

# Action Plan

## Grantee: Iowa

### Grant: B-13-DS-19-0001

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|                                 |                                |
|---------------------------------|--------------------------------|
| <b>LOCCS Authorized Amount:</b> | \$ 96,887,177.00               |
| <b>Grant Award Amount:</b>      | \$ 96,887,177.00               |
| <b>Status:</b>                  | Modified - Resubmit When Ready |
| <b>Estimated PI/RL Funds:</b>   | \$ 61,004.00                   |
| <b>Total Budget:</b>            | \$ 96,948,181.00               |

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### Funding Sources

| Funding Source                          | Funding Type        |
|---|---------------------|
| Iowa Department of Agriculture and Land | State Funds         |
| City of Dubuque                         | City Funds          |
| City of Storm Lake                      | City Funds          |
| City of Coralville                      | City Funds          |
| Iowa Agriculture Water Alliance         | Other Private Funds |
| Iowa Department of Natural Resources    | State Funds         |

### Narratives

#### Executive Summary:

The Iowa Watershed Approach for Urban and Rural Resilience award was made under HUD's National Disaster Resilience Competition designed to fund cutting-edge projects that address unmet needs from past disasters while addressing the vulnerabilities that could put Americans in harm's way during future disasters. The Iowa Watershed Approach (IWA) represents a program through which Iowans are working together to address factors that contribute to floods. This approach is consistent with other statewide programs in Iowa to reduce flooding and improve water quality, such as the Iowa Flood Mitigation Program and the Iowa Nutrient Reduction Strategy. The Iowa Watershed Approach (IWA) will accomplish six specific goals: 1) reduce flood risk; 2) improve water quality; 3) increase resilience; 4) engage stakeholders through collaboration and outreach/education; 5) improve quality of life and health, especially for vulnerable populations; and 6) develop a program that is scalable and replicable throughout the Midwest and the United States.

Nine distinct watersheds across Iowa will serve as project sites for the IWA. Each will leverage a watershed management authority, develop a hydrologic assessment and watershed plan, and implement projects to reduce the magnitude of downstream flooding and to improve water quality during and after flood events. These projects may include construction of farm ponds, wetlands, and storm water detention basins; restoration of floodplains and oxbows; and implementation of perennial cover and buffer strips.

The City of Dubuque will implement an urban watershed initiative which includes three infrastructure projects. In addition, the Bee Branch Healthy Homes Resiliency Program will repair 320 flood damaged homes and make them more resilient to floods. Eight infrastructure projects will also occur in the City of Storm Lake and one in the City of Coralville. These projects feature improvements to the stormwater management system with practices that increase capacity of conveyance to reduce flooding.

The State is committed to fair housing. IEDA demonstrate the State's commitment to fair housing through its policies,



procedures and practices. These are conveyed through contractual language, management guide instructions and technical assistance. IEDA's CDBG Management Guide, which is distributed to program recipients, contains sections on fair housing and affirmative marketing.

Grantees are required to complete the following mandatory activities to promote fair housing:

1. Advertise, publicize and pass an affirmative fair housing policy that will certify that the local government adheres to the requirements of the federal Fair Housing Act and the Iowa Civil Rights Act of 1965 (adoption and use of the Equal Housing Opportunity logo and the Equal Housing Opportunity statement), and
  2. Identify and publish the name and contact information of a Discrimination Complaint Officer within the agency or jurisdiction for any housing-related bias or discrimination complaint, and
  3. Refer housing discrimination complaints and assist in filing complaints with the Iowa Civil Rights Commission, the U.S. Department of Housing & Urban Development, or a local civil rights commission.
- Grantees are also required to pick one of the elective activities. They include a list of thirteen activities that will promote fair housing within their jurisdictions.

### **MID-URN Areas:**

The Iowa Watershed Approach was designed to address the Most Impacted and Distressed and Unmet Recovery Needs (MID-URN) in areas flooded by events in 2011 and 2013. These events caused substantial damage to homes, infrastructure, and the environment. The IWA activities will result in multiple benefits to these areas, especially to the vulnerable Low to Moderate Income (LMI) areas within the project scope. The project includes portions of the Cities of Dubuque, Coralville, and Storm Lake, as well as the following nine watersheds:

- Upper Iowa River Watershed
- Upper Wapsipinicon River Watershed
- Bee Branch Creek (Dubuque) Watershed
- Middle Cedar River Watershed
- Clear Creek Watershed
- English River Watershed
- North Raccoon River Watershed
- East Nishnabotna River Watershed
- West Nishnabotna River Watershed

The tailored activities will measure and subsequently improve resilience to flooding and improve water quality in these locations and also help guide future priorities to increase flood resilience of these vulnerable areas.

### **Key Agencies, Partners, Positions, Personnel:**

The IWA program is a collaboration of numerous agencies, universities, non-profits, and municipalities. Funded partners and their roles or expertise include:

- Iowa Economic Development Authority: Direct recipient of the HUD grant funds and overall program administration
- Homeland Security and Emergency Management: Aid in outreach and education activities for public resilience programs and development of planning documents and technical assistance
- City of Dubuque: Implementation of watershed projects and Healthy Homes program in the Bee Branch
- University of Iowa: Program lead for watershed projects implementation and monitoring (water quantity and quality), resilience programming, and assessment
- Iowa State University: IWA outreach programming and monitoring of watershed projects success (soil erosion and transportation)
- University of Northern Iowa: IWA outreach programming
- Iowa Department of Natural Resources: Direct resource to watersheds for formation of watershed management authorities and capacity building
- Iowa Department of Agriculture and Land Stewardship: Direct resource to watersheds for assistance with implementing watershed projects.
- Cities of Coralville and Storm Lake: Implementation of built projects in their cities
- Benton, Buena Vista, Fremont, Iowa, Johnson, Mills, Winneshiek, and Howard Counties: Fiscal agents for the work in their respective watersheds.

