2018-2019 Annual Progress Report of the Iowa Nutrient Reduction Strategy

Part Three

Reports Submitted by Partner Organizations
to Assist Efforts in Quantifying Nutrient Reduction Strategy Efforts

Each year, partner organizations are invited to submit reports on their efforts related to the Nutrient Reduction Strategy. These efforts, conducted in the previous reporting period, are instrumental for measuring progress of the NRS. Each page of the report pertains to a different dimension of the NRS Logic Model (Part One, Figure 1).

The following organizations voluntarily submitted reports on their NRS efforts for the 2019 reporting period.

Water Resources Coordinating Council Members:

Iowa Department of Agriculture and Land Stewardship
Iowa Department of Natural Resources
Iowa State University College of Agriculture and Life Sciences
United States Department of Agriculture Natural Resources Conservation Service
United States Environmental Protection Agency - Region 7
United States Geological Survey
University of Iowa College of Engineering and IIHR - Hydroscience & Engineering

Watershed Planning Advisory Committee Members:

Agriculture's Clean Water Alliance
Iowa Corn Growers Association
Iowa Farm Bureau Federation
Iowa Pork Producers Association
Iowa Soybean Association

Additional Partners:

Iowa Agriculture Water Alliance
The Nature Conservancy
Trees Forever

This part of the NRS Annual Progress Report first presents each organization's overview of NRS efforts, in the order that the organization is listed above. The subsequent section presents the standardized data pertaining to NRS Logic Model dimensions: Inputs, Human, Land, and Water.

An Excel version of Part Three of the 2019 NRS Annual Report is available at www.nutrientstrategy.iastate.edu/documents .

Overview of NRS efforts submitted by each organization

Iowa Department of Natural Resources

The Department of Natural Resources efforts in working toward the goals of the NRS include the following: practices on the ground (319, Lake Restoration, DNR Land Management, & SRF); PS nutrient reduction efforts (permitting, trading, monitoring); nutrient monitoring in rivers, streams, and lakes; resources for ag BMP mapping, coordination and outreach for NRS and related policy on local, regional, and national level; and source water protection efforts.

United States Geological Survey

For the reporting period, the USGS conducted many activities in Iowa that are useful to the Iowa Nutrient Reduction Strategy. This work is conducted in cooperation with many local and Federal stakeholders in Iowa. The USGS operated 15 stream locations in Iowa that collected real-time continuous nitrate and turbidity data in addition to a variety of other water-quality parameters such as water temperature, pH, and specific conductance. Total phosphorus data, computed as a surrogate from turbidity and other sensor data, are being computed for three sites (report in review). The USGS collected discrete nutrient samples at 18 sites in Iowa during the reporting period. In addition to the water-quality data, the USGS monitored real-time continuous streamflow at approximately 150 locations in Iowa during the reporting period. The streamflow information is critical in computing water-quality loads, such as tons per day, of a particular constituent moving down a stream. As part of the USGS National Water Quality Program (NWQP), the USGS collected routine stream samples for nutrients, pesticides, and other constituents at five locations in Iowa. The USGS continued studying the environmental exposure of nitrapyrin during the reporting period. Water samples were collected at five Iowa streams and soil samples from a cropped field in Iowa. A journal article titled "Fate and transport of nitrapyrin in agroecosystems: Occurrence in agricultural soils, subsurface drains, and receiving streams in the Midwestern US" was published in Science of the Total Environment. A USGS report "Transport of Nitrogen and Phosphorus in the Cedar River Basin, Iowa and Minnesota, 2000–15" documents the trends and spatial variability of nitrogen and phosphorus loads in the Cedar River Basin. These load estimates can provide the basis to evaluate future progress on nutrient reduction strategies in the basin.

University of Iowa College of Engineering and IIHR - Hydroscience & Engineering

IIHR—Hydroscience & Engineering at the University of Iowa continues to work with stakeholders throughout Iowa to further the goals of the Iowa Nutrient Reduction strategy. Our work continues to focus on the generation and interpretation of credible water quality and land use data as well as modeling efforts that help provide insights into nutrient transport and sequestration within Iowa's farmed landscape. We assist with water monitoring efforts whenever asked and this includes IDALS-funded water quality initiative (WQI) projects, where monitoring is conducted on a sub-watershed scale. These include projects at Miller Creek (Black Hawk County, 60 km2), West Fork Crooked Creek (Washington County, 241 km2), East Nishnabotna River (Audubon County, 278 km2), Squaw Creek (Story County, 508 km2), Cedar Creek (Jefferson County, 642 km2), Mill Creek (Cherokee County, 764 km2), and Boone River (Wright County, 1088 km2). A paired watershed study in the Rapid Creek Watershed (Johnson County, 16 km2) is ongoing, as is monitoring of the CREP wetland near Orchard. Median watershed size that is monitored is 498 km2 with 24 sites capturing data from 100 km2 or less. Collaborative monitoring projects with Grinnell College (CERA site), Coe College (Lime Creek at Brandon), ARS (Neal Smith WRA-Jasper County, Story County, Hardin County), Iowa DNR (Big Spring Fish Hatchery, several stream sites for turbidity monitoring) continue. In addition we have instrumented the effluent of the Iowa City WWTP and are currently monitoring this discharge for nitrogen

and phosphorus. About 15-20 peer reviewed scientific papers have been generated over the past year from this work. The Iowa Water Quality Information System (IWQIS- http://iwqis.iowawis.org/app/) continues to provide an entry point into Iowa water quality for lay people and a scientific resource for agencies, policy-makers and researchers.

Agriculture's Clean Water Alliance

Agriculture's Clean Water Alliance (ACWA) is an association of ag retailers operating in the Des Moines and Raccoon river basins. ACWA functions as a nonprofit organization funded by member dues based on a percentage of our annual nitrogen fertilizer sales, associate member dues and grants. ACWA, along with partners, actively works to accelerate nutrient reduction practice adoption throughout the watersheds to improve water.

Key ACWA Projects:

- 4R Partner and Environmental Code of Practice

Nutrient stewardship is a fundamental principle for ACWA members. ACWA members advocate and use 4R nutrient stewardship principles, which are globally accepted standards of best practices for cropping systems. Additionally, all members agree to abide by the ACWA Environmental Code of Practice guiding practicable guidelines for fall N fertilization.

Iowa Corn Growers Association

Iowa corn growers farm sustainably to ensure their future in farming. A big part of that is an emphasis on clean water. Iowa Corn supports the Iowa Nutrient Reduction Strategy and actively encourages farmers to adopt additional conservation practices. The Iowa Corn Promotion Board administers Iowa corn checkoff funds for water quality research and education efforts, and the Iowa Corn Growers Association utilizes our grassroots network to encourage farmer to farmer information exchange. The collaborative nature of the strategy and Iowa's farming community has led us to join multiple partnerships including the Iowa Agriculture Water Alliance, Iowa Nutrient Research & Education Council, Soil Health Partnership, 4R Plus, and many local efforts such as watershed projects. We contribute both direct financial and in-kind resources to these efforts and are proud of the progress these partnerships have made in just a few years.

Iowa Farm Bureau Federation

IFBF Iowa Nutrient Reduction Strategy Implementation Highlights

June 1, 2018-May 31, 2019

State Legislation

The Iowa Farm Bureau Federation actively supported maintaining funding levels for Iowa's traditional water quality and soil conservation programs in the 2019 Iowa legislative session, including $10.575 million in annual funding for the state's Water Quality Initiative, $7.835 million for the soil conservation cost-share program, and $1.875 million for the ag drainage well closure program. This is in addition to the increased funding state agencies will receive in the 2020 fiscal year beginning July1 from Senate File 512 (the long-term, sustainable funding for the Iowa Nutrient Reduction Strategy that was approved during the 2018 legislative session). As this funding continues to ramp-up, the Water Quality Infrastructure Fund (the nonpoint source fund created in Senate File 512) will increase by $2.3 million this year, bringing the total to $4.6 million in two years.

County Farm Bureau Activities

There were at least 31 county Farm Bureaus that organized, participated in or cooperated in 94 field days, meetings, tours or other events or campaigns in support of the Iowa Nutrient Reduction Strategy's information, education and outreach activities during the last year. Specific examples of these activities include: farmer, teacher and public education workshops and meetings; watershed administrative meetings; watershed events; sponsored radio programming; local published and submitted letters to the editor; social media posts; Ag-in-the Classroom educational

sessions; county fair booths; community festival awareness events; demonstration project conservation practice/structure installation financial support; equipment purchases; and purchased advertising for watershed projects. There were more than 4,400 farmers, elected officials, citizens and students attending these events. There was at least $32,112 invested in these local and county events.

IFBF Share Fund

The IFBF Share Fund provided $12,562 to eight counties in March 2019 for four new local soil and water conservation projects. The IFBF Share Fund supports specific watershed projects, adoption of soil and water conservation practices, and outreach related to implementation of the Iowa Nutrient Reduction Strategy.

The Farm Bureau Spokesman

The Farm Bureau Spokesman had approximately 100 print articles on conservation issues related to the recommended practices of the Iowa Nutrient Reduction Strategy. In addition, the March 27, 2019 Conservation & Water Quality supplement included 10 print articles specifically related to the strategy's recommended practices. The weekly circulation of The Farm Bureau Spokesman is 60,000. In addition, Family Living, with a circulation of 75,000, had 8 feature articles on conservation issues related to the recommended practices of the Iowa Nutrient Reduction Strategy.

Digital Web Media

The pages and articles on ConservationCountsIowa.com received 27,393 pageviews. The most popular page was the farmer field days listing page (https://www.iowafarmbureau.com/Conservation-Counts/Farmers-in-Action/Field-Days-Events) with 2,933 pageviews.

Iowa Minutes

Two Iowa Minute news features on conservation practices related to the Iowa Nutrient Reduction Strategy were produced by the IFBF in the last year (Measuring Soil and Water Conservation Techniques – 4/17/2019; and Mussels Return to Lime Creek, 5/302019). These 60-second news features highlight the role that agriculture and Farm Bureau play in the lives of Iowans and shows the good work Iowa farmers are doing to protect the soil and improve their watersheds. Each Iowa Minute runs approximately one month reaching 2.6 million households throughout Iowa, and parts of Omaha, Missouri and Illinois. Iowa Minutes are promoted and shared on multiple Farm Bureau websites and social media channels. The conservation-themed features also air nationwide on Rural Radio SiriusXM Channel 147 as informative news stories, not paid advertisements.

