AGENDA STATE SOIL CONSERVATION BOARD MEETING

January 13, 2019

Indianapolis Marriott Downtown Room Marriott 7-8

I.	3:00	pm.:	Call	to	Order

- II. Approve Minutes of October & November 2019
- III. Clean Water Indiana
 - a. Clean Water Indiana Grants- Geneva Tyler
- IV. State Soil Conservation Board Business
 - a. Chairman's Report
 - **b.** SSCB business plan
 - c. Appointment of Officers and Committees
- V. Soil and Water Conservation Districts
 - a. SWCD Supervisor Appointments- Geneva Tyler
 - b. Cass SWCD- Geneva Tyler
 - c. Clark SWCD- Laura Fribley
 - d. LaPorte SWCD- Geneva Tyler
 - e. Washington SWCD- Laura Fribly

VI. ISDA Updates

- a. Director's Report- Jordan Seger
- **b.** Technical Report- Jennifer Thum
- c. Soil Health- Jordan Seger
- d. Accountability and Technology- Jordan Seger
- e. District Support- Laura Fribley
- f. Water Quality and CREP- Julie Harrold

VIII. Conservation Partner Reports

- a. IASWCD Report
- b. IDEM Report
- c. DNR Report
- d. Purdue Report
- e. FSA Report
- f. NRCS Report
- g. CCSI Report
- h. IDEA Report
- i. IANA Report
- IX. Public Comment
- X. Next Meeting:

2020 Meeting Dates

March 17, NRCS State Office May 19, TBD July 21, NRCS State Office September 15, NRCS State Office October 27, TBD

XI. 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.



State Soil Conservation Board January 12, 2020 Clean Water Indiana Grants

Program Updates

Clean Water Indiana Competitive Grants 2020

- 2020 grants started on January 1st.
- FY2020 CWI are in the process of the routing through State Contract Management System. Of those, seven have been returned for state signatory. Seven still need district signatory.
 - Karrie Cashdollar will inform each district individually when the grant agreement is executed. Along with the executed agreement, Karrie will send the most recent claim form that must be used when submitted for all funds.
- These grants have a first report due on July 31, 2020.
- Individual summaries have also been finalized and will be posted on the CWI website. The story map is embedded on our website (https://www.in.gov/isda/2379.htm)

2017

- Projects Expired: 12/31/19
- Final reports and claims are currently being processed.
 - To date: Thirteen Districts have completed final reports.

2018

- Projects Expire: 12/31/20 (except Hamilton)
- 2nd annual reports and intermediate claims are being processed at this time.
 - To date: Three Districts have completed annual reports

2019

- Projects Expire 12/31/21
- 1st annual reports are being processed.
 - To date: Four Districts have completed annual reports.

Quality Control

 After reporting is complete at the end of this month, quality control efforts will begin again to start 2020 grant reporting on a clean slate.

Non-SWCD Led Projects

IASWCD (CCSI) Expires: 12/31/21

Grant Agreement A337-19-CWI-001

Total amount of grant agreement \$64,450.

- One claim for \$12,385.27.
- Remaining on purchase order: \$57,064.73
- Grant Agreement expires on 12/31/21

SICIM

- A337-18-CWI-025 plus one amendment for a total of \$120,000.00; expiring on 12/31/19.
- One claim for \$60K
- \$60 remaining, which Karrie anticipates will come in by 01/31/2020.

Grant Reviews

- Similar to year's past, 10 grants will be reviewed in 2020.
- Selections will be made per the CWI communication policy for both marginal and routine grants.

AFR

- The AFR template was sent to all districts in December. These are due to their respective DSS by March 31st.
- It is very similar to last year's form.
- The direct distribution process will also be the same.

Clean Water Indiana - 2019 Practices Installed

January 1, 2019 thru December 31, 2019



Total Practices Installed: 613

Sediment Reduced: 99,936,142 lbs.



x500

Phosphorus Reduced: 50,371 lbs.



x50

Nitrogen Reduced: 100,798 lbs.



x100

Practices do not include the many unassisted practices designed and installed by private landowners without ICP assistance.

Nutrient estimates only consider sediment bound N and P, not dissolved components. Load reductions are calculated using the EPA's Region 5 Load Reduction Model.

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	Posey Vanderburgh		ncer { 37			V	J				

Practice	Total Practices	Size	Size (no cost-share)	Unit	Sediment (lbs)	Phosphorus (lbs)	Nitrogen (lbs)
Access Road (560)(ft.)	8	1,508		feet	354,000	106	211
Brush Management (314)(acres)	7	143	76	acres	0	0	0
Conservation Cover (327)(acres)	7	123		acres	438,800	307	604
Cool Season Grasses (CP1)(acres)	4	60		acres	224,000	136	268
Cover Crop (340)(acres)	364	15,343	1,967	acres	79,588,000	43,736	87,507
Fence (382) (ft)	2	1,570		feet	76,000	38	76
Forage and Biomass Planting (512)(acres)	16	267		acres	5,674,000	2,641	5,276
Grassed Waterway (412)(ft, acres and number))	1	0.90	0	acres	6,800	3	7
Gypsum (acres)	41	2,653	355	acres	0	0	0
Heavy Use Area Protection (561)(number and square feet)	36	93,900		square feet	2,192,000	674	1,357
Livestock Pipeline (516) (ft)	7	1,745		feet	0	0	0
Pollinator Habitat (CP42)(acres)	87	24	17	acres	347,142	150	302
Residue and Tillage Management - No Till (329)(acres)	8	319		acres	5,114,000	2,284	4,574
Streambank and Shoreline Protection (580)(ft)	2	2,518		feet	295,400	136	272
Tree and Shrub Establishment (612)(acres)	2	50	0.1	acres	0	0	0
Underground Outlet (620)(feet)	3	102		feet	0	0	0
Urban: Rain Garden (square feet)	3	410		square feet	5,102,000	3	30
Urban: Vegetated Swales (ft)	3	429		feet	0	0	0
Watering Facility (614)(number)	11	32		number	524,000	156	314

Budget Modification (Reallocation of Funds in Excess of 10% of Grant Amount)									
Date:									
Grantee:	Dubois County Soil & Water	Grant Number	A337-18-CWI-18-004						
Project:	Invasive Species	Approved Grant Amount:	\$95,250						
Contact Person:	Judi Brown	Phone/Email:	812-482-1171 x3; judi.brown@in.nacdnet.net						