Additional Stakeholders include: National Resources Conservation Service, County Soil & Water Conservation Districts, The Nature Conservancy, Iowa Natural Heritage Foundation, Iowa Soybean Association, Iowa Farm Bureau, Iowa Agricultural Water Alliance, local Resource Conservation & Development offices, Iowa Department of Transportation, Iowa Association of Counties, Silver Jackets Flood Risk Management Team, and many more.

Grantee (IEDA) key personnel are as follows:

|                 |  |
|-----------------|--|
| Debi Durham     | IEDA Director                                      |
| Tim Waddell     | Community Development Division Administrator       |
| Leslie Leager   | Division Coordinator                               |
| Don Dursky      | Data Operations Manager                            |
| Tim Metz        | Contract and Compliance Manager                    |
| Shelly Peterson | Disaster Planning Project Manager                  |
| Joe Bohlke      | Disaster Infrastructure Project Manager            |
| Ann Schmid      | Disaster Housing Project Manager                   |
| Jeff Geerts     | Disaster Watershed Project Manager                 |
| Hayley Crozier  | Disaster Reimbursement Coordinator/DOB Coordinator |
| Katie Caggiano  | Accountant   |



## Project Summary

| Project #       | Project Title             | Grantee Activity #   | Activity Title                             | Grantee Program |  |  |
|-----------------|---------------------------|----------------------|--|-----------------|--|--|
| 13-DS/Admin     | Administration            | 13-NDRH-001-181      | Dubuque Administration                     |                 |  |  |
|                 |                           | 13-NDRI-002-181      | Benton County Administration               |                 |  |  |
|                 |                           | 13-NDRI-003-181      | Buena Vista County Administration          |                 |  |  |
|                 |                           | 13-NDRI-004-181      | Fremont County Administration              |                 |  |  |
|                 |                           | 13-NDRI-005-181      | Howard County Administration               |                 |  |  |
|                 |                           | 13-NDRI-006-181      | Iowa County Administration                 |                 |  |  |
|                 |                           | 13-NDRI-007-181      | Johnson County Administration              |                 |  |  |
|                 |                           | 13-NDRI-008-181      | Mills County Administration                |                 |  |  |
|                 |                           | 13-NDRI-009-181      | Winneshiek County Administration           |                 |  |  |
|                 |                           | 13-NDRI-010-181      | Coralville Administration                  |                 |  |  |
|                 |                           | 13-NDRI-011-181      | Dubuque Administration                     |                 |  |  |
|                 |                           | 13-NDRI-012-181      | Storm Lake Administration                  |                 |  |  |
|                 |                           | 13-NDRP-017-181      | HSEMD Administration                       |                 |  |  |
|                 |                           | 13-NDRTA-019-185     | Watershed Phased EA: EOR Iowa, LLC TA      |                 |  |  |
|                 |                           | 13-NDRTA-020-185     | Watershed Archaeology Review: EarthView TA |                 |  |  |
|                 |                           |                      | State Admin                                |                 |  |  |
|                 |                           | 13-DS/HSG            | Housing                                    | 13-NDRH-001-733 | Dubuque Healthy Homes - Rehab: Single-Unit Rental  |  |
|                 |                           |                      |  | 13-NDRH-001-734 | Dubuque Healthy Homes Rehab:Multi-Unit Residential |  |
|                 |                           |                      |  | 13-NDRH-001-971 | Dubuque Healthy Homes Rehab: Single-Unit Homeowner |  |
|                 |                           | 13-DS/INF            | Infrastructure                             | 13-NDRI-002-173 | Watershed Project                                  |  |
| 13-NDRI-003-173 |                           |                      |  |                 |  |  |
| 13-NDRI-004-173 |                           |                      |  |                 |  |  |
| 13-NDRI-005-173 |                           |                      |  |                 |  |  |
| 13-NDRI-006-173 |                           |                      |  |                 |  |  |
| 13-NDRI-007-173 |                           |                      |  |                 |  |  |
| 13-NDRI-008-173 |                           |                      |  |                 |  |  |
| 13-NDRI-009-173 |                           |                      |  |                 |  |  |
| 13-NDRI-010-69  | Coralville Infrastructure |                      |  |                 |  |  |
| 13-NDRI-011-69  | Dubuque Infrastructure    |                      |  |                 |  |  |
| 13-NDRI-012-55  | Storm Lake Infrastructure |                      |  |                 |  |  |
| 13-NDRI-012-69  |                           |                      |  |                 |  |  |
| 13-DS/LTC-Long  | Long Term Commitment      | 13-NDRLTC-001-310-01 | Dubuque LTC Watershed Improvements         |                 |  |  |
|                 |                           | 13-NDRLTC-001-310-02 | Dubuque LTC Disaster Workbooks             |                 |  |  |
|                 |                           | 13-NDRLTC-001-310-03 | NFIP Standards                             |                 |  |  |
|                 |                           | 13-NDRLTC-001-310-04 | Iowa State Energy Plan                     |                 |  |  |
|                 |                           | 13-NDRLTC-001-310-05 | DOT Design Standards                       |                 |  |  |
|                 |                           | 13-NDRLTC-001-310-08 | Iowa Flood Mitigation Board Legislation    |                 |  |  |