Social Media

The IFBF had 64 water quality/conservation Facebook posts that had a total reach of 283,333. Those posts received 2,801 combined reactions (e.g. likes, loves, wows, etc.), shares and comments.

On Twitter, there were 117 IFBF water quality/conservation tweets that produced 147,123 impressions. Those tweets received 213 retweets and 494 likes.

On Instagram, the organization had 7 water quality/conservation posts and 5 stories. The 7 posts produced 5,576 impressions and 168 likes. The 5 stories produced 1,563 impressions.

Iowa Soybean Association

In pursuit of meeting the needs of the Iowa Nutrient Reduction Strategy (INRS), the Iowa Soybean Association Environmental Programs & Services, On-Farm Network, and Analytic teams (ISA Research) offers leadership, scientific, and technical services to farmers, watershed groups and conservation partners. The primary strategy seeks to advance science-based and data-driven programming resulting in improvements for natural resources and environmental quality, while also leading to more productive, efficient and profitable soybean production. This work is primarily driven by engaging and empowering farmers directly in locally relevant geographic initiative projects as well as projects at farm field and edge of field scales. Dedicated projects seek to catalyze leadership, target actions, implement management solutions and research practices best suited to their resource concerns and opportunities to improve. Historically, ISA Research has coordinated our efforts with upwards of 80 plus partners. ISA Research annually works to leverage the Soybean Checkoff funding with numerous other non-checkoff projects with support via public and private grants and contracts.

Projects have included complete watershed characterization and planning, nutrient management planning, conservation finance, agronomic field trials/testing, technical assistance, and implementation and performance monitoring of in-field and edge-of-field practices including oxbow restorations, bioreactors, saturated buffers and cover crops. ISA Research staff manage a water quality testing lab at ISA which provides services to help characterize stream, lake and groundwater quality and documents the relative effectiveness of implemented conservation practices. The laboratory is certified for nitrate/nitrite, fluoride, and coliform analysis by the State of Iowa.

ISA Research highlights for the 2019 INRS reporting period include:

- Over 40 projects addressing soil conservation, water quality, and other nutrient reduction strategy efforts
- $2,461,887 in dedicated funding towards soil conservation, water quality, and nutrient reduction
- 3,632 water samples collected and analyzed
- 60 media pieces showcasing nutrient reduction strategy efforts
- Numerous fields days, tours, watershed events, and conferences

Iowa Agriculture Water Alliance

Iowa Agriculture Water Alliance (IAWA) uses the science-based Iowa Nutrient Reduction Strategy to work with urban and rural stakeholders with the goal of reducing nitrogen and phosphorus in Iowa's waterways by 45 percent. We work directly with influencers in communities, agricultural and conservation organizations, as well as farmers, urban and agribusiness partners to drive the adoption of practices through communications with farmers, educational events, technical and financial assistance, and innovative approaches that incentivize conservation through the public and private sectors. In addition, we work to strengthen and expand communications and outreach around water quality in a manner that supports faster adoption of conservation practices.

Over the past year, we continued our commitment to increasing the pace and scale of farmer-led efforts to improve water quality and advancing the Iowa Nutrient Reduction Strategy. This work is reflected in several innovative projects. These are the Midwest Agriculture Water Quality Partnership (MAWQP) Regional Conservation Partnership Program (RCPP), the Conservation Infrastructure initiative, the Iowa Corn Edge-of-Field Grant for Education and Outreach, the Iowa Watershed Awards and the Middle Cedar Cooperative Conservation Grant (CCG).

The MAWQP RCPP, a $50M project co-led by IAWA and IDALS, has continued to support farmers interested in applying cover crops, installing edge of field practices like bioreactors and saturated buffers, and improving nutrient management. The three batching dates in this reporting period have helped fund approximately 121 applications providing over $3.14 million for various conservation practices in priority watersheds and counties across the state. The MAWQP has successfully spent down nearly all of the $6.5M in EQIP funding only half-way through the five-year contract. NRCS indicated that the MAWQP is one of the most successful RCPP projects in the country and that providing additional funding to the MAWQP is a priority. NRCS recently agreed to provide $1.5M in additional funds.

IAWA was awarded another $60,000 from Iowa Corn for education and outreach on edge-of-field conservation practices. IAWA has used the previous $100,000 award to help promote edge-of-field practices throughout the state including partnering with the Iowa Chapter of the Land Improvement Contractors Association (LICA) on several field days across the state. To further promote edge-of-field practices, IAWA is working with farmers and watershed coordinators to provide both temporary and permanent field signs as new bioreactors and saturated buffers are installed across the state.
IAWA continues to co-lead the Conservation Infrastructure initiative, along with IDALS. The initiative seeks to increase the investment and engagement from both the public and private sectors in implementing the Iowa Nutrient Reduction Strategy (NRS). This will be achieved by accelerating farmer and landowner demand for conservation practices — through outreach, education, and training — and harnessing economic drivers, innovative market-based solutions, and new revenue streams to improve water quality. C.I. implementation projects during the reporting period include a fall workshop with all C.I. working groups, early planning for a Cover Crops Boot Camp to empower farmer leaders to provide to farmer famer learning, launching a new website (www.iowaci.org), scaling watershed planning and a summit meeting and white paper focused on ramping up cover crops seed production in Iowa.

To honor watershed coordinators and the essential role they play to improve water quality, IAWA along with Iowa State University, Iowa Department of Agriculture and Land Stewardship, Iowa Department of Natural Resources, and Conservation Districts of Iowa worked together to launch the Iowa Watershed Awards. Sponsored by IAWA, the Iowa Watershed Awards recognized four honorees with the Circle of Excellence Awards and one Watershed Coordinator of the Year in 2019 along with funding for their local watershed programs and professional development. This was the second year of the program.

IAWA has nearly completed the Middle Cedar (CCG), a project funded by Iowa NRCS designed to create innovations around watershed planning leading to cheaper, faster and more effective watershed plans. The CCG project integrated the Agricultural Conservation Planning Framework (ACPF) targeting tools with a watershed planning application platform that includes cost-benefit analysis for nutrient load reduction. The resulting product is now available for the Middle Cedar watershed. The methodology can be replicated in other watersheds in which ACPF analyses have been conducted
IAWA also runs stories on water quality and conservation practices in each issue of the Iowa Pork Magazine; supports partner field days through sponsorships, speaking opportunities, and social media outreach; and runs monthly features on farmer leaders or covers conservation “hot topics” on our website.

The Nature Conservancy

The Nature Conservancy is working in select watersheds (the Boone, Cedar and Des Moines watersheds) and across the state to reduce nutrient runoff and improve soil health. Projects include a) wetland and oxbow restorations and floodplain protection to provide multiple benefits including water quality, flood storage and wildlife habitat; b) the 4R Plus project (the 4Rs of nutrient management, plus conservation practices) where the Conservancy is playing a leadership role with CF Industries, Agribusiness Association of Iowa, and other organizations to promote soil health and water quality practices, promoting online CCA training cources and marketing and outreach to farmers and ag advisors; c) private investment funding to leverage with state and federal funding programs; d) monitoring and research to better understand the benefits and impacts of best management practices; e) supporting policies that adequately fund practice implementation, technical assistance and encourage implementation of appropriate land use.

Trees Forever

The Trees Forever Working Watersheds: Buffers & Beyond program is a visionary combination of planning, grassroots outreach and education, landowner engagement, and the design and implementation of on-farm conservation demonstration sites.

By getting roots in the ground all year long through agroforestry practices like buffers, windbreaks, alley cropping and more, we can achieve environmental resilience and make progress on the goals of the Iowa Nutrient Reduction Strategy. To this end, Trees Forever provides cost share and technical assistance to at least 10 landowners/farmers per year for implementation of conservation practices that improve water quality and provide multiple benefits.

Iowa Department of Agriculture & Land Stewardship

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 1 - INPUTS (Funding Sources)

Staff resources for implementing the NRS and/or water quality improvement	
	FTEs
Infrastructure staff (e.g. administrative support)	124.09
Research Staff	
On-the-ground implementation staff	76.61
Other	

Funding sources appropriated by or for your organization, related to soil conservation, water quality, or Nutrient Reduction Strategy efforts								
	Program Name or Description	**Funding Amount for your organization** ($/year)	**Total Project Funding** ($/year)	**Primary Funding Source**	**How would you classify this funding?**	**How many years will this funding be predictably available in the future?** (Excluding this reporting period)	**How many years has this funding been available so far?** (Excluding this reporting period)	**Primary Product of Funding**
1	Ag Drainage Well Closure (ADW)	$ 1,875,000		State Agency	Annual Appropriations	Dependent on annual appropriations from the Iowa Legislature	19	Infrastructure, implementation
2	Conservation Reserve Enhancement Program (CREP)	$ 1,000,000		State Agency	Annual Appropriations	Dependent on annual appropriations from the Iowa Legislature	15	Infrastructure, implementation, monitoring
3	Groundwater Protection Fund *	$ 748,432		State Agency	Sustained Funding	Indefinite*	26	Infrastructure, monitoring, research
4	Integrated Farm and Livestock Management Fund (IFLM)	$ -		State Agency	Annual Appropriations	Dependent on annual appropriations from the Iowa Legislature	17	Infrastructure, research, outreach
5	District Initiatives/Iowa Buffer Initiative	$ 900,000		State Agency	Annual Appropriations	Dependent on annual appropriations from the Iowa Legislature	18	Infrastructure, implementation
6	Iowa Financial Incentives Program (IFIP)	$ 8,325,000		State Agency	Annual Appropriations	Dependent on annual appropriations from the Iowa Legislature	44	Infrastructure, implementation, research
7	Iowa State Revolving Fund (SRF)	(See IDNR Partner Report)		Federal Agency - jointly with IFA and DNR	Annual Appropriations	Dependent on annual appropriations	13	implementation

8	Resource Enhancement and Protection Program (REAP)	$ 2,000,000		State Agency	Annual Appropriations	Dependent on annual appropriations from the Iowa Legislature	29	Infrastructure, implementation
9	Soil and Water Conservation Administration	$ 3,800,000		State Agency	Annual Appropriations	Dependent on annual appropriations from the Iowa Legislature	6	Infrastructure
10	Water Quality Initiative (WQI)	$ 10,575,000		State Agency	Annual Appropriations	Dependent on annual appropriations from the Iowa Legislature	4	Infrastructure, implementation, monitoring, outreach
11	Watershed Protection Fund (WSPF)	$ 900,000		State Agency	Annual Appropriations	Dependent on annual appropriations from the Iowa Legislature	19	Infrastructure, implementation, monitoring, outreach
10	Water Quality Agriculture & Urban Infrastructure Fund	$ 1,400,000		State Agency	Annual Appropriations	Repealed July 1, 2029 or if state sales tax is increased	1	Infrastructure
*Indefinite availability as long as tax on ag chemicals is in place and as long as these products are purchased in the state to generate this revenue								

Iowa Department of Agriculture & Land Stewardship

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

For the sake of brevity, this part of the report was excluded from this document. For more information on IDALS's reported outreach and education efforts, please see the Excel version of this document at www.nutrientstrategy.iastate.edu/documents, or email Laurie Nowatzke at lwissler@iastate.edu.

