiter, director of DNR Fish & Wildlife.

The sediment removal grants will increase public access to lakes through selective dredging of areas heavily used by boaters, including some DNR Public Access Sites, and lake inlets that are a source of sediment to the lakes. The logjam removal projects should reduce the erosion caused by streams diverted by logjams. The clearing will provide better access for boats, kayaks and canoes, and reduce erosion and sedimentation into rivers and creeks.

The list of projects by water body, county, project type and grant award:

May 2014 LARE Logjam and Sediment Removal Grant Awards		
Water body (County)	Project type	Grant award

Clear and Round lakes (Steuben)	Sediment removal plan	\$7,500
James Lake (Kosciusko)	Sediment removal	\$127,800
Pigeon River (LaGrange)	Logjam removal	\$17,600
Plummer Creek (Greene)	Logjam removal	\$20,000
Pretty Lake (LaGrange)	Sediment removal	\$69,000
Salt Creek (Brown)	Logjam removal	\$32,000
Simonton Lake (Elkhart)	Sediment removal	\$200,000
Snow Lake (Steuben)	Sediment removal	\$74,800
Tippecanoe Lake (Kosciusko)	Sediment removal	\$102,300
Tippecanoe River (Kosciusko)	Logjam removal	\$40,000
Total = \$691,000		

Media contact: Greg Biberdorf, LARE Program Manager, (317) 233-1484.

State Conservationist Report June 2014

Farm Bill Updates

The **Voluntary Public Access and Habitat Incentive Program (VPA-HIP)** is a national competitive grant program to allow state agencies to work with private landowners and managers to create public recreation opportunities. Proposals are due June 16 at www.grants.gov, grant number USDA-NRCS-NHQ-VPA-HIP-14-10.

Applications for the **Agricultural Conservation Easements Program (ACEP)** continue to be accepted for the purchase of conservation easements on agricultural lands and wetlands through June 6. More information is available at <http://www.nrcs.usda.gov/wps/portal/nrcs/site/in/home/>, click on the blue 'Programs' box, or type 'ACEP' in the search box.

The deadline for the **National Water Quality Initiative (NWQI)** has been extended to **June 20**. This program is available in three priority watersheds in Indiana (Silver Creek, Ell Creek or Eagle Creek Reservoir) where on-farm conservation investments will deliver the greatest water quality benefits. State water quality agencies and local partners also provide assistance with watershed planning, additional dollars and assistance for conservation, along with outreach to farmers

The **Regional Conservation Partnership Program (RCPP)** will direct Farm Bill conservation program dollars to targeted geographic areas and resource concerns. Partner proposals will be solicited on www.grants.gov at the end of May. Information meetings will be held throughout the state in June. The morning session will be to review the requirements of the proposals, and the afternoon will allow time to answer questions and collaborate with partners on project ideas. Thanks to ISDA DSSs for helping to set these meetings up!

- Southeast: June 10, Jennings County Library, 10-3:30
- Northwest: June 11, Tippecanoe Co. Public Library, 10:30-4
- Northeast: June 16, Manchester University Science Center, 9-3 (bring a lunch)
- Southwest: June 17, Sugar Ridge Fish and wildlife, 9-3 (bring a lunch)