|                |                |                       |   |
|----------------|----------------|-----------------------|---|
|                |                | 13-NDRLTC-001-310-09  | Iowa Nutrient Reduction Strategy                  |
|                |                | 13-NDRLTC-001-310-10  | Watershed Management Authority Legislation        |
|                |                | 13-NDRLTC-001-310-11  | IDALS Water Quality Initiative                    |
|                |                | 13-NDRLTC-001-310-12  | Flood Insurance Rate Maps                         |
|                |                | 13-NDRLTC-001-310-13  | IDNR LTC Watershed Assistance                     |
|                |                | 13-NDRLTC-001-310-14  | Flood Risk Reports LTC                            |
|                |                | 13-NDRTLTC-001-310-06 | Dubuque Design Standards                          |
|                |                | 13-NDRTLTC-001-310-07 | Iowa Flood Center Legislation                     |
| 13-DS/OV-      | Outcome Values | 13-NDRH-001-311-01    | Dubuque Outcome Value-Median Property Value       |
|                |                | 13-NDRH-001-311-02    | City of Dubuque Outcome Value-Asthma Occurrences  |
|                |                | 13-NDRH-001-311-03    | City of Dubuque Outcome Value-Home Retrofits      |
|                |                | 13-NDRH-001-311-04    | City of Dubuque Outcome Value-Home Consultations  |
|                |                | 13-NDROV-001-311-01   | Dubuque LTC Watershed                             |
|                |                | 13-NDROV-001-311-02   | Dubuque LTC Disaster Workbooks                    |
|                |                | 13-NDROV-001-311-03   | NFIP Standards                                    |
|                |                | 13-NDROV-001-311-04   | State of Iowa Energy Plan                         |
|                |                | 13-NDROV-001-311-05   | DOT Design Standards                              |
|                |                | 13-NDROV-001-311-06   | Dubuque Design Standards                          |
|                |                | 13-NDROV-001-311-07   | Iowa Flood Center Legislation                     |
|                |                | 13-NDROV-001-311-08   | Iowa Flood Mitigation Board Legislation           |
|                |                | 13-NDROV-001-311-09   | Iowa Nutrient Reduction Strategy                  |
|                |                | 13-NDROV-001-311-10   | Watershed Management Authority Legislation        |
|                |                | 13-NDROV-001-311-11   | IDALS Water Quality Initiative                    |
|                |                | 13-NDROV-001-311-12   | Flood Insurance Rate Maps                         |
|                |                | 13-NDROV-001-311-13   | IDNR LTC Watershed Assistance                     |
|                |                | 13-NDROV-001-311-14   | Flood Risk Reports LTC                            |
|                |                | 13-NDROV-001-311-15   | IEDA Outcome Value-Public Facilities Upgrades     |
|                |                | 13-NDROV-001-311-16   | IEDA Outcome Value-Storm Lake Jobs Created        |
|                |                | 13-NDRP-013-311-01    | U of I Outcome Value-Reduce Flow Rate & Nutrients |
|                |                | 13-NDRP-013-311-02    | U of I Outcome Value-Resiliency Action Plan       |
|                |                | 13-NDRP-013-311-03    | U of I Outcome Value - Reduce Flow Rate           |
|                |                | 13-NDRP-013-311-04    | U of I Outcome Value - Reduce Nitrate Loading     |
|                |                | 13-NDRP-016-311-01    | Iowa State University Outcome Value-Soil Loss     |
|                |                | 13-NDRP-017-311-01    | HSEMD Outcome Value-Mitigation Plan               |
|                |                | 13-NDRP-017-311-02    | HSEMD Outcome Value-Recovery Plan                 |
| 13-DS/Planning | Planning       | 13-NDRI-002-172       | Watershed Plan                                    |
|                |                | 13-NDRI-003-172       |   |
|                |                | 13-NDRI-004-172       |   |
|                |                | 13-NDRI-005-172       |   |



|           |                     |                    |  |
|-----------|---------------------|--------------------|--|
|           |                     | 13-NDRI-006-172    |  |
|           |                     | 13-NDRI-007-172    |  |
|           |                     | 13-NDRI-008-172    |  |
|           |                     | 13-NDRI-009-172    |  |
|           |                     | 13-NDRI-011-172    | Pre-Application Costs                              |
|           |                     | 13-NDRP-013-172    | University of Iowa Watershed Planning              |
|           |                     | 13-NDRP-014-172    | IDNR WMA Formation Assistance                      |
|           |                     | 13-NDRP-015-172    | UNI Integration of Prairie Cover Crops             |
|           |                     | 13-NDRP-016-172    | ISU Water Quality Planning                         |
|           |                     | 13-NDRP-017-172    | HSEMD Mitigation and Recovery Activities           |
|           |                     | 13-NDRP-018-172    | IDALS Watershed Plan Development                   |
| 13-DS/SL- | Supporting Leverage | 13-NDRI-010-309-01 | City of Coralville Supporting Leverage-\$9,148,228 |
|           |                     | 13-NDRI-011-309-01 | City of Dubuque Supporting Leverage-\$38,219,000   |
|           |                     | 13-NDRI-012-309-01 | City of Storm Lake Supporting Leverage-\$883,060   |
|           |                     | 13-NDRP-014-309-01 | IDNR Supporting Leverage-\$3,218,333               |
|           |                     | 13-NDRP-017-309-01 | Iowa HSEMD and IAWA Supporting Leverage-\$48,799   |
|           |                     | 13-NDRP-018-309-01 | IDALS Supporting Leverage-\$1,461,228              |
| 9999      | Restricted Balance  |                    | <i>No activities in this project</i>               |