Iowa Department of Natural Resources

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 1 - INPUTS (Funding Sources)

Staff resources for implementing the NRS and/or water quality improvement	
	FTEs
Infrastructure staff (e.g. administrative support)	WQ Mon 0.5, NPDES 2.5, Coordination 0.5
Research Staff	WQ Mon 1.0
On-the-ground implementation staff	Coordinators; 1.0 FTEs for DNR 319 Project Officer; 14.2
Other	WQ Mon 3 field staff

Funding sources appropriated by or for your organization, related to soil conservation, water quality, or Nutrient Reduction Strategy efforts								
	Program Name or Description	**Funding Amount for your organization** ($/year)	**Total Project Funding** ($/year)	**Primary Funding Source**	**How would you classify this funding?** (Please use one of the classifications shownbelow)	**How many years will this funding be predictably available in the future?** (Excluding this reporting period)	**How many years has this funding been available so far?** (Excluding this reporting period)	**Primary Product of Funding** (Please use one of the options shown below)
1	WQ Monitoring	$2.995 million	$ 462,354	State Appropriation	Annual Appropriation	Not predicable	19	Water Monitoring, a portion of which is for nutrients
2	Lake Restoration Program	$9.6 million	$ 801,481	State Appropriation	Annual Appropriation	Not predicable	12	On the ground implementation (primary), a portion of practices have nutrient reduction potential
2	Section 319	$3.6 million (overall)		EPA Section 319 Grant (federal agency)	Grant-based funding	Not predictable	27	On-the-ground implementation
3	NPDES	$ 250,000.00		Multiple	Sustained/Long term Funding	NA	20+years	NRS Infrastructure - PS permit implementation (2.5 FTEs estimate)

4	NRS Coordination	$ 50,000.00		Multiple	Sustained/Long term Funding	NA	NA	NRS Infrastructure - NRS Coordination
5	SRF	(see 2018 NRS Annual Report, Part One)						
6	DNR Land Management	(see 2018 NRS Annual Report, Part One)						

Iowa Department of Natural Resources

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

Education and outreach events that your organization hosted between June 1, 2018, and May 31, 2019.										
				Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event)						
	Type of Event	**Date (mm/dd/yyyy)**	**Location (Town and/or County)**	*Water Quality*	*Soil Health*	*Practices recommended by the NRS*	*Conservation Funding Opportunities*	*Other*	**Attendance**	**Partner Organizations**
1	Rathbun Lake Project Field Days (3)	2018	Lucas/Wayne	yes	yes	yes	yes			
2	Silver Creek (Clayton County) Field Day	11/29/2018	Luana, Clayton	X	X	Cover crops	X		37	ILF, FB, NRCS
3	4-County SH Workshop (Winneshiek + Clayton)	2/13/2019	Calmar, Winneshiek		X	Cover crops			125	FB, NRCS, NE IA SWCDs
4	Iowa Great Lakes Edge of Field Field Day	8/8/2018	Milford, Dickinson	X		Edge of Field	X		55	ILF, NRCS, Dickinson CWA
5	Yellow River Headwaters Soil Health Field Day	6/29/2018	Castalia, Winneshiek	X	X	Cover Crops	X		40	ILF, NRCS, FB
6	Silver Creek (Howard County) Field Day	7/15/2018	Cresco, Howard	X	X	Cover Crops	X		30	ILF, NRCS, FB
7	Badger Creek Lake Project Field Day (1)	2018	Madison	yes	yes	yes	yes		20	
8	Big Creek Lake Project Field Day (1)	2018	Polk	yes		yes	yes		190	
9	Black Hawk Lake Project Field Day (1)	2018	Sac	yes	yes	yes	yes		40	
10	Easter Lake Project Field Days (2)	2018	Polk	yes		yes	yes	urban conservation	240	
11	Dry Run Creek Project Field Days (3), 7 BMP tours	2018	Black Hawk	yes		yes	yes	urban conservation	?	
12	Lake Geode Project Field Days (4)	2018	Des Moines/Henry	yes	yes	yes	yes		?	
13	Price Creek Project Field Days (4)	2018	Iowa	yes	yes	yes	yes		?	

14	NRS Related Presentations by DNR (~15 presenmtations, PS, water monitoring, ag BMP mapping, updates, etc.)	2018		yes	yes	yes	500+ total	

Iowa Department of Natural Resources

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 3 - LAND

Was your organization involved in the construction of any of the following structural practices?
Bioreactors, saturated buffers, or water quality treatment wetlands (i.e. CREP-style wetlands)

	Please indicate each constructed practice	**Approximate location of practice** (the HUC12 watershed code is preferred, but HUC8 or county will also work)	**Year installed** (calendar year)	**Was state or federal cost-share funding used to install this practice?** This item is very important, as we are hoping to understand the extent of practices installed *without* cost-share funding	**If cost-share was NOT used for this practice:** **How many acres are treated by this practice?**	**Were any other organizations actively involved in the construction of this practice?** (This item will help us check for double-reporting)
1	Revetment rock silt dikes (rock silt dikes are often used in place of sediment ponds due to location and watershed size)	Story	2018	Yes		Story CCB
2	One sedimentation basin and the replacement of two road culvert riser structures	Henry	2018	Yes		DNR 319
3	Four sedimentation basins	Henry	2018	Yes		DNR 319
4	Sediment control ponds	Madison	2018	Yes		DNR 319
5	Sediment control ponds	Polk	2018	Yes		DNR 319
6	Sediment control ponds and grade stabilization structures	Monroe	2018	Yes		No
7	Wetland	Dickinson	2018	Yes		Okoboji Foundation
8	Stream restoration	Polk	2018	Yes		319, City of Des Moines
9	Sediment control ponds	Johnson	2018	Yes		Johnson County
10	Watershed BMPs (sediment control ponds, grade stabilization ponds	Appanoose	2018	Yes		DNR 319
11	Wetland	Dickinson	2018	Yes		NAWCA
12	319 Practices					
13	2 Wetlands	Black Hawk	2018	Yes		DNR 319
14	Rock Barrier	Dickinson	2018	Yes		DNR 319
15	10 Wetland Restorations (4) or New Constructions (6)	Dickinson	2018	Yes		DNR 319
16	Wetland	Howard	2018	Yes		DNR 319
17	2 Waterway Projects	Madison	2018	Yes		DNR 319
18	11 Waterway Projects	Polk	2018	Yes		DNR 319

19	2 Waterway Projects	Dickinson	2018	Yes		DNR 319
20	1 Waterway Project	Henry	2018	Yes		DNR 319
21	1 Waterway Project	Iowa	2018	Yes		DNR 319
22	8 Waterway Projects	Howard	2018	Yes		DNR 319
23	1 Waterway Project	Clayton	2018	Yes		DNR 319
24	17 Streambank Stabilization Projects	Sac	2018	Yes		DNR 319
25	1 Streambank Stabilization Project	Black Hawk	2018	Yes		DNR 319
26	1 Streambank Stabilization Project	Polk	2018	Yes		DNR 319
27	2 Streambank Stabilization Projects	Dickinson	2018	Yes		DNR 319
28	3 Streambank Stabilization Projects	Howard	2018	Yes		DNR 319
29	2 Streambank Stabilization Projects	Winneshiek	2018	Yes		DNR 319
30	8 Terracing Projects	Madison	2018	Yes		DNR 319
31	5 Terracing Projects	Black Hawk	2018	Yes		DNR 319
32	26 Terracing Projects	Appanoose	2018	Yes		DNR 319
33	4 Terracing Projects	Clayton	2018	Yes		DNR 319

Iowa Department of Natural Resources

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 4 - WATER

	Spatial Scale of Monitoring	Monitoring Location	**Parameters Measured** (Please list any of the parameters shown below)									
			NO2-N	*NO3-N*	*NH4-N*	*TKN*	*Diss PO4-P*	*TSS*	*TDS*	*VSS*	*Flow*	*TP*
1	Black Hawk Lake (319) HUC 12	2 sites in trib. 2 sites in lake	X	X	X	X	X	X		X	X	
2	Big Creek Lake (319) in lake monitoring	4 sites in lake						X				X
3	Badger Creek Lake (319) sub-watershed	6 sites in tribs., 3 sites in lake	X	X	X	X	X	X		X		X
4	Rathbun Lake (319) >HUC 8	2 sites in trib. 5 sites in lake	X	X	X	X	X	X	X		X	X
5	Tetes des Morts (319) HUC 12 (biological impairment	1 site at Hwy 52 bridge	X	X	X	X		X				X
6	Easter Lake (319) sub-watershed	2 sites in tributaries					X	X				
7	Dry Run Creek (319) HUC 12 (biological impairment)	2 sites in tributaries	X	X	X	X		X				X
8	Lake Mc Bride (TMDL) HUC 12	3 sites in lake	X	X	X	X	X	X	X	X		X
9	Hawthorne Lake (TMDL) HUC 12	2 sites in lake	X	X	X	X	X	X	X	X		X
10	South Fork Iowa River (TMDL) 2 HUC 12's	4 sites along river	X	X	X	X	X	X	X		X	X
11	Huc 8 (ambient Stream)	60 (shapefile provided)	X	X	X	X	X	X	X	X	X	X
12	HUC 12 (ambient Biological)	68	X	X	X	X	X	X	X	X	X	X
13	Huc 12 (ambient Lake)	131 (shapefile provided)	X	X	X		X					X
14	HUC 12 (ambient Wetland)	24	X	X	X	X	X	X				X
15	HUC 12 (Shallow Lake program)	36	X	X	X	X	X					X
16	HUC 8 (IIHR)	10		X								
17	HUC 8 (USGS)	8		X				?				
18	HUC 8 (USGS since 1993)	22+									X	