NACD Summer Meeting – Focus on Soil Health

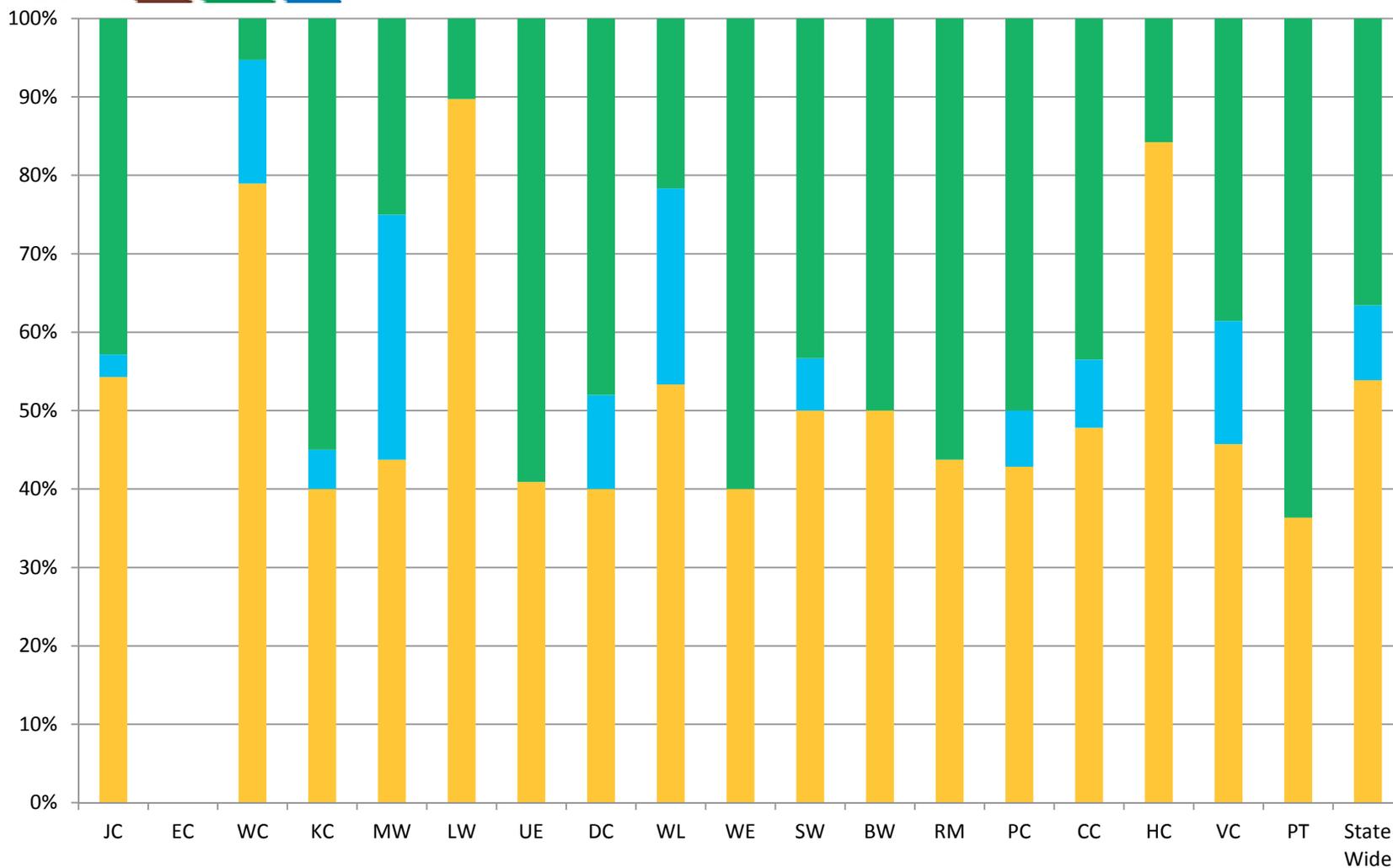
The NACD Summer meeting will be held here in Indianapolis July 21-23rd. On Monday July 21 we will share our successes and highlight Indiana's Conservation Cropping System Initiative (CCSI) during presentations and panels on soil health. On the 22nd, tours will include Starkey Farms/Little Ireland Farms, Legan Farms, and Rulon Enterprises to talk with various experts about "everything soil health"—from equipment modifications to water monitoring to manure utilization to economics, and more. The day will wrap up at the Indiana State Fairgrounds with tours of the Pathway to Water Quality, Glass Barn and Normandy Barn. Wednesday will feature a Soil Health Technical Training. Don't miss this opportunity to network with conservation leaders from across the country!

A special discount is available for SWCD Supervisors and staff by choosing the "IN SWCD Staff and Supervisors" option when registering to **save \$75!** This is only available to the first 133 people that sign up. Online and paper registration options are available at www.nacdnet.org/events/summer2014.



2013 IN OFN Fields Tillage Summary

(42,000 acres)