# Activities

**Project # /** 13-DS/Admin / Administration

**Grantee Activity Number:** 13-NDRH-001-181

**Activity Title:** Dubuque Administration

**Activity Type:**

Administration

**Project Number:**

13-DS/Admin

**Projected Start Date:**

10/10/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Dubuque

**Organization Type**

Local Government

**Proposed Budget**

\$ 472,451.00

**Location Description:**

**Activity Status:**

Completed

**Project Title:**

Administration

**Projected End Date:**

06/30/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 472,451.00

**Most Impacted and Distressed Budget:** \$ 472,451.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 472,451.00



**Activity Description:**

Administration for Dubuque.

Completed 6/30/2022. Closed 8/31/2022.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRI-002-181**

**Activity Title: Benton County Administration**

**Activity Type:**

Administration

**Project Number:**

13-DS/Admin

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Benton County

**Organization Type**

Local Government

**Proposed Budget**

\$ 213,109.00

**Location Description:**

**Activity Description:**

Administration for Benton County.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Status:**

Completed

**Project Title:**

Administration

**Projected End Date:**

09/30/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 213,109.00

**Most Impacted and Distressed Budget:** \$ 213,109.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 213,109.00





**Environmental Reviews:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRI-003-181**

**Activity Title: Buena Vista County Administration**

**Activity Type:**

Administration

**Project Number:**

13-DS/Admin

**Projected Start Date:**

10/10/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Buena Vista County

**Organization Type**

Local Government

**Proposed Budget**

\$ 68,532.00

**Location Description:**

Buena Vista County

**Activity Description:**

General Administration

Activity completed and closed 3/31/2021.

**Activity Status:**

Completed

**Project Title:**

Administration

**Projected End Date:**

03/31/2021

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 68,532.00

**Most Impacted and Distressed Budget:** \$ 68,532.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 68,532.00



**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRI-004-181**

**Activity Title: Fremont County Administration**

**Activity Type:**

Administration

**Project Number:**

13-DS/Admin

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Fremont County

**Organization Type**

State Agency

**Proposed Budget**

\$ 32,209.00

**Location Description:**

**Activity Description:**

Administration for Fremont County.

Completed 6/30/2022. Closed 8/31/2022.



**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRI-005-181**

**Activity Title: Howard County Administration**

**Activity Type:**

Administration

**Project Number:**

13-DS/Admin

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Howard County

**Organization Type**

Local Government

**Proposed Budget**

\$ 76,939.00

**Location Description:**

**Activity Description:**

Administration for Howard County.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Status:**

Completed

**Project Title:**

Administration

**Projected End Date:**

06/30/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 76,939.00

**Most Impacted and Distressed Budget:** \$ 76,939.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 76,939.00



**Environmental Reviews:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRI-006-181**

**Activity Title: Iowa County Administration**

**Activity Type:**

Administration

**Project Number:**

13-DS/Admin

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa County

**Organization Type**

Local Government

**Proposed Budget**

\$ 105,560.00

**Location Description:**

**Activity Description:**

Administration for Iowa County.  
Completed/closed 9/30/2021.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Status:**

Completed

**Project Title:**

Administration

**Projected End Date:**

09/30/2021

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 105,560.00

**Most Impacted and Distressed Budget:** \$ 105,560.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 105,560.00





**Environmental Reviews:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRI-007-181**

**Activity Title: Johnson County Administration**

**Activity Type:**

Administration

**Project Number:**

13-DS/Admin

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Johnson County

**Organization Type**

Unknown

**Proposed Budget**

\$ 77,217.00

**Location Description:**

**Activity Description:**

Administration for Johnson County.

Completed 2/28/2022. Closed 8/31/2022.



**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRI-008-181**

**Activity Title: Mills County Administration**

**Activity Type:**

Administration

**Project Number:**

13-DS/Admin

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Mills County

**Organization Type**

Local Government

**Proposed Budget**

\$ 101,769.00

**Location Description:**

**Activity Description:**

Mills County Administration.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Status:**

Completed

**Project Title:**

Administration

**Projected End Date:**

09/30/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 101,769.00

**Most Impacted and Distressed Budget:** \$ 101,769.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 101,769.00



**Environmental Reviews:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRI-009-181**

**Activity Title: Winneshiek County Administration**

**Activity Type:**

Administration

**Project Number:**

13-DS/Admin

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

| <b>Responsible Organization</b> | <b>Organization Type</b> | <b>Proposed Budget</b> |
|---------------------------------|--------------------------|------------------------|
| Winneshiek County               | Unknown                  | \$ 106,914.00          |

**Location Description:**

**Activity Description:**

Administration for Winneshiek County.