Continued:

	In what year did this project begin collecting water quality data?	How many years has data been collected since the project start date?	Is data collection still ongoing? (Y or N)	Partner Organizations	How frequently does monitoring occur? (Please indicate one of the options shown below) *Real-Time Monthly Bi-Annually Annually*
1	2012	8	Y		Event sampling on tributary, bi-weekly in lake
2	2012	8	Y		monthly
3	2013	7	Y		monthly
4	2014	5	Y	USACOE	Event sampling on tributary, monthly in lake (done by ACOE)
5	2001	7	Y		one time grab sample collected during biological sampling
6	2014	5	Y	Iowa State University	Event sampling in paired watershed study
7	2006	9	Y		one time grab sample collected during biological sampling
8	2018	1	Y		bi-weekly sampling
9	2018	1	N		bi-weekly sampling
10	2018	1	Y		bi-weekly sampling
11	2000	18	Y	N/A	monthly
12	1994	24	Y	N/A	monthly
13	2000	18	Y	N/A	monthly
14	2006	12	Y	N/A	monthly
15	2006	12	Y	N/A	monthly
16	2017	1	Y	IIHR	Real-Time
17	2008	10	Y	USGS	Real-Time
18	1993	25	Y	USGS	Real-Time

Iowa State University College of Agriculture and Life Sciences
NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 1 - INPUTS (Funding Sources)

Staff resources for implementing the NRS and/or water quality improvement	
	FTEs
Infrastructure staff (e.g. administrative support)	
Research Staff	12.81
On-the-ground implementation staff	
Other	44.391

Funding sources appropriated by or for your organization, related to soil conservation, water quality, or Nutrient Reduction Strategy efforts								
	Program Name or Description	**Funding Amount for your organization** ($/year)	**Total Project Funding** ($/year)	**Primary Funding Source**	**How would you classify this funding?**	**How many years will this funding be predictably available in the future?** (Excluding this reporting period)	**How many years has this funding been available so far?** (Excluding this reporting period)	**Primary Product of Funding** (Please use one of the options shown below)
1	ISU Research	$ 8,020,038		state and federal appropriations and grant funds				research and extension
2	ISU Extension	$ 6,322,282		state and federal appropriations and grant funds				

For the sake of brevity, this part of the report was excluded from this document. For more information on ISU's reported outreach and education efforts, please see the Excel version of this document at www.nutrientstrategy.iastate.edu/documents, or email Laurie Nowatzke at lwissler@iastate.edu.

Iowa State University College of Agriculture and Life Sciences

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 4 - WATER

	Spatial Scale of Monitoring	Monitoring Location
1	In-field and Edge-of-field http://agwatermgmt.ae.iastate.edu/content/research-program	
2	Sub-watershed- ILF Conservation Learning Labs	Story and Floyd Co.
3	Edge of Field Saturated Buffer- Jaynes and Isenhart	
4	Edge of Field Prairie Strips team	Story and Floyd Co.
5	Edge of Field Bioreactor- Soupir team	

Natural Resource Conservation Service

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 1 - INPUTS (Funding Sources)

Staff resources for implementing the NRS and/or water quality improvement	
	FTEs
Infrastructure staff (e.g. administrative support)	46
Research Staff	0
On-the-ground implementation staff	361
Other	0

Funding sources appropriated by or for your organization, related to soil conservation, water quality, or Nutrient Reduction Strategy efforts								
	Program Name or Description	**Funding Amount for your organization** ($/year)	**Total Project Funding** ($/year)	**Primary Funding Source**	**How would you classify this funding?** (Please use one of the classifications shownbelow)	**How many years will this funding be predictably available in the future?** (Excluding this reporting period)	**How many years has this funding been available so far?** (Excluding this reporting period)	**Primary Product of Funding** (Please use one of the options shown below)
1	CSP	$28,641,864.32	$28,641,864.32	Federal Agency	Annual Appropriations	unknown	15	Other - Conservation planning and other technical assistance
2	EQIP	$29,659,551.64	$29,659,551.64	Federal Agency	Annual Appropriations	unknown	21	On-the-ground implementation
2	RCPP	$4,977,661.25	$4,977,661.25	Federal Agency	Annual Appropriations	unknown	5	On-the-ground implementation
3	ACEP	$10,500,000.00	$10,500,000.00	Federal Agency	Annual Appropriations	unknown	5	On-the-ground implementation
4	CTA	$12,290,500.00	$12,290,500.00	Federal Agency	Annual Appropriations	unknown	82	On-the-ground implementation

Natural Resource Conservation Service

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

Education and outreach events that your organization hosted between June 1, 2017, and May 31, 2018.										
				Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event)						
	Type of Event	**Date (mm/dd/yyyy)**	**Location (Town and/or County)**	*Water Quality*	*Soil Health*	*Practices recommended by the NRS*	*Conservation Funding Opportunities*	*Other*	**Attendance**	**Partner Organizations**
1	Other - media campaign	11/1/2018	state-wide	x	x	x			NA	CDI, IDALS

Natural Resource Conservation Service

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 3 - LAND

Was your organization involved in the construction of any of the following structural practices? Bioreactors, saturated buffers, or water quality treatment wetlands (i.e. CREP-style wetlands)						
	Please indicate each constructed practice (highlight the cell and use the dropdown arrow)	**Approximate location of practice** (the HUC12 watershed code is preferred, but HUC8 or county will also work)	**Year installed** (calendar year)	**Was state or federal cost-share funding used to install this practice?** This item is very important, as we are hoping to understand the extent of practices installed *without* cost-share funding	**If cost-share was NOT used for this practice:** **How many acres are treated by this practice?**	**Were any other organizations actively involved in the construction of this practice?** (This item will help us check for double-reporting)
1	Saturated buffer	Benton	2018	Federal		No
2	Saturated buffer	Benton	2018	Federal		No
3	Bioreactor	Boone	2018	Federal		No
4	Bioreactor	Boone	2018	Federal		IDALS (Midwest AG)
5	Bioreactor	Buena Vista	2018	Federal		IDALS (Midwest AG)
6	Bioreactor	Cedar	2018	Federal		No
7	Saturated buffer	Dallas	2018	Federal		IDALS (Midwest AG)
8	Bioreactor	Howard	2018	Federal		No
9	Bioreactor	Jasper	2018	Federal		IDALS (Midwest AG)
10	Bioreactor	Kossuth	2018	Federal		No
11	Saturated buffer	Scott	2018	Federal		No
12	Bioreactor	Wapello	2018	Federal		IDALS (Iowa Targeted Dem

ıo)

United States Environmental Protection Agency

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 1 - INPUTS (Funding Sources)

Funding sources appropriated by or for your organization, related to soil conservation, water quality, or Nutrient Reduction Strategy efforts								
	Program Name or Description	**Funding Amount for your organization** ($/year)	**Total Project Funding** ($/year)	**Primary Funding Source**	**How would you classify this funding?**	**How many years will this funding be predictably available in the future?** (Excluding this reporting period)	**How many years has this funding been available so far?** (Excluding this reporting period)	**Primary Product of Funding** (Please use one of the options shown below)
1	EPA 319 Grant - Nonpoint Source Activities	$3,679,000.00	$3,598,000.00	Federal Agency	Grant-based funding	Annual program grant. President's Budget has proposed elimination	28	On-the-ground implementation
2	Water Quality Planning - 604b	$217,000.00	$104,310.00	Federal Agency	Grant-based funding	Annual program grant. Nothing to indicate elimination in the near future	20	NRS Infrastructure (e.g. administrative support)
3	NPDES - 106 Grant - Wastewater Program Management	$2,896,000.00	$2,966,000.00	Federal Agency	Grant-based funding	Annual program grant. President's Budget has proposed a 33% reduction	42	NRS Infrastructure (e.g. administrative support)
4	IA Nutrient Techinal Assistance - Iowa Source Water Protection Planning Phase 2	$90,000.00	$90,000.00	Federal Agency	Technical Assistance Funding	One-time	1	On-the-ground implementation

United States Environmental Protection Agency

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

Education and outreach events that your organization hosted between June 1, 2017, and May 31, 2018.										
				Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event)						
	Type of Event	**Date (mm/dd/yyyy)**	**Location (Town and/or County)**	*Water Quality*	*Soil Health*	*Practices recommended by the NRS*	*Conservation Funding Opportunities*	*Other*	**Attendance**	**Partner Organizations**
1	R7 States HABs/PFAS Roundtable	5/6/2019	Call	X					30	EPA/IDNR
2	Nsmart Webinar	5/11/2019	Webinar	X					250	EPA/Wastewater Treaters
3	Nsmart Webinar	5/10/2019	Webinar	X					300	EPA/Wastewater Treaters

United States Geological Survey

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 4 - WATER

	Spatial Scale of Monitoring	Monitoring Location	**Parameters Measured** (Please list any of the parameters shown below) *NO2-N* *NO3-N* *NH4-N* *TKN* *Diss PO4-P* *TSS* *TDS* *VSS* *Flow*
1	Varies	https://goo.gl/cTibXc	Parameters include at least one nutrient result, additonal parameters vary
2	Sub-Watershed to >HUC8	https://goo.gl/WByk7t	Nitrate, turbidity, additioanl parameters vary
3	Varies	https://goo.gl/qLRMQw	Streamflow (used to compute water-quality loads by the USGS and other agencies)

Continued:

	In what year did this project begin collecting water quality data?	How many years has data been collected since the project start date?	Is data collection still ongoing? (Y or N)	Partner Organizations	How frequently does monitoring occur? (Please indicate one of the options shown below) *Real-Time* *Monthly* *Bi-Annually* *Annually* *Other (Please describe)*
1	1906		Y	Varies	Discrete samples, frequency varies
2	2008		Y	Varies	Real-Time: 5-15 minute intervals
3	pre 1900		Y	Varies	Real-Time: 5-15 minute intervals