Activity	Budget Line Item	Original Amount	Requested Amount
Invasive Species Specialist	Invasive Species Specialist	\$ 78,750.00	\$ 68,872.00
Invasive species Cost Share Program	Cost share for Invasive Species	\$ 15,000.00	\$ 21,000.00
Work with weed management areas & education	NEW - Education/Outreach	\$ 0.00	\$ 3,878.00

Justification for Modification

When our project began in 2018, we were not able to fill the Invasive Species Specialist position until the end of July, leaving unspent funds budgeted for that salary. Again in February 2019 we also had a short period between the departure of the first Invasive Specialist and the rehiring of that position. After looking at our projected 2020 costs, we anticipate there will be an excess of \$9,878 in cash funds for the Specialist salary. However, with help from local partners that are working with us to fulfill project goals, we believe we can put this extra budget amount to good use fulfilling other project activities and goals.

We propose moving the \$9,878 to the following budget items:

Attach additional pages if needed.

Also submit a complete revised budget.

- 1. Move \$6,000 into the Invasive Species Cost Share Program. (See included scope of services modification for why we chose this activity and how we expect to use the funds.)
- 2. Move \$3,878 into a new Education/Outreach category supported by grant funds. This will support activities already included in the scope of the grant, primarily to support the two cooperative invasive species groups in the area in their education and outreach activities.

Signature/Title of Individual Submitting:

Request

Office Use Only

Budget Revision Approved by:

Budget Revision Denied by:

Date:

Date:

Form 4

Scope of Services Modification								
Date:								
Grantee:	Dubois County Soil & Water	Grant Number:	A337-18-CWI-18-004					
Project:	Invasive Species	Approved Grant Amount:	\$95,250					
Contact Person:	Judi Brown	Phone/Email:	812-482-1171 x3; judi.brown@in.nacdnet.net					

Project:	Invasive Species		Approved Grant Amount:	\$95,250					
Contact Person:	Judi Brown		Phone/Email:	812-482-1171 x3; judi.brown@in.nacdnet.net					
Grant Agreement)	nged (Exhibit A Description Original :	Prop	osed Change:						
Cost share t	o individuals at 50% rate	Cost	share funds & materia	als for use on private & public lands					
	Justification for Modification for each change of activity requested. ult of the changes and the overall impact o	Clearly	describe the new ad	ctivity, how project beneficiaries					
we have been workin the constraint of gran activities within the recost-share funds. The by the state), that we well as the county high In combination with o modifying the scope thand materials for public also allow flexibility as landowners do not expublic land managers equipment and materials.	will benefit as a result of the changes and the overall impact on the program. Attach additional pages if necessary. This slight change in scope will allow us to better utilize remaining funds to address invasive and noxious weed management. While we have been working heavily with private landowners to provide technical assistance and invasive cost-share assistance, due to the constraint of grant timelines, many landowners recognize they would be unable to complete the required invasive management activities within the required timeline, and settle instead for technical assistance alone. This leaves us projecting an excess of cost-share funds. That said, this project has strengthend our relationships with several managers of local public lands (not owned by the state), that we believe could put some of these extra funds to good use. This includes some local county and city parks, as well as the county highway departments. In combination with our budget modification, we are proposing moving \$6,000 from extra salary funds to this activity, and then modifying the scope to continue providing cost share to landowners as interested, but also directly funding or purchasing equipment and materials for public land managers. This will not only ensure that the money is still spent for invasive species control efforts, but also allow flexibility as our grant nears its close. For example, if we allocate money for private landowner cost share, but the landowners do not expend the full amount allotted, we could quickly utilize remaining funding through pubic land managers. The public land managers are often ready with staff and vehicles to perform invasive species control, but with limited budgets for equipment and materials. This change in scope can make a significant impact in limiting the spread of invasive species along our county roads and parks, and also provide an opportunity for community outreach/education by treating invasives in highly visible								
Signature/Title of Person Submitting Request Date:									
Office Use Only									
Revision Approve	d By:			Date:					
Revision Denied: If Denied Indicate	Reason:			Date:					

Revised Budget (changes highlighted)

Program Costs	Grant Funds	Cash Match	In-Eligible	Total
Invasive Species Specialist	\$68,872.00	\$0.00	\$0.00	\$68,872.00
Cost share for Invasive Species	\$21,000.00	\$0.00	\$0.00	\$21,000.00
Mileage for SWCD	\$1,500.00	\$0.00	\$0.00	\$1,500.00
Education/Outreach	\$3,878.00	\$0.00	\$0.00	\$3,878.00
SWCD Specialist	\$0.00	\$26,250.00	\$0.00	\$26,250.00
Landowner Owner Cost Share	\$0.00	\$15,000.00	\$0.00	\$15,000.00
SWCD Educational	\$0.00	\$3,000.00	\$0.00	\$3,000.00
SICIM start up grants	\$0.00	\$8,000.00	\$0.00	\$8,000.00
ISAC, education & training events	\$0.00	\$2,000.00	\$0.00	\$2,000.00
Education materials	\$0.00	\$500.00	\$0.00	\$500.00
IFEF grant	\$0.00	\$500.00	\$0.00	\$500.00
Site rental, speakers, expertise	\$0.00	\$2,500.00	\$0.00	\$2,500.00
Other Mileage	\$0.00	\$1,500.00	\$0.00	\$1,500.00
TOTAL	\$95,250.00	\$59,250.00	\$0.00	0 \$154,500.00



Indiana Association of Soil and Water Conservation Districts

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



IASWCD

225 S. East Street Suite 740 Indianapolis, IN 46202

Phone: 317.692.7325

Web: www.iaswcd.org

PRESIDENT:
Roger Wenning
Decatur County

VICE PRESIDENT: Bobby Hettmansperger Wabash County

TREASURER:
Marc Roberts
Montgomery County

SECRETARY: Jeff Baker Warrick County

EXECUTIVE DIRECTOR:
Joe Schmees
joseph-schmees@iaswcd.org

January 8, 2020

Dear State Soil Conservation Board members,

On behalf of the IASWCD Board, I am writing to express our displeasure with the State Soil Conservation Board's decision made at their October 16, 2019, Clean Water Indiana (CWI) Grants Committee meeting to not fund their Training Reimbursement program for the 2019-2020 year. As one of the SSCB's essential duties, Indiana Code establishes that they "offer appropriate assistance to the supervisors of soil and water conservation districts to carry out district powers and programs" (IC 14-32-2-12-3). IASWCD believes to offer appropriate assistance to SWCD supervisors, the SSCB should build capacity for districts that may be struggling, and eliminating training funds takes away an essential tool to do just that.