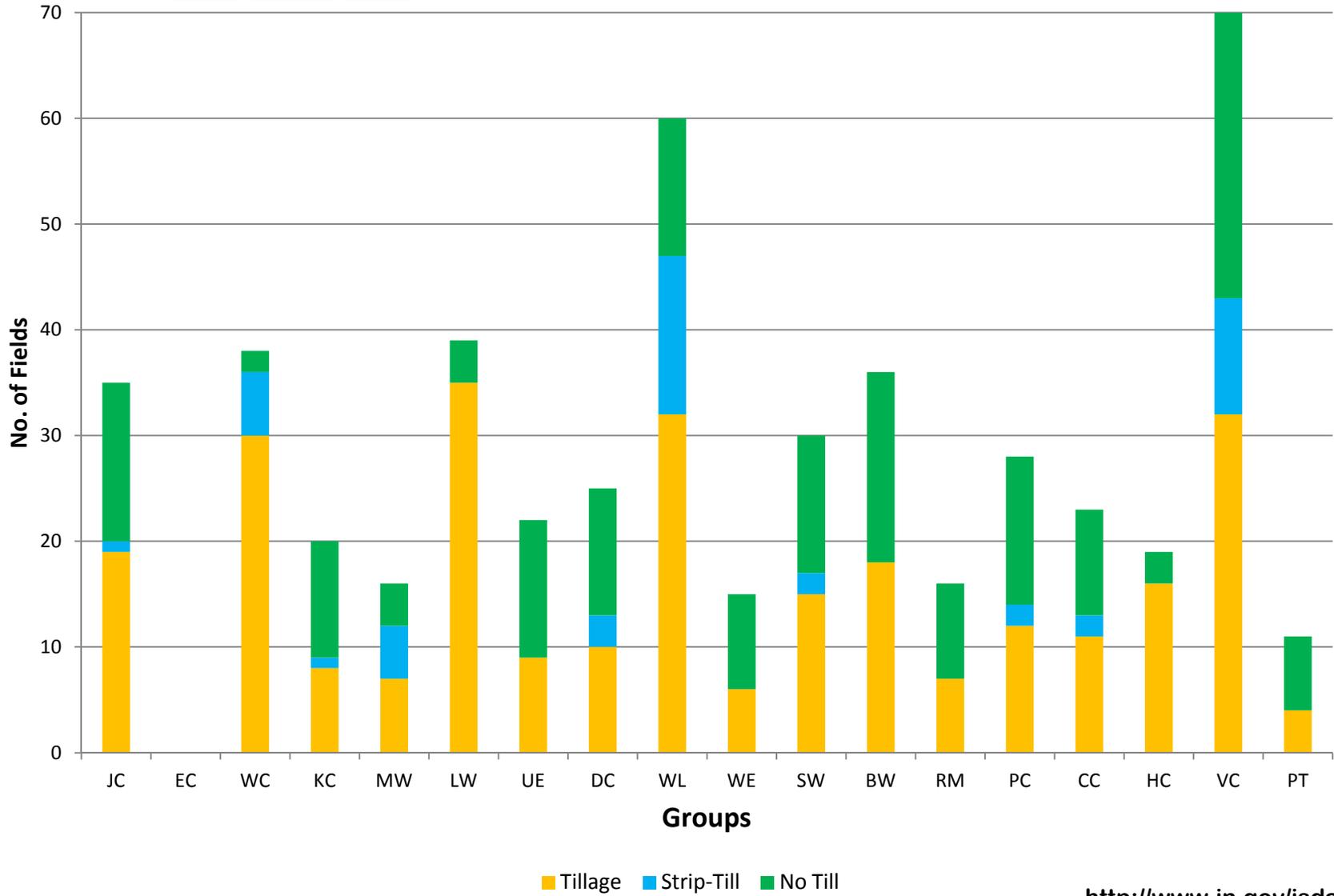
Groups

Tillage Strip-Till No Till

<http://www.in.gov/isda/ofn>



2013 IN OFN Fields Tillage



Indiana On-Farm Network®

The On-Farm Network® is a group of crop producers interested in economics, stewardship, and reducing their environmental footprint.

The goal of the Indiana On-Farm Network® is to advance two critical components in driving improved farm-level performance:

- 1) access to and education on the use of effective, affordable tools and strategies to assess and verify on-farm environmental and economic performance
- 2) coordination of data collection, analysis, and feedback to farmers using these tools at the individual farm level and in aggregate across multiple farms in a geographic region.



Participating in OFN Guided Stalk Sampling Requires:

- Share field history
- Share management information
- Participate in small group meetings

Participants receive GSS reports at the Winter Meetings.

For more information contact:

Meg Leader, ISDA at mleader@isda.in.gov or 317.460.6158



Indiana On-Farm Network®
1 North Capitol Ave., Ste. 600
Indianapolis, IN 46204
www.indianaonfarmnetwork.org

Rev: 14.00



Improving Profitability and the Environment.

Participating in OFN Guided Stalk Sampling



www.indianaonfarmnetwork.org

OFN Guided Stalk Sampling allows participants to gain access to a variety of tools to benefit their bottom line and the environment by improving nitrogen management. These tools help assess nitrogen status and identify opportunities to improve efficiency and profit.

OFN Guided Stalk Sampling (GSS) can be collected in almost any field planted in corn. Participation in the program does not require a particular type of tillage, nutrient management or GPS-enabled equipment.



Due to the diverse partnership of public, private, and non profit entities this program is available to growers at no cost.

Participants share field history and management information and in return receive information on not only their own fields but others in their local group (after identifying information is removed and management information is reduced to generalities). Growers also receive summaries of the regional and state-wide data comparing field management with testing results.

This brochure covers the basics. Contact a Group Leader for more information.