Completed 10/31/2022. Closed 12/31/2022.

**Activity Status:**

Completed

**Project Title:**

Administration

**Projected End Date:**

10/31/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 106,914.00

**Most Impacted and Distressed Budget:** \$ 106,914.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 106,914.00



**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRI-010-181**

**Activity Title: Coralville Administration**

**Activity Type:**

Administration

**Project Number:**

13-DS/Admin

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

| Responsible Organization | Organization Type | Proposed Budget |
|--------------------------|-------------------|-----------------|
| Coralville               | Unknown           | \$ 29,066.00    |

**Location Description:**

**Activity Description:**

Administration for Coralville.

Activity complete. Performance measures have been met & activity has been closed. Clawed back remaining \$7,630 at closeout. 9/30/2018.





**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



**Grantee Activity Number: 13-NDRI-011-181**

**Activity Title: Dubuque Administration**

**Activity Type:**

Administration

**Project Number:**

13-DS/Admin

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Dubuque

**Organization Type**

Local Government

**Proposed Budget**

\$ 157,498.00

**Location Description:**

**Activity Description:**

Administration for Dubuque.

Completed/Closed 6/30/2022. Deobligated \$2.

**Activity Status:**

Completed

**Project Title:**

Administration

**Projected End Date:**

06/30/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 157,498.00

**Most Impacted and Distressed Budget:** \$ 157,498.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 157,498.00



**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



**Grantee Activity Number: 13-NDRI-012-181**

**Activity Title: Storm Lake Administration**

**Activity Type:**

Administration

**Project Number:**

13-DS/Admin

**Projected Start Date:**

10/10/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Administration

**Projected End Date:**

12/31/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 60,000.00

**Most Impacted and Distressed Budget:** \$ 60,000.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 60,000.00

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

| Responsible Organization | Organization Type | Proposed Budget |
|--------------------------|-------------------|-----------------|
| City of Storm Lake       | Local Government  | \$ 60,000.00    |

**Location Description:**

City Of Storm Lake

**Activity Description:**

General Administration for Storm Lake.

Completed/Closed 9/30/2022.

Activity reopened to draw remaining funds. Completed 12/31/2022. Closed 3/31/2023.



**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



**Grantee Activity Number: 13-NDRP-017-181**

**Activity Title: HSEMD Administration**

**Activity Type:**

Administration

**Project Number:**

13-DS/Admin

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Homeland Security & Emergency Management

**Organization Type**

State Agency

**Proposed Budget**

\$ 259,248.00

**Location Description:**

**Activity Description:**

Administration to carry out planning activities.

Completed 12/31/2022. Closed 3/31/2023. Deobligated \$38,152.



**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



**Grantee Activity Number: 13-NDRTA-019-185**

**Activity Title: Watershed Phased EA: EOR Iowa, LLC TA**

**Activity Type:**

Administration

**Project Number:**

13-DS/Admin

**Projected Start Date:**

11/01/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 173,590.00

**Location Description:**

Boone, Iowa

**Activity Description:**

EOR was hired to prepare five Programmatic Environmental Assessment in eight HUC-8 watersheds to assess environmental impacts as they relate to the construction water & soil conservation practices. The eight watersheds across Iowa will serve as project sites for the IWA. These are: Upper Iowa River, Upper Wapsipinicon River, Middle Cedar River, Clear Creek, English River, North Raccoon River, West Nishnabotna River, and East Nishnabotna River. Each will leverage a watershed management authority, develop a hydrologic assessment and watershed plan, and implement water and soil conservation projects to reduce the magnitude of





downstream flooding and to improve water quality during and after flood events.

Activity complete. Performance measures have been met and activity has been closed. 3/31/18

Amendment #1: Effective September 11, 2018, re-opened activity. Extended the contract end date by 2 months to December 30, 2018, modified the STATEMENT OF WORK AND BUDGET and increased the budget by \$37,590 for the 12 additional sub-watersheds which were allowed for but not identified in the original RFP and contract.

Activity complete. Performance measures have been met and activity has been closed. 12/31/18

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---

**Grantee Activity Number: 13-NDRTA-020-185**

**Activity Title: Watershed Archaeology Review: EarthView TA**

**Activity Type:**

Administration

**Project Number:**

13-DS/Admin

**Projected Start Date:**

04/27/2017

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Administration

**Projected End Date:**

12/31/2020

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 253,036.00

**Most Impacted and Distressed Budget:** \$ 253,036.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 253,036.00

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 253,036.00

**Location Description:**

City of Coralville

**Activity Description:**

EarthView Environmental, Inc. was contracted to provide technical assistance for the Iowa Watershed Approach, and the watershed infrastructure contracts to implement identified practices. This includes archaeological probability modeling within the 8 identified HUC-8 watersheds (These are: Upper Iowa River, Upper Wapsipinicon River, Middle Cedar River, Clear Creek, English River, North Raccoon River, West Nishnabotna River, and East Nishnabotna River) along with site specific reviews for archaeological resources at each of the proposed practice



locations as locations are selected.

Amendment #1: Effective September 11, 2018, the statement of work/budget has been modified and increased the budget by \$21,950 for the 12 additional sub-watersheds which were allowed for but not identified in the original RFP and contract, and create suitability maps for the original 28 sub-watersheds and the additional 12 sub-watersheds.

