

2016-2017 Annual Progress Report of the Iowa Nutrient Reduction Strategy

Part Two

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 2017 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**
- Natural Resources Conservation Service**
- United States Environmental Protection Agency**
- United States Geological Survey**
- University of Iowa College of Engineering**

Watershed Planning Advisory Committee Members:

- Agriculture's Clean Water Alliance**
- Conservation Districts of Iowa**
- Iowa Corn Growers Association**
- Iowa Drainage District Association**
- Iowa Farm Bureau Federation**
- Iowa Pork Producers Association**
- Iowa Soybean Association**
- Iowa Water Environment 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 Two of the 2017 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.

Natural Resource Conservation Service

The USDA-NRCS in Iowa delivers technical and financial assistance, along with soils and related information, to farmers and landowners in all 100 soil and water conservation districts (SWCDs) in Iowa. Through the Conservation Technical Assistance (CTA) Program, NRCS helps clients plan conservation systems, some of which are installed with assistance through NRCS programs, State programs or other funding sources. The Environmental Quality Incentives Program (EQIP) provides financial assistance for the installation of conservation practices. The Conservation Stewardship Program (CSP) rewards existing conservation work and provides incentives for further conservation improvements. The Agricultural Conservation Easement Program (ACEP) is used to purchase and restore wetland conservation easements, as well as to help local governments and land trusts preserve farmland and grazing lands. The Regional Conservation Partnership Program (RCPP) leverages NRCS conservation programs with those of partners to address high priority conservation issues and landscapes.

Conservation Compliance encourages the protection of highly-erodible lands and wetlands. NRCS provides technical assistance to the USDA Farm Services Agency (FSA) for Conservation Compliance. NRCS also provides technical assistance for the Conservation Reserve Program (CRP) which temporarily converts qualified cropland to conserving uses.

The NRCS develops and maintains conservation practice standards and other technical references that underpin both its and partner conservation programs. NRCS also provides technical, training and quality assurance support to both its own and partner employees.

NRCS provides office space, vehicles, computers and technical support to SWCD and other partner employees that operate from its field offices. It also leverages funds through agreements with partner organizations that address high-priority conservation needs.

All of these activities address water quality in Iowa by helping to reduce sediment and nutrients being delivered to surface and subsurface water sources.

United States Environmental Protection Agency

The IDNR is authorized to implement Clean Water Act programs via a delegation agreement. Clean Water Act programs are designed to restore and maintain the integrity of the nation's waters for pollutants including nutrients. EPA provides categorical grants to support state implementation of the Clean Water Act. EPA also provides science and technology transfer to states and others on a variety of issues, including nutrient impacts on water quality.

United States Geological Survey

For the reporting period, the USGS conducted many activities in Iowa that could be useful in the NRS. The USGS operated 18 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.

Two of the sites collecting turbidity data are to begin a surrogate study for computing total phosphorous. The USGS collected discrete nutrient samples at 45 sites in Iowa during the reporting period. In addition to the water-quality data, the USGS monitored real-time continuous streamflow at 172 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. A USGS scientist in Iowa published a report with EPA titled "The Effect of Restored and Native Oxbows on Hydraulic Loads of Nutrients and Stream Water Quality" for the Lyons Creek and Prairie Creek watersheds. An alluvial aquifer study started during the reporting period collects nutrient samples along with many other constituents from approximately 60 wells in Iowa in 2017. The aquifer study is part of the USGS National Water Quality Program (NWQP). Also part of the USGS NWQP, routine discrete samples for nutrients, pesticides, and other constituents at five locations in Iowa. The USGS began studying nitrapyrin in streams in Iowa during the reporting period. Samples were collected at 11 sites in Iowa. An article in the journal *Environmental Science and Technology Letters* titled "Nitrapyrin in Streams: The First Study Documenting Off-Field Transport of a Nitrogen Stabilizer Compound" was published to provide a baseline of the occurrence of nitrapyrin in streams.

University of Iowa College of Engineering

IIHR—Hydroscience & Engineering at the University of Iowa has partnered on numerous projects across the state with watershed management authorities, agencies, and local watershed stakeholders working toward the goals identified by the Iowa Nutrient Reduction Strategy. Following sound scientific practices and using data collected from our dense network of water quality sensors deployed across the state, our team's research aims to analyze baseline water quality conditions in Iowa and measure improvements made through best management practice implementation. Examples of this work include the continued monitoring of the Slough Creek wetland in NE Iowa and WQI projects at West Fork Crooked Creek (Washington), Miller Creek (Waterloo), Mill Creek (Cherokee), Boone River (Goldfield), and East Nishnabotna (Brayton). We also continue to monitor a paired watershed study in the Rapid Creek watershed (Johnson County). Sensors deployed at ~40 other sites monitor nitrate and other parameters. Water quality data is immediately made available for public use at the WQIS website (<http://iwqis.iowawis.org/app/>). Two sites are being continuously monitored for phosphorous in 2017: English R. at Kalona, and the South Fork of the Iowa River at New Providence. Partners in our monitoring include Grinnell College (assessment of pond performance for nitrate reduction), Coe College (Lime Creek), NRCS-ARS (Neal Smith Wildlife Area, headwaters of Iowa R., and Walnut Creek near Ames), and IDNR (Big Spring and Manchester fish hatcheries). We will instrument a saturated buffer with a nitrate sensor this coming fall (Adair County). We continue to partner with the City of Cedar Rapids on two projects: real-time nitrate and phosphorous monitoring of the WWTP effluent, and real-time storm sewer monitoring at McCloud Creek.

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.

- Elk Run Water Quality Initiative

ACWA is the lead partner of a state funded demonstration project working to ramp up implementation of conservation practices that improve and protect water quality. The project also receives support from 16 other partners.

- Water Monitoring

ACWA monitors more than 75 stream sites, as well as supports field scale monitoring at more than 150 locations. Monitoring data helps characterize water conditions upstream further enabling members and partners to focus efforts on long-term work with farmer customers and groups in subwatersheds. Edge of field water monitoring shows some promising results for water quality practices. Fields with cover crops planted in the fall of 2015 showed nitrate-nitrogen levels 29 percent lower than fields without cover crops.

- Research Initiatives

ACWA supports research on nitrogen reduction practices. ACWA began monitoring a multi-outlet saturated buffer installed in the summer of 2016. Data from this project will inform improvements in practice design and expected water quality results.

Conservation Districts of Iowa

After the degradation of the Dust Bowl the country came together to protect our soil resources by creating Districts across the nation focused on soil conservation. In the 1970s, the mission of these Districts was expanded to include water quality because of the growing understanding of that resource's dependence on soil conservation. Iowa has 100 of these Soil and Water Conservation Districts, and Conservation Districts of Iowa (CDI) supports the Districts through public education, commissioner development, policy, on-the-ground conservation, conservation practice promotion, events and more.

The Districts help to support the INRS by receiving and distributing state and federal conservation funds, and employing staff including many watershed coordinators.

During the reporting period, CDI employed eight field staff across Iowa dedicated to putting in perennial habitat for wildlife and wetland easements. These staff, whose positions are made possible through collaborations with the NRCS and Iowa DNR, work with farmers and landowners to implement the goals of the INRS. CDI also distributes, with our partners in ISU Extension and Outreach and Iowa Corn, over 780 retainN kits. retainN is a fast, confidential and easy-to-use kit that allows farmers to test the nitrogen content in their tile lines. By testing tile lines, farmers are able to see their contribution to water quality and implement conservation practices to improve it. CDI also created a cover crop plot, signage and booth at the 2016 Farm Progress Show, August 30 through September 1, 2016. Ten Cover Crop Champion farmers worked at the plot and booth, and reported speaking with 622 farmers about cover crops. The cover crop plot was a major attraction at the show drawing a constant stream of farmers, elected officials and media.

CDI held the CDI Annual Conference in August, New Commissioner Trainings in February, and Spring Regionals in March -- all of which serve as training opportunities for new and experienced Soil and Water Conservation District Commissioners to learn about the INRS. During this reporting period, CDI also served as the chair of the Watershed Planning Advisory Council.

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. We utilize state corn checkoff funds for water quality research and education efforts and 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, and the Soil Health Partnership. We contribute both direct financial and in-kind resources to these relatively new efforts and are proud of the progress these partnerships have made in just a few years.

Iowa Drainage District Association

The Iowa Drainage District Association regularly discusses the INRS at our Board of Director's meetings. We also have discussions of the strategy at our annual conference and have had Matt Lechtenberg [of Iowa Department of Agriculture and Land Stewardship] on our agenda in previous years to talk about it.

Iowa Farm Bureau Federation

Farm Bureau actively supported \$20.2 million in funding approved by the legislature in 2017 for the Water Quality Initiative, Soil Conservation Cost-Share and the Ag Drainage Well Closure Program. There were at least 31 county Farm Bureaus that organized or cooperated with 46 field days, meetings or other events in support of the INRS's information, education and outreach activities. There were at least 3,135 persons attending these events. The IFBF SHARE Fund provided \$111,341 for 18 new local soil and water conservation projects (a record number) sponsored by 23 county Farm Bureaus. The IFBF SHARE Fund supports specific watershed projects, adoption of soil and water conservation practices, and education and outreach related to implementation of the INRS.

Ten county Farm Bureaus implemented \$63,335 in IFBF SHARE Fund grants in six local soil and water conservation projects.

The IFBF or county Farm Bureaus were active partners in six WQI priority watershed projects.

The IFBF hosted 20 Illinois Farm Bureau leaders and staff who met with state and local officials to assess INRS implementation. The ILFB is also now considering adopting some of the same programs.

INRS conservation themed promotions, sponsorships and media included: Ag Week radio spots; Farm Bureau Park during the state fair; Iowa Hawkeye ANF game; 2017 FFA Leadership Conference; ISU Farm Strong Big 12 Conference Tournament; Five Iowa Minute TV news features; co-sponsoring the Conservation Farmer of the Year Award; 105 conservation articles in The Spokesman; 12 monthly INRS newsletters to 162 county and state leaders and staff; 32 posts, 26 editorials and 50 letters submitted to media by F.A.R.M. (Farmer Advocates Reaching Mainstreet) Team members; 666 social media posts (+2.6 million reach); and seven Conservation Q & A videos.

Four hundred-forty members attended conservation training at the IFBF annual meeting and Young Farmer Conference.

Iowa Pork Producers Association

The Iowa Pork Producers Association continues to support efforts aligned with voluntary implementation of the Iowa Nutrient Reduction Strategy. IPPA continues to provide significant operational funding for the Iowa Agriculture Water Alliance and Iowa Nutrient Research and Education Council who leverage these funds for additional support and outreach efforts. IPPA continues to fund valuable research at Iowa State University investigating benefits, opportunities and potential barriers to implement cover crops in manure based cropping systems. Additionally, IPPA continues to offer field day sponsor support to water quality initiative and other projects related to the NRS and has allocated funds, in coordination with IDALS, to offer additional cost share for installation of bioreactors and saturated buffers on pork producer's farms. These funds are budgeted and projects underway to be completed by this fall. Finally, IPPA continues to support seminars, messaging and publication stories highlighting positive steps of Iowa pork producers through the

Iowa Pork Congress, Iowa Pork Producer magazine, general press releases, farmer newsletters and other outreach.

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, 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 2017 INRS reporting period include:

- 30 projects addressing soil conservation, water quality, and other nutrient reduction strategy efforts
- \$2,638,733 in dedicated funding towards soil conservation, water quality, and nutrient reduction
- 4,121 water samples collected and analyzed
- 149 media pieces showcasing nutrient reduction strategy efforts
- Numerous fields days, tours, watershed events, and conferences

Iowa Water Environment Association

At IAWEA's annual conference in June at Ottumwa we had eight technical presentations related to nutrient reduction design and plant operation. There was an average of 26 members at each session. In addition, the Nutrient Reduction Strategy was discussed at each of the regional IAWEA meetings.

Iowa Agriculture Water Alliance

To help achieve the Iowa NRS, the Iowa Agriculture Water Alliance (IAWA) has continued to create public-private partnerships and foster urban-rural collaborations to improve water quality across the state. This collaboration can be seen in the Conservation Infrastructure initiative and Midwest Agricultural Water Quality Partnership RCPP projects that IAWA is co-leading with IDALS. The Conservation Infrastructure initiative involves over 60 participants helping to identify barriers and solutions to implement conservation practices, including harnessing economic drivers and market-based solutions to improving water quality, while generating greater engagement from the private sector in implementing the NRS. The RCPP project involves nearly 50 partner organizations leveraging federal funding to drive private sector delivery

of conservation practices through 19 agribusinesses and 26 non-governmental associations and public sector partners. Our National Fish and Wildlife Foundation (NFWF) project integrates public and private sector business and conservation planning efforts. In other outreach efforts, IAWA has helped bring leaders from the urban, rural, agriculture, conservation, public and private sectors together to further collaboration through our diverse and active Advisory and Business Councils and the Iowa Delegation to the annual One Water Summit. Throughout the year, IAWA has worked within multiple priority watersheds at the local level to help partners more effectively engage farmers to implement conservation practices while raising awareness and interest in conservation efforts with leaders local communities.

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. Our strategies involve practices on fields, at the edge of field, and downstream in the watershed. 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) where the Conservancy is playing a leadership role with CF Industries, Conservation Districts of Iowa, and twenty other organizations to implement a statewide 4R Plus campaign to educate and provide materials to ag advisors that they can pass on to the producers; 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. The Conservancy is also a member of the Midwest Row Crop Collaborative and the farmer-led Soil Health Partnership, providing technical support towards accelerating environmentally friendly agricultural practices in the upper Midwest including Iowa. In Iowa, the Soil Health Partnership currently has 28 private farms testing and measuring management practices that improve soil health and benefit farmers' operations.

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, 2016 to May 31, 2017 ELEMENT 1 - INPUTS (Funding Sources)

| Staff resources for implementing the NRS and/or water quality improvement | |
|---|--------|
| | FTEs |
| Infrastructure staff (e.g. administrative support) | 114.65 |
| Research Staff | |
| On-the-ground implementation staff | 60.7 |
| 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) | \$ 1,920,000 | | State Agency | Annual Appropriations | Dependent on annual appropriations for the Iowa Legislature | 19 | Infrastructure, implementation |
| 2 | Conservation Reserve Enhancement Program (CREP) | \$ 1,000,000 | | State Agency | Annual Appropriations | Dependent on annual appropriations for the Iowa Legislature | 15 | Infrastructure, implementation, monitoring |
| 3 | Groundwater Protection Fund | \$ 600,000 | | State Agency | Sustained Funding | Indefinite* | 26 | Infrastructure, monitoring, research |
| 4 | Integrated Farm and Livestock Management Fund (IFLM) | \$ 625,000 | | State Agency | Annual Appropriations | Dependent on annual appropriations for the Iowa Legislature | 17 | Infrastructure, research, outreach |
| 5 | District Initiatives/Iowa Buffer Initiative | \$ 1,000,000 | | State Agency | Annual Appropriations | Dependent on annual appropriations for the Iowa Legislature | 18 | Infrastructure, implementation |
| 6 | Iowa Financial Incentives Program (IFIP) | \$ 6,750,000 | | State Agency | Annual Appropriations | Dependent on annual appropriations for the Iowa Legislature | 44 | Infrastructure, implementation, research |
| 7 | Iowa State Revolving Fund (SRF)* | \$ 39,800,000 | | State Agency - jointly with IFA and DNR | Annual Appropriations | Dependent on annual appropriations for the Iowa Legislature | 13 | implementation |

| | | | | | | | | |
|--|--|--------------|--|--------------|-----------------------|---|----|--|
| 8 | Resource Enhancement and Protection Program (REAP) | \$ 3,200,000 | | State Agency | Annual Appropriations | Dependent on annual appropriations for the Iowa Legislature | 29 | Infrastructure, implementation |
| 9 | Soil and Water Conservation Administration | \$ 2,800,000 | | State Agency | Annual Appropriations | Dependent on annual appropriations for the Iowa Legislature | 6 | Infrastructure |
| 10 | Water Quality Initiative (WQI) | \$ 9,520,201 | | State Agency | Annual Appropriations | Dependent on annual appropriations for the Iowa Legislature | 4 | Infrastructure, implementation, monitoring, outreach |
| 11 | Watershed Protection Fund (WSPF) | \$ 900,000 | | State Agency | Annual Appropriations | Dependent on annual appropriations for the Iowa Legislature | 19 | Infrastructure, implementation, monitoring, outreach |
| *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 | | | | | | | | |