GSS Participation

- Each grower may enroll 1 to 4 fields. (Check with your Group Leader for their recommendation for your local group.)
- Fields should be 20 to 80 acres in size with 160 acres maximum. Larger fields should be subdivided, or should only look at a portion of the total field.
- Fertilizer is reported in actual pounds of nitrogen applied, not units of product applied.

Trial Field Selection

- Fields should be representative of your operation.
- An alternate field may replace the field initially selected if planting/emergence is unsatisfactory. Field selection must be final by June 15. (Your Group Leader may have an earlier cutoff date.)
- Any variation in cropping patterns over the last 5 years should be noted in the box marked “Please illustrate below”.
- Large fields with different management practices should be subdivided and enrolled in OFN as separate fields.
- Variable rate planting and variable rate fertilizer application should be avoided in the fields enrolled for Guided Stalk Sampling.
- Fields planted with hybrids that require the use of refuge may be enrolled. The location of the refuge in the planter should be noted in the box marked “Please illustrate below”.
- Fields where the planter has been split between two or more varieties should be avoided when possible. When not possible, be aware that the locations chosen for stalk sampling will attempt to focus on only one variety.

Black Layer and Harvesting

- Contact your Group Leader when you think the field is approaching black layer.
- Corn stalk samples need to be collected before the field is harvested.
- Not Required: Bring your yield maps to the Winter Meeting - electronic files or paper copies - to aid in the discussion.



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Indiana On-Farm Network®

The On-Farm Network® is a group of crop producers interested in economics, stewardship, and reducing their environmental footprint.

The goal of the Indiana On-Farm Network® is to advance two critical components in driving improved farm-level performance:

- 1) access to and education on the use of effective, affordable tools and strategies to assess and verify on-farm environmental and economic performance
- 2) coordination of data collection, analysis, and feedback to farmers using these tools at the individual farm level and in aggregate across multiple farms in a geographic region.



Participating in OFN Replicated Strip Trials Requires:

- GPS equipped nitrogen application
- Calibrated GPS equipped yield monitor
- Flags (to supply redundancy)

Participants receive RST reports at the Winter Meetings

For more information contact:

Meg Leader, ISDA at mleader@isda.in.gov or 317.460.6158



Indiana On-Farm Network®
1 North Capitol Ave., Ste. 600
Indianapolis, IN 46204
www.indianaonfarmnetwork.org



Improving Profitability and the Environment.

*Setting Up
OFN*



*Nitrogen Replicated
Strip Trials*



OFN Replicated Strip Trials allow participants to use precision ag tools and technologies to conduct research on their own farms. The farmers use this data from their own farms and others in their area to evaluate the effectiveness and economic pros and cons of different management practices, such as nutrient application rates, timing, and form.

OFN Replicated Strip Trials need to be installed following specific protocols. This brochure covers the basics. Contact a Group Leader for more information.

Trial Area Design

- Two or more treatments that vary nitrogen (Rate, Timing, Form, Placement or Cover Crops for example)
- Each set of treatments needs to be replicated **FOUR** times

Treatment Strip Width

- Border rows are needed on each side of the strip to avoid edge effects. Treatment strip width depends on farm equipment
- Often strips are two times the combine header width, but the width of application equipment also needs to be considered

Treatment Strip Width Examples Based on Equipment			
Implement	Example 1	Example 2	Example 3
Planter:	12 row	16 row	12 row
Applicator:	12 row	8 row	12 row
Combine:	6 row	8 row	8 row
Treatment Width:	12 row	16 row	24 row

Strip Length

- Minimum length 1400 ft. Maximum length is not restricted.
- Strips should not include turn area or other buffer zones

Field Selection

- Representative of your operation
- If possible, treatments should run perpendicular to any significant soil variations

Trial Area Standard Layout*

	< Minimum 1400 ft. >
Replication 1	Treatment 1 Treatment 2
Replication 2	Treatment 1 Treatment 2
Replication 3	Treatment 1 Treatment 2
Replication 4	Treatment 1 Treatment 2

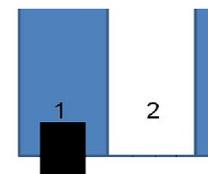
* In some layouts, the treatment order is randomized

- Mark each treatment strip with plastic flags
- Use extra flags outside of trial area
- Mark flag locations with GPS (contact Group Leader)

After nitrogen application, download as-applied files as raw data and submit to Group Leader on a flash drive or email

Harvesting

- Calibrate equipment according to manufacturer's recommendations
- Harvest each treatment from the center of the strip



After harvesting, download yield files as raw data and submit to Group Leader on a flash drive or email

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