Activity completed 8/31/2020. Closed 12/31/2020.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: State Admin**

**Activity Title: State Admin**

**Activity Type:**

Administration

**Project Number:**

13-DS/Admin

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Administration

**Projected End Date:**

03/31/2023

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 2,383,572.00

**Most Impacted and Distressed Budget:** \$ 2,383,572.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 2,383,572.00

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

| Responsible Organization            | Organization Type | Proposed Budget |
|-------------------------------------|-------------------|-----------------|
| Iowa Economic Development Authority | State Agency      | \$ 2,383,572.00 |

**Location Description:**

**Activity Description:**

Administrative functions for the disaster grant.

Effective August 20, 2018 - decreased budget by \$37,590 in order to increase the activity 185 budget under contract 13-NDRTA-019.

Effective September 11, 2018 - decreased budget by \$21,950 in order to increase the activity 185 budget under contract 13-NDRTA-020.

Effective June 1, 2021 - increased budget by \$914 due to clawed back funds at closeout for contract 13-NDRTA-



020.

Effective September 30, 2021 - extended contract end date to 12/31/2022.

Activity closed 6/30/2022.

Activity reopened. Effective November 3, 2022 - increased budget by \$50,051 due to clawed back funds from contract 13-NDRP-017 (\$50K) and 13-NDRI-011 (\$51).

Increased budget by \$38,152 due to clawed back funds from contract 13-NDRP-017. 2/20/2023

Deobligated \$38,203 in unused funds. 3/29/2023

Activity closed 3/31/2023.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---

**Project # / 13-DS/HSG / Housing**



**Grantee Activity Number: 13-NDRH-001-733**

**Activity Title: Dubuque Healthy Homes - Rehab: Single-Unit Rental**

**Activity Type:**

Rehabilitation/reconstruction of residential structures

**Project Number:**

13-DS/HSG

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Low/Mod: Benefit to low- and moderate-income persons/families

**Benefit Report Type:**

Direct (Households)

**Activity Status:**

Completed

**Project Title:**

Housing

**Projected End Date:**

06/30/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 1,181,028.00

**Most Impacted and Distressed Budget:** \$ 1,181,028.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 1,181,028.00

**Program Income Account:**

Dubuque

**Ancillary Activities**

None

**Projected Beneficiaries**

# Renter Households

|                     | <b>Total</b> | <b>Low</b> | <b>Mod</b> | <b>Low/Mod%</b> |
|---------------------|--------------|------------|------------|-----------------|
| # Renter Households | 28           |            | 28         | 100.00          |
| # of Households     | 28           |            | 28         | 100.00          |

# of Households

**Projected Accomplishments**

# of Singlefamily Units

**Total**

28

# of Housing Units

28

# of Targeted Section 3 Labor Hours

# of Section 3 Labor Hours

# of Total Labor Hours

# of Elevated Structures

# of Substantially Rehabilitated Units

# ELI Households (0-30% AMI)

Activity funds eligible for DREF (Ike Only)

#Units with other green

#Units deconstructed



- #Sites re-used
- #Units exceeding Energy Star
- #Units with bus/rail access
- #Low flow showerheads
- #Low flow toilets
- #Units with solar panels
- #Dishwashers replaced
- #Clothes washers replaced
- #Refrigerators replaced
- #Light fixtures (outdoors) replaced
- #Light Fixtures (indoors) replaced
- #Replaced hot water heaters
- #Replaced thermostats
- #Efficient AC added/replaced
- #High efficiency heating plants
- #Additional Attic/Roof Insulation
- #Energy Star Replacement Windows
- # of Properties

**Proposed budgets for organizations carrying out Activity:**

| <b>Responsible Organization</b> | <b>Organization Type</b> | <b>Proposed Budget</b> |
|---------------------------------|--------------------------|------------------------|
| Dubuque                         | Local Government         | \$ 1,181,028.00        |

**Location Description:**

City of Dubuque

**Activity Description:**

Single Unit Residential Rehab

Activity complete. Performance measures have been met & activity has been closed. 8/31/2022

**Environmental Assessment:** COMPLETED

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None



**Grantee Activity Number: 13-NDRH-001-734**

**Activity Title: Dubuque Healthy Homes Rehab:Multi-Unit Residential**

**Activity Type:**

Rehabilitation/reconstruction of residential structures

**Project Number:**

13-DS/HSG

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Low/Mod: Benefit to low- and moderate-income persons/families

**Activity Status:**

Completed

**Project Title:**

Housing

**Projected End Date:**

06/30/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 3,267,312.00

**Most Impacted and Distressed Budget:** \$ 3,267,312.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 3,267,312.00

**Benefit Report Type:**

Direct (Households)

**Ancillary Activities**

None

**Projected Beneficiaries**

|                     | <b>Total</b> | <b>Low</b> | <b>Mod</b> | <b>Low/Mod%</b> |
|---------------------|--------------|------------|------------|-----------------|
| # Renter Households | 104          |            | 104        | 100.00          |
| # of Households     | 104          |            | 104        | 100.00          |