Iowa Department of Agriculture & Land Stewardship

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

| Number of media pieces, created by your organization, that pertain to each topic and are released through each outlet. | | | | | | |
|--|--|--|-------|------------|-------|-------|
| | | Outlet | | | | |
| | | Online (Newsletter, Blog Post, etc.) | Print | Television | Radio | Other |
| Topic | Water Quality | 33 | 23 | 3 | 6 | 7 |
| | Soil Health | | | | | |
| | Practices recommended by NRS | | | | | |
| | Conservation Funding Opportunities | | | | | |
| | Other | | | | | |

| Education and outreach events that your organization hosted between June 1, 2015, and May 31, 2016. | | | | | | | | | | |
|---|---------------|----------------------|--|--|-------------|--|---------------------------------------|-------|----------------|---|
| | Type of Event | Date (mm/dd/yyyy) | Location (Town and/or County) | Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event) | | | | | Attendance | Partner Organizations |
| | | | | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | Other | | |
| 1 | Field Day | 6/8/2016 | Benton County | X | | | | | | N/A |
| 2 | Field Day | 6/8/2016 | Benton County | | | X | | | 40 | ISA, Tall Grasse Prairie Center, Farm Bureau |
| 3 | Field Day | 6/28/2016 | La Porte City | | X | | | | | N/A |
| 4 | Field Day | 5/2/2017 | Tama County | X | X | | | | 230 | |
| 5 | Field Day | 5/11/2017 | Benton County | X | X | | | | 50 | |
| 6 | Field Day | 6/12/2016 | Sioux County | | X | | | | 1750(attended) | ISU Extension, Western Iowa Dairy Association |
| 7 | Field Day | Sep-16 | Audubon County | X | | X | | | 45 | Brinkman Ag Solutions |

| | | | | | | | | | | |
|----|-----------|-----------|--------------------|---|---|---|---|---|-----|---|
| 8 | Other | May-16 | Audubon County | X | X | | X | | 150 | N/A |
| 9 | Other | 7/21/2016 | Buena Vista County | | | X | | | | Soil Health Partnership |
| 10 | Workshop | 8/12/2016 | Story County | X | | | X | | | Key Cooperative |
| 11 | Workshop | 9/26/2016 | Story County | X | | | X | | | IDALS/IDNR |
| 12 | Field Day | 7/23/2016 | Story County | | X | | | X | | N/A |
| 14 | Workshop | 9/1/2016 | Kelley | X | | | | | | N/A |
| 15 | Workshop | 9/7/2016 | Zearing | X | | | | | | N/A |
| 16 | Workshop | 9/9/2016 | Gilbert | X | | | | | | N/A |
| 17 | Workshop | 9/16/2016 | Story City | X | | | | | | N/A |
| 19 | Workshop | 5/12/2016 | Story County | X | | | | | | N/A |
| 20 | Field Day | 6/8/2016 | Humboldt County | X | | | | | | TNC |
| 21 | Field Day | 6/23/2016 | Wright County | X | | | | | | N/A |
| 22 | Field Day | 9/8/2016 | Wright County | X | | | | | 30 | |
| 23 | Workshop | 8/10/2016 | Waukon | X | | | | | | N/A |
| 24 | Other | 7/12/2016 | Winneshiek County | X | X | X | | | | N/A |
| 25 | Other | 8/10/2016 | Clayton County | | | | | X | 40 | Fisheries Biologist- Gary Siegwarth, NRCS Agronomist- Niel Sass, Beepkeeper- Bob Fassbinder |
| 26 | Other | 8/2/2016 | Clayton County | | | X | | | | |
| 27 | Field Day | 6/28/2016 | La Porte City | | X | | | | 42 | Iowa Corn Growers Association |
| 28 | Field Day | 6/3/2016 | Black Hawk County | | | X | | | 31 | N/A |
| 29 | Field Day | 9/15/2016 | Black Hawk County | X | | | | | 7 | ISA, USDA-ARS |

| | | | | | | | | | | |
|----|-----------|-----------|-------------------|---|---|---|--|---|-----|---|
| 30 | Workshop | 7/29/2016 | Black Hawk County | X | | | | | 200 | |
| 31 | Other | 6/29/2016 | Washington County | | X | X | | | 100 | N/A |
| 32 | Workshop | 7/18/2016 | Washington County | | | | | | | |
| 33 | Workshop | 8/2/2016 | Washington County | X | X | X | | | | |
| 34 | Workshop | 9/7/2016 | Washington County | | X | X | | X | 65 | Iowa Learning Farms, Vision Ag of Keota |
| 35 | Field Day | 7/15/2016 | Henry County | X | | X | | | 175 | IDALS-DSC, Clean Water Iowa, Iowa Farm Bureau, NRCS, Henry/Jefferson/Lee/Van Buren SWCD |
| 36 | Field Day | 9/24/2016 | Henry County | | X | X | | | 32 | NRCS, Iowa Farm Bureau, Henry/Jefferson/Lee/Van Buren SWCD |
| 37 | Field Day | 8/3/2016 | Salem | | | X | | | 155 | Iowa Corn, FB, Chem-Gro, ISU Ext |
| 38 | Other | 7/14/2016 | Henry County | X | | | | X | | |
| 39 | Workshop | 7/14/2016 | Montgomery County | X | X | | | | | N/A |
| 40 | Field Day | 8/24/2016 | Montgomery County | X | | | | | | |
| 41 | Field Day | 6/1/2016 | Carroll County | X | X | X | | | 20 | |
| 42 | Field Day | 6/24/2016 | Carroll County | X | X | X | | | 25 | |
| 43 | Field Day | 9/15/2016 | Lake View | | | X | | | 25 | |
| 44 | Field Day | 6/15/2016 | Taylor County | X | | | | | 10 | |
| 45 | Other | 7/14/2016 | Taylor County | X | | | | | 5 | |

| | | | | | | | | | | | |
|----|-----------|------------|-------------------|---|--|--|--|--|--|----|---|
| 46 | Field Day | 9/15/2016 | Taylor County | X | | | | | | 41 | |
| 47 | Other | 12/9/2016 | Plymouth County | | | | | | | 7 | |
| 48 | Other | 11/8/2016 | Tama County | | | | | | | | |
| 49 | Workshop | 11/8/2016 | Taylor County | | | | | | | 7 | Taylor Co SWCD, AgSolver |
| 50 | Workshop | 12/15/2016 | Taylor County | | | | | | | 15 | Taylor Co SWCD, AgSolver |
| 51 | Other | 11/30/2016 | Washington County | | | | | | | 9 | Washington SWCD, USDA-NRCS |
| 52 | Other | 11/16/2016 | Iowa County | | | | | | | 12 | Central College |
| 53 | Field day | 11/10/2016 | Sac County | | | | | | | 35 | IDALS, McKnight Foundation , Iowa Learning Farms, ISU Extension |
| 54 | Workshop | 11/15/2016 | Madison County | | | | | | | 38 | IDALS, National Fish and Wildlife Foundation, |
| 55 | Other | 12/6/2016 | Story County | | | | | | | 24 | IDALS |
| 56 | Other | 12/29/2016 | Taylor County | | | | | | | 3 | Taylor Co SWCD, AgSolver & SWCD for in field scenario demos |
| 57 | Other | 10/26/2016 | Taylor County | | | | | | | 3 | Taylor Co SWCD, AgSolver & SWCD for in field scenario demos |
| 58 | Field day | 10/31/2016 | Black Hawk County | | | | | | | 10 | Hawkeye Community College |
| 59 | Other | 10/19/2016 | Black Hawk County | | | | | | | 50 | Hawkeye Community College |
| 60 | Workshop | 11/7/2016 | Black Hawk County | | | | | | | 30 | Hawkeye Community College |

| | | | | | | | | | | |
|----|-----------|-----------|--------------------|--|--|--|--|--|--|--|
| 61 | Field day | 2/2/2017 | Lee County | | | | | | | Iowa Farm Bureau & Pilot Grove Savings Bank, ChemGro, HSWCD, JSWCD, VSWCD, LSWCD, Iowa Corn Growers Assoc., Pig Out, Iowa State University Ext., Clean Water Iowa, Iowa Farm Bureau, Iowa Soybean Assoc., IDALS, Iowa Learning Farms, CDI, Green Valley Seed, Pathfinders, Farm Credit Services of America, Staats, Pilot Grove Savings Bank, T.H.E. Company, Becks, J.J. Nichting Co. |
| 62 | Other | 2/23/2017 | Kossuth County | | | | | | | Iowa Corn, The Nature Conservancy |
| 63 | Workshop | 2/22/2017 | Pocahontas County | | | | | | | NRCS, ADS Drainage, Iowa One Call |
| 64 | Workshop | 3/10/2017 | Buena Vista County | | | | | | | Soil Health Partnership and Iowa Learning Farms |
| 65 | Workshop | 3/14/2017 | Washington County | | | | | | | West Fork Crooked Creek, Washington SWCD |

| | | | | | | | | | | | |
|----|-----------|-----------|-------------------|--|--|--|--|--|--|----|--|
| 66 | Other | 1/25/2017 | Taylor County | | | | | | | 5 | AgSolver, SWCD, NRCS |
| 67 | Workshop | 2/14/2017 | Taylor County | | | | | | | 25 | meal--WFAN, WFAN, AgSolver, NRCS |
| 68 | Other | 3/10/2017 | Taylor County | | | | | | | 1 | NRCS, SWCD, AgSolver |
| 69 | Other | 3/14/2017 | Taylor County | | | | | | | 3 | NRCS, SWCD, AgSolver |
| 70 | Workshop | 1/27/2017 | Carroll County | | | | | | | 35 | Iowa Soybean, Carroll county Cattlemen's Association, Iowa Soybean, Agsolver, IAWA |
| 71 | Workshop | 2/15/2017 | Wapello County | | | | | | | 32 | CPS, Iowa Corn |
| 72 | Other | 1/12/2017 | Polk County | | | | | | | 6 | Shive-Hattery, ISU, AAI, SWCS |
| 73 | Field day | 2/7/2017 | Hardin County | | | | | | | 6 | Shive-Hattery, SWCS |
| 74 | Other | 2/23/2017 | Polk County | | | | | | | 4 | SWCS, ISU |
| 75 | Other | 4/12/2017 | Polk County | | | | | | | 8 | SWCS, ISU, AAI, Bolton and Menk |
| 76 | Workshop | 1/23/2017 | Black Hawk County | | | | | | | 40 | Iowa Soybean Association |
| 77 | Workshop | 3/7/2017 | Black Hawk County | | | | | | | 18 | |
| 78 | Workshop | 1/21/2017 | Story County | | | | | | | 76 | PFI conference sponsors |
| 79 | Workshop | 1/21/2017 | Story County | | | | | | | 85 | PFI conference sponsors |
| 80 | Workshop | 1/21/2017 | Story County | | | | | | | 85 | PFI conference sponsors |
| 81 | Workshop | 1/21/2017 | Story County | | | | | | | 45 | PFI conference sponsors |
| 82 | Other | 3/7/2017 | Story County | | | | | | | 81 | IDALS |
| 83 | Field day | 3/28/2017 | Marshall County | | | | | | | 29 | NRCS , Wallace Winrock |

| | | | | | | | | | | | |
|----|-----------|-----------|------------------|--|--|--|--|--|--|----|---------------------------|
| 84 | Field day | 3/30/2017 | Polk County | | | | | | | 39 | NRCS , Wallace Winrock |
| 85 | Other | 1/12/2017 | Polk County | | | | | | | 6 | ISU, AAI, SWCS |
| 86 | Field day | 2/7/2017 | Hardin County | | | | | | | 6 | Shive-Hattery, SWCS |
| 87 | Other | 2/23/2017 | Polk County | | | | | | | 6 | SWCS, ISU, AAI |

Iowa Department of Natural Resources

NRS REPORTING June 1, 2016 to May 31, 2017 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 2, NPDES 2.5, Coordination 0.5 |
| Research Staff | WQ Mon 3 |
| On-the-ground implementation staff | Coordinators; 1.5 FTEs for IDALS Basin Coordinators; 15.2 |
| 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 shown below) | 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 | 319 | \$3.46 million | | Federal Grant | Grant-based funding | Not predicable | 20 years + | On the ground implementation (primary), admin and water monitoring included |
| 2 | Lake Restoration Program | | Spent FY16 on watershed BMPs | | | | | |
| 2 | | \$9.6 million (overall) | \$990,985 | State Appropriation | Annual Appropriation | Not predicable | 10 years | On the ground implementation (primary), a portion of practices relate have nutrient reduction potential |
| 3 | DNR Land Management | (see separate report) | - | - | - | - | - | |

| | | | | | | | | |
|---|------------------|---------------------------|-----------------------------------|---------------------|-----------------------------|----------------|------------|---|
| 4 | WQ Monitoring | \$2.995 million (overall) | \$203,520 (specific to nutrients) | State Appropriation | Annual Appropriation | Not predicable | 17 years | Water monitoring, a portion of which is for nutrients |
| 5 | NPDES | \$250,000 | - | Multiple | Sustained/Long term Funding | NA | 20 years + | NRS Infrastructure - PS permit implementation (2.5 FTEs estimate) |
| 6 | NRS Coordination | \$50,000 | - | Multiple | Sustained/Long term Funding | NA | NA | NRS Infrastructure - NRS Coordination |
| 7 | SRF | (see separate report) | | | | | | |

Iowa Department of Natural Resources

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

| Education and outreach events that your organization hosted between June 1, 2015, and May 31, 2016. | | | | | | | | | | |
|---|--|----------------------|----------------------------------|---|----------------|--|--|-------|------------|--------------------------|
| | Type of Event | Date (mm/dd/yyyy) | Location (Town and/or County) | Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event) | | | | | Attendance | Partner Organizations |
| | | | | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | Other | | |
| 1 | NRS Related Presentations by DNR (PS, water monitoring, ag BMP mapping, updates, etc.) | ~15 | | x | | | | x | 500+ total | DNR |
| 2 | 319 Field Days and Tours | | | | | | | | | IDALS & DNR |
| 3 | Badger Creek Lake | 2016 | | x | | | | | ? | |
| 4 | Big Creek Lake | 2016 | | x | | | | | ? | |
| 5 | Black Hawk Lake | 2016 | | x | | | | | ? | |
| 6 | Clear Lake | 2016 | | x | | | | | ? | |
| 7 | Dry Run Creek | 2016 | | x | | | | | ? | |
| 8 | Easter Lake | 2016 | | x | | | | | ? | |
| 9 | Iowa Great Lakes | 2016 | | x | | | | | ? | |
| 10 | Lake Geode | 2016 | | x | | | | | ? | |
| 11 | Price Creek | 2016 | | x | | | | | ? | |
| 12 | Rathbun Lake | 2016 | | x | | | | | ? | |
| 13 | Silver Creek (Clayton County) | 2016 | | x | | | | | ? | |
| 14 | Silver Creek (Howard County) | 2016 | | x | | | | | ? | |
| 15 | Tete des Morts Creek | 2016 | | x | | | | | ? | |
| 16 | Yellow River Headwaters | 2016 | | x | | | | | ? | |

Iowa Department of Natural Resources

NRS REPORTING June 1, 2016 to May 31, 2017 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 <i>without</i> 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 | Lake Restoration (Rows 2 - 13) | | | | | |
| 2 | Water quality treatment wetland | Dickinson | 2016 | Yes | | |
| 3 | Water quality treatment wetland | Sac | 2016 | Yes | | |
| 4 | Sediment control ponds | Jasper | 2016 | Yes | | |
| 5 | Sediment control ponds | Monroe | 2016 | Yes | | |
| 6 | Sediment control ponds | Henry | 2016 | Yes | | 319, IDALS, SWCD, NRCS |
| 7 | Watershed BMPs | Dickinson | 2016 | Yes | | |
| 8 | Stream restoration | Story | 2016 | Yes | | |
| 9 | Sediment control ponds | Mahaska | 2016 | Yes | | IDALS |
| 10 | Stream restoration | Polk | 2016 | Yes | | |
| 11 | Water quality treatment wetland | Jones | 2016 | Yes | | IDALS, Jones County, Jones CCB |
| 12 | Sediment control ponds | Jones | 2016 | Yes | | |
| 13 | Sediment control ponds | Polk | 2016 | Yes | | |
| | | 319 (See NPS Report excerpts - table does not allow for drop for entry) | | | | |
| | SRF | (See separate report) | | | | |