University of Iowa College of Engineering

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

Education and outreach events that your organization hosted between June 1, 2018, and May 31, 2019.										
				Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event)						
	Type of Event	**Date (mm/dd/yyyy)**	**Location (Town and/or County)**	*Water Quality*	*Soil Health*	*Practices recommended by the NRS*	*Conservation Funding Opportunities*	*Other*	**Attendance**	**Partner Organizations**
1	IWA Advisory Board: Otter Creek Watershed Tour	6/8/2018	West Union/Fayette County			Wetlands, WASCOBS, Ponds, On-road Structures, perenial cover,	IWA, CRP		60	NE IA RC&D, Iowa Flood Center
2	IGS Field Day: Subsurface Mapping	10/11/2018	Vinton/ Benton County				IWA		12	Iowa Flood Center,Iowa Geological Survey, IIHR, Middle Cedar WMA
3	ISU Horticulture Seminar	8/22/2018	Ames	x					50	ISU
4	Conservation Districts of Iowa	9/11/2018	Des Moines	x					100	CDI
5	Cedar Rapids gazette Iowa Ideas Conference	9/20/2018	Cedar Rapids	x					25	Iowa Ag water alliance
6	Turkey River WMA	9/27/2018	Postville	x					30	
7	Shive Hattery Co.	10/9/2018	Iowa City	x						
8	Fairfield NRCS/SWCD	2/7/2019	Fairfield	x						

University of Iowa College of Engineering

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 4 - WATER

			Parameters Measured (Please list any of the parameters shown below)						
	Spatial Scale of Monitoring	**Monitoring Location**	*NO2-N*	*NO3-N*	*NH4-N*	*TKN*	*Diss PO4-P*	*TSS*	*Other (please describe)*
1	>HUC8	Iowa River @ Iowa City		x					
2	HUC12	Clear Creek @ Coralville		x					a
3	HUC8	Clear Creek @ Oxford		x					a
4	HUC8	English River @ Kalona		x					b
5	>HUC8	Cedar River @ Conesville		x					
6	Subwatershed	Slough Creek Wetland Outlet @ Orchard		x					a
7	>HUC8	Skunk River @ Augusta		x					
8	Subwatershed	Clear Creek @ Homestead		x					
9	Subwatershed	Slough Creek Wetland Inlet @ Orchard		x					b
10	Subwatershed	Beaver Creek @ Bassett		x					a
11	HUC12	Beaver Creek @ Colwell		x					a
12	Subwatershed	Rapid Creek DS @ Solon		x					b
13	Subwatershed	Rapid Creek US @ Solon		x					b
14	>HUC8	Wapsipinicon River @ DeWitt		x				x	turbidity
15	HUC8	South Fork Iowa River @ New Providence		x				x	turbidity
16	Subwatershed	Catfish Creek (S) @ Dubuque		x					a
17	Subwatershed	Catfish Creek (N) @ Dubuque		x					a
18	HUC12	Lime Creek @ Brandon		x					
19	Subwatershed	Big Spring @ Elkader		x					
20	HUC8	Middle Raccoon River @ Panora		x					
21	>HUC8	Des Moines River @ Keosauqua		x				x	turbidity
22	HUC12	Cedar Creek @ Batavia		x					
23	HUC12	Miller Creek @ LaPorte City		x					
24	HUC8	Thompson Fork @ Davis City		x				x	turbidity
25	HUC12	East Nishnabotna River @ Brayton		x					
26	HUC12	Squaw Creek @ Ames		x					
27	HUC12	Boone River @ Goldfield		x					
28	HUC8	Boyer River @ Logan		x				x	turbidity
29	HUC8	Maple River @ Mapleton		x					
30	HUC8	Floyd River @ James		x				x	turbidity

31	HUC8	East Nishnabotna River @ Riverton		x		b
32	HUC12	Walnut Creek DS @ Prairie City		x		
33	Subwatershed	Walnut Creek US @ Prairie City		x		
34	Subwatershed	Tipton Creek @ Hubbard		x		
35	HUC12	West Fork Crooked Creek @ Washington		x		
36	Subwatershed	BeaverCreek@Eldora		x		
37	Subwatershed	Walnut Creek @ Kelley		x		
38	Subwatershed	Drainage Tile @ Ames		x		
39	Subwatershed	Drainage Tile (1) @ Sherman		x		
40	Subwatershed	Drainage Tile (2) @ Sherman		x		
41	Subwatershed	Willow Creek @ Kellogg		x		a
42	Subwatershed	Perry Pond Outlet @ Kellogg		x		a
43	HUC8	Soldier River @ Pisgah		x	x	turbidity
44	HUC12	Mill Creek @ Cherokee		x		
45	HUC8	Yellow River @ Ion		x	x	turbidity
46	HUC8	Upper Iowa River @ Dorchester		x		DO
47	>HUC8	Little Sioux River @ Little Sioux		x	x	turbidity
48	HUC8	Monona-Harrison Ditch @ Little Sioux		x	x	turbidity
49	HUC8	Rock River @ Rock Valley		x	x	turbidity
50	HUC8	Wapsipinicon River @ Central City		x		
51	HUC12	Wolf Creek @ Dysart		x		b
52	HUC12	Mud Creek @ Vinton		x		a
53	HUC12	North English River @ North English		x		b
54	HUC12	Powell Creek @ Storm Lake		x		b
55	HUC12	Cedar Creek @ Pocahontas		x		
56	HUC8	W. Nishnabotna R. @ Harlan		x		b
57	Subwatershed	Storm Sewer @ Coralville		x		b
58	Subwatershed	Saturated Buffer Inlet @ Adair Co.		x		
59	HUC8	Boone River @ Webster City		x		
60	HUC8	North Raccoon River @ Jefferson			x	turbidity
61	HUC8	Shellrock River @ Shellrock		x	x	turbidity
62	HUC8	Cedar River @ Janesville		x	x	turbidity
63	>HUC8	Iowa River @ Wapello			x	turbidity

a temperature, specific conductance, dissolved oxygen, pH

b temperature, specific conductance, dissolved oxygen, pH, turbidity

Continued:

	In what year did this project begin collecting water quality data?	How many years has data been collected since the project start date?	Is data collection still ongoing? (Y or N)	Partner Organizations	How frequently does monitoring occur? (Please indicate one of the options shown below)				
					Real-Time	*Monthly*	*Bi-Annually*	*Annually*	*Other (Please describe)*
1	2012	7	yes		real-time				
2	2012	7	yes	CZO	real-time				
3	2012	7	yes	CZO	real-time				
4	2012	7	yes	IWA, English R WMA	real-time				
5	2012	7	yes		real-time				
6	2013	6	yes	landowner	real-time				
7	2013	6	yes	IDNR	real-time				
8	2014	5	yes	CZO	real-time				
9	2014	5	yes	landowner	real-time				
10	2014	5	yes	HUD-1	real-time				
11	2014	5	yes	HUD-1	real-time				
12	2014	5	no	Johnson SWCD	real-time				
13	2014	5	no	Johnson SWCD	real-time				
14	2015	4	yes		real-time/monthly (TSS)				
15	2015	4	yes	USDA-ARS	real-time/monthly (TSS)				
16	2015	4	yes	City of Dubuque	real-time				
17	2015	4	no	City of Dubuque	real-time				
18	2015	4	yes	Coe College	real-time				
19	2015	4	yes	IDNR	real-time				
20	2016	3	yes	City of Panora	real-time				
21	2016	3	yes	IDNR	real-time/monthly (TSS)				
22	2016	3	yes	HUD-1	real-time				
23	2016	3	yes	WQI project	real-time				
24	2016	3	yes	IDNR	real-time/monthly (TSS)				
25	2016	3	yes	IWA	real-time				
26	2016	3	yes	WQI project	real-time				
27	2016	3	yes	WQI project	real-time				
28	2016	3	yes	IDNR	real-time/monthly (TSS)				
29	2016	3	yes		real-time				
30	2016	3	yes	IDNR	real-time/monthly (TSS)				
31	2016	3	yes	IWA	real-time				
32	2016	3	yes	USDA-ARS	real-time				
33	2016	3	yes	USDA-ARS	real-time				
34	2016	3	yes	USDA-ARS	real-time				

35	2016	3	yes	WQI project	real-time
36	2016	3	yes	USDA-ARS	real-time
37	2016	3	yes	USDA-ARS	real-time
38	2016	3	yes	USDA-ARS	real-time
39	2016	3	yes	USDA-ARS	real-time
40	2016	3	yes	USDA-ARS	real-time
41	2017	2	yes	Grinnell College	real-time
42	2017	2	yes	Grinnell College	real-time
43	2017	2	yes	IDNR	real-time/monthly (TSS)
44	2017	2	yes	IWA	real-time
45	2017	2	yes	IDNR	real-time/monthly (TSS)
46	2017	2	yes	IWA	real-time
47	2017	2	yes	IDNR	real-time/monthly (TSS)
48	2017	2	yes	IDNR	real-time/monthly (TSS)
49	2017	2	yes	IDNR	real-time/monthly (TSS)
50	2017	2	yes	IWA	real-time
51	2017	2	yes	IWA	real-time
52	2017	2	yes	IWA	real-time
53	2017	2	yes	IWA, English R WMA	real-time
54	2017	2	yes	IWA	real-time
55	2017	2	yes	IWA	real-time
56	2017	2	yes	IWA	real-time
57	2018	1	yes	IWA	real-time
58	2018	1	yes	Agridrain	real-time
59	2018	1	yes	TNC	real-time
60	2018	1	yes	IDNR	real-time/monthly (TSS)
61	2018	1	yes	IDNR	real-time/monthly (TSS)
62	2018	1	yes	IDNR	real-time/monthly (TSS)
63	2018	1	yes	IDNR	real-time/monthly (TSS)

Agriculture's Clean Water Alliance

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 1 - INPUTS (Funding Sources)

Funding sources appropriated by or for your organization, related to soil conservation, water quality, or Nutrient Reduction Strategy efforts								
	Program Name or Description	**Funding Amount for your organization** ($/year)	**Total Project Funding** ($/year)	**Primary Funding Source**	**How would you classify this funding?** (Please use one of the classifications shownbelow)	**How many years will this funding be predictably available in the future?** (Excluding this reporting period)	**How many years has this funding been available so far?** (Excluding this reporting period)	**Primary Product of Funding** (Please use one of the options shown below)
1	Agriculture's Clean Water Alliance (ACWA) water monitoring, communications, program management	$260,050.00		Private Grant	Annual appropriation	1	18	Water monitoring; communications/outreach; program management
2	WQI - Elk Run watershed (contract with ISA)	$151,144.00		State Agency	Grant-based funding	2	4	On-the-ground implementation (practices); water monitoring; outreach