Providing new supervisors with the proper training is essential for encouraging them to play an active role in the district's success. With some districts struggling to keep and pay full time staff, every source of financial support is vital to their future. The IASWCD believes that the decision by the CWI Grants Committee to remove these funds demonstrates a breakdown in communication between the SSCB, the ISDA Division of Soil Conservation and the 92 County Soil and Water Conservation Districts. We believe that such decisions should be made collaboratively with the partners impacted. We propose a meeting be held between the SSCB, ISDA, and IASWCD about the CWI program policies, and avenues for better input and communication from partners. We look forward to your response.

Sincerely,

Roger Wenning

President, IASWCD

Roge P. Wenning

THE IASWCD MISSION is to enable the conservation of natural resources of Indiana.



State Soil Conservation Board Business Plan 2020-2024

The mission of the State Soil Conservation Board (SSCB) is to provide information, advice and consultation to Soil and Water Conservation District supervisors to assist them in carrying out their powers and programs.

Key Actions/Progress: The SSCB will provide policy and funding direction to the Indiana State Department of Agriculture-Division of Soil Conservation (ISDA-DSC) on the administration of the Clean Water Indiana Program (CWI), to help address statewide natural resource concerns on rural, suburban, and urban lands as identified in local Soil and Water Conservation District business plans.

The SSCB has identified the following as statewide priority natural resource concerns to be addressed over the next five years:

- Water Quality including sediment, nutrients, pesticides, *E-coli* and other non-point sources of water pollution found in our streams, rivers and lakes.
- **Soil Health/Degradation** which includes but isn't limited to, soil biology impacts that degrade soil quality, the loss of top soil due to water and wind erosion, the depletion of organic matter, as well as soil compaction.
- **Invasive Species**, both flora and fauna, specifically in regards to developing an understanding with state organizations in regards to invasive species control
- Erosion
- Streambank Erosion

Other statewide priority:

• **District Capacity/Accountability** which empowers Soil and Water Conservation Districts to effectively address the prior mentioned resource concerns.

Strategic Plan Vision:

The SSCB identified the priority resource concerns above. We will prioritize our evaluations of the CWI grant program based on these resource concerns. In the next five years we will use these resource concerns to guide all decisions made by the SSCB. The SSCB has determined the following four areas in which we will focus our attention on to help advance conservation in Indiana. We have also identified priorities that will help guide our CWI grant program during the life strategic plan.

Proposed High Level Goals and Action Items

- Engage supervisors to be effective leaders in their communities and at the state level. Actions:
 - Support Leadership Institute for supervisors and employees by increase participation and access. Consider providing both in person training as well as on-line training opportunities.
 - By 2023, __60_____% SWCD supervisors of the district will have attended training. (3/5?)
 - Support new supervisor orientation
 - Each new supervisor will be required to participate
 - New supervisors shall be advised on the reporting requirements for SWCD's to remain eligible and within legal requirements of the state.
- Increase local SWCD capacity it be effective partners in the Indiana Conservation Partnership delivery of conservation across the state.

Actions:

- The leveraging sheet will continue to be updated and available for SWCD use annually.
- Create a portfolio of example policies for SWCDs
 - County council representative as an SWCD Associate Supervisor
 - Supervisor attendance policy
- Work with ICP to find creative ways to increase capacity at local level
- Ensure all capacity funding through ICP is supported by local officials
- Encourage and facilitate when possible non-ICP (non-traditional) partnerships for new resources (i.e., food industry, fertilizer suppliers)>
- Encourage supporting tools for current SWCD staff by working closely with IDEA, ISDA and IASWCD.
 - Job description
 - Performance evaluations
- Keep elected officials, local to state, informed on conservation progress and needs to reach statewide goals.

Actions:

- o Produce a "State of the State" annual report targeted at decision makers.
- Ensure resources are available for outreach materials for counties to use to educate decision makers.
- Support the ICP to establish metrics for soil and nutrient loss for Indiana.
- Lead or facilitate opportunities for elected officials to learn about resource concerns.
- Report to IN [larger public] progress and concerns for the priority natural resources concerns.

Actions:

- o Improve communication/coordination with IASWCD to make sure both successes and needs are being shared widely cross the state.
- Build a communication strategy by supporting existing ICP partnership, SSCB will help to ensure delivery of communications and resources needed to be effective.
- SSCB will take leadership role on reporting conservation status both successes and needs that will help advance conservation.

Strategy Plans for CWI funding:

CWI Grants goals

- SSCB would like to see specific outcomes on grant applications and impact on community defined in each application.
- Increased accountability across the state to ensure deliverables are being met and accountability requirements in compliance.
- Grants that are awarded that are intended to be long-term projects (greater than 3 years) become sustainable projects with a plan developed and implemented for funding from a different source (non-CWI).

	341
SWCD Name	Name2
Allen	Michael Thomas Crowe
Boone	Kathy Clawson
Brown	Amanda Perkins
Carroll	Jeff Crowel
Crawford	Richard Langdon
Daviess	Marvin Holstine
Decatur	Tom Cherry
Elkhart	Dean Rink
Fayette	Dave Caldwell
Fountain	Bruce Sillery
Grant	Robert Embree
Greene	Steve Crowe
Harrison	Michael Wolfe
Hendricks County	Andy Nicholson
Huntington	Andrew Ambriole
Jasper	Derek Luchik
Jefferson	Mark Darnold
Knox	Eugene Flaningam
Kosciusko	David Ransbottom
LaGrange	Monroe Raber
Lawrence	Jerry Ritter
Madison	Mike Lawyer
Marion	Heather Buck
Marshall	Tim Gochenour
MIAMI	Jon Reese
Monroe	Keith McConnell
Morgan	Louis Feagans
Newton	Cody Styck
Ohio	Eric Siekman
Perry	Randall Rennie
Pike	Brad Smith
Porter	Bradley Hunter
Posey	Larry Burkhart
Pulaski	Kevin Podell
Putnam	Kerry Williams
Randolph	Jordan Prescott
Ripley	Daniel Geisler
Rush	Clifford Marlatt
Shelby	Todd McDaniel
Steuben	Kayleen D. Hart
Sullivan	Bobbi Hunt-Kincaid
Switzerland	Kendrick Briggs Jr
Tippecanoe	Sara J. Unser
Union	Doug Swafford
Vanderburgh	Kevin Rexing
Warren	Bill Tarkington
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Recommendation For Supervisor Appointment Submitted Nov. 1, 2020