Iowa Department of Natural Resources

NRS REPORTING June 1, 2016 to May 31, 2017 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 | Huc 8 (ambient Stream) | 60 (shapefile provided) | X | X | X | X | X | X | X | X | X |
| 2 | HUC 12 (ambient biological) | 67 | X | X | X | X | X | X | X | X | X |
| 3 | Huc 12 (ambient Lake) | 131 (shapefile provided) | X | X | X | | X | | | | |
| 4 | HUC 12 (ambient Wetland) | 24 | X | X | X | X | X | X | | | |
| 5 | HUC 12 (Shallow Lake program) | 36 | X | X | X | X | X | | | | |
| 6 | HUC 8 (USGS) | 8 | | X | | | | | | | 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 |
| 1 | 2000 | 17 | Y | N/A | Monthly |
| 2 | 1994 | 23 | Y | N/A | Monthly |
| 3 | 2000 | 17 | Y | N/A | Monthly |
| 4 | 2006 | 11 | Y | N/A | Monthly |
| 5 | 2006 | 11 | Y | N/A | Monthly |
| 6 | 2008 | 9 | Y | USGS | Real-Time |

Iowa State University College of Agriculture and Life Sciences
 NRS REPORTING June 1, 2016 to May 31, 2017 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 | 1.9 |
| On-the-ground implementation staff | |
| Other | 9.6 |

| 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 State University | \$8,160,433.00 | | Federal and state appropriations and program funds | annual appropriation and grant based funding | | | Research, research related water monitoring, extension, and outreach |

Iowa State University College of Agriculture and Life Sciences

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

| Number of media pieces, created by your organization, that pertain to each topic and are released through each outlet. | | | | | | |
|--|------------------------------------|--|-------|------------|-------|-------|
| | | Outlet | | | | |
| | | Online (Newsletter, Blog Post, etc.) | Print | Television | Radio | Other |
| <i>Topic</i> | Water Quality | 220 | 210 | 29 | 127 | |
| | Soil Health | | | | | |
| | Practices recommended by NRS | | | | | |
| | Conservation Funding Opportunities | | | | | |
| | Other | | | | | |

For all natural resources topics, excluding crops team report

| Education and outreach events that your organization hosted between June 1, 2015, and May 31, 2016. | | | | | | | | |
|---|--|---------------------------|----------------------------------|--|-------------|----------------------------------|------------|-----------------------|
| | Type of Event | Date (mm/dd/yyyy) | Location (Town and/or County) | Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event) | | | Attendance | Partner Organizations |
| | | | | Water Quality | Soil Health | Practices recommended by the NRS | | |
| 1 | Ag Education Day | 6/21/2016 in Marshalltown | | community water quality education event | | | 215 | |
| 2 | Breakfast on the Farm | 6/18/2016 in Calmar | | community water quality education event | | | 278 | |
| 3 | Burlington Farmers Market | 6/30/2016 in Burlington | | community water quality education event | | | 150 | |
| 4 | Butler County Fair | 6/25/2016 in Allison | | community water quality education event | | | 117 | |
| 5 | Cedar Rapids Farmers Market | 6/24/2016 in Cedar Rapids | | community water quality education event | | | 26 | |
| 6 | Charles City in the Park | 7/15/2016 in Charles City | | community water quality education event | | | 141 | |
| 7 | Conservation Station at Black Hawk County Fair | 7/29/2016 in Waterloo | | community water quality education event | | | 206 | |
| 8 | Conservation Station at Bremer County Fair | 7/27/2016 in Waverly | | community water quality education event | | | 28 | |

| | | | | | |
|----|--|-----------------------------|--|---|-----|
| 9 | Conservation Station at Buena Vista County Fair | 7/22/2016 in Alta | | community water quality education event | 64 |
| 10 | Conservation Station at Calhoun County Fair | 7/10/2016 in Rockwell City | | community water quality education event | 71 |
| 11 | Conservation Station at Clayton County Fair | 8/5/2016 in Garnavillo | | community water quality education event | 109 |
| 12 | Conservation Station at Clinton County Fair | 7/8/2016 in Dewitt | | community water quality education event | 55 |
| 13 | Conservation Station at Dickinson County Fair | 7/17/2016 in Spirit Lake | | community water quality education event | 67 |
| 14 | Conservation Station at Dubuque Sustainability Fair | 7/30/2016 in Dubuque | | community water quality education event | 102 |
| 15 | Conservation Station at East Pottawattamie County Fair | 7/23/2016 in Avoca | | community water quality education event | 101 |
| 16 | Conservation Station at Grundy County Fair | 7/20/2016 in Grundy Center | | community water quality education event | 107 |
| 17 | Conservation Station at Hancock County Fair | 7/28/2016 in Britt | | community water quality education event | 137 |
| 18 | Conservation Station at Hardin County Fair | 7/7/2016 in Eldora | | community water quality education event | 65 |
| 19 | Conservation Station at Henry County Fair | 7/16/2016 in Mount Pleasant | | community water quality education event | 153 |
| 20 | Conservation Station at Johnson County Fair | 7/26/2016 in Iowa City | | community water quality education event | 174 |
| 21 | Conservation Station at Kossuth County Fair | 8/3/2016 in Algona | | community water quality education event | 139 |
| 22 | Conservation Station at Lyon County Fair | 7/19/2016 in Rock Rapids | | community water quality education event | 110 |
| 23 | Conservation Station at Madison County Fair | 7/16/2016 in Winterset | | community water quality education event | 97 |
| 24 | Conservation Station at Montgomery County Fair | 7/14/2016 in Red Oak | | community water quality education event | 115 |
| 25 | Conservation Station at Muscatine County Fair | 7/21/2016 in West Liberty | | community water quality education event | 56 |
| 26 | Conservation Station at Pocahontas County Fair | 7/14/2016 in Pocahontas | | community water quality education event | 97 |
| 27 | Conservation Station at Ringgold County Fair | 7/8/2016 in Mount Ayr | | community water quality education event | 41 |
| 28 | Conservation Station at Story County Fair | 7/25/2016 in Nevada | | community water quality education event | 173 |
| 29 | Conservation Station at Tama County Fair | 7/23/2016 in Gladbrook | | community water quality education event | 77 |

| | | | | | | |
|----|---|--------------------------|--|---|------|--|
| 30 | Conservation Station at Union County Fair | 7/26/2016 in Afton | | community water quality education event | 75 | |
| 31 | Conservation Station at Van Buren County Fair | 7/17/2016 in Keosauqua | | community water quality education event | 108 | |
| 32 | Conservation Station at Woodbury County Fair | 8/4/2016 in Merville | | community water quality education event | 188 | |
| 33 | Eastern Iowa Airport Field Day | 9/8/2016 in Cedar Rapids | | community water quality education event | 70 | |
| 34 | Girl Scouts - Raise Your Voice | 6/25/2016 in Mt. Vernon | | youth | 24 | |
| 35 | Great Outdoors Youth Summer Camp | 7/13/2016 in Berwick | | youth | 11 | |
| 36 | Greene County Farmers Market | 6/14/2016 in Jefferson | | community water quality education event | 32 | |
| 37 | Hancock County 4-H Workshop | 6/16/2016 in Garner | | youth | 23 | |
| 38 | Iowa County Outdoor Adventure | 6/11/2016 in Ladora | | community water quality education event | 253 | |
| 39 | Iowa State Fair Day 1 | 8/11/2016 in Des Moines | | community water quality education event | 823 | |
| 40 | Iowa State Fair Day 10 | 8/20/2016 in Des Moines | | community water quality education event | 954 | |
| 41 | Iowa State Fair Day 11 | 8/21/2016 in Des Moines | | community water quality education event | 424 | |
| 42 | Iowa State Fair Day 2 | 8/12/2016 in Des Moines | | community water quality education event | 924 | |
| 43 | Iowa State Fair Day 3 | 8/13/2016 in Des Moines | | community water quality education event | 1457 | |
| 44 | Iowa State Fair Day 4 | 8/14/2016 in Des Moines | | community water quality education event | 904 | |
| 45 | Iowa State Fair Day 5 | 8/15/2016 in Des Moines | | community water quality education event | 990 | |
| 46 | Iowa State Fair Day 6 | 8/16/2016 in Des Moines | | community water quality education event | 1044 | |
| 47 | Iowa State Fair Day 7 | 8/17/2016 in Des Moines | | community water quality education event | 721 | |
| 48 | Iowa State Fair Day 8 | 8/18/2016 in Des Moines | | community water quality education event | 849 | |
| 49 | Iowa State Fair Day 9 | 8/19/2016 in Des Moines | | community water quality education event | 712 | |
| 50 | Junior 4-H Camp | 6/16/2016 in Madrid | | youth | 66 | |

| | | | | | |
|----|--|---------------------------|--|---|-----|
| 51 | Keosauqua Farmer's Market | 6/28/2016 in Keosauqua | | community water quality education event | 66 |
| 52 | Kinderfest at Amana Colonies | 7/24/2016 in Amana | | community water quality education event | 24 |
| 53 | Lucas County Extension 100-Year Anniversary | 9/17/2016 in Chariton | | community water quality education event | 36 |
| 54 | National Governor's Conference | 7/16/2016 in Des Moines | | community water quality education event | 127 |
| 55 | Osage Friday Night Out | 7/22/2016 in Osage | | community water quality education event | 133 |
| 56 | Polk County Master Gardener Program | 7/13/2016 in Des Moines | | community water quality education event | 35 |
| 57 | RAGBRAI and Water Quality | 7/29/2016 in Washington | | community water quality education event | 40 |
| 58 | Walnut Creek Watershed Festival | 10/1/2016 in Windsor | | community water quality education event | 110 |
| 59 | Wright County Ag in the Community | 9/13/2016 in Clarion | | community water quality education event | 7 |
| 60 | Cover Crop 101 Field Day | 7/14/2016 in Tama | | cover crops | 31 |
| 61 | Cover Crop Field Day | 11/10/2016 in Oskaloosa | | cover crops | 57 |
| 62 | Cover Crop Workshop | 2/28/2017 in Knoxville | | cover crops | 50 |
| 63 | Cover Crops Field Day | 11/16/2016 in Nashua | | cover crops | 33 |
| 64 | Dry Run Creek Watershed Cover Crops Field Day | 11/17/2016 in Cedar Falls | | cover crops | 32 |
| 65 | Floyd County Cover Crop Workshop | 2/22/2017 in Nashua | | cover crops | 60 |
| 66 | Grazing Cover Crops Field Day | 11/10/2016 in Lyttton | | cover crops | 19 |
| 67 | Grazing Cover Crops Field Day | 11/15/2016 in Dayton | | cover crops | 41 |
| 68 | Growmark Cover Crop Workshop | 3/7/2017 in West Des | | cover crops | 34 |
| 69 | Hardin County Cover Crop Workshop | 3/9/2017 in Eldora | | cover crops | 35 |
| 70 | Learning the Benefits of Cover Crops Field Day | 11/8/2016 in Independence | | cover crops | 19 |
| 71 | Linn County Cover Crop Workshop | 2/23/2017 in Central City | | cover crops | 23 |

| | | | | | | |
|----|--|--------------------------|--|--------------------|-----|--|
| 72 | Sioux County Cover Crop Workshop | 3/8/2017 in Sioux Center | | cover crops | 39 | |
| 73 | Union County Cover Crop Field Day | 3/29/2017 in Afton | | cover crops | 29 | |
| 74 | Cover Crop Field Day | 11/10/2016 in Oskaloosa | | cover crops | 57 | |
| 75 | Cover Crops Workshop | 2/21/2017 in Fort Dodge | | cover crops | 25 | |
| 76 | Cover Crop meeting | 2/22/2017 in Odebolt | | cover crops | 25 | |
| 77 | Successful Cover Crop Use in Beef Production | 4/11/2017 in Newell | | cover crops | 24 | |
| 78 | Successful Cover Crop Use in Beef Production | 4/11/2017 in Lake City | | cover crops | 39 | |
| 79 | 2017 Crop Advantage Series | 1/4/2017 in Sheldon | | multiple practices | 127 | |
| 80 | 2017 Crop Advantage Series | 1/5/2017 in Milford | | multiple practices | 144 | |
| 81 | 2017 Crop Advantage Series | 1/13/2017 in Mason City | | multiple practices | 99 | |
| 82 | 2017 Crop Advantage Series | 1/6/2017 in Burlington | | multiple practices | 56 | |
| 83 | 2017 Crop Advantage Series | 1/11/2017 in Ames | | multiple practices | 108 | |
| 84 | 2017 Crop Advantage Series | 1/10/2017 in Storm Lake | | multiple practices | 112 | |
| 85 | 2017 Crop Advantage Series | 1/12/2017 in Moravia | | multiple practices | 91 | |
| 86 | 2017 Crop Advantage Series | 1/17/2017 in Atlantic | | multiple practices | 85 | |
| 87 | 2017 Crop Advantage Series | 1/18/2017 in Ft. Dodge | | multiple practices | 109 | |
| 88 | 2017 Crop Advantage Series | 1/19/2017 in Waterloo | | multiple practices | 240 | |
| 89 | 2017 Crop Advantage Series | 1/24/2017 in Le Mars | | multiple practices | 147 | |
| 90 | 2017 Crop Advantage Series | 1/25/2017 in Iowa City | | multiple practices | 118 | |
| 91 | 2017 Crop Advantage Series | 1/26/2017 in Denison | | multiple practices | 89 | |
| 92 | 2016 Integrated Crop Management Conference | 11/30/2016 in Ames | | multiple practices | 915 | |

| | | | | | | |
|-----|--|-----------------------------|--|--------------------|--|-----|
| 93 | | 12/1/2016 in Ames | | multiple practices | | |
| 94 | ISU Annual Spring Field Day | 6/28/2016 in Nashua | | multiple practices | | 75 |
| 95 | Farmland Leasing & Land Value 2016 Meeting | 8/9/2016 in Charles City | | multiple practices | | 24 |
| 96 | Southeast Research and Demonstration Farm Field Day | 6/23/2016 in Crawfordsville | | multiple practices | | 39 |
| 97 | Agronomy in the Field | 6/20/2016 in Crawfordsville | | multiple practices | | 12 |
| 98 | Howard County Experimental Farm Field Day | 7/26/2016 in Cresco | | multiple practices | | 12 |
| 99 | Warren County Soil and Water District Summer Meeting | 7/25/2016 in Indianola | | multiple practices | | 41 |
| 100 | North Central Iowa Crop & Land Stewardship Clinic | 12/29/2016 in Iowa Falls | | multiple practices | | 198 |
| 101 | 2017 Crop Advantage Series | 1/27/2017 in Davenport | | multiple practices | | 153 |
| 102 | Soil Health Meeting | 2/28/2017 in Allison | | multiple practices | | 13 |
| 103 | Soil and Fertilizer Health Workshop | 2/24/2017 in Manchester | | multiple practices | | 10 |
| 104 | 2016 Integrated Crop Management Conference | 11/30/2016 in Ames | | Multiple practices | | 915 |
| 105 | Allee Farm Field Day | 8/24/2016 in Newell | | Multiple practices | | 32 |
| 106 | Bear Creek Conservation Tour | 6/27/2016 in Ames | | Multiple practices | | 18 |
| 107 | Big Creek Appreciation Day | 6/4/2016 in Polk City | | Multiple practices | | 78 |
| 108 | Bio-Reactor Installation Field Day | 4/12/2017 in Ottumwa | | Multiple practices | | 25 |
| 109 | Black Hawk Lake Watershed Field Day | 9/15/2016 in Lake View | | Multiple practices | | 32 |
| 110 | Conservation Connect meeting | 8/29/2016 in Iowa Falls | | Multiple practices | | 12 |
| 111 | Conservation Connect meeting | 8/29/2016 in Iowa Falls | | Multiple practices | | 11 |
| 112 | Conservation Districts of Iowa Annual Conference | 8/29/2016 in Altoona | | Multiple practices | | 37 |
| 113 | Conservation Partnership Day | 1/17/2017 in Des Moines | | Multiple practices | | 43 |