**Projected Accomplishments**

|   | <b>Total</b> |
|---|--------------|
| # of Multifamily Units                      | 104          |
| # of Housing Units                          | 104          |
| # of Targeted Section 3 Labor Hours         |              |
| # of Section 3 Labor Hours                  |              |
| # of Total Labor Hours                      |              |
| # of Elevated Structures                    |              |
| # of Substantially Rehabilitated Units      |              |
| # ELI Households (0-30% AMI)                |              |
| Activity funds eligible for DREF (Ike Only) |              |
| #Units with other green                     |              |
| #Units deconstructed                        |              |





- #Sites re-used
- #Units exceeding Energy Star
- #Units with bus/rail access
- #Low flow showerheads
- #Low flow toilets
- #Units with solar panels
- #Dishwashers replaced
- #Clothes washers replaced
- #Refrigerators replaced
- #Light fixtures (outdoors) replaced
- #Light Fixtures (indoors) replaced
- #Replaced hot water heaters
- #Replaced thermostats
- #Efficient AC added/replaced
- #High efficiency heating plants
- #Additional Attic/Roof Insulation
- #Energy Star Replacement Windows
- # of Properties

**Proposed budgets for organizations carrying out Activity:**

| <b>Responsible Organization</b> | <b>Organization Type</b> | <b>Proposed Budget</b> |
|---------------------------------|--------------------------|------------------------|
| Dubuque                         | Local Government         | \$ 3,267,312.00        |

**Location Description:**

City of Dubuque

**Activity Description:**

Multi-unit residential rehabilitation

Activity complete. Performance measures have been met & activity has been closed. 8/31/2022

**Environmental Assessment:** COMPLETED

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None



**Grantee Activity Number: 13-NDRH-001-971**

**Activity Title: Dubuque Healthy Homes Rehab: Single-Unit Homeowner**

**Activity Type:**

Rehabilitation/reconstruction of residential structures

**Project Number:**

13-DS/HSG

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Low/Mod: Benefit to low- and moderate-income persons/families

**Benefit Report Type:**

Direct (Households)

**Activity Status:**

Completed

**Project Title:**

Housing

**Projected End Date:**

06/30/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 3,675,635.00

**Most Impacted and Distressed Budget:** \$ 3,675,635.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 3,675,635.00

**Program Income Account:**

Dubuque 13-NDRH-001-971

**Ancillary Activities**

None

**Projected Beneficiaries**

# Owner Households

**Total Low Mod Low/Mod%**

188 188 100.00

# of Households

188 188 100.00

**Projected Accomplishments**

# of Singlefamily Units

**Total**

188

# of Housing Units

188

# of Targeted Section 3 Labor Hours

# of Section 3 Labor Hours

# of Total Labor Hours

# of Elevated Structures

# of Substantially Rehabilitated Units

# ELI Households (0-30% AMI)

Activity funds eligible for DREF (Ike Only)

#Units with other green

#Units deconstructed



- #Sites re-used
- #Units exceeding Energy Star
- #Units with bus/rail access
- #Low flow showerheads
- #Low flow toilets
- #Units with solar panels
- #Dishwashers replaced
- #Clothes washers replaced
- #Refrigerators replaced
- #Light fixtures (outdoors) replaced
- #Light Fixtures (indoors) replaced
- #Replaced hot water heaters
- #Replaced thermostats
- #Efficient AC added/replaced
- #High efficiency heating plants
- #Additional Attic/Roof Insulation
- #Energy Star Replacement Windows
- # of Properties

**Proposed budgets for organizations carrying out Activity:**

| <b>Responsible Organization</b> | <b>Organization Type</b> | <b>Proposed Budget</b> |
|---------------------------------|--------------------------|------------------------|
| Dubuque                         | Local Government         | \$ 3,675,635.00        |

**Location Description:**

City of Dubuque

**Activity Description:**

Rehab of owner occupied single family homes

Activity complete. Performance measures have been met & activity has been closed. 8/31/2022

**Environmental Assessment:** COMPLETED

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---

**Project # / 13-DS/INF / Infrastructure**



## Grantee Activity Number: 13-NDRI-002-173

### Activity Title: Watershed Project

**Activity Type:**

Acquisition, construction, reconstruction of public facilities

**Project Number:**

13-DS/INF

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Urgent Need: A community development need having a particular urgency because existing conditions pose a serious and immediate threat to the health and welfare of the community

**Activity Status:**

Completed

**Project Title:**

Infrastructure

**Projected End Date:**

09/30/2022

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:**

**Total Budget:** \$ 10,824,022.00

**Most Impacted and Distressed Budget:** \$ 10,824,022.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 10,824,022.00

**Benefit Report Type:**

Area Benefit (Survey)

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

| Total | Low | Mod | Low/Mod% |
|-------|-----|-----|----------|
|       |     |     | 0.0      |

**Projected Accomplishments**

# of public facilities

| Total |
|-------|
| 166   |

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Benton County

**Organization Type**

Local Government

**Proposed Budget**

\$ 10,824,022.00

**Location Description:**

Target sub-watersheds in the Middle Cedar River Watershed.

**Activity Description:**

Designing and constructing flood mitigation and water quality projects such as ponds, retention basins, terraces, perennial crops, saturated buffers, biodigesters, and soil quality restoration. The location, type and number of installed projects will be based on the hydrological assessment, watershed plan, protection of existing structures, and maximization of peak flow reductions and water quality improvements for the MID-URN areas. One function of installed watershed projects must be for the purpose of providing flood protection for existing structures at risk of flooding. At the conclusion of the Contract, project evaluation of the impact of the watershed projects must include a narrative describing the impact of the installed watershed practices on protection of existing structures at risk of flooding.