Warrick	Peter Rudolph
Wayne	Cathy Becker
White	Larry Kilmer
Whitley County	Gary Hoffman

Two late submissions Blackford Clark



State Soil Conservation Board January 12th, 2020



Soil Health Program Manager

Program Updates

INfield Advantage

- INfield Advantage was awarded a USDA Conservation Innovation Grant (CIG) for On-Farm Soil Health Trials. The objective is to leverage the INFA network to help move towards Indiana Ag Nutrient Alliance goals. The total grant award includes \$600,000 from USDA and \$300,000 from ISA and ICMC over the next three years, bringing the project total to \$900,000 for 2020-2022.
- Through this grant, we will be partnering with the Indiana Conservation Partnership, co-ops, retailers, CCAs and livestock groups to offer cover crop and 4R trials as well as access to agronomic benchmarking software. The software programs give actionable information to farmers enrolled, and on the back end will be aggregated for environmental and economic case studies. A \$200 incentive is provided per farmer through the grant for enrolling as long as they are EQIP eligible.
- The USDA CIG grant allows flexibility to offer new trials and collect social, environmental and economic data. The goal is to help inform USDA on what works, what doesn't and the ROI to farmers. There is also a particular interest in enrolling trials on fields that use manure.
- We are currently working with our operations team and partners to establish trial protocols and finalize specifics of the program.
- More details about these changes will be announced at the roundtable breakout session at the annual conference on Monday the 13th at 3PM. Please feel free to stop by and learn more about the program and provide feedback/discussion.



State Soil Conservation Board January 12, 2020 District Support Specialist (DSS) Report: 10/12/19 to 12/25/19



State Soil Conservation Board

The DSS provided input and supporting Partner documents as the SSCB began developing their business plan. Tara and Nathan facilitated the November business plan session.

DSS Plan of Work

The DSS team finalized their 2020 annual plan of work. Key focal points include district capacity, trainings, communication, support to key ISDA/ICP initiatives, the DSS team, Clean Water Indiana, and regional/statewide planning committees.

Leadership Institute

The "Impacting Community" Leadership Institute was held in Madison IN on December 6. Participants explored their relationships with other groups, business plans, and how attendees approached various aspects of their operations and leadership. 26 attendees participated including representatives from 15 county SWCDs, and ISDA.

Regional Meetings

On December 17th, 16 SWCD and ISDA staff gathered for a final 2019 regional staff meeting in Lafayette. Elli Blaine, Marion/Hendricks County SWCD, shared what she's been working on through their local CWI grant: how to implement a marketing program to reach underserved clients, using the Soil Health Program as an example. The rest of the morning, districts shared how their districts are addressing invasives, and their experiences and ideas through the formation of CISMAs.

DSS Activities Statewide For This Reporting Period	Total
Assistance With SWCD Business Plans/Annual Plans of Work/Other Planning Tools	2
Input, Assistance & Attendance At SWCD Board Meetings	15
Visits With SWCD Supervisors/Staff For Training, Assistance, Guidance, Input, etc.	29



State Soil Conservation Board



January 12th, 2020 ISDA – CREP & Water Quality Initiatives, Julie Harrold

Program Updates

Conservation Reserve Enhancement Program

- A summary of 2019 CREP Accomplishments is attached to this report including completed acres and enrolled acres, state dollars spent in 2019, estimated NLRs in CREP watersheds, conservation buffer lengths, wetland restorations completed, and number of trees planted in the floodplain.
- In 2019, the state paid out \$935,862.50 in direct payments to participants for installation of practices, and \$93,586.25 in administrative fees to partnering SWCDs.
- Attached to this report is the report on the current status of acres and dollars in CREP, including total completed acres and total enrolled acres since the beginning of the program, and total dollars paid out through the CREP program.
- To date, the state has paid out more than \$7.3 million. For every state dollar that is spent, the federal match is approximately \$4-\$13 for every state dollar, which is currently between \$26 million and \$86 million of federal dollars depending on the practice.
- The state incentive dollars for CREP are still in the red at this time. However, I am continuing to search for additional support dollars to help with the shortfall.
- The 2019 CREP Annual Report can be found on the CREP webpage on the ISDA, Division of Soil Conservation website at http://www.in.gov/isda/2837.htm.

IN State Nutrient Reduction Strategy (SNRS)

- The next Gulf of Mexico Hypoxia Task Force meeting was moved to Washington D.C., scheduled for February 3rd-5th, 2020. Jordan and I will be attending. At this meeting, we will be giving an update on the progress of the Indiana Science Assessment.
- Work on the Indiana Science Assessment is continuing. The Core Team met on December 12th to finalize next steps for hiring a research associate to work on Component 2 of the Assessment, and to discuss the list of practices that the research associate will begin to work on. The EPA grant dollars we applied for are at the EPA Region 5 office and we are waiting on their arrival to the state to finalize the contract work with Purdue and the hiring process.
- The subcommittee for Component 1, made up of representatives from USGS, IDEM, TNC and ISDA will meet again in January to continue the discussion on the data for the pour points along the state border and within the major river basins.
- I am working with Ben Wicker, IANA and Mike Dunn, TNC on the development of a
 communication piece on the SNRS. Ben is also working on communication pieces for IANA, CCSI,
 and the Soil Health Partnership, and these four pieces will all be complimentary to one another.
 Thanks to Regan Holtsclaw and Leah Harmon for their work on the SNRS communication piece.
- The current version of the Strategy can be found on the ISDA webpage at http://www.in.gov/isda/2991.htm.
- Comments on the SNRS can be sent to ISDANutrientReduction@isda.in.gov.