| | | | | | | |
|-----|--|-----------------------------|--|--------------------|-----|--|
| 114 | Field Day | 6/8/2016 in Gilmore City | | Multiple practices | 53 | |
| 115 | Field Day | 6/15/2016 in New Market | | Multiple practices | 20 | |
| 116 | Field Day | 6/16/2016 in Solon | | Multiple practices | 62 | |
| 117 | Hawkeye Power Farming Show | 3/2/2017 in Cedar Falls | | Multiple practices | 18 | |
| 118 | Introductory RUSLE2 and Iowa Phosphorus Index Workshop | 6/2/2016 in Altoona | | Multiple practices | 18 | |
| 119 | Iowa Farm Bureau Young Farmer Conference | 1/28/2017 in Des Moines | | Multiple practices | 75 | |
| 120 | Iowa Great Lakes Watershed Field Day | 8/10/2016 in Lake Park | | Multiple practices | 75 | |
| 121 | Iowa Watershed Management Authority Collective Meeting | 5/23/2017 in Iowa Falls | | Multiple practices | 23 | |
| 122 | ISU Annual Spring Field Day | 6/28/2016 in Nashua | | Multiple practices | 75 | |
| 123 | Jasper County Soil Health Field Day | 7/19/2016 in Colfax | | Multiple practices | 40 | |
| 124 | Mark Thompson Field Day | 7/28/2016 in Badger | | Multiple practices | 44 | |
| 125 | McNay Fall Field Day | 8/2/2016 in Chariton | | Multiple practices | 50 | |
| 126 | McNay Research Farm Field Day | 8/2/2016 in Chariton | | Multiple practices | 47 | |
| 127 | Monroe County FB Teacher's Academy | 6/30/2016 in Eddyville | | Multiple practices | 32 | |
| 128 | North Central Iowa Crop & Land Stewardship Clinic | 12/29/2016 in Iowa Falls | | Multiple practices | 198 | |
| 129 | Northwest Research Farm Field Day | 7/13/2016 in Sutherland | | Multiple practices | 74 | |
| 130 | Polk County FB Teacher's Academy | 7/7/2016 in Ankeny | | Multiple practices | 33 | |
| 131 | Rapid Creek Watershed Field Day | 4/13/2017 in Iowa City | | Multiple practices | 30 | |
| 132 | Southeast Research and Demonstration Farm Field Day | 6/23/2016 in Crawfordsville | | Multiple practices | 39 | |
| 133 | Southfork Watershed Alliance Meeting | 6/14/2016 in Iowa Falls | | Multiple practices | 9 | |
| 134 | Southfork Watershed Alliance Meeting | 8/9/2016 in Iowa Falls | | Multiple practices | 11 | |

| | | | | | |
|-----|---|------------------------------|--|---------------------|-----|
| 135 | Southfork Watershed Alliance Meeting | 9/13/2016 in Iowa Falls | | Multiple practices | 8 |
| 136 | Southfork Watershed Alliance Meeting | 12/20/2016 in Iowa Falls | | Multiple practices | 16 |
| 137 | Southfork Watershed Alliance Meeting | 3/14/2017 in Iowa Falls | | Multiple practices | 7 |
| 138 | Southfork Watershed Alliance Meeting | 2/14/2017 in Iowa Falls | | Multiple practices | 13 |
| 139 | Southfork Watershed Alliance Meeting | 4/11/2017 in Iowa Falls | | Multiple practices | 21 |
| 140 | Southfork Watershed Field Day | 10/29/2016 in Alden | | Multiple practices | 66 |
| 141 | Tim Smith Field Day | 8/25/2016 in Eagle Grove | | Multiple practices | 50 |
| 142 | Wapsipinicon River Watershed | 5/9/2017 in Independence | | Multiple practices | 16 |
| 143 | Wapsipinicon River Watershed | 5/16/2017 in Hazleton | | Multiple practices | 10 |
| 144 | Warren County Soil and Water District Summer Meeting | 7/25/2016 in Indianola | | Multiple practices | 41 |
| 145 | Washington Co Agronomy in the Field | 7/11/2016 in Crawfordsville | | Multiple practices | 11 |
| 146 | Washington County Field Day | 9/7/2016 in Keota | | Multiple practices | 65 |
| 147 | Women in Agriculture Water Quality Tour | 7/25/2016 in Boone | | Multiple practices | 29 |
| 148 | Woodbury County Field Day | 7/12/2016 in Correctionville | | Multiple practices | 107 |
| 149 | Agribusiness Showcase - Nitrogen Practices | 2/15/2017 in Des Moines | | nitrogen management | 30 |
| 150 | Balancing the Economics of Soil Fertility for Crop Production | 12/14/2016 in Oskaloosa | | nutrient management | 7 |
| 151 | Werner Pasture Walk | 6/21/2016 in Vining | | pasture | 67 |
| 152 | McNay Fall Field Day | 8/2/2016 in Chariton | | pasture | 50 |
| 153 | Pasture Walk | 9/7/2016 in Milton | | pasture/beef focus | 18 |
| 154 | Beef Feedlot Roundtable | 2/9/2017 in Manchester | | livestock focus | 12 |
| 155 | Miscanthus Growers Meeting | 1/26/2017 in Cedar Rapids | | perennials | 28 |

| | | | | | |
|-----|---|-----------------------------|--|----------------|------|
| 156 | Grundy County STRIPS Field Day | 9/6/2016 in Dike | | Prairie strips | 34 |
| 157 | Cedar Falls Youth River Lore Camp | 7/12/2016 in Cedar Falls | | youth | 20 |
| 158 | Wapello County 4-H Expo | 7/14/2016 in Ottumwa | | youth | 47 |
| 159 | Water Rocks! at the Science Center of Iowa's Girls in Science | 2/11/2017 in Des Moines | | youth | 42 |
| 160 | Water Rocks! Outdoor Classroom Visit | 5/5/2017 in Donnellson | | youth | 158 |
| 161 | Water Rocks! Outdoor Classroom Visit | 5/12/2017 in Ruthven | | youth | 145 |
| 162 | Water Rocks! Outdoor Classroom Visit | 5/10/2017 in Pocahontas | | youth | 89 |
| 163 | Water Rocks! Outdoor Classroom Visit | 5/10/2017 in Mount Pleasant | | youth | 171 |
| 164 | Water Rocks! Plays Big Sioux Water Festival | 5/9/2017 in Brookings | | youth | 330 |
| 165 | Water Rocks! School Assembly | 10/5/2016 in Des Moines | | youth | 310 |
| 166 | Water Rocks! School Assembly | 10/4/2016 in Primghar | | youth | 269 |
| 167 | Water Rocks! School Assembly | 10/14/2016 in Des Moines | | youth | 445 |
| 168 | Water Rocks! School Assembly | 10/11/2016 in Des Moines | | youth | 630 |
| 169 | Water Rocks! School Assembly | 10/12/2016 in Latimer | | youth | 68 |
| 170 | Water Rocks! School Assembly | 10/12/2016 in Hampton | | youth | 318 |
| 171 | Water Rocks! School Assembly | 10/18/2016 in Jackson | | youth | 242 |
| 172 | Water Rocks! School Assembly | 10/20/2016 in Oelwein | | youth | 235 |
| 173 | Water Rocks! School Assembly | 10/28/2016 in Conrad | | youth | 111 |
| 174 | Water Rocks! School Assembly | 11/18/2016 in Altoona | | youth | 1145 |
| 175 | Water Rocks! School Assembly | 11/30/2016 in Johnston | | youth | 693 |
| 176 | Water Rocks! School Assembly | 11/9/2016 in Gilbertville | | youth | 53 |

| | | | | | | |
|-----|------------------------------|---------------------------|--|-------|------|--|
| 177 | Water Rocks! School Assembly | 11/11/2016 in Johnston | | youth | 222 | |
| 178 | Water Rocks! School Assembly | 12/6/2016 in Alleman | | youth | 603 | |
| 179 | Water Rocks! School Assembly | 12/2/2016 in Ankeny | | youth | 420 | |
| 180 | Water Rocks! School Assembly | 12/8/2016 in Urbandale | | youth | 210 | |
| 181 | Water Rocks! School Assembly | 12/9/2016 in Marion | | youth | 480 | |
| 182 | Water Rocks! School Assembly | 12/13/2016 in Le Mars | | youth | 349 | |
| 183 | Water Rocks! School Assembly | 12/16/2016 in Des Moines | | youth | 435 | |
| 184 | Water Rocks! School Assembly | 1/17/2017 in Ankeny | | youth | 100 | |
| 185 | Water Rocks! School Assembly | 1/10/2017 in Andrew | | youth | 42 | |
| 186 | Water Rocks! School Assembly | 2/2/2017 in West Point | | youth | 169 | |
| 187 | Water Rocks! School Assembly | 2/10/2017 in Des Moines | | youth | 189 | |
| 188 | Water Rocks! School Assembly | 2/17/2017 in Charles City | | youth | 250 | |
| 189 | Water Rocks! School Assembly | 2/23/2017 in Rockford | | youth | 228 | |
| 190 | Water Rocks! School Assembly | 2/15/2017 in Gilbert | | youth | 190 | |
| 191 | Water Rocks! School Assembly | 3/6/2017 in Altoona | | youth | 380 | |
| 192 | Water Rocks! School Assembly | 3/27/2017 in Cedar Rapids | | youth | 365 | |
| 193 | Water Rocks! School Assembly | 4/5/2017 in Boone | | youth | 30 | |
| 194 | Water Rocks! School Assembly | 4/28/2017 in Milford | | youth | 164 | |
| 195 | Water Rocks! School Assembly | 4/25/2017 in Mallard and | | youth | 320 | |
| 196 | Water Rocks! School Assembly | 5/5/2017 in Johnston | | youth | 1157 | |
| 197 | Water Rocks! School Visit | 6/1/2016 in Denver | | youth | 131 | |

| | | | | | | |
|-----|---------------------------|------------------------------|--|-------|-----|--|
| 198 | Water Rocks! School Visit | 6/2/2016 in Council Bluffs | | youth | 70 | |
| 199 | Water Rocks! School Visit | 9/9/2016 in Woodbine | | youth | 67 | |
| 200 | Water Rocks! School Visit | 9/15/2016 in Mount Ayr | | youth | 112 | |
| 201 | Water Rocks! School Visit | 9/16/2016 in Dow City | | youth | 43 | |
| 202 | Water Rocks! School Visit | 9/20/2016 in Oelwein | | youth | 95 | |
| 203 | Water Rocks! School Visit | 9/21/2016 in Mason City | | youth | 101 | |
| 204 | Water Rocks! School Visit | 9/22/2016 in Carroll | | youth | 150 | |
| 205 | Water Rocks! School Visit | 9/27/2016 in Earlham | | youth | 58 | |
| 206 | Water Rocks! School Visit | 9/28/2016 in Ottumwa | | youth | 45 | |
| 207 | Water Rocks! School Visit | 9/29/2016 in Bennett | | youth | 72 | |
| 208 | Water Rocks! School Visit | 10/3/2016 in Plainfield | | youth | 91 | |
| 209 | Water Rocks! School Visit | 10/7/2016 in Panora | | youth | 54 | |
| 210 | Water Rocks! School Visit | 10/6/2016 in Estherville | | youth | 107 | |
| 211 | Water Rocks! School Visit | 10/14/2016 in Aplington | | youth | 105 | |
| 212 | Water Rocks! School Visit | 10/13/2016 in Pocahontas | | youth | 47 | |
| 213 | Water Rocks! School Visit | 10/21/2016 in Kalona | | youth | 160 | |
| 214 | Water Rocks! School Visit | 10/19/2016 in Osage | | youth | 79 | |
| 215 | Water Rocks! School Visit | 10/18/2016 in Oskaloosa | | youth | 173 | |
| 216 | Water Rocks! School Visit | 10/20/2016 in New Albin | | youth | 74 | |
| 217 | Water Rocks! School Visit | 10/28/2016 in Spirit Lake | | youth | 91 | |
| 218 | Water Rocks! School Visit | 10/27/2016 in Buffalo Center | | youth | 124 | |

| | | | | | | |
|-----|---------------------------|-------------------------------|--|-------|-----|--|
| 219 | Water Rocks! School Visit | 10/26/2016 in Alden | | youth | 39 | |
| 220 | Water Rocks! School Visit | 10/25/2016 in Donahue | | youth | 42 | |
| 221 | Water Rocks! School Visit | 10/12/2016 in Missouri Valley | | youth | 58 | |
| 222 | Water Rocks! School Visit | 11/8/2016 in Sully | | youth | 81 | |
| 223 | Water Rocks! School Visit | 11/9/2016 in Baxter | | youth | 110 | |
| 224 | Water Rocks! School Visit | 11/15/2016 in Moravia | | youth | 82 | |
| 225 | Water Rocks! School Visit | 11/16/2016 in Onawa | | youth | 55 | |
| 226 | Water Rocks! School Visit | 11/18/2016 in Garner | | youth | 83 | |
| 227 | Water Rocks! School Visit | 11/22/2016 in Burlington | | youth | 150 | |
| 228 | Water Rocks! School Visit | 1/13/2017 in Ackley | | youth | 96 | |
| 229 | Water Rocks! School Visit | 1/19/2017 in Fort Dodge | | youth | 21 | |
| 230 | Water Rocks! School Visit | 1/20/2017 in Norway | | youth | 100 | |
| 231 | Water Rocks! School Visit | 1/25/2017 in Cedar Falls | | youth | 32 | |
| 232 | Water Rocks! School Visit | 1/26/2017 in Dubuque | | youth | 103 | |
| 233 | Water Rocks! School Visit | 1/12/2017 in Des Moines | | youth | 62 | |
| 234 | Water Rocks! School Visit | 2/1/2017 in Boone | | youth | 34 | |
| 235 | Water Rocks! School Visit | 2/3/2017 in Sibley | | youth | 54 | |
| 236 | Water Rocks! School Visit | 2/8/2017 in Kalona | | youth | 104 | |
| 237 | Water Rocks! School Visit | 2/15/2017 in Hinton | | youth | 57 | |
| 238 | Water Rocks! School Visit | 2/17/2017 in Davenport | | youth | 47 | |
| 239 | Water Rocks! School Visit | 2/21/2017 in Cedar Falls | | youth | 78 | |

| | | | | | |
|-----|---------------------------|---------------------------|--|-------|-----|
| 240 | Water Rocks! School Visit | 3/8/2017 in Vinton | | youth | 87 |
| 241 | Water Rocks! School Visit | 3/8/2017 in Shellsburg | | youth | 26 |
| 242 | Water Rocks! School Visit | 3/10/2017 in Decorah | | youth | 119 |
| 243 | Water Rocks! School Visit | 3/14/2017 in Donnellson | | youth | 173 |
| 244 | Water Rocks! School Visit | 3/16/2017 in Burlington | | youth | 109 |
| 245 | Water Rocks! School Visit | 3/16/2017 in Lawton | | youth | 96 |
| 246 | Water Rocks! School Visit | 3/21/2017 in Des Moines | | youth | 91 |
| 247 | Water Rocks! School Visit | 3/22/2017 in Waterloo | | youth | 79 |
| 248 | Water Rocks! School Visit | 3/23/2017 in Churdan | | youth | 55 |
| 249 | Water Rocks! School Visit | 3/28/2017 in Keokuk | | youth | 77 |
| 250 | Water Rocks! School Visit | 3/29/2017 in Jewell | | youth | 79 |
| 251 | Water Rocks! School Visit | 3/31/2017 in Parkersburg | | youth | 96 |
| 252 | Water Rocks! School Visit | 3/30/2017 in Dubuque | | youth | 75 |
| 253 | Water Rocks! School Visit | 4/4/2017 in Epworth | | youth | 86 |
| 254 | Water Rocks! School Visit | 4/6/2017 in Fort Dodge | | youth | 42 |
| 255 | Water Rocks! School Visit | 4/5/2017 in Schaller | | youth | 55 |
| 256 | Water Rocks! School Visit | 4/11/2017 in Marengo | | youth | 103 |
| 257 | Water Rocks! School Visit | 4/12/2017 in Marengo | | youth | 108 |
| 258 | Water Rocks! School Visit | 4/12/2017 in Ottumwa | | youth | 46 |
| 259 | Water Rocks! School Visit | 4/18/2017 in Albia | | youth | 89 |
| 260 | Water Rocks! School Visit | 4/21/2017 in Sioux Center | | youth | 96 |

| | | | | | |
|-----|---|-----------------------------|--|-------|-----|
| 261 | Water Rocks! School Visit | 4/19/2017 in Spencer | | youth | 65 |
| 262 | Water Rocks! School Visit | 4/20/2017 in Westside | | youth | 29 |
| 263 | Water Rocks! School Visit | 4/21/2017 in Terril | | youth | 55 |
| 264 | Water Rocks! School Visit | 4/28/2017 in Tripoli | | youth | 32 |
| 265 | Water Rocks! School Visit | 4/26/2017 in Van Meter | | youth | 51 |
| 266 | Water Rocks! School Visit | 4/25/2017 in Indianola | | youth | 74 |
| 267 | Water Rocks! School Visit | 4/27/2017 in Central City | | youth | 72 |
| 268 | Water Rocks! School Visit | 5/2/2017 in North English | | youth | 100 |
| 269 | Water Rocks! School Visit | 5/4/2017 in Early | | youth | 146 |
| 270 | Water Rocks! School Visit | 5/18/2017 in Galva | | youth | 70 |
| 271 | Water Rocks! School Visit | 5/19/2017 in Reinbeck | | youth | 69 |
| 272 | Water Rocks! School Visit | 5/23/2017 in Ankeny | | youth | 99 |
| 273 | Water Rocks! School Visit | 5/26/2017 in Council Bluffs | | youth | 220 |
| 274 | Water Rocks! School Visit | 5/25/2017 in Cedar Rapids | | youth | 41 |
| 275 | Water Rocks! Summer Camp Visit | 6/28/2016 in Des Moines | | youth | 7 |
| 276 | Water Rocks! Summer Visit to Lake City Public Library | 6/29/2016 in Lake City | | youth | 26 |
| 277 | Water Rocks! Teacher Summit | 6/22/2016 in Ames | | youth | 48 |
| 278 | Water Rocks! visits Ellsworth Public Library | 7/21/2016 in Ellsworth | | youth | 12 |
| 279 | Watery Wonders Day Camp | 6/22/2016 in Sac City | | youth | 23 |
| 280 | Wonders of Water Girl Scout Camp | 6/20/2016 in Ames | | youth | 77 |

| | | | | | | | | | | |
|-------|---|---------|------------------------------|---------------------|--|--|--|--|------|--|
| Plus: | Commercial and private manure applicator training | vairies | 92 Communities / 73 Counties | Manure and nutrient | | | | | 9932 | |
|-------|---|---------|------------------------------|---------------------|--|--|--|--|------|--|