Agriculture's Clean Water Alliance

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

Education and outreach events that your organization hosted between June 1, 2018, and May 31, 2019.											
				Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event)							
	Type of Event	**Date (mm/dd/yyyy)**	**Location (Town and/or County)**	*Water Quality*	*Soil Health*	*Practices recommended by the NRS*	*Conservation Funding Opportunities*	*Other*	**Attendance**	**Partner Organizations**
1	Conservation drainage workshop	12/19/2018	Lake City, IA	X	X	X	X	X	25	ACWA

Agriculture's Clean Water Alliance

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 3 - LAND

Was your organization involved in the construction of any of the following structural practices? Bioreactors, saturated buffers, or water quality treatment wetlands (i.e. CREP-style wetlands)						
	Please indicate each constructed practice (highlight the cell and use the dropdown arrow)	**Approximate location of practice** (the HUC12 watershed code is preferred, but HUC8 or county will also work)	**Year installed** (calendar year)	**Was state or federal cost-share funding used to install this practice?** This item is very important, as we are hoping to understand the extent of practices installed *without* cost-share funding	**If cost-share was NOT used for this practice:** **How many acres are treated by this practice?**	**Were any other organizations actively involved in the construction of this practice?** (This item will help us check for double-reporting)
1	Bioreactor	Caroll	2019	State		ISA, IAWA

Agriculture's Clean Water Alliance

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 4 - WATER

For the sake of brevity, this part of the report was excluded from this document. For more information on ACWA's reported water monitoring efforts, please see the Excel version of this document at www.nutrientstrategy.iastate.edu/documents, or email Laurie Nowatzke at lwissler@iastate.edu.

Iowa Corn Growers Association

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 1 - INPUTS (Funding Sources)

Staff resources for implementing the NRS and/or water quality improvement	
	FTEs
Infrastructure staff (e.g. administrative support)	0.6
Research Staff	0.25
On-the-ground implementation staff	2.5
Other	2

Funding sources appropriated by or for your organization, related to soil conservation, water quality, or Nutrient Reduction Strategy efforts								
	Program Name or Description	**Funding Amount for your organization** ($/year)	**Total Project Funding** ($/year)	**Primary Funding Source**	**How would you classify this funding?** (Please use one of the classifications shownbelow)	**How many years will this funding be predictably available in the future?** (Excluding this reporting period)	**How many years has this funding been available so far?** (Excluding this reporting period)	**Primary Product of Funding** (Please use one of the options shown below)
1	Iowa Ag Water Alliance	$ 251,972		Checkoff	Long term	Indefinately	5	Implementation
2	Iowa Nutrient Research & Education Council	$ 60,423		Checkoff	Long term	Indefinately	4	Implementation, research
2	Soil Health Partnership	$ 74,307		Checkoff	Long term	Indefinately	3	Implementation, research
3	Iowa Corn water quality communications	$ 105,904		Checkoff	Long term	Indefinately	3	Implementation
4	Nitrate test kits and associated meetings	$ 10,154		Checkoff	Annual appropriations	1	2	Implementation
5	Field days & watershed project support	$ 9,039		Checkoff	Long term	Indefinately	6	Infrastructure
6	4R Plus	$ 506		Checkoff	Annual appropriations	1	1	Implementation

Iowa Corn Growers Association

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

Education and outreach events that your organization hosted between June 1, 2018, and May 31, 2019.										
				Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event)						
	Type of Event	Date (mm/dd/yyyy)	Location (Town and/or County)	*Water Quality*	*Soil Health*	*Practices recommended by the NRS*	*Conservation Funding Opportunities*	*Other*	Attendance	Partner Organizations
1	Open house	6/2/2018	Big Creek Lake	Water Quality		Practices			100	DNR, Iowa Pork, ISU
2	Field day	6/6/2018	Jefferson County			Practices			50	Lower Skunk WQI, ISU
3	4R Summit	6/11/2018	Des Moines			Practices			350	TFI
4	Field day	6/13/2018	Hardin			Practices			70	Southfork watershed
5	Open house	6/22/2018	Sioux Co.			Practices			100	West Branch WQI
6	Source Water Protection Meeting	6/25/2018	Remsen	Water Quality		Practices			15	DNR, CDI
7	Field day	7/17/2018	Squaw Creek	Water Quality		Practices			35	Squaw Creek WQI
8	Field day	7/31/2018	Calhoun		Soil Health	Practices			50	SHP
9	Field day	8/8/2018	Audubon		Soil Health	Practices			20	SHP
10	Field day	8/22/2018	Walnut Creek			Practices			40	ILF, Polk SWCD
11	Field day	8/23/2018	Poweshiek			Practices			50	Little Bear Creek
12	Conference	8/24/2018	Polk		Soil Health	Practices			100	SHP
13	Field day	9/4/2018	Corning		Soil Health	Practices			30	SHP
14	Field day	9/6/2018	Silver City		Soil Health	Practices			30	SHP
15	Field day	9/11/2018	Rockwell City			Practices			35	LT Leon
16	Field day	9/13/2018	Melbourne			Practices			75	LICA, IAWA
17	Symposium	9/13/2018	Fayette		Soil Health	Practices			50	Upper Iowa University
18	Field day	9/14/2018	Coon Rapids			Practices			25	LT Leon
19	Field day	9/25/2018	West Liberty			Practices			50	SHP, CSIF

20	Source Water Protection Meeting	9/26/2018	Pierson	Water Quality		Practices	20	DNR, CDI
21	Source Water Protection Meeting	9/27/2018	Doon	Water Quality		Practices	20	DNR, CDI
22	Source Water Protection Meeting	10/29/2018	Sioux Rapids	Water Quality		Practices	20	DNR, CDI
23	Source Water Protection Meeting	11/7/2018	Early	Water Quality		Practices	20	DNR, CDI
24	Field day	11/13/2018	Waterloo		Soil Health	Practices	50	SHP
25	Field day	11/14/2018	Laurens		Soil Health	Practices	30	SHP
26	Field day	11/27/2018	Algona			Practices	25	Seed Corn WQI
27	Workshop	1/21/2019	Tama	Water Quality		Practices Funding	150	Mid-Iowa Coop
28	Seminar	1/29/2019	Polk			Practices	35	4R Plus
29	Workshop	1/29/2019	Ankeny			Practices	40	Seed Corn WQI
30	Seminar	1/30/2019	Polk			Practices	55	4R Plus
31	Source Water Protection Meeting	2/5/2019	Kimballton	Water Quality		Practices	15	DNR, CDI
32	Workshop	3/5/2019	Beaman			Practices	25	Seed Corn WQI

Iowa Farm Bureau Federation

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 1 - INPUTS (Funding Sources)

Funding sources appropriated by or for your organization, related to soil conservation, water quality, or Nutrient Reduction Strategy efforts								
	Program Name or Description	**Funding Amount for your organization** ($/year)	**Total Project Funding** ($/year)	**Primary Funding Source**	**How would you classify this funding?** (Please use one of the classifications shownbelow)	**How many years will this funding be predictably available in the future?** (Excluding this reporting period)	**How many years has this funding been available so far?** (Excluding this reporting period)	**Primary Product of Funding** (Please use one of the options shown below)
1	IFBF SHARE Grants	$ 12,562		Private Grant	Grant-based funding			Information, Education, Outreach, Practice Implementation
2	Investment in county Farm Bureau events	$ 32,112		Private Grant	Grant-based funding			Information, Education, Outreach

Iowa Pork Producers Association

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 1 - INPUTS (Funding Sources)

Funding sources appropriated by or for your organization, related to soil conservation, water quality, or Nutrient Reduction Strategy efforts								
	Program Name or Description	**Funding Amount for your organization** ($/year)	**Total Project Funding** ($/year)	**Primary Funding Source**	**How would you classify this funding?** (Please use one of the classifications shownbelow)	**How many years will this funding be predictably available in the future?** (Excluding this reporting period)	**How many years has this funding been available so far?** (Excluding this reporting period)	**Primary Product of Funding** (Please use one of the options shown below)
1	Iowa Agriculture Water Alliance	$ 250,000		National Pork Checkoff	Annual Appropriation	based on BOD approval	4	NRS Infrastructure, coordination, support, other
2	Iowa Nutrient Research & Education Council	$ 35,000		Voluntary-producer check-off	Annual Appropriation	based on BOD approval	4	NRS infrastructure, monitoring, coordination, support, research, other
3	Edge of Field Cost Share Support to IDALS	$ 25,000		National Pork Checkoff	Annual Appropriation	based on committee approval	2	On the ground implementation cost-share
4	Support for Raccoon River Manure Mgmt. Field Day	$ 1,321		National Pork Checkoff	Grant-based funding	based on committee approval	1	other (producer outreach/education
5	Support for Sioux County Manure Mgmt. Field Day	$ 264		National Pork Checkoff	Grant-based funding	based on committee approval	1	other (producer outreach/education
6	Support for Manure Mgmt. Field Day	$ 513		National Pork Checkoff	Grant-based funding	based on committee approval	1	other (producer outreach/education

Iowa Pork Producers Association

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

Education and outreach events that your organization hosted between June 1, 2018, and May 31, 2019.											
				Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event)							
	Type of Event	**Date (mm/dd/yyyy)**	**Location (Town and/or County)**	*Water Quality*	*Soil Health*	*Practices recommended by the NRS*	*Conservation Funding Opportunities*	*Other*	**Attendance**	**Partner Organizations**
1	Iowa Pork Congress Seminar - "Environmental Stewarship & Pork Production Panel	1/23/2019	Des Moines, IA	All the above					80	Iowa Agriculture Water Alliance

Iowa Soybean Association

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 1 - INPUTS (Funding Sources)

Staff resources for implementing the NRS and/or water quality improvement	
	FTEs
Infrastructure staff (e.g. administrative	3
Research Staff	6
On-the-ground implementation staff	4
Other	