Western Lake Erie Basin

• The WLEB Domestic Action Plan (DAP) Advisory Committee met on December 20th, with this being the first meeting in several months due to staff shortage in IDEM in 2019. Meetings in 2020 will be held once quarterly to discuss necessary changes to the plan and make updates to the milestones and action items table.

- The WLEB webpage, which houses the information for the Indiana WLEB DAP, has some outdated information and will be updated in the next few months. IDEM and ISDA will work together on getting these updates completed.
- To view the Indiana WLEB (DAP) and other information, visit the following webpage, http://www.in.gov/isda/3432.htm.

SSCB Meeting - January 12th, 2020 - CREP Summary

	Native Grasses	Permanent Wildlife Habitat	Filter Strip	Hardwood Tree Planting	Riparian Buffer	Bottomland Timber Establishment	Wetland Restoration	Wetland Restoration (non- floodplain)	Total		
	CP-2	CP-4D	CP-21	CP-3A	CP-22	CP-31	CP-23	CP-23A			
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Goal	Percentage of Goal
Total Reported Completed on											
SharePoint as of 12/13/2019	214.58	52.20	5,445.97	51.43	710.83	7,035.85	1260.84	2,991.45	17,763.15	26,250.00	67.67%
Total CREP Enrollment	231.58	58.56	5,639.99	51.43	764.55	7,769.61	1923.56	3,520.24	19,959.52	26,250.00	76.04%
Total Acres in Extension	·		•	1.00	53.70	428.50	121.70	6.00	610.90		

Difference = 2,196.37

	Native Grasses	Permanent Wildlife Habitat	Filter Strip	Hardwood Tree Planting	Riparian Buffer	Bottomland Timber Establishment	Wetland Restoration	Wetland Restoration (non- floodplain)	Practice Total	SWCD Administrative Fee	Total
	CP-2	CP-4D	CP-21	CP-3A	CP-22	CP-31	CP-23	CP-23A			
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Total CREP Dollars	\$ 21,458.00	\$ 1,400.00	\$ 517,141.00	\$ 14,018.00	\$ 284,953.00	\$ 2,909,236.00	\$ 1,085,096.50	\$ 2,017,868.00	\$ 6,851,170.50	\$ 543,654.55	\$ 7,394,825.05

Federal Match of \$4-\$13 is between \$ 27,404,682.00

\$ 89,065,216.50

SSCB Meeting - January 12th, 2020 - CREP Acres (broken down by watershed)

Post-Expansion Acres

CREP Watershed	Native Grasses	Permanent Wildlife Habitat	Filter Strip	Hardwood Tree Planting	Riparian Buffer	Bottomland Timber Establishment	Wetland Restoration	Wetland Restoration (non- floodplain)	Total
	CP-2	CP-4D	CP-21	CP-3A	CP-22	CP-31	CP-23	CP-23A	
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Highland-Pigeon	0.00	0.00	11.98	0.00	3.10	114.73	0.00	0.00	129.81
Lower Wabash	0.00	0.00	9.88	0.00	0.00	644.70	0.00	0.00	654.58
Lower East Fork White	38.50	45.20	81.18	30.10	57.72	713.21	0.00	0.00	965.91
Lower White	10.70	0.00	17.82	0.00	94.80	1,887.88	65.13	0.00	2,076.33
Middle Wabash-Busseron	0.00	0.00	5.32	0.00	13.50	1,290.61	470.14	29.81	1,809.38
Middle Wabash-Deer	6.60	0.00	88.42	0.00	0.00	67.89	24.60	14.62	202.13
Middle Wabash-Vermillion	4.50	0.00	88.47	6.97	41.20	598.74	421.18	167.70	1,328.76
Tippecanoe River	93.84	0.00	475.96	0.00	3.41	21.40	73.30	1,701.29	2,369.20
Upper East Fork White	0.00	0.00	351.13	0.00	36.50	136.51	0.00	0.00	524.14
Upper Wabash	21.25	7.00	639.69	2.56	37.10	225.59	84.79	66.85	1084.83
Upper White	35.09	0.00	131.62	0.00	282.80	276.69	0.00	71.18	797.38
Reported Completed as of									
12/13/2019	210.48	52.20	1,901.47	39.63	570.13	5,977.95	1139.14	2,051.45	11,942.45
Enrolled as of 12/13/2019	227.48	58.56	2,095.49	39.63	623.85	6,711.71	1,801.86	2,580.24	14,138.82

Pre-Expansion Acres

CREP Watershed	Native Grasses	Permanent Wildlife Habitat	Filter Strip	Hardwood Tree Planting	Riparian Buffer	Bottomland Timber Establishment	Wetland Restoration	Wetland Restoration (non- floodplain)	Total
	CP-2	CP-4D	CP-21	CP-3A	CP-22	CP-31	CP-23	CP-23A	
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Highland-Pigeon	2.50	0.00	215.00	10.80	16.40	109.20	0.00	0.00	353.90
Tippecanoe River	0.00	0.00	2,916.80	0.00	7.80	20.40	121.70	924.00	3,990.70
Upper White	1.60	0.00	412.70	1.00	116.50	928.30	0.00	16.00	1476.10
Total Acres Prior to Expansion									
of CREP	4.10	0.00	3,544.50	11.80	140.70	1,057.90	121.70	940.00	5,820.70
		•			·				

		CP-3A	CP-22	CP-31	CP-23	CP-23A	Total Extension Acres
Extension Acres -Tippecanoe				14.80	121.70		136.50
Extension Acres -Upper White		1.00	53.70	413.70		6.00	474.40
Total Extension Acres		1.00	53.70	428.50	121.70	6.00	610.90

SSCB Meeting - January 12th, 2020 - CREP Dollars (broken down by watershed)