Iowa State University College of Agriculture and Life Sciences
NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 4 - WATER

| | Spatial Scale of Monitoring | Monitoring Location |
|---|---|----------------------------|
| 1 | Edge-of-field http://agwatermgmt.ae.iastate.edu/content/research-program | |
| 2 | sub-watershed- ILF Conservation Learning Labs | Story and Floyd Co. |

Natural Resource Conservation Service

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 1 - INPUTS (Funding Sources)

| Staff resources for implementing the NRS and/or water quality improvement | |
|---|------|
| | FTEs |
| Infrastructure staff (e.g. administrative support) | 55 |
| Research Staff | 0 |
| On-the-ground implementation staff | 337 |
| 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 shown below) | 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 | Conservation Technical Assistance | 16203184 | 16203184 | Federal Agency | Annual Appropriations | 2 | 2 | Other - Conservation planning and other technical assistance |
| 2 | Environmental Quality Incentives Program | 22453895 | 22453895 | Federal Agency | Annual Appropriations | 2 | 2 | On-the-ground implementation |
| 2 | Conservation Stewardship Program | \$37,219,000 | \$37,219,000 | Federal Agency | Annual Appropriations | 2 | 2 | On-the-ground implementation |
| 3 | Agricultural Conservation Easement Program | 14274278 | 14274278 | Federal Agency | Annual Appropriations | 2 | 2 | Other - Conservation easements and restoration |
| 4 | Grassland reserve Program | 215860 | \$215,860 | Federal Agency | Annual Appropriations | 1 | 10 | Grazing land protection |

Natural Resource Conservation Service

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

| Number of media pieces, created by your organization, that pertain to each topic and are released through each outlet. | | | | | | |
|--|------------------------------------|--|-------|------------|-------|-------|
| | | Outlet | | | | |
| | | Online (Newsletter, Blog Post, etc.) | Print | Television | Radio | Other |
| Topic | Water Quality | | 6 | | | |
| | Soil Health | | 5 | | | |
| | Practices recommended by NRS | | 5 | | | 93 |
| | Conservation Funding Opportunities | | 9 | | | |
| | Other | | 0 | | | |

| Education and outreach events that your organization hosted between June 1, 2015, and May 31, 2016. | | | | | | | | | | |
|---|---------------|----------------------|----------------------------------|--|-------------|----------------------------------|------------------------------------|-------|------------|-----------------------|
| | Type of Event | Date (mm/dd/yyyy) | Location (Town and/or County) | Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event) | | | | | Attendance | Partner Organizations |
| | | | | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | Other | | |
| 1 | Field Day | 42605 | Poweshiek Co. | X | X | | | | | Poweshiek SWCD |

Natural Resource Conservation Service

NRS REPORTING June 1, 2016 to May 31, 2017 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 <i>without</i> 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 | Polk 07100008 | 2016 | yes | | |
| 2 | Bioreactor | Polk 07100008 | 2017 | yes | | |
| 3 | Bioreactor | Polk 07100008 | 2016 | no | | City of Des Moines |
| 4 | Bioreactor | Wapello | 2017 | yes | | |

United States Environmental Protection Agency
 NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 1 - INPUTS (Funding Sources)

| Staff resources for implementing the NRS and/or water quality improvement | |
|---|------|
| | FTEs |
| Infrastructure staff (e.g. administrative support) | 2 |
| Research Staff | |
| On-the-ground implementation staff | |
| 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 | EPA 319 Grant - Nonpoint Source Activities | 3679000 | 3679000 | Federal Agency | Grant-based funding | Annual program grant. President's Budget has proposed elimination | 27 | On-the-ground implementation |
| 2 | Water Quality Planning - 604b | 104310 | 104310 | Federal Agency | Grant-based funding | Annual program grant. Nothing to indicate elimination in the near future | 19 | NRS Infrastructure (e.g. administrative support) |
| 3 | NPDES - 106 Grant - Wastewater Program Management | \$2,966,000 | \$2,966,000 | Federal Agency | Grant-based funding | Annual program grant. President's Budget has proposed a 30% reduction | 41 | NRS Infrastructure (e.g. administrative support) |
| 4 | Iowa Source Water Protection - EPA Contractor Assistance | 124000 | 124000 | Federal Agency | One-time | None - This is one time funding | 0 | On-the-ground implementation |

United States Environmental Protection Agency

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

| Education and outreach events that your organization hosted between June 1, 2015, and May 31, 2016. | | | | | | | | |
|---|---|----------------------|----------------------------------|---|----------------|--|--------------------------------------|---|
| | Type of Event | Date (mm/dd/yyyy) | Location (Town and/or County) | Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event) | | | Attendance | Partner Organizations |
| | | | | Water Quality | Soil Health | Practices recommended by the NRS | | |
| 1 | HABs Blooms Sources & Movements | 42544 | Webcast | Water Quality | | | Unk | Great Lakes HABs Collaboratory |
| 2 | HABs Blooms Monitoring & Forecasting | 42614 | Webcast | Water Quality | | | Unk | Great Lakes HABs Collaboratory |
| 3 | EPA Region 7 and State Discussion on HABS | 42632 | Webcast | Water Quality | | | 20 | EPA, 4-states |
| 4 | EPA Region 7 Virtual Harmful Algal Blooms Workshop | 42769 | Lenexa, KS | Water Quality | | | 80 | EPA HQ |
| 5 | EPA REGION 7 HARMFUL ALGAL BLOOM WORKSHOP | 02/15-16/2017 | Lenexa | Water Quality | | | 125 | EPA HQ, 4-states, NOAA, USGS, OH EPA, U of NC |
| 6 | Success Stories of HABs Prevention, Control and Management Techniques | 42878 | Webcast | Water Quality | | | 50 | EPA HQ |
| 7 | WRCC Meetings | 06/01/2016-05/31/17 | Meeting | | | | 40+/EPA attended all but one meeting | |

United States Geological Survey

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

| Education and outreach events that your organization hosted between June 1, 2015, and May 31, 2016. | | | | | | | | |
|---|--------------------------|---------------------------|----------------------------------|---|------------------------|---|------------|--------------------------|
| | Type of Event | Date (mm/dd/yyyy) | Location (Town and/or County) | Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event) | | | Attendance | Partner Organizations |
| | | | | <i>Water Quality</i> | <i>Soil Health</i> | <i>Practices recommended by the NRS</i> | | |
| 1 | Other (Science Exchange) | 6/21/2016 to 6/22/2016 | Ames, Iowa | Water Quality, streamflow monitoring, groundwater investigations being conducted by multiple groups in Iowa | | | ~50 | Multiple |

United States Geological Survey

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 4 - WATER

| | Spatial Scale of Monitoring | Monitoring Location | Parameters Measured (Please list any of the parameters shown below) | | | | | | | |
|---|-----------------------------|---|---|--------------|--------------|------------|-------------------|------------|------------|------------|
| | | | <i>NO2-N</i> | <i>NO3-N</i> | <i>NH4-N</i> | <i>TKN</i> | <i>Diss PO4-P</i> | <i>TSS</i> | <i>TDS</i> | <i>VSS</i> |
| 1 | Varies | https://goo.gl/cTibXc | Parameters include at least one nutrient result, additional parameters vary | | | | | | | |
| 2 | Sub-Watershed to >HUC8 | https://goo.gl/WByk7t | Nitrate, turbidity, additional 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) |
|---|--|--|--|-----------------------|--|
| | | | | | <i>Real-Time</i> |
| 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, 2016 to May 31, 2017 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 | 6 |
| On-the-ground implementation staff | 3 |
| Other | 5 |

| 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 shown below) | 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 Watershed Approach | \$7,589,013.00 | 96887177 | Federal | Grant-based funding | 4 | 1 | on the ground implementation |
| 2 | Iowa Nutrient Research Center | \$467,000.00 | | State | | | | research |

University of Iowa College of Engineering

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

| Number of media pieces, created by your organization, that pertain to each topic and are released through each outlet. | | | | | | |
|--|------------------------------------|--|-------|------------|-------|-------|
| | | Outlet | | | | |
| | | Online (Newsletter, Blog Post, etc.) | Print | Television | Radio | Other |
| Topic | Water Quality | 10 | 5 | | | |
| | Soil Health | | | | | |
| | Practices recommended by NRS | | | | | |
| | Conservation Funding Opportunities | 5 | 8 | | | |
| | Other | | | | | |

| Education and outreach events that your organization hosted between June 1, 2015, and May 31, 2016. | | | | | | | | | | | |
|---|---|----------------------|----------------------------------|---|----------------|--|--|-------|------------|--------------------------|-------------------|
| | Type of Event | Date (mm/dd/yyyy) | Location (Town and/or County) | Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event) | | | | | Attendance | Partner Organizations | |
| | | | | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | Other | | | |
| 1 | Iowa State Fair | 42594 | Des Moines | x | | | | | flooding | 300 | IGS, UI, IFC |
| 2 | Okoboji Blue Water Festival | 42595 | Arnolds Park | x | x | x | | | | 300 | |
| 3 | Mississippi River Commission | 42592 | Muscatine | x | | | x | | flooding | 75 | USACE, IDALS, IFC |
| 4 | IFC Open House | 42628 | Iowa City | x | | | x | | flooding | 100 | UI, IFC |
| 5 | Iowa Environmental Council Conference | 42649 | Ankeny | x | x | x | x | | flooding | 300 | IFC |
| 6 | Cedar Valley STEM Festival | 42684 | Waterloo | x | x | x | x | | flooding | 300 | IFC |
| 7 | Upper Cedar RCPP Kickoff Event | 42752 | Mitchell County | x | x | x | x | | flooding | 75 | IFC |
| 8 | North Raccoon River Watershed Conference | 42798 | Perry | x | x | x | x | | | 100 | |
| 9 | INRC Legislative Breakfast | 42803 | Des Moines | x | x | x | x | | | 100 | UNI, ISU |

| | | | | | | | | | | |
|----|---|----------------------------|-------------|---|---|---|---|----------|-----|-----------------|
| 10 | Prairie Preview | 42803 | Iowa City | x | x | x | x | flooding | 350 | IFC |
| 11 | Iowa Water Conference | 03/22/2017 - 03/23/2017 | Ames | x | x | x | x | flooding | 400 | IFC, IGS |
| 12 | Hawkeye Caucus | 42829 | Des Moines | x | x | x | x | | 200 | IGS, IFC |
| 13 | Iowa City Parks & Rec Teacher Training | 42833 | Iowa City | x | x | x | x | flooding | 200 | UI, IFC |
| 14 | Water for All Fundraiser | | | | | | | | | |
| 15 | Iowa Center for Agriculture Safety and Health | 42871 | Iowa City | x | | | | | 50 | UI |
| 16 | Iowa Academy of Sciences | 42846 | Cedar Falls | x | | | | flooding | 200 | UI, UNI |
| 17 | Iowa Department of Public Health | 42835 | Des Moines | x | | | | | 100 | UI, UNI |
| 18 | Cedar River Watershed Coalition | 42825 | Osage | x | | | | | 100 | UI, DNR |
| 19 | Mitchell County Conservation | 42776 | Osage | x | | | | | 20 | Ui |
| 20 | Supervisors | 42705 | Des Moines | x | | | | | 100 | UI |
| 21 | Management Symposium | 42774 | Dubuque | x | | | | | 200 | City of Dubuque |
| 22 | Iowa Groundwater Association | 42649 | Dubuque | x | | | | | 150 | IGWA |
| 23 | Clear Creek Technical Team | 42635 | Coralville | x | | | | | 20 | UI |
| 24 | Symposium | 42614 | Minneapolis | x | | | | | 250 | U of MN |

University of Iowa College of Engineering

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 4 - WATER

| | | | Parameters Measured (Please list any of the parameters shown below) | | | | | | | | | |
|---|---|----------------------------|--|--------------|--------------|------------|-------------------|------------|------------|------------|-------------|--|
| | Spatial Scale of Monitoring | Monitoring Location | <i>NO2-N</i> | <i>NO3-N</i> | <i>NH4-N</i> | <i>TKN</i> | <i>Diss PO4-P</i> | <i>TSS</i> | <i>TDS</i> | <i>VSS</i> | <i>Flow</i> | |
| 1 | http://iwqis.iowawis.org/network.html | | | | | | | | | | | |

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) |
|---|---|---|---|------------------------------|---|
| | | | | | <i>Real-Time</i> <i>Monthly</i> <i>Bi-Annually</i> <i>Annually</i> <i>Other (Please describe)</i> |
| 1 | | | | | |

Agriculture's Clean Water Alliance

NRS REPORTING June 1, 2016 to May 31, 2017 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 shown below) | 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 | \$260,000.00 | \$260,000.00 | Private Grant | Annual Appropriations | 1 | 16 | Water monitoring; communications/outreach; program mgmt. |
| 2 | WQI - Elk Run Watershed (contract with ISA) | \$128,000.00 | | State Agency | Grant-based funding | 1 | 2 | On-the-ground implementation (practices); water monitoring |

Agriculture's Clean Water Alliance

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

| Number of media pieces, created by your organization, that pertain to each topic and are released through each outlet. | | | | | | |
|--|------------------------------------|--|-------|------------|-------|-------|
| | | Outlet | | | | |
| | | Online (Newsletter, Blog Post, etc.) | Print | Television | Radio | Other |
| Topic | Water Quality | 0 | 0 | 0 | 0 | |
| | Soil Health | 0 | 0 | 0 | 0 | |
| | Practices recommended by NRS | 2 | 4 | 2 | 12 | |
| | Conservation Funding Opportunities | 0 | 1 | 0 | 0 | |
| | Other | 3 | 0 | 0 | 0 | |

| Education and outreach events that your organization hosted between June 1, 2015, and May 31, 2016. | | | | | | | | | | |
|---|----------------------------|----------------------|----------------------------------|--|-------------|----------------------------------|------------------------------------|-------|------------|---|
| | Type of Event | Date (mm/dd/yyyy) | Location (Town and/or County) | Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event) | | | | | Attendance | Partner Organizations |
| | | | | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | Other | | |
| 1 | Year End Celebration | 42762 | Breda | x | x | x | | x | 20 | Carroll County Cattlemen; Iowa Soybean Association; |
| 2 | Urban Ag Conservation Tour | 42522 | Carroll | x | | x | | x | 15 | Iowa Corn District 4; Iowa Soybean Association |
| 3 | | 42803 | Roelyn | x | | x | | | 30 | Capital Crossroads; Iowa Soybean Association; |
| 4 | | 42850 | Clive | x | | x | | | 30 | Capital Crossroads |

| | | | | | | | | | | |
|----|---|-------|------------------|---|---|---|---|---|----|---|
| 5 | Urban Conservation Field Day | 42522 | Carroll, Elk Run | 1 | | 1 | 1 | 1 | 25 | Iowa Corn Growers District 4, Iowa Soybean Association, CPS, ACWA |
| 6 | ACWA Bioreactor Field Day | 42545 | Carroll, Elk Run | 1 | | 1 | 1 | 1 | 20 | ACWA, Landus, CPS |
| 7 | Carroll Rotary Speaking Event | 42611 | Carroll | 1 | | 1 | 1 | 1 | 25 | |
| 8 | Carroll County Conservation Conference | 42663 | Carroll | 1 | | 1 | 1 | 1 | 25 | ISA |
| 9 | CSIF Manure Management Workshop | 42703 | Carroll | 1 | | 1 | 1 | 1 | 75 | Carroll County Cattlemen |
| 10 | Black Hawk Lake Field Day | 42607 | Lake View | 1 | 1 | 1 | 1 | 1 | 35 | NRCS, ISU Ext., ISA |
| 11 | On Year Celebration/ Opportunities Presentations | 42762 | Breda | 1 | | 1 | 1 | 1 | 50 | Carroll County Cattlemen, IAWA, ISA, Agsolver |

Agriculture's Clean Water Alliance

NRS REPORTING June 1, 2016 to May 31, 2017 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 <i>without</i> 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 | 71000060804 | 2016 | 50% WQI cost share | 21 acres | IAWA 50% cost Share |
| 2 | Bioreactor | 71000060804 | 2016 | 50% WQI cost share | 30 acres | IAWA 50% cost Share |
| 3 | Saturated buffer | 71000060804 | 2016 | 50% WQI cost share | 8.1 acres | IAWA 50% cost Share |
| 4 | Saturated buffer | 71000060804 | 2016 | 50% WQI cost share | 56.8 acres | IAWA 50% cost Share |

Agriculture's Clean Water Alliance

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 4 - WATER

For the sake of brevity, this part of the report was excluded from this document. For more information on the reported sites, view the Excel version of this report at www.nutrientstrategy.iastate.edu .