Funding sources appropriated by or for your organization, related to soil conservation, water quality, or Nutrient Reduction Strategy efforts								
	Program Name or Description	**Funding Amount for your organization** ($/year)	**Total Project Funding** ($/year)	**Primary Funding Source**	**How would you classify this funding?** (Please use one of the classifications shownbelow)	**How many years will this funding be predictably available in the future?** (Excluding this reporting period)	**How many years has this funding been available so far?** (Excluding this reporting period)	**Primary Product of Funding** (Please use one of the options shown below)
1	WQI - Boone River	$ 29,122		State Agency	Grant-based funding	1	5	Water monitoring
2	WQI - Miller Creek	$ 17,705		State Agency	Grant-based funding	1	5	Water monitoring
3	WQI - Crooked Creek	$ 16,764		State Agency	Grant-based funding	1	5	Water monitoring
4	WQI - Lower Skunk River	$ 10,000		State Agency	Grant-based funding	1	5	Water monitoring
5	WQI - Farm to River			State Agency	Grant-based funding			On-the-ground implementation (practices); water monitoring; outreach
6	WQI - Benton County	$ 14,343		State Agency	Grant-based funding	1	5	Water monitoring
7	WQI - Walnut Creek	$ 1,000		State Agency	Grant-based funding	0	2	Water monitoring
8	WQI - Rock Creek	$ 50,000	$ 275,190	State Agency	Grant-based funding	0	4	On-the-ground implementation (practices); water monitoring

9	Iowa Nutrient Research Center - STRIPS project	$ 5,000	$ 33,244	State University	Grant-based funding	0	4	Research
11	RCPP Middle Cedar/Cedar Rapids	$ 25,000	$ 125,000	City	Long term funding	2	3	NRS Infrastructure; on-the-ground implementation; water monitoring
12	IAWA - RCPP; conservation planning	$ 30,000	$ 100,000	Private Grant	Grant-based funding	1	3	NRS Infrastructure (conservation planning)
13	Cover crop project	$ 40,000	$ 122,804	State funding	Grant-based funding	1	2	Research
14	IAWA - Conservation Drainage	$ 15,000	$ 40,000	Private Grant	Grant-based funding	1	2	NRS Infrastructure
15	State CIG - Saturated buffer	$ 24,000	$ 73,875	State Agency	Grant-based funding	1	2	On-the-ground implementation; research
16	WQI - Taylor County	$ 5,000		State Agency	Grant-based funding	1	1	Water monitoring
17	Hancock County SWCD	$ 3,205		State Agency	Grant-based funding	1	1	Water monitoring
18	NRCS CCG - watershed planning	$ 37,500	$ 180,571	Federal Agency	Grant-based funding	0	1.5	On-the-ground implementation (watershed/conservation planning)
19	Syngenta habitat project	$ 120,000	$ 171,840	Private Grant	Grant-based funding	1	1	On-the-ground implementation (oxbows, sat. buffers, habitat)
20	WQI - Deep Creek	$ 7,420		State Agency	Grant-based funding	1	2.5	Water monitoring
21	WQI - Cedar Creek partnership	$ 14,798		State Agency	Grant-based funding	1	2.5	Water monitoring
22	Watershed planning - diffusion hubs	$ 200,000		Private Grant	Grant-based funding	0.5	1.5	On-the-ground implementation (watershed planning)

23	Conservation finance feasibility study (Project 1)	$ 100,000	$ 100,000	Private Grant	Grant-based funding	0	1	NRS Infrastructure; research
24	Polk County NFWF	$ 20,500	$ 51,280	State/Federal Agency	Grant-based funding	1.5	1	On-the-ground implementation (conservation planning)
25	IAWA - watershed planning (Wilson Creek)	$ 23,214	$ 23,214	Private Grant	Grant-based funding	0	1	Watershed planning
26	Iowa NRCS/ISU IPC	$ 5,000	$ 15,000	State University	Grant-based funding	2	1	Research; outreach
27	Drainage Water Recycling (IA Nutrient Research Ctr)	$ 4,608	$ 13,825	State University	Grant-based funding	2	1	Research
28	USDA/Purdue - educational modules	$ 4,716	$ 14,148	State University	Grant-based funding	2	1	Outreach
29	NRCS Iowa Partners for Conservation	$ 96,600	$ 233,494	Federal Agency	Grant-based funding	1.5	1	On-the-ground implementation (watershed/conservation planning)
30	Practical Farmers/CIG	$ 9,381	$ 26,910	Non-Profit (farmer membership)	Grant-based funding	2	1	Research; outreach
31	Iowa Soybean Association checkoff - EPS	$ 742,311	$ 742,311	Commodity Checkoff	Annual appropriation	1	17	NRS Infrastructure; on-the-ground implementation; water monitoring; research; other
32	RCPP Middle Cedar/Cedar Rapids (Water Monitoring)	$ 39,700		City	Short term funding	1	2	Water monitoring

33	Conservation finance feasibility study (Project 2)	$ 225,000	$ 225,000	Private Grant	Grant-based funding	0	1	NRS Infrastructure; research
34	N Balance project	$ 50,000	$ 50,000	Private Grant	Grant-based funding	0	1	Research
35	ISA Modeling (excess nitrogen)	$ 25,000	$ 25,000	State Agency	Grant-based funding	0	2	Research
36	On-Farm (strip till vs conventional till	$ 40,000	$ 40,000	Private Grant	Grant-based funding	1	3	Research; other (strip trials)
37	On-Farm (long term cover crop trials)	$ 25,000	$ 25,000	Private Grant	Grant-based funding	1	3	Research; other (strip trials)
38	On-Farm (no-till vs conventional till)	$ 10,000	$ 10,000	Private Grant	Grant-based funding	1	4	Research; other (strip trials)
39	On-Farm (nitrogen rate demonstrations)	$ 50,000	$ 50,000	Private Grant	Grant-based funding	1	3	Research; other (strip trials)
40	On-Farm (variable rate nitrogen)	$ 25,000	$ 25,000	Private Grant	Grant-based funding	1	3	Research; other (strip trials)
41	Iowa Soybean Association checkoff - OFN	$ 200,000	$ 200,000	Commodity Checkoff	Annual appropriation	1	17	NRS Infrastructure; on-the-ground implementation; research; other
42	Integrated Farm and Livestock Management (IFLM)	$ 100,000	$ 100,000	State Agency	Annual appropriation	1	13	Research

Iowa Soybean Association

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

Education and outreach events that your organization hosted between June 1, 2018, and May 31, 2019.											
				Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event)							
	Type of Event	**Date (mm/dd/yyyy)**	**Location (Town and/or County)**	*Water Quality*	*Soil Health*	*Practices recommended by the NRS*	*Conservation Funding Opportunities*	*Other*	**Attendance**	**Partner Organizations**
1	Black Hawk Creek watershed meeting	6/29/2018	Reinbeck, IA	X	X	X	X	X	17	
2	Holland Creek Watershed meeting	7/24/2018	Wellsburg, IA	X	X	X	X		15	
3	4R Plus Field Day	7/31/2018	Boone Co.	X	X	X		X	100	ISU, Nature Conservancy
4	Howard Creek Watershed event	9/12/2018	St. Olaf, IA	X	X	X	X		14	
5	Edge-of-field practice field day - LICA farm	9/13/2018	Marshall Co.	X	X	X	X		120	IAWA
6	Drainage Research Forum	11/13/2018	Owatonna, MN	X	X	X		X	80	ISU, U of Mn, SDSU
7	Black Hawk Creek Watershed workshop	12/7/2018	Hudson, IA	X	X	X	X		16	
8	One Water Action Forum	12/10-12/13/18	Indianapolis, IN	X	X	X			80	SWCS, North Central Region Water Network
9	Farmer meeting	12/11/2018	Lewis, IA		X	X		X	30	
10	Farmer meeting	1/15/2019	Waterloo, IA	X	X	X		X	20	North Iowa Agronomy Partners
11	Black Hawk Creek watershed meeting	1/31/2019	Hudson, IA	X	X	X	X		11	Black Hawk Creek Water and Soil Coalition, IAWA
12	Farmer Research Tour	2/5/2019	Storm Lake, IA	X	X	X	X	X	100	
13	Farmer Research Tour	2/7/2019	Ames, IA	X	X	X	X	X	120	
14	Farmer Research Tour	2/12/2019	Cedar Rapids, IA	X	X	X	X	X	25	
15	Grower meeting	2/14/2019	Atlantic, IA	X	X	X		X	25	

16	Twin Cedars Watershed Advisory meeting	2/27/2019	Tracy, IA	X	x	x	x	26	NRCS, South Central Cedar Cr WMA
17	West Buttrick Creek watershed workshop	2/28/2019	Paton, IA	X	X	X	X	21	NRCS, Greene SWCD
18	Open house for Polk, Dallas Co watershed projects	3/7/2019	Ankeny, IA	X	X	X	X	12	Polk Co. SWCD, Walnut Creek Watershed
19	Black Hawk Creek watershed meeting	3/28/2019	Hudson, IA	X	X	X	X	14	
20	Walnut Creek watershed field day	8/22/2018	Dallas Center	X	X	X	X		Polk SWCD, ILF
21	Skillet Creek watershed plan meeting	2/21/2019	Dayton	X	X	X		15	NRCS
22	Mill Creek Cedar River watershed meeting	2/25/2019	Morse	X	X	X		25	NRCS, Lower Cedar WMA
23	Oxbow Field Day	4/9/2019	Eagle Grove, IA	X			X	40	Syengenta
24	Conservation assessments - NRCS CCG		Upper Crane, Holland, and Howard Creek watersheds	X	X	X		18	
25	Conservation assessments - IAWA RCPP		Grundy, Hamilton, Adair, Story, Warren, Clarke	X	X	X		8	IAWA
26	Conservation assessments - Polk NFWF		Polk	X	X	X		1	
27	Institute for Journalism and Natural Resources	6/21/2018	Washington	X	X	X		30	PFI
28	Upper Crane Creek Watershed Meeting	6/28/2019	Bremer	X	X	X	X	15	
29	Roundtable on Ag and Conservation Finance	9/5/2018	Polk				X	30	EDF
30	Cover Crop Day	11/15/2018	Polk	X	X	X		30	PFI
31	Conservation Finance Focus Group	3/28/2019	Benton				X	15	
32	Conservation Finance Focus Group	3/29/2019	Dallas				X	15	

Iowa Soybean Association

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 3 - LAND

Was your organization involved in the construction of any of the following structural practices? Bioreactors, saturated buffers, or water quality treatment wetlands (i.e. CREP-style wetlands)						
	Please indicate each constructed practice (highlight the cell and use the dropdown arrow)	**Approximate location of practice** (the HUC12 watershed code is preferred, but HUC8 or county will also work)	**Year installed** (calendar year)	**Was state or federal cost-share funding used to install this practice?** This item is very important, as we are hoping to understand the extent of practices installed *without* cost-share funding	**If cost-share was NOT used for this practice:** **How many acres are treated by this practice?**	**Were any other organizations actively involved in the construction of this practice?** (This item will help us check for double-reporting)
1	Bioreactor	070802010604	2018	Yes		
2	Bioreactor	070802010604	2018	Yes		
3	Bioreactor	070802010603	2018	Yes		
4						
5						

Iowa Soybean Association

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 4 - WATER

For the sake of brevity, this part of the report was excluded from this document. For more information on ISA's reported water monitoring efforts, please see the Excel version of this document at www.nutrientstrategy.iastate.edu/documents, or email Laurie Nowatzke at lwissler@iastate.edu.