Post-Expansion Dollars

CREP Watershed	Native Grasses	Permanent Wildlife Habitat	Filter Strip	Hardwood Tree Planting	Riparian Buffer	Bottomland Timber Establishment	Wetland Restoration	Wetland Restoration (non- floodplain)	Practice Total	SWCD Administrative Fees	Total
	CP-2	CP-4D	CP-21	CP-3A	CP-22	CP-31	CP-23	CP-23A			
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Highland-Pigeon	\$ -	\$ -	\$ 1,198.00	\$ -	\$ 1,240.00	\$ 45,892.00	\$ -	\$ -	\$ 48,330.00	\$ 4,833.00	\$ 53,163.00
Lower Wabash	\$ -	\$ -	\$ 988.00	\$ -	\$ -	\$ 257,880.00	\$ -	\$ -	\$ 258,868.00	\$ 25,886.80	\$ 284,754.80
Lower East Fork White	\$ 3,850.00	\$ 700.00	\$ 6,397.00	\$ 5,240.00	\$ 17,000.00	\$ 279,416.00	\$ -	\$ -	\$ 312,603.00	\$ 31,260.30	\$ 343,863.30
Lower White	\$ 1,070.00	\$ -	\$ 1,782.00	\$ -	\$ 37,920.00	\$ 755,151.00	\$ 43,102.00	\$ -	\$ 839,025.00	\$ 83,902.50	\$ 922,927.50
Middle Wabash-Busseron	\$ -	\$ -	\$ 532.00	\$ -	\$ 5,400.00	\$ 516,244.00	\$ 404,833.00	\$ 28,319.50	\$ 955,328.50	\$ 95,532.85	\$ 1,050,861.35
Middle Wabash-Deer	\$ 660.00	\$ -	\$ 7,552.00	\$ -	\$ -	\$ 27,156.00	\$ 9,840.00	\$ 5,848.00	\$ 51,056.00	\$ 5,105.60	\$ 56,161.60
Middle Wabash-Vermillion	\$ 450.00	\$ -	\$ 5,808.00	\$ 2,788.00	\$ 16,480.00	\$ 239,496.00	\$ 400,121.00	\$ 159,315.00	\$ 824,458.00	\$ 82,445.80	\$ 906,903.80
Tippecanoe River	\$ 9,384.00	\$ -	\$ 38,019.00	\$ -	\$ 1,364.00	\$ 8,560.00	\$ 69,635.00	\$ 1,324,034.50	\$ 1,450,996.50	\$ 145,099.65	\$ 1,596,096.15
Upper East Fork White	\$ -	\$ -	\$ 32,003.00	\$ -	\$ 14,600.00	\$ 54,604.00	\$ -	\$ -	\$ 101,207.00	\$ 10,120.70	\$ 111,327.70
Upper Wabash	\$ 2,125.00	\$ 700.00	\$ 57,072.00	\$ 1,024.00	\$ 8,120.00	\$ 90,236.00	\$ 78,460.50	\$ 55,230.00	\$ 292,967.50	\$ 29,296.75	\$ 322,264.25
Upper White	\$ 3,509.00	\$ -	\$ 11,340.00	\$ -	\$ 113,120.00	\$ 104,316.00	\$ -	\$ 67,621.00	\$ 299,906.00	\$ 29,990.60	\$ 329,896.60
Upper White Extensions	\$ -	\$ -	\$ -	\$ -	\$ 1,800.00	\$ -	\$ -	\$ -	\$ 1,800.00	\$ 180.00	\$ 1,980.00
Reported Paid as of 12/13/2019	\$ 21,048.00	\$ 1,400.00	\$ 162,691.00	\$ 9,052.00	\$ 217,044.00	\$ 2,378,951.00	\$ 1,005,991.50	\$ 1,640,368.00	\$ 5,436,545.50	\$ 543,654.55	\$ 5,980,200.05

Pre-Expansion Dollars

CREP Watershed	Na	tive Grasses	ermanent Wildlife Habitat	Filter Strip	ardwood Tree Planting	Ri	parian Buffer	Bottomland Timber stablishment	Wetland Restoration	Wetland storation (non- floodplain)	P	ractice Total
		CP-2	CP-4D	CP-21	CP-3A		CP-22	CP-31	CP-23	CP-23A		
		Dollars	Dollars	Dollars	Dollars		Dollars	Dollars	Dollars	Dollars		Dollars
Highland-Pigeon	\$	250.00	\$ -	\$ 21,500.00	\$ 4,316.00	\$	6,564.00	\$ 43,680.00	\$ -	\$ -	\$	76,310.00
Tippecanoe River	\$	-	\$ -	\$ 291,680.00	\$ -	\$	3,120.00	\$ 8,160.00	\$ 48,680.00	\$ 369,600.00	\$	721,240.00
Tippecanoe River Extensions	\$	-	\$ -	\$ -	\$ -	\$	-	\$ 3,700.00	\$ 30,425.00	\$ -	\$	34,125.00
Upper White	\$	160.00	\$ -	\$ 41,270.00	\$ 400.00	\$	46,600.00	\$ 371,320.00	\$ -	\$ 6,400.00	\$	466,150.00
Upper White Extensions	\$	-	\$ -	\$ -	\$ 250.00	\$	11,625.00	\$ 103,425.00	\$ -	\$ 1,500.00	\$	116,800.00
Total Acres Prior to Expansion of							•	•	•			
CREP	\$	410.00	\$ -	\$ 354,450.00	\$ 4,966.00	\$	67,909.00	\$ 530,285.00	\$ 79,105.00	\$ 377,500.00	\$	1,414,625.00
		•	•		•							

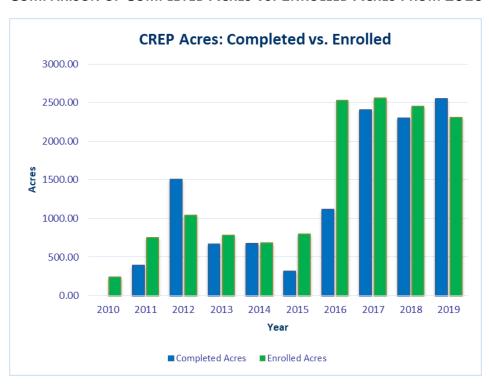
Conservation Reserve Enhancement Program (CREP) Accomplishments in 2019

2019 COMPLETED AND ENROLLED PRACTICES

2019 Pract	2019 Practices (in acres)									
	Native Grasses CP2	Filter Strip CP21	Wildlife Habitat CP4D	Hardwood Tree Planting CP3A	Riparian Buffer CP22	Bottomland Timber Establishment CP31	Wetlands CP23	Wetlands CP23A	Total	
Completed	0.00	742.15	38.20	17.0	94.97	736.01	251.18	671.43	2,550.94	
Enrolled	2.00	633.77	38.20	17.0	123.63	610.29	680.46	200.32	2,305.67	

^{*} Completed practices are those projects where conservation practices have been installed on the ground.