Conservation Districts of Iowa

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 1 - INPUTS (Funding Sources)

| Staff resources for implementing the NRS and/or water quality improvement | |
|---|------|
| | FTEs |
| Infrastructure staff (e.g. administrative support) | 2 |
| Research Staff | |
| On-the-ground implementation staff | 8 |
| 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 shown below) | 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 | Champion Cover Crop Commissioner | 8000 | 8000 | Private Grant | Grant-based funding | 0 | 3 | Other |

Conservation Districts of Iowa

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

| Number of media pieces, created by your organization, that pertain to each topic and are released through each outlet. | | | | | | |
|--|------------------------------------|--|-------|------------|-------|-------|
| | | Outlet | | | | |
| | | Online (Newsletter, Blog Post, etc.) | Print | Television | Radio | Other |
| <i>Topic</i> | Water Quality | 20 | 3 | | | |
| | Soil Health | 20 | 1 | | | |
| | Practices recommended by NRS | 20 | 1 | | | |
| | Conservation Funding Opportunities | 20 | | | | |
| | Other | | | | | |

| Education and outreach events that your organization hosted between June 1, 2015, and May 31, 2016. | | | | | | |
|---|---------------|-------------------------|--|--|------------|---|
| | Type of Event | Date (mm/dd/yyyy) | Location (Town and/or County) | Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event) | Attendance | Partner Organizations |
| | | | | <i>Water Quality</i> <i>Soil Health</i> <i>Practices recommended by the NRS</i> <i>Conservation Funding Opportunities</i> <i>Other</i> | | |
| 1 | Conference | 8/30/2016- 8/31/2016 | Altoona/Polk | Water Quality, Soil Health, Practices Recommended by the NRS, Conservation Funding Opportunities, Other | 335 | Districts, IDALS, SSCC, NRCS |
| 2 | Other | 1/17/2017 | Des Moines/Polk | Water Quality, Soil Health, Practices Recommended by the NRS, Conservation Funding Opportunities, Other | 40 | Districts, IDALS, SSCC, NRCS, DNR, ILF, LICA, WMA |
| 3 | Other | 3/7/2017- 3/16/2017 | Shelby, Davis, Iowa, Greene, Fayette, Worth, Palo Alto, Lyon, Montgomery | Water Quality, Soil Health, Practices Recommended by the NRS, Conservation Funding Opportunities, Other | 307 | Districts, IDALS, SSCC, NRCS, DNR |

Conservation Districts of Iowa

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 4 - WATER

| | Spatial Scale of Monitoring | Monitoring Location | Parameters Measured (Please list any of the parameters shown below) | | | | | | | | |
|---|-----------------------------|---|---|--------------|--------------|------------|-------------------|------------|------------|------------|-------------|
| | | | <i>NO2-N</i> | <i>NO3-N</i> | <i>NH4-N</i> | <i>TKN</i> | <i>Diss PO4-P</i> | <i>TSS</i> | <i>TDS</i> | <i>VSS</i> | <i>Flow</i> |
| 1 | Edge-of-Field | 785 retain kits given out throughout Iowa | | 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) |
|---|--|--|--|-----------------------|--|
| | | | | | <i>Real-Time</i> |
| 1 | 2015 | 2 | Y | IDALS, SSCC, ISU E&O | Other: kits contain 25 test strips and can test tile lines at their convenience |

Iowa Corn Growers Association

NRS REPORTING June 1, 2016 to May 31, 2017 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 shown below) | 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 | \$250,000.00 | | Checkoff | Long term | Indefinitely | 3 | Implementation |
| 2 | Iowa Nutrient Research & Education Council | \$85,000.00 | | Checkoff | Long term | Indefinitely | 2 | Implementation, research |
| 2 | Soil Health Partnership | \$68,000.00 | | Checkoff | Long term | Indefinitely | 1 | Implementation, research |
| 3 | Iowa Corn water quality communications | \$175,000.00 | | Checkoff | Long term | Indefinitely | 1 | Implementation |
| 4 | Nitrate test kits | \$10,000.00 | | Checkoff | Annual appropriations | 1 | 0 | Implementation |
| 5 | Grants to watershed projects | \$10,000.00 | | Checkoff | Long term | Indefinitely | 4 | Infrastructure |

Iowa Corn Growers Association

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

| Number of media pieces, created by your organization, that pertain to each topic and are released through each outlet. | | | | | | |
|--|------------------------------------|--|-------|------------|-------|-------|
| | | Outlet | | | | |
| | | Online (Newsletter, Blog Post, etc.) | Print | Television | Radio | Other |
| Topic | Water Quality | 17 | 2 | | | 1 |
| | Soil Health | 13 | 1 | | | 1 |
| | Practices recommended by NRS | 16 | 10 | | 5 | 1 |
| | Conservation Funding Opportunities | 8 | | | | |
| | Other | 3 | | | | |

| Education and outreach events that your organization hosted between June 1, 2015, and May 31, 2016. | | | | | | | | | | |
|---|---------------|----------------------|----------------------------------|---|----------------|--|--|-------|------------|----------------------------|
| | Type of Event | Date (mm/dd/yyyy) | Location (Town and/or County) | Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event) | | | | | Attendance | Partner Organizations |
| | | | | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | Other | | |
| 1 | Field day | 42524 | Melbourne | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities | | 50 | |
| 2 | Field day | 42544 | Sibley | Water Quality | | Practices recommended by the NRS | | | 100 | Timewell |
| 3 | Field day | 42549 | La Porte City | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | | 50 | Miller Creek WQI |
| 4 | Field day | 42572 | Sioux Rapids | | Soil Health | Practices recommended by the NRS | | | 30 | Soil Health Partnership |
| 5 | Field day | 42574 | Boone county | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities | | 50 | Squaw Creek |

| | | | | | | | |
|----|--------------------|-------|---------------|---------------|--|-----|-------------------------|
| 6 | Field day | 42577 | Postville | Soil Health | Practices recommended by the NRS | 50 | Soil Health Partnership |
| 7 | Field day | 42584 | Washington | Soil Health | Practices recommended by the NRS | 75 | Soil Health Partnership |
| 8 | Field day | 42598 | Gilman | Soil Health | Practices recommended by the NRS | 30 | Soil Health Partnership |
| 9 | Field day | 42600 | Algona | Soil Health | Practices recommended by the NRS | 30 | Soil Health Partnership |
| 10 | Field day | 42605 | Rock Valley | Soil Health | Practices recommended by the NRS | 30 | Soil Health Partnership |
| 11 | Field day | 42607 | Eagle Grove | Soil Health | Practices recommended by the NRS | 40 | Soil Health Partnership |
| 12 | Conference | 42608 | Cedar Rapids | Water Quality | Soil Health Practices recommended by the NRS | 200 | |
| 13 | Field day | 42611 | West Liberty | Soil Health | Practices recommended by the NRS | 25 | Soil Health Partnership |
| 14 | Farm Progress Show | 42612 | Boone | Water Quality | Soil Health Practices recommended by the NRS | 60 | |
| 15 | Farm Progress Show | 42613 | Boone | Water Quality | Soil Health Practices recommended by the NRS | 40 | |
| 16 | Farm Progress Show | 42614 | Boone | Water Quality | Soil Health Practices recommended by the NRS | 40 | |
| 17 | Field day | 42615 | Corning | Soil Health | Practices recommended by the NRS | 30 | Soil Health Partnership |
| 18 | Field day | 42626 | Hastings | Soil Health | Practices recommended by the NRS | 30 | Soil Health Partnership |
| 19 | Field day | 42672 | Hardin county | Water Quality | Practices recommended by the NRS | 40 | Southfork watershed |

| | | | | | | | |
|----|--------------------|-------|-----------------|---------------|--|-----|-------------------------|
| 20 | Field day | 42682 | Jasper county | | Practices recommended by the NRS | 50 | NRCS |
| 21 | Field day | 42703 | Grinnell | Soil Health | Practices recommended by the NRS | 50 | Soil Health Partnership |
| 22 | Field day | 42710 | Lake Mills | Soil Health | Practices recommended by the NRS | 25 | Soil Health Partnership |
| 23 | Webinar | 42719 | | Soil Health | Practices recommended by the NRS | 50 | Soil Health Partnership |
| 24 | Crop fair | 42753 | Arlington | | Practices recommended by the NRS | 50 | |
| 25 | Conference | 42755 | Des Moines | Soil Health | Practices recommended by the NRS | 200 | Soil Health Partnership |
| 26 | Crop fair | 42761 | Rock Rapids | | Practices recommended by the NRS | 100 | |
| 27 | Workshop | 42761 | Pocahontas | Water Quality | Practices recommended by the NRS | 20 | ISU |
| 28 | Crop fair | 42766 | Greene | Soil Health | Practices recommended by the NRS | 40 | |
| 29 | Power Farming Show | 42766 | Des Moines | Water Quality | Soil Health Practices recommended by the NRS | 60 | |
| 30 | Power Farming Show | 42767 | Des Moines | Water Quality | Soil Health Practices recommended by the NRS | 50 | |
| 31 | Crop fair | 42769 | Missouri Valley | Water Quality | Soil Health | 75 | |
| 32 | Crop fair | 42773 | Paullina | | Soil Health Practices recommended by the NRS | 50 | |
| 33 | Crop fair | 42774 | DeWitt | Water Quality | Soil Health Practices recommended by the NRS | 30 | |

| | | | | | | | | |
|----|-----------|-------|-----------------|---------------|----------------------------------|--|----|---------------------------------|
| 34 | Workshop | 42780 | Monticello | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | 30 | NRCS |
| 35 | Crop fair | 42787 | Grinnell | Water Quality | Soil Health | Practices recommended by the NRS | 40 | |
| 36 | Crop fair | 42789 | Oskaloosa | Water Quality | Soil Health | Practices recommended by the NRS | 50 | |
| 37 | Workshop | 42794 | Windsor Heights | Water Quality | | Practices recommended by the NRS Conservation Funding Opportunities | 50 | Walnut Creek |
| 38 | Field day | 42804 | Laurens | | Soil Health | Practices recommended by the NRS | 40 | Soil Health Partnership |
| 39 | Crop fair | 42808 | Coon Rapids | Water Quality | | Practices recommended by the NRS | 75 | |
| 40 | Crop fair | 42816 | Palo | Water Quality | Soil Health | Practices recommended by the NRS | 30 | |
| 41 | Workshop | 42825 | Osage | Water Quality | | Practices recommended by the NRS | 50 | Cedar River Watershed Coalition |
| 42 | Field day | 42831 | Scott county | | Soil Health | Practices recommended by the NRS | 40 | Soil Health Partnership |
| 43 | Workshop | 42836 | Iowa Falls | Water Quality | | Practices recommended by the NRS Conservation Funding Opportunities | 25 | Southfork watershed |
| 44 | Field day | 42846 | Melbourne | Water Quality | | Practices recommended by the NRS Conservation Funding Opportunities | 40 | |

Iowa Farm Bureau Federation

NRS REPORTING June 1, 2016 to May 31, 2017 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 shown below) | 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 | 2017 IFBF Share Fund | 111341 | | IFBF Funds | 18 2017 Grants from the IFBF to 23 County Farm Bureaus | Annual | 3 | Information, Education, Outreach, Practice Implementation |
| 2 | 2016 IFBF Share Fund | 63335 | | IFBF Funds to Local Projects | Implementation of 6 2016 Grants by 10 County Farm Bureaus | Annual | 3 | Information, Education, Outreach, Practice Implementation |

Iowa Farm Bureau Federation

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

| Number of media pieces, created by your organization, that pertain to each topic and are released through each outlet. | | | | | | |
|--|------------------------------------|--|-------|------------|-------|-------------------------------|
| | | Outlet | | | | |
| | | Online (Newsletter, Blog Post, etc.) | Print | Television | Radio | Other |
| Topic | Water Quality | | | | | |
| | Soil Health | | | | | |
| | Practices recommended by NRS | | | | | |
| | Conservation Funding Opportunities | | | | | |
| | Other | 12 Newsletters | 105 | 5 | 3 | 666 posts (2.6 million reach) |

| Education and outreach events that your organization hosted between June 1, 2015, and May 31, 2016. | | | | | | | | | | |
|---|--|----------------------|----------------------------------|--|-------------|----------------------------------|------------------------------------|-------|------------|-----------------------------|
| | Type of Event | Date (mm/dd/yyyy) | Location (Town and/or County) | Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event) | | | | | Attendance | Partner Organizations |
| | | | | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | Other | | |
| 1 | 46 County Farm Bureau Field Days, Conferences, Tours | Various | 31 Counties | Water Quality, Soil Health, Recommended Practices, Funding Opportunities | | | | | 3135 | Various |
| 2 | County Farm Bureaus in WQI Projects | Various | | Water Quality, Soil Health, Recommended Practices, Funding Opportunities | | | | | 6 | Various |
| 3 | Farm Bureau Park - Iowa State Fair | 42583 | Polk | Water Quality, Recommended Practices | | | | | 20000 | Iowa Learning Farms |
| 4 | Iowa Hawkeye ANF Game | 42979 | Johnson | Water Quality | | | | | 70000 | University of Iowa |
| 5 | 2017 FFA Leadership Conference | 42832 | Polk | Water Quality | | | | | 2000 | FFA |
| 6 | ISU Farm Strong Big 12 Conference Tournament | 42795 | Various | Water Quality | | | | | 14306 | Big 12 |
| 7 | Co-Sponsor Conservation Farmer of the Year Award | 42611 | Polk | Water Quality, Recommended Practices | | | | | 300 | IDALS, NRCS, Soil Districts |

Iowa Pork Producers Association

NRS REPORTING June 1, 2016 to May 31, 2017 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 shown below) | 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 | 250000 | | IPPA Association payment to IAWA | Annual Approp. | based on BOD approval | 2 | NRS Infrastructure, coordination support, other |
| 2 | Cover Crop Research - ISU | 57955 | | Research Grant to ISU | Grant Based funding | 1 | 1 | Research |
| 3 | Iowa Nutrient Research & Education Council | \$25,000 | | IPPA Association payment to INREC | Annual Approp. | based on BOD approval | 2 | NRS Infrastructure, monitoring, coordination support, research, other |
| 4 | Big Creek Watershed Appreciation | 346.26 | | Event support grant from IPPA | Grant Based funding | based on committee approval | 4 | Other (outreach support) |
| 5 | Conservation Districts of Iowa Sponsorship | 1000 | | Event support grant from IPPA | Grant Based funding | based on committee approval | 0 | Other (outreach support) |
| 6 | Page Co. SWCD field day lunch sponsorship | \$272 | | Event support grant from IPPA | Grant Based funding | based on committee approval | 0 | Other (outreach support) |
| 7 | IAWA - Field Day lunch sponsorship | \$403 | | Event support grant from IPPA | Grant Based funding | based on committee approval | 0 | Other (outreach support) |
| 8 | | Note - \$ all allocated FROM IPPA | | | | | | |