Iowa Agriculture Water Alliance

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 1 - INPUTS (Funding Sources)

Staff resources for implementing the NRS and/or water quality improvement	
	FTEs
Infrastructure staff (e.g. administrative support)	1
Research Staff	0
On-the-ground implementation staff	0
Other	3

Funding sources appropriated by or for your organization, related to soil conservation, water quality, or Nutrient Reduction Strategy efforts

	Program Name or Description	**Funding Amount for your organization** ($/year)	**Total Project Funding** ($/year)	**Primary Funding Source**	**How would you classify this funding?** (Please use one of the classifications shownbelow)	**How many years will this funding be predictably available in the future?** (Excluding this reporting period)	**How many years has this funding been available so far?** (Excluding this reporting period)	**Primary Product of Funding** (Please use one of the options shown below)
1	Iowa Corn Growers Association	$ 250,000		Commodity Check-Off	Sustained Funding	0	4	Other
2	Iowa Pork Producers Association	$ 250,000		Commodity Check-Off	Sustained Funding	0	4	Other
3	Iowa Soybean Association	$ 250,000		Commodity Check-Off	Sustained Funding	0	4	Other
4	McKnight Foundation	$ 60,000		Private Grant	Grant-based funding	1	0	Other
5	Business Council	$ 200,500		Other	Annual Appropriations	0	3	NRS Infrastructure (e.g. administrative support), Other
6	NRCS CCG		$ 76,215	State Agency	Grant-based funding	1	1	Other
7	Iowa Corn EOF Grant		$ 30,000	Private Grant	Grant-based funding	1	0	Other

8	MAWQP RCPP			Federal Agency	Grant-based funding	2	2	NRS Infrastructure (e.g. administrative support), On-the-ground implementation (e.g. practices)
9	IEDA Grant	$ 30,000.00		State Agency	Grant-based funding	2	0	Other

Iowa Agriculture Water Alliance

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

Education and outreach events that your organization hosted between June 1, 2018, and May 31, 2019.											
				Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event)							
	Type of Event	**Date (mm/dd/yyyy)**	**Location (Town and/or County)**	*Water Quality*	*Soil Health*	*Practices recommended by the NRS*	*Conservation Funding Opportunities*	*Other*		**Attendance**	**Partner Organizations**
1	Other (One Water Iowa Delegation)	7/10/2018	Minneapolis	x	x	x	x			50	Iowa Soybean Association
2	Field Day (LICA Field Day)	9/13/2018	Melbourne	x		x	x			60	LICA, ICGA, ISA, IPPA, ILF, IDALS
3	Other (MRCC-Miller Creek Press Event)	9/24/2018	Cedar Rapids	x	x	x	x			30	Miller Creek Project, IDALS, City of Cedar Rapids, MRCC
4	Workshop (Conservation Infrastructure Workshop)	11/28/2018	Huxley	x	x	x	x			65	Context Network, IDALS
5	Other (One Water Panel at Iowa Water Conference)	3/21/2019	Ames	x		x			x	30	ISA, Iowa Water Center
6	Advisory Council Meetings	4 throughout the year	Ankeny	x	x	x	x			30 at each	
7	Business Council Meetings	4 throughout the year	Ankeny	x	x	x	x			15 at each	

The Nature Conservancy

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 1 - INPUTS (Funding Sources)

Staff resources for implementing the NRS and/or water quality improvement	
	FTEs
Infrastructure staff (e.g. administrative support)	0.5
Research Staff	0.25
On-the-ground implementation staff	4
Other	3

Funding sources appropriated by or for your organization, related to soil conservation, water quality, or Nutrient Reduction Strategy efforts								
	Program Name or Description	**Funding Amount for your organization** ($/year)	**Total Project Funding** ($/year)	**Primary Funding Source**	**How would you classify this funding?** (Please use one of the classifications shownbelow)	**How many years will this funding be predictably available in the future?** (Excluding this reporting period)	**How many years has this funding been available so far?** (Excluding this reporting period)	**Primary Product of Funding** (Please use one of the options shown below)
1	Boone River Watershed			Private and federal grants	Grant-based funding	1	17	On-the-ground implementation
2	Cedar River Watershed			Private	Grant based funding	1	3	On-the ground implimentation and Other (outreach/Coorindation)
3	Miller Creek Challenge Funds		$ 108,000	Private	Grant based funding			On-the ground implimentation
4	Iowa 4R Plus			private	Grant-based funding	3	3	other- marketing and outreach and training
5	Swamp White Oak (Lower Cedar)			private and federal	Grant-based funding	1	19	on the ground implementation
6	Des Moines area watersheds			private	Grant-based funding	1	2	on the ground implementation

The Nature Conservancy

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

Education and outreach events that your organization hosted between June 1, 2018, and May 31, 2019.											
				Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event)							
	Type of Event	**Date (mm/dd/yyyy)**	**Location (Town and/or County)**	*Water Quality*	*Soil Health*	*Practices recommended by the NRS*	*Conservation Funding Opportunities*	*Other*		**Attendance**	**Partner Organizations**
1	Field Day	6/27/2018	Webster City	x	x	x	x	x		60	PFI, DNR, ISU
2	Cover Crop Summitt	1/10/2019	Cedar Rapids		X	X	X			30	PFI, SWCD
3	Greening Your Landscape Workshop	5/10/2018	Muscatine	x						9	Muscatine SWCD
	Cedar River Ramble	6/3/2018	Cedar County	x						8	Muscatine SWCD
4	Master Conservationist Program	Fall 2018	Muscatine	x				x		22	ISU Extension
6	Muscatine Garden Club	10/8/2018	MUscatine	x						10	
7	Iowa Power Farming Show	1/1/2019	Des Moines	x	x					70	Iowa Corn
8	4R Plus team meeting	4/1/2019	Des Moines	x	x	x				35	25 partners
9	AAI Showcase and Conference	2/1/2019	Des Moines	x	x	x				50	AAI, CTIC
10	Presentation to Des Moines business leaders	2/1/2019	Des Moines	x	x	x				40	TNC
11	4R Plus field day	7/1/2018	Boone	x	x	x				100	ISA, ISU

The Nature Conservancy

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 3 - LAND

Was your organization involved in the construction of any of the following structural practices?
Bioreactors, saturated buffers, or water quality treatment wetlands (i.e. CREP-style wetlands)

	Please indicate each constructed practice (highlight the cell and use the dropdown arrow)	**Approximate location of practice** (the HUC12 watershed code is preferred, but HUC8 or county will also work)	**Year installed** (calendar year)	**Was state or federal cost-share funding used to install this practice?** This item is very important, as we are hoping to understand the extent of practices installed *without* cost-share funding	**If cost-share was NOT used for this practice:** **How many acres are treated by this practice?**	**Were any other organizations actively involved in the construction of this practice?** (This item will help us check for double-reporting)
1	Water quality treatment wetland	Eagle Creek: 071000050605	2019	Federal		Fishers and Farmers Partnership, Iowa Soybean Association
2	Water quality treatment wetland	Otter Creek: 071000050303	2019	Federal		Fishers and Farmers Partnership
3	Water quality treatment wetland	Otter Creek: 071000050303	2019	Federal		Fishers and Farmers Partnership
4	Water quality treatment wetland	Otter Creek: 071000050303	2019	Federal		Fishers and Farmers Partnership
5	Water quality treatment wetland	Pratt Creek 070802051101	2018	No	140	No
6	Water quality treatment wetland	Dry Run Creek 070802050701	2018	No	20	No
7	Water quality treatment wetland	Beaver Creek 070802050304	2018	No	300	Black Hawk CC
8	Water quality treatment wetland	070802010603	2018	Yes IDALS		IDALS SWCD
9	Water quality treatment wetland	070802051507	2018	No	150	DNR
10	Water quality treatment wetland	Silver Creek 070802051507	2018	No	50	DNR
11	Water quality treatment wetland	Pratt Creek 70802051101	2018	No	140	No

Trees Forever

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 1 - INPUTS (Funding Sources)

Staff resources for implementing the NRS and/or water quality improvement	
	FTEs
Infrastructure staff (e.g. administrative support)	0.5
Research Staff	
On-the-ground implementation staff	1
Other	

Funding sources appropriated by or for your organization, related to soil conservation, water quality, or Nutrient Reduction Strategy efforts								
	Program Name or Description	**Funding Amount for your organization** ($/year)	**Total Project Funding** ($/year)	**Primary Funding Source**	**How would you classify this funding?** (Please use one of the classifications shownbelow)	**How many years will this funding be predictably available in the future?** (Excluding this reporting period)	**How many years has this funding been available so far?** (Excluding this reporting period)	**Primary Product of Funding** (Please use one of the options shown below)
1	Trees Forever Working Watersheds Buffers & Beyond	$ 80,000	$ 80,000	Private Grant & Membership Dues	Grant-based funding	2	22	On the ground implementation and education
2	Iowa Pollinator Program	$ 20,000	$ 20,000	Private Grant & Membership Dues	Grant-based funding	1	7	On the ground implementation and education

Trees Forever

NRS REPORTING June 1, 2018 to May 31, 2019 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

Education and outreach events that your organization hosted between June 1, 2018, and May 31, 2019.											
				Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event)							
	Type of Event	**Date (mm/dd/yyyy)**	**Location (Town and/or County)**	*Water Quality*	*Soil Health*	*Practices recommended by the NRS*	*Conservation Funding Opportunities*	*Other*	**Attendance**	**Partner Organizations**
1	Gossman Field Day	8/25/2019	Zwingle IA	Water Quality					28	IA DNR
2	Nuts for Water Quality Field Tour	9/22/2019	Denver IA	Water Quality, conservation funding opportunities					29	IA Nut Growers Association