COMPARISON OF COMPLETED ACRES VS. ENROLLED ACRES FROM 2010-2019



SUMMARY OF STATE FUNDS FOR COMPLETED PRACTICES IN 2019 (PRACTICES AND ADMIN FEES)

State	State Dollars for Practices Completed and Paid in 2019										
	CP4D*	CP21	СРЗА*	CP22	CP31	CP23	CP23A	Practices Total			
2019	\$ 0.00	\$ 46,758.00	\$ 0.00	\$ 25,180.00	\$ 282,176.00	\$ 175,959.50	\$ 405,789.00	\$ 935,862.50			
							Admin fees	\$ 93,586.25			
							Total	\$ 1,029,448.75			

^{*} Even though there were acres of CP4D and CP3A practices completed in 2019, these projects were not paid for in fiscal year 2019 due to paperwork processing.

^{**} There were no CP2 practices installed in 2019.

ESTIMATED NUTRIENT LOAD REDUCTIONS IN CREP WATERSHEDS

The annual goal to reduce sediment and nutrients from entering rivers and streams in the designated watersheds is 2,450 tons of sediment, 2,400 pounds of phosphorus, and 4,700 pounds of nitrogen.

Year	Sediment (Tons)	Phosphorus (lbs.)	Nitrogen (lbs.)
2019	12,185	15,163	29,911
Overall	54,233	62,700	123,469

^{*&#}x27;Overall' refers to the total sediment and nutrient load reductions since the program's expansion in 2010 according to the Region 5 model calculations.

TOTAL BUFFER LENGTHS COMPLETED SINCE THE INCEPTION OF THE PROGRAM

A goal of CREP is to protect a minimum of 3,000 linear miles of watercourses through the installation of conservation buffer practices. In 2019, there was an additional total of **647,180 feet** and **122.6 linear miles** of buffer lengths installed to protect waterbodies.

2005-2010	2010 - current	Total	CREP Goal	Percentage of Goal
2,627,367 feet	1,793,562 feet	4,420,929 feet		
		837.3 linear miles	3,000 linear miles	27.9%

This includes 443 miles of the Tippecanoe River and its tributaries being protected, and 128 miles of the Upper White River and its tributaries. To see a comparison of the rivers and tributaries that are being protected in all of the CREP watersheds, refer to the 2019 CREP Annual Report, https://www.in.gov/isda/2837.htm.

WETLAND RESTORATIONS

In 2019, **922.6 acres** of wetland restorations were completed or re-enrolled, and **880.8** new acres were enrolled. There is currently 1,193.7 acres enrolled for future restorations.

In total since the inception of the program in Indiana, CREP has restored or enhanced 4,252 acres of wetlands.

NUMBER OF TREES PLANTED IN FLOODPLAINS

Through the CP31 Bottomland Timber Establishment practice, trees are planted in floodplain areas to protect waterbodies. In 2019, **678.5** acres of new trees have been planted through CP31, resulting in approximately **407,076** trees being planted. Since the inception of the program in late 2005, 7,035.85 acres of new trees have been planted or re-enrolled into the program, resulting in the planting of approximately 3,801,786 trees.

In past reports, the process for figuring the approximate number of newly planted trees was based on an 8x10 spacing according to the practice standard. However, after talking with Tom Crowe and Brian Kruse, the spacing is actually planned and planted on an 8x8 spacing. So this process of approximating number of trees planted has been refined, and the numbers have been recalculated as a result.

The 2019 CREP Annual Report can be found at https://www.in.gov/isda/2837.htm.



CONSERVATION RESERVE ENHANCEMENT PROGRAM

Indiana CREP Accomplishments

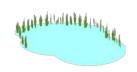
ENROLLED ACRES

As of December 2019

THERE ARE 19,959 ACRES THAT HAVE BEEN ENROLLED, WHICH IS 76% OF THE ACREAGE ENROLLMENT GOAL.



WETLAND RESTORATIONS



4,252 ACRES OF WETLAND RESTORATIONS HAVE BEEN COMPLETED IN THE STATE SINCE 2005.

FLOODPLAIN TREE PLANTING

7,036 ACRES OF TREES HAVE BEEN PLANTED IN FLOODPLAIN AREAS, RESULTING IN APPROX. 3,801,786 TREES PLANTED THROUGHOUT THE STATE.

BUFFER ACRES
COMPLETED

13,511 ACRES OF FILTER STRIPS AND RIPARIAN BUFFERS HAVE BEEN PLANTED IN THE CREP WATERSHEDS SINCE 2005.



TOTAL ACRES COMPLETED

As of December 2019
THERE ARE 17,763 ACRES
THAT HAVE BEEN COMPLETED
SINCE THE
PROGRAM'S
INCEPTION IN

2005.

LINEAR MILES OF WATERBODIES PROTECTED



SEDIMENT AND NUTRIENT LOAD REDUCTIONS SINCE 2010

CREP PRACTICES HAVE REDUCED:

- SEDIMENT BY 54,233 TONS
- NITROGEN BY 123,469 LBS
- PHOSPHORUS BY 62,700 LBS FROM ENTERING WATERBODIES

The CREP program aims to improve water quality by creating buffers and wetlands that reduce agricultural runoff within the targeted CREP watersheds. Installing buffer practices, restoring wetlands, and planting trees in floodplain areas enhances habitat for wildlife, including State and Federally-listed threatened and endangered species. The CREP also reduces non-point source nutrient loads.

For more information on the Conservation Reserve Enhancement Program, visit https://www.in.gov/isda/2377.htm







Indiana Association of Soil and Water Conservation Districts

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



IASWCD

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Montgomery County

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EXECUTIVE DIRECTOR:
Joe Schmees
joseph-schmees@iaswcd.org

To: State Soil Conservation Board

From: Roger Wenning, President, IASWCD

Date: Sunday, January 12, 2020

Conservation Cropping Systems Initiative (CCSI)

• CCSI will be rolling out several communications pieces. Please refer to Lisa's full CCSI report.

Pathway to Water Quality

• It will be the 28th year for PWQ. The committee will meet at the end of January, and meet monthly. There is discussion about expanding some of the area of the Pathway to what was previously the Boy Scout area adjacent to Pathway.