Iowa Pork Producers Association

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

| Number of media pieces, created by your organization, that pertain to each topic and are released through each outlet. | | | | | | |
|--|------------------------------------|--|-------|------------|-------|-------|
| | | Outlet | | | | |
| | | Online (Newsletter, Blog Post, etc.) | Print | Television | Radio | Other |
| <i>Topic</i> | Water Quality | 20 | 9 | | | |
| | Soil Health | 11 | 3 | | | |
| | Practices recommended by NRS | 19 | 8 | | | |
| | Conservation Funding Opportunities | 5 | 3 | | | |
| | Other | 1 | | | | |

| Education and outreach events that your organization hosted between June 1, 2015, and May 31, 2016. | | | | | | | | | | |
|---|---|----------------------|----------------------------------|---|----------------|--|--|-------|------------|--------------------------|
| | Type of Event | Date (mm/dd/yyyy) | Location (Town and/or County) | Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event) | | | | | Attendance | Partner Organizations |
| | | | | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | Other | | |
| 1 | Iowa Pork Congress Seminar - "Manure, Nutrient Utilization & Water Quality" | 4/27/16 | Des Moines, Polk | x | x | x | x | x | 60 | |

Iowa Soybean Association

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 1 - INPUTS (Funding Sources)

| Staff resources for implementing the NRS and/or water quality improvement | |
|---|------|
| | FTEs |
| Infrastructure staff (e.g. administrative) | 2.5 |
| Research Staff | 6.5 |
| On-the-ground implementation staff | 4.5 |
| 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 shown below) | 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 | Headwaters of North Raccoon WQI | 7500 | | State Agency | Grant-based funding | 0 | 0 | On-the-ground implementation (watershed planning) |
| 2 | National Fish & Wildlife Foundation (via IAWA) for conservation planning | 45571 | | Other | Grant-based funding | 1 | 0 | On-the-ground implementation (conservation planning) |
| 3 | Lyons Creek/Boone River water monitoring (TNC) | \$10,353 | \$10,353 | Private Grant | Grant-based funding | 0 | 11 | Water monitoring |
| 4 | APSIM modeling project | 25000 | 50000 | State Agency | Grant-based funding | 1 | 2 | Research |

| | | | | | | | | |
|----|--|----------|----------|--------------------|-----------------------|---|----|-------------------------------------|
| 5 | ISU Agronomy - soil, tile drainage, modeling | 32250 | \$43,000 | State University | Grant-based funding | 1 | 1 | Research |
| 6 | WQI - Boone River Watershed | \$52,350 | | State Agency | Grant-based funding | 1 | 3 | Water monitoring; Other |
| 7 | WQI - Miller Creek Watershed | \$21,666 | | State Agency | Grant-based funding | 1 | 3 | Water monitoring |
| 8 | WQI - Van Zante Watershed | \$24,170 | | State Agency | Grant-based funding | 1 | 3 | Water monitoring |
| 9 | WQI - Crooked Creek | 20698 | | State Agency | Grant-based funding | 1 | 3 | Water monitoring |
| 10 | CSP Conservation | 45000 | 176591 | Federal Agency | Grant-based funding | 1 | 2 | On-the-ground implementation |
| 11 | Oxbow water monitoring | 12685 | 28375 | Private Grant | Grant-based funding | 1 | 2 | Water monitoring |
| 12 | Turkey River - AgSolver/Profit | 28000 | 35000 | State Agency | Grant-based funding | 1 | 1 | On-the-ground implementation |
| 13 | WQI - Rock Creek | 58260 | 275190 | State Agency | Grant-based funding | 1 | 2 | On-the-ground implementation |
| 14 | WQI - Benton County | 11962 | | State Agency | Grant-based funding | 1 | 3 | Water monitoring |
| 15 | WQI - Lower Skunk River | 7854 | | State Agency | Grant-based funding | 1 | 2 | Water monitoring |
| 16 | RCPD Middle Cedar/Cedar Watershed | 25000 | 125000 | City | Long term funding | 4 | 1 | NRS infrastructure; on-the-ground |
| 17 | Planning | 70892 | 150000 | Private Grant | Grant-based funding | 1 | 2 | On-the-ground implementation |
| 18 | Iowa Nutrient Research | 16000 | 33244 | State University | Grant-based funding | 1 | 2 | Research |
| 19 | Iowa Soybean Association | 822622 | 822622 | Commodity Checkoff | Annual appropriations | 1 | 15 | NRS infrastructure; on-the-ground |
| 20 | Audubon SWCD - Crabapple | 1500 | 1500 | State Agency | Grant-based funding | 1 | 2 | Water monitoring |
| 21 | Conservation Planning (NRCS) | 30000 | 100000 | Federal Agency | Grant-based funding | 1 | 3 | On-the-ground implementation |
| 22 | IDALS-SSCC - low cost water | 20000 | 44326 | State Agency | Grant-based funding | 1 | 2 | Water and soil monitoring; research |
| 23 | On-Farm The Climate | 25000 | 25000 | Private Grant | Grant-based funding | 0 | 0 | Research; Other (Strip-trials) |

| | | | | | | | | |
|----|----------------------------------|--------|--------|-----------------------|--------------------------|---|----|---|
| 24 | On-Farm EDF Nitrogen Trials | 5400 | 5400 | Private Grant | Grant-based funding | 0 | 0 | Research; Other (Strip- trials) |
| 25 | On-Farm La Crosse Seed | 10000 | 10000 | Private Grant | Grant-based funding | 4 | 0 | Research; Other (Strip- trials) |
| 26 | Integrated Farm and Livestock | 400000 | 400000 | State Agency | Annual appropriations | 1 | 11 | Research; Other (Strip- trials, guided stalk |
| 27 | Iowa Soybean Association | 421000 | 421000 | Commodity Checkoff | Annual appropriations | 1 | 15 | NRS infrastructure; on- the-ground |

Iowa Soybean Association

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

| Number of media pieces, created by your organization, that pertain to each topic and are released through each outlet. | | | | | | |
|--|------------------------------------|--|-------|------------|-------|-------|
| | | Outlet | | | | |
| | | Online (Newsletter, Blog Post, etc.) | Print | Television | Radio | Other |
| Topic | Water Quality | 13 | 8 | 2 | 2 | |
| | Soil Health | 3 | 0 | 0 | 0 | |
| | Practices recommended by NRS | 28 | 9 | 0 | 2 | |
| | Conservation Funding Opportunities | 5 | 2 | 0 | 1 | |
| | Other | 19 | 14 | 2 | 15 | |

| Education and outreach events that your organization hosted between June 1, 2015, and May 31, 2016. | | | | | | | | | | | |
|---|--|----------------------|----------------------------------|--|-------------|----------------------------------|------------------------------------|-------|------------|-----------------------|------------|
| | Type of Event | Date (mm/dd/yyyy) | Location (Town and/or County) | Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event) | | | | | Attendance | Partner Organizations | |
| | | | | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | Other | | | |
| 1 | Saturated Buffer Install | 42608 | Perry | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities | | 40 | IAWA | |
| 2 | Gov. Branstad WQ Tour Sac County | 42613 | Sac County | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities | | 40 | Sac SWCD, NRCS | |
| 3 | Miller Creek Water Mointoring Group Meeting | 42628 | Black Hawk County | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | | 12 | Miller Creek WQI | |
| 4 | Mark Jackson Farm Tour with Drake University | 42643 | Rose Hill | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | | 65 | Drake University | |
| 5 | EPC Tour of Wright County | 42688 | Wright County | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | | 10 | DNR | |
| 6 | Farm visits for conservation planning | Throughout | Statewide | Water Quality, Soil Health, Practices recommended by the NRS, Conservation Funding | | | | | | 26 | NRCS, IAWA |

| | | | | | | | | | |
|----|---|-------------------|-------------------|--|---|------------------|--------------|----|----------------------------------|
| 7 | Latham Seeds Field Day | 42601 | Scott County | Soil Health, Cover Crops | | 50 | Latham Seeds | | |
| 8 | Conservation Planning outreach/communication | 42809 | Statewide | Conservation funding opportunity | | 5,000 recipients | | | |
| 9 | Iowa Soybean Assoc. Research Conference | 2/7/2017-2/8/2017 | Des Moines | Water Quality, Soil Health, Practices recommended by the NRS, Conservation Funding, other | | 435 | Numerous | | |
| 10 | Guided Stalk Sampling Review Meeting | 42788 | Storm Lake, IA | X | X | X | 30 | | |
| 11 | Guided Stalk Sampling Review Meeting | 42788 | Remsen, IA | X | X | X | 15 | | |
| 12 | Guided Stalk Sampling Review Meeting | 42758 | Waterloo, IA | X | X | X | 10 | | |
| 13 | Guided Stalk Sampling Review Meeting | 42758 | La Porte City, IA | X | X | X | 30 | | |
| 14 | Watershed meeting, North of Nine | 42720 | St. Ansgar | x | x | x | x | 18 | Mitchell SWCD |
| 15 | Watershed meeting, Upper Cedar RCPP | 42752 | Osage, IA | x | x | x | x | 42 | Mitchell SWCD |
| 16 | Field Day, Soil and Water Conservation Week | 42859 | Madrid, IA | x | | X | | 30 | idals |
| 17 | Bremer County Bioreactor Field Day | 42626 | Bremer County | x | x | x | x | 20 | ISU Ext. |
| 18 | Tom Vincent Field Day | 42608 | Perry, IA | | | x | x | 30 | IAWA/IDALS |
| 19 | Illinois Farm Bureau Benton/Tama Saturated Buffer Field Day | 42591 | Benton County | x | x | x | x | 50 | FB, IDALS, Benton SWCD |
| 20 | Benton/Tama Saturated Buffer Field Day | 42529 | Tama County | | | x | x | 30 | IDALS |
| 21 | Watershed Plan Meeting | 42570 | Laurens | Water Quality, Soil Health, Practices recommended by the NRS | | | | 15 | Iowa Agriculture Water Alliance, |
| 22 | Watershed Plan Meeting | 43715 | Laurens | Water Quality, Soil Health, Practices recommended by the NRS | | | | 13 | Iowa Agriculture Water Alliance, |
| 23 | Water Monitoring Workshop | 42628 | La Porte City | Water Quality, Practices recommended by the NRS, Conservation Funding Opportunities | | | | 15 | Black Hawk SWCD, NRCS |
| 24 | Watershed Plan Meeting | 42710 | Laurens | Water Quality, Soil Health, Practices recommended by the NRS | | | | 14 | Iowa Agriculture Water Alliance, |
| 25 | Watershed Open House | 42717 | Laurens | Water Quality, Soil Health, Practices recommended by the NRS, Conservation Funding Opportunities | | | | 27 | Iowa Agriculture Water Alliance, |
| 26 | Water Monitoring Workshop | 42768 | Houghton | Water Quality, Practices recommended by the NRS, Conservation Funding Opportunities | | | | 10 | Henry SWCD, NRCS, Chem-Gro |
| 27 | Profitability Workshop | 42790 | West Union | Conservation Funding Opportunities, Other | | | | 10 | Northeast Iowa RC&D, AgSolver |

| | | | | | | |
|----|------------------------|-------|---------|--|----|------------------------------|
| 28 | Watershed Plan Meeting | 42821 | Clarion | Water Quality, Soil Health, Practices recommended by the NRS | 10 | Wright SWCD, The Nature |
| 29 | Watershed Plan Meeting | 42821 | Renwick | Water Quality, Soil Health, Practices recommended by the NRS | 13 | Kossuth & Humboldt |
| 30 | Watershed Meeting | 42824 | Goodell | Water Quality | 16 | IDALS, IDNR, Hancock SWCD |

Iowa Soybean Association

NRS REPORTING June 1, 2016 to May 31, 2017 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 <i>without</i> 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 | Rock Creek, Mitchell County | 2016 | State | | IAWA |
| 2 | Saturated buffer | Dallas County | 2016 | State | | IAWA |

Iowa Soybean Association

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 4 - WATER

For the sake of brevity, this part of the report was excluded from this document. For more information on the reported sites, view the Excel version of this report at www.nutrientstrategy.iastate.edu .

Iowa Agriculture Water Alliance

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 1 - INPUTS (Funding Sources)

| Staff resources for implementing the NRS and/or water quality improvement | |
|---|------|
| | FTEs |
| Infrastructure staff (e.g. administrative support) | 0.4 |
| Research Staff | 0 |
| On-the-ground implementation staff | 3.2 |
| 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 shown below) | 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 | \$250,000.00 | | Commodity Check-Off | Sustained Funding | 2 | 3 | Other |
| 2 | Iowa Pork Producers Association | \$250,000.00 | | Other | Sustained Funding | 2 | 3 | Other |
| 3 | Iowa Soybean Association | \$250,000.00 | | Commodity Check-Off | Sustained Funding | 2 | 3 | Other |
| 4 | NFWF | | 174,000/2 years | Federal Agency | Grant-based funding | 0 | 2 | On-the-ground implementation |
| 5 | McKnight Foundation | \$60,000.00 | 60,000/2 years | Private Grant | Grant-based funding | 1 | 1 | Other |
| 6 | Business Council | | 170,000/3 years | Other | Sustained Funding | 4 | 2 | Other |

Iowa Agriculture Water Alliance

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

| Number of media pieces, created by your organization, that pertain to each topic and are released through each outlet. | | | | | | |
|--|------------------------------------|--|-------|------------|-------|--------------------|
| | | Outlet | | | | |
| | | Online (Newsletter, Blog Post, etc.) | Print | Television | Radio | Other |
| Topic | Water Quality | 1062 | 14 | 1 | 7 | 1 (Website Revamp) |
| | Soil Health | 63 | | | | 1 (YouTube Video) |
| | Practices recommended by NRS | 263 | 24 | | | 1 (YouTube Video) |
| | Conservation Funding Opportunities | 37 | | | | |
| | Other | 52 | | | | |

| Education and outreach events that your organization hosted between June 1, 2015, and May 31, 2016. | | | | | | | | | | |
|---|---|----------------------|----------------------------------|--|-------------|----------------------------------|------------------------------------|-------|------------|------------------------|
| | Type of Event | Date (mm/dd/yyyy) | Location (Town and/or County) | Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event) | | | | | Attendance | Partner Organizations |
| | | | | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | Other | | |
| 1 | IAWA Board Meeting (Other) | 42527 | Johnston, IA | Water Quality | | | Conservation Funding Opportunities | Other | 15 | ISA, IPPA, ICGA |
| 2 | One Water Summit Iowa Delegation (Conference) | 6/8--6/10/2016 | Atlanta, GA | Water Quality | | | | Other | 350+ | ISA, US Water Alliance |
| 3 | PZM Training - NFWF Project (Workshop) | 42538 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | | Other | 15 | NFWF, ISA |
| 4 | RSET- FTM- RCPP- Winfield Meeting (Other) | 42545 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | Other | 7 | FTM, Winfield, ISU |
| 5 | RCPP All Partners Meeting (Other) | 42548 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | | 40 | IDALS |

| | | | | | | | | | | |
|----|--|-------|---------------|---------------|-------------|----------------------------------|------------------------------------|-------|----|---|
| 6 | IAWA Management Team Meeting (Other) | 42548 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities | Other | 8 | ISA, IPPA, ICGA |
| 7 | RCCP Cover Crops Initiative (Other) | 42548 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | | 8 | IDALS |
| 8 | IAWA Business Council Call (Other) | 42549 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities | Other | 12 | |
| 9 | RCCP External Partners Conservation Planning (Other) | 42571 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | | Other | 30 | NRCS |
| 10 | IAWA Management Team Meeting (Other) | 42576 | Ankeny, IA | Water Quality | | | Conservation Funding Opportunities | Other | 8 | ISA, IPPA, ICGA |
| 11 | Remote Sensing and Water Quality Opportunities in Iowa (Other) | 42577 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | | Other | 10 | |
| 12 | Headwaters of N. Raccoon RCCP Launch Planning (Other) | 42585 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | Other | 10 | Pocahontas/ Buena Vista SWCDs |
| 13 | Prairie Strips Meeting with Amvac (Other) | 42598 | Ankeny, IA | Water Quality | Soil Health | | | Other | 8 | ISU, Amvac |
| 14 | Headwaters of N. Raccoon Update (Other) | 42600 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities | Other | 10 | IDALS |
| 15 | NFWF Grant and AgSolver Meeting (Other) | 42601 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | | 5 | NFWF, AgSolver |
| 16 | IAWA Advisory Council Meeting (Other) | 42605 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities | Other | 28 | |
| 17 | IAWA Management Team Meeting (Other) | 42607 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities | Other | 8 | ISA, IPPA, ICGA |
| 18 | Farm Progress Press Conference (Other) | 42612 | Boone, IA | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities | Other | 30 | IDALS,ISA, ICGA, IPPA |
| 19 | Headwaters of N. Raccoon Launch Party (Other) | 42621 | Rembrandt, IA | Water Quality | Soil Health | Practices recommended by the NRS | | Other | 75 | IDALS,ISA, ICGA, IPPA, Farm Nutrients |