Legislative Issues

- Three resolutions have been submitted, and will be considered at the annual business meeting on Tuesday morning.
- Senate Bill 99 has been introduced to develop an interim summer study committee to study issues related to invasive species. The resolution from Knox County SWCD deals directly with the IASWCD supporting the development of such a committee.

Other

- District Showcase tours were held this fall, and they will be recognized at the Awards Luncheon on Sunday, along with the Leadership Institute graduates.
- Association Board members and staff will be representing Indiana at the National Association of Conservation District meeting in February.
- The IASWCD Board will be going through a strategic planning session on February 5 and 6, at the Morgan-Monroe Forestry Training Center.
- Thank you to all the partners and Districts attending this conference, we hope everyone finds time to network and learn something new!

THE IASWCD MISSION is to enable the conservation of natural resources of Indiana.

State Soil Conservation Board

October 22 - December 19, 2019

Highlights

- December 13 Indiana Farm Bureau Annual Conference
 - Conservation on Your Farm "Pod" at Innovation Showcase
 - Soil Health Demos
 - Staffed by Mark Anson, Anson Family Farms; Jeff Smiley, Smiley Brothers Farms; Lisa Holscher, CCSI; Jerry Raynor and Lee Schnell, NRCS; Ben Wicker, IANA
- December 5 Hoosier Chapter SWCS, Lafayette
 - Topic: Selling Conservation
 - o Speakers include: J. Arbuckle, Iowa State, and Seth Hawkins, Pinhook Farms
 - Working w/ Corteva for Ag Retail connection and approach to sales.
- November 20-21 Sustainable Ag Summit, Indianapolis
 - Breakout Session
 - Shared Goals Ben Wicker, IANA; Attaining Goals Lisa Holscher, CCSI; Tracking Goals
 Jordan Seger, ISDA (ICP)

1 – Farmer Engagement and Involvement, including pragmatic and legacy farmers, and farmer influencers

- 11/4 Porter County field visit compaction concern (A)
- 11/8 Corteva-TNC-IANA joint meeting on Ag Retailer Outreach (D, A)
- 11/6 Holderby ride-a-long (NPM)
- o 11/21 Bill Johnson consistent messaging / powerpoint slide development (A)
- 11/25 Wenning new farm visit (A)

2 - Local Level Partnership Support

- 27 Local Level Partnership visits (19 NPM, 8 SPM)
- Completed Trainings
 - 12/5 Hoosier Chapter SWCS "Selling Conservation"; Lafayette
 - 90+ Attendees
 - Speakers include J. Arbuckle, Iowa State; and Seth Hawkins, Pinhook Farms
 - Provided Planning, Speaker, and Logistical Support

- Trainings in Progress
 - Intro to Soil Health June or July, final date dependent on presenters
 - Core Cover Crops and Core Soil Health Systems Week of April 13th (1 each)
 - 3-Day Soil Health Training Sept 1-3 (to be confirmed)
 - Advanced Cover Crops Week of Sept 21. 4 trainings, 1 in each NRCS region
- 9 Completed Workshop Support, Approximately 730 Attendees
 - 11/9 Fisher Farms Grazing Field Day (SPM)
 - 11/12 Purdue AGRY 225 Fertilizers, pt 1 (A)
 - 11/13 ASA-CSSA-SSSA, San Antonio (D)
 - 11/21 Sustainable Ag Summit, Indianapolis (D)
 - 12/5 Fulton County SWCD Farmer Breakfast (NPM)
 - 12/6 Harrison-Crawford Cover Crop Workshop (SPM)
 - 12/13 IFB Annual Convention, French Lick (D)
 - 12/17-19 Indy Farm and Technology Expo (A)
- 22+ Workshop Support In Progress, including:
 - 01/07 01/10 National No-Till Conference Round Table Moderation (D, NPM, SPM)
 - 01/13-14 IASWCD Annual Conference Cover Crop Establishment and Grazing Cover Crops Breakout Session Support
 - 01/23 Soil Health 101 Series (NPM)
 - 01/30 Soil Health 101 Series (NPM)
 - 01/22 4Rs 4 the Future Workshop (NPM, A)
 - 02/04 Southern Region Annual Soil Health Workshop (SPM)
 - 02/06 Kosciusko SWCD Farmer Breakfast (NPM)
 - 02/7 02/8 Northern Grazing Conference (D)
 - 02/11-13 Indiana Hort Congress (A, D, NPM)
 - 02/12 Hort Congress Farmer Roundtable (NPM)
 - 02/13 Hemp and Conservation (NPM)
 - 02/27 Turkey Manure Management, Daviess-Martin-Dubois area (SPM)
 - 03/03 Pasture Project / Blue Sinking Watershed (SPM)
 - Winter 2020 INfield Advantage meeting support (SPM, NPM, D)
 - June 2020 Big Pine Watershed (NPM, D)
 - Date TBA Tippecanoe County SWCD Spring Field Day (A)
 - Date TBA Spring Upper White Watershed Workshop/Field Day (NPM)
 - Date TBA Prime Farmland Team 2020 Field Day (D)
 - Date TBA St. Joseph 2020 Annual Producers Meeting (NPM)
 - Date TBA Ag 101 (NPM)
 - Date TBA Spencer/Perry Field Day (SPM)
 - Dates TBA Women4theLand Learning Circles (NPM, SPM)

3 - Communications

- Marketing Materials
 - Logo redesign and branding 99% complete
 - Internal (ICP, Current Partners) Brochure 95% Complete
 - External (Potential Partners) Brochure 95% Complete
 - Website Re-Design 80% Complete, including donations/payments interface

- Soil Health Podcasts with Hoosier Ag Today, plus supplemental articles
 - October Fall/Winter Grazing and Forage Considerations
 - December (pending) Roger and Nick Wenning, Kevin Horstman, Joe Rorick / Indy Farm Show
- o Social Media for the period of November 1 December 24
 - Twitter: 100 Tweets; 67,700 impressions; 20 new followers
 - Facebook: 668 engagements; 6,630 reach; 3,913 impressions
- o Other
 - TNC White Paper CCSI role in partnerships (D)

Other

- 12/4 Secretary Northey SW Indiana Visit (D)
- TNC Soil Health Lab Manual (A)
- Purdue Extension Soil Health Signature Program (A)

D = Director

A = Agronomist

NPM = Northern Program Manager

SPM = Southern Program Manager