| | | | | | | | | | | |
|----|--|-------|----------------|---------------|-------------|----------------------------------|------------------------------------|-------|----|------------------------|
| 20 | Soil Health Discussion with AgSpectrum and ISA (Other) | 42622 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | | 9 | AgSpectrum, ISA |
| 21 | Bioreactors in CRP; Bioreactor Funding Meeting (Other) | 42632 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | | 7 | ISA |
| 22 | RCPD Update (Other) | 42633 | Des Moines, IA | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | | 16 | IDALS |
| 23 | IAWA Management Team Meeting (Other) | 42634 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | | 8 | ISA, IPPA, ICGA |
| 24 | RCPD Conservation Planning for Partners (Other) | 42635 | Johnston, IA | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | | 18 | IDALS |
| 25 | IAWA Board Meeting (Other) | 42636 | Clive, IA | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities | Other | 14 | ISA, IPPA, ICGA |
| 26 | One Water Working Group Meeting (Other) | 42648 | Ankeny, IA | Water Quality | | | | Other | 7 | ISA, US Water Alliance |
| 27 | One Water Listening Session (Other) | 42663 | Ankeny, IA | Water Quality | | | | Other | 65 | ISA, US Water Alliance |
| 28 | IAWA Management Team Meeting (Other) | 42674 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities | Other | 8 | ISA, IPPA, ICGA |
| 29 | NFWF Subfield Profitability (Other) | 42678 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | | 18 | NFWF |
| 30 | IAWA Management Team Meeting (Other) | 42688 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | | Other | 8 | ISA, IPPA, ICGA |
| 31 | IAWA Advisory Council/Business Council Meeting (Other) | 42695 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities | Other | 68 | IDALS |
| 32 | IAWA Board Meeting (Other) | 42696 | Ankeny, IA | Water Quality | | | Conservation Funding Opportunities | Other | 13 | ISA, IPPA, ICGA |
| 33 | OB Radio Interview (Other) | 42702 | Ankeny, IA | Water Quality | | | | Other | 4 | |

| | | | | | | | | | | |
|----|--|-------|----------------|---------------|-------------|----------------------------------|------------------------------------|-------|-------|-------------------------------|
| 34 | Polk SWCD Funding Discussion | 42702 | Ankeny, IA | Water Quality | | | Conservation Funding Opportunities | Other | 3 | Polk SWCD |
| 35 | Chesapeake Bay Conservancy Meeting (Other) | 42717 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | Other | 8 | CBC |
| 36 | Field To Market Fieldprint Update Webinar (Other) | 42718 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | | 25 | FTM |
| 37 | IAWA/AAI Update and Collaboration Meeting (Other) | 42718 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities | Other | 9 | AAI |
| 38 | IAWA/Urban Conservation Program Meeting (Other) | 42724 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | | Other | 10 | IDALS |
| 39 | IAWA Management Team Meeting (Other) | 42725 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | | Other | 8 | ISA, IPPA, ICGA |
| 40 | PZM Webinar (Other) | 42725 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | | Other | 16 | NFWF, AgSolver |
| 41 | Watershed Meeting with Houston Engineering (Other) | 42726 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | | 8 | Houston Engineering |
| 42 | Walnut Creek Launch Planning Meeting (Other) | 42740 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | | Other | 5 | Walnut Creek WMA, Polk SWCD |
| 43 | IAWA Management Team Meeting (Other) | 42751 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | | 8 | ISA, IPPA, ICGA |
| 44 | IAWA Business Council Call (Other) | 42753 | Ankeny, IA | Water Quality | | | Conservation Funding Opportunities | Other | 12 | |
| 45 | Middle Cedar Watershed Planning Project (Other) | 42759 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | | 15 | HEI, TNC |
| 46 | ICGA Corn Twitter Takeover (Other) | 42762 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | | Other | 10492 | ICGA |
| 47 | Walnut Creek Launch Planning Meeting (Other) | 42769 | Des Moines, IA | Water Quality | | | | Other | 6 | City of Clive, Des Moines HBA |

| | | | | | | | | | | |
|----|---|-------|---------------------|---------------|-------------|----------------------------------|------------------------------------|-------|----|---|
| 48 | Conservation Infrastructure Work Session (Other) | 42776 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | | Other | 11 | Context, IDALS |
| 49 | Walnut Creek Launch Planning Meeting (Other) | 42779 | Ankeny, IA | Water Quality | | | | Other | 9 | Des Moines MPO, GDMP, Homebuilders |
| 50 | IAWA Management Team Meeting (Other) | 42779 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | Other | 8 | ISA, IPPA, ICGA |
| 51 | Conservation Infrastructure Leadership Work Session (Other) | 42781 | Des Moines, IA | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities | Other | 17 | IDALS, Context |
| 52 | RCPPI Partners Planning Meeting (Other) | 42782 | Ankeny, IA | Water Quality | | | | Other | 4 | |
| 53 | RCPPI MAWQP- All Partners Meeting (Other) | 42787 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | | 41 | IDALS |
| 54 | WQI RCPPI Partner Meeting (Other) | 42788 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | | 75 | IDALS |
| 55 | IAWA Advisory Council Meeting (Other) | 42789 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities | Other | 28 | |
| 56 | IAWA Business Council Meeting (Other) | 42793 | Ankeny, IA | Water Quality | | | Conservation Funding Opportunities | Other | 17 | |
| 57 | Walnut Creek Launch Event (Other) | 42794 | Windsor Heights, IA | Water Quality | Soil Health | Practices recommended by the NRS | | Other | 62 | Polk SWCD, City of Clive, GDMP, Heartland Co-op |
| 58 | IAWA Board Annual Meeting (Other) | 42801 | Johnston, IA | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities | Other | 15 | ISA, IPPA, ICGA |
| 59 | Conservation Infrastructure Discussion (Other) | 42808 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities | Other | 6 | Context |
| 60 | Syngenta Connection and Planning (Other) | 42810 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities | Other | 6 | Syngenta |
| 61 | Conservation Infrastructure Working Group Co-Chairs Webinar (Other) | 42815 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | | Other | 13 | Context |

| | | | | | | | | | |
|----|---|-------|-------------|---------------|-------------|----------------------------------|---|----|----------------------------------|
| 62 | IAWA Management Team Meeting (Other) | 42818 | Ankeny, IA | Water Quality | | | Other | 8 | ISA, IPPA, ICGA |
| 63 | Smithfield Meeting (Other) | 42829 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities Other | 3 | |
| 64 | Fourmile Creek Discussion and Meeting (Other) | 42829 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | Other | 6 | Polk SWCD |
| 65 | Conservation Infrastructure Working Group Co-Chairs Webinar (Other) | 42836 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | Other | 11 | Context |
| 66 | Hagie Interseeder Opportunity (Other) | 42843 | Clarion, IA | Water Quality | | Practices recommended by the NRS | Other | 8 | Hagie |
| 67 | Squaw Creek Discussion (Other) | 42850 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | Other | 6 | Squaw Creek WQI/Prairie Rivers |
| 68 | Conservation Delivery Discussion | 42856 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities Other | 5 | Houston Engineering |
| 69 | IAWA Advisory Council Strategy and Planning Session (Other) | 42857 | Ames, IA | Water Quality | | | Other | 6 | ISU |
| 70 | Communications Training-Watershed Academy (Workshop) | 42864 | Ames, IA | Water Quality | | | Other | 28 | ISU |
| 71 | Conservation Drainage Session-Watershed Academy (Workshop) | 42865 | Ames, IA | Water Quality | | Practices recommended by the NRS | Other | 48 | ISU, ISA, IDALS, Agri-Drain |
| 72 | IAWA Management Team Meeting (Other) | 42866 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities Other | 8 | ISA, IPPA, ICGA |
| 73 | NFWF-PZM Project Team Meeting (Other) | 42867 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities Other | 14 | ISA, AgSolver, Pheasants Forever |
| 74 | Agglomeration Webinar (Other) | 42870 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | 6 | Arizona State University |
| 75 | Conservation Infrastructure Working Group Co-Chairs Webinar (Other) | 42871 | Ankeny, IA | Water Quality | | Practices recommended by the NRS | Other | 10 | Context, IDALS, ISA, IEDA |

| | | | | | | | | | | |
|----|---|-------|-------------------|---------------|-------------|----------------------------------|------------------------------------|-------|------|---|
| 76 | IAWA Joint Board and Business Council Meeting (Other) | 42872 | Clive, IA | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities | Other | 28 | IPPA, ISA, ICGA |
| 77 | Urban/Rural Conservation Collaboration Presentation- EPA 7 Conference | 42873 | Overland Park, KS | Water Quality | | Practices recommended by the NRS | Conservation Funding Opportunities | Other | 250+ | |
| 78 | CCA Ag Executives Focus Group (Other) | 42880 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | Other | 11 | ISA, ACWA, Verdesian, AAI, ISA, SUSTAIN |
| 79 | Hagie Project Conference Call (Other) | 42885 | Ankeny, IA | Water Quality | Soil Health | Practices recommended by the NRS | | Other | 8 | Hagie |

The Nature Conservancy

NRS REPORTING June 1, 2016 to May 31, 2017 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 shown below) | 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 | 15 | On-the-ground implementation |
| 2 | Iowa 4R Plus | | | Private | Grant-based funding | 2 (2017-18) | 1 (2016) | Other - Marketing and outreach |
| 2 | Lower Cedar Valley | | | Private Grant | Grant-based funding | 1 | 17 | On-the-ground implementation |
| 3 | Cedar River Watershed | | | Private | Grant-based funding | 2 | 1 | On-the-ground implementation |
| 4 | research | | | private | Grant-based funding | | | 2 research |
| | | \$1,000,000 | | | | | | |

The Nature Conservancy

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

| Number of media pieces, created by your organization, that pertain to each topic and are released through each outlet. | | | | | | | |
|--|------------------------------------|--|-------|------------|-------|-------|--|
| | | Outlet | | | | | |
| | | Online (Newsletter, Blog Post, etc.) | Print | Television | Radio | Other | |
| <i>Topic</i> | Water Quality | 1 | 1 | | | | Lower Cedar, Boone |
| | Soil Health | 1 | | | | | Middle Cedar |
| | Practices recommended by NRS | | 1 | | | | |
| | Conservation Funding Opportunities | | | | | | |
| | Other | 3 | 1 | | | | Lower Cedar Alliance newsletter - includes all aspects: water, soil, wildlife, conservation practices, etc |

| Education and outreach events that your organization hosted between June 1, 2015, and May 31, 2016. | | | | | | | | | | |
|---|---------------------------------|--|----------------------------------|--|-------------|----------------------------------|------------------------------------|-------|------------|---|
| | Type of Event | Date (mm/dd/yyyy) | Location (Town and/or County) | Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event) | | | | | Attendance | Partner Organizations |
| | | | | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | Other | | |
| 1 | Field Day | 42621 | Kanahwa | x | x | x | | | 50 | ISU, SWCD |
| 2 | Meeting | 42782 | Ames | x | | x | | | 20 | Audubon |
| 3 | Field Day | 42835 | Renwick | x | x | x | | x | 40 | SWCD, ISA |
| 4 | 4R Plus Advisory team meetings | July, August September, March, May | Des Moines area | x | x | x | | | 20-30 | 20+ participants |
| 5 | AAI Showcase | February | Des Moines | x | x | x | | | 250 | AAI |
| 6 | Middle Cedar Geodesign Workshop | 42683 | Cedar Rapids | x | | x | | x | 32 | TNC, Middle Cedar Partnership Project, Cedar Rapids |
| 7 | Soil Helath Summit Demo Exhibit | 42755 | Des Moines | x | | x | | x | 100 | Soil Health Partnership |

| | | | | | | | | |
|---|-----------------------------------|-------|-------|---|---|---|----|--|
| 8 | Upper Cedar RCPP Kick off meeting | 42752 | Osage | x | x | x | 30 | Upper Cedar RCPP, Mitchel County, SWCD |
|---|-----------------------------------|-------|-------|---|---|---|----|--|

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NRS REPORTING June 1, 2016 to May 31, 2017 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 <i>without</i> 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 | Prairie Creek:071000050103 | 2017 | Federal | | Fishers and Farmers Partnership |
| 2 | Water quality treatment wetland | Prairie Creek:071000050103 | 2017 | Federal | | Fishers and Farmers Partnership |
| 3 | Water quality treatment wetland | Prairie Creek:071000050103 | 2017 | Private grant funding | | Fishers and Farmers Partnership |
| 4 | Water quality treatment wetland | Eagle Creek: 071000050403 | 2017 | Private grant funding | | Fishers and Farmers Partnership |
| 5 | Water quality treatment wetland | Blue Creek Cedar River: 070802051506 | 2016 | Private grant funding | 6 | Linn County and FWS |
| 6 | Water quality treatment wetland | Dry Run Cedar River: 0708020509 | 2016 | Private grant funding | 72.85 | UNI and Black Hawk SWCD |
| | | | | | | |

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NRS REPORTING June 1, 2016 to May 31, 2017 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 | Edge-of-Field | 5 restored oxbow locations near Webster City and Woolstock, Iowa: 93°46'33.13"W 42°33'30.238"N ; 93°45'24.988"W 42°35'47.361"N ; 93°45'28.402"W 42°35'46.229"N ; 93°47'15.43"W 42°31'22.507"N ; 93°45'16.086"W 42°28'40.557"N | x | x | | | x | | | | |
| 2 | Sub-Watershed | Lyon's Creek near Webster City | x | x | x | | | | | | |
| 3 | HUC12 | Outlets of all 30 HUC12 subwatersheds of Boone River | x | 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 | Other (Please describe) |
| 1 | 2012 | 6 | Y | Iowa Soybean Association, Iowa Geological Survey | | | | | |
| 2 | 2008 | 9 | N | Iowa Soybean Association | | | | | |
| 3 | 2007 | 11 | Y | Iowa Soybean Association, Agriculture's Clean Water Alliance | | | | | |

Trees Forever

NRS REPORTING June 1, 2016 to May 31, 2017 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 shown below) | 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 | \$80,000.00 | \$80,000.00 | Private Grant & Membership Dues | Grant-based funding | 2 | 20 | On the ground implementation and education |
| 2 | Iowa Pollinator Program | \$41,188.00 | \$41,188.00 | Private Grant & Membership Dues | Grant-based funding | 2 | 5 | On the ground implementation and education |

Trees Forever

NRS REPORTING June 1, 2016 to May 31, 2017 ELEMENT 2 - HUMAN (Outreach and Education Efforts)

| Number of media pieces, created by your organization, that pertain to each topic and are released through each outlet. | | | | | | |
|--|------------------------------------|--|-------|------------|-------|-------|
| | | Outlet | | | | |
| | | Online (Newsletter, Blog Post, etc.) | Print | Television | Radio | Other |
| Topic | Water Quality | 1 | 2 | | | |
| | Soil Health | | | | | |
| | Practices recommended by NRS | | | | | |
| | Conservation Funding Opportunities | | | | | |
| | Other | | | | | |

| Education and outreach events that your organization hosted between June 1, 2015, and May 31, 2016. | | | | | | | | | | |
|---|---|----------------------|-----------------------------------|--|------------------------------------|----------------------------------|------------------------------------|-------|------------|-----------------------------|
| | Type of Event | Date (mm/dd/yyyy) | Location (Town and/or County) | Topics Covered (List any of the topics below that accounted for at least 25% of the material covered at the event) | | | | | Attendance | Partner Organizations |
| | | | | Water Quality | Soil Health | Practices recommended by the NRS | Conservation Funding Opportunities | Other | | |
| 1 | Richard Farm Field Day | 42524 | Bassett, IA (Chickasaw County) | Water Quality | | | | | 21 | IDNR Forestry |
| 2 | Hazelnut Field Day | 42623 | Kossuth County | Water Quality | | | | | 48 | PFI |
| 3 | Buffers, Birds, Bees and Beyond Field Day | 42650 | Louisa County | Water Quality | Conservation Funding Opportunities | | | | 20 | IDNR Forestry, NRCS, US FWS |
| 4 | Agroforestry: Dollars and Sense Workshop | 42497 | Centerville | Water Quality | | | | | 25 | IA Nut Growers |
| 5 | Gingerich Field Day | 42854 | Parnell | Water Quality | | | | | 12 | |