**Environmental Assessment:** COMPLETED

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



**Grantee Activity Number: 13-NDRI-003-173**

**Activity Title: Watershed Project**

**Activity Type:**

Acquisition, construction, reconstruction of public facilities

**Project Number:**

13-DS/INF

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Urgent Need: A community development need having a particular urgency because existing conditions pose a serious and immediate threat to the health and welfare of the community

**Activity Status:**

Completed

**Project Title:**

Infrastructure

**Projected End Date:**

06/30/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 2,143,397.00

**Most Impacted and Distressed Budget:** \$ 2,143,397.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 2,143,397.00

**Benefit Report Type:**

Area Benefit (Survey)

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

| Total | Low | Mod | Low/Mod% |
|-------|-----|-----|----------|
|       |     |     | 0.0      |

**Projected Accomplishments**

# of public facilities

| Total |
|-------|
| 59    |

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Buena Vista County

**Organization Type**

Local Government

**Proposed Budget**

\$ 2,143,397.00

**Location Description:**

Target sub-watersheds in the North Raccoon River Watershed.

**Activity Description:**



Designing and constructing flood mitigation and water quality projects such as ponds, retention basins, terraces, perennial crops, saturated buffers, biodigesters, and soil quality restoration. The location, type and number of installed projects will be based on the hydrological assessment, watershed plan, protection of existing structures, and maximization of peak flow reductions and water quality improvements for the MID-URN areas. One function of installed watershed projects must be for the purpose of providing flood protection for existing structures at risk of flooding. At the conclusion of the Contract, project evaluation of the impact of the watershed projects must include a narrative describing the impact of the installed watershed practices on protection of existing structures at risk of flooding.

Activity complete. Performance measures have been met & activity has been closed. 6/30/2022

**Environmental Assessment:** COMPLETED

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



## Grantee Activity Number: 13-NDRI-004-173

### Activity Title: Watershed Project

**Activity Type:**

Acquisition, construction, reconstruction of public facilities

**Project Number:**

13-DS/INF

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Urgent Need: A community development need having a particular urgency because existing conditions pose a serious and immediate threat to the health and welfare of the community

**Activity Status:**

Completed

**Project Title:**

Infrastructure

**Projected End Date:**

06/30/2022

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:**

**Total Budget:** \$ 1,971,990.00

**Most Impacted and Distressed Budget:** \$ 1,971,990.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 1,971,990.00

**Benefit Report Type:**

Area Benefit (Survey)

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

| Total | Low | Mod | Low/Mod% |
|-------|-----|-----|----------|
|       |     |     | 0.0      |

**Projected Accomplishments**

# of public facilities

| Total |
|-------|
| 32    |

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Fremont County

**Organization Type**

State Agency

**Proposed Budget**

\$ 1,971,990.00

**Location Description:**

Target sub-watersheds in the East Nishnabotna River Watershed.

The location, type and number of installed projects will be based on the hydrological assessment, watershed plan, protection of existing structures, and maximization of peak flow reductions and water quality improvements for the MID-URN areas.





One function of installed watershed projects must be for the purpose of providing flood protection for existing structures at risk of flooding. At the conclusion of the Contract, project evaluation of the impact of the watershed projects must include a narrative describing the impact of the installed watershed practices on protection of existing structures at risk of flooding.

**Activity Description:**

Designing and constructing flood mitigation and water quality projects such as ponds, retention basins, terraces, perennial crops, saturated buffers, biodigesters, and soil quality restoration.

Performance measures have been met and activity has been closed. 6/30/2022.

**Environmental Assessment:** COMPLETED

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



## Grantee Activity Number: 13-NDRI-005-173

### Activity Title: Watershed Project

**Activity Type:**

Acquisition, construction, reconstruction of public facilities

**Project Number:**

13-DS/INF

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Urgent Need: A community development need having a particular urgency because existing conditions pose a serious and immediate threat to the health and welfare of the community

**Activity Status:**

Completed

**Project Title:**

Infrastructure

**Projected End Date:**

06/30/2022

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:**

**Total Budget:** \$ 3,377,433.00

**Most Impacted and Distressed Budget:** \$ 3,377,433.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 3,377,433.00

**Benefit Report Type:**

Area Benefit (Survey)

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

| Total | Low | Mod | Low/Mod% |
|-------|-----|-----|----------|
|       |     |     | 0.0      |

**Projected Accomplishments**

# of public facilities

| Total |
|-------|
| 79    |

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Howard County

**Organization Type**

Local Government

**Proposed Budget**

\$ 3,377,433.00

**Location Description:**

Target sub-watersheds in the Upper Wapsipinicon River Watershed.

**Activity Description:**

Designing and constructing flood mitigation and water quality projects such as ponds, retention basins, terraces, perennial crops, saturated buffers, biodigesters, and soil quality restoration. The location, type and number of installed projects will be based on the hydrological assessment, watershed plan, protection of existing structures, and maximization of peak flow reductions and water quality improvements for the MID-URN areas. One function of installed watershed projects must be for the purpose of providing flood protection for existing structures at risk of flooding. At the conclusion of the Contract, project evaluation of the impact of the watershed projects must include a narrative describing the impact of the installed watershed practices on protection of existing structures at risk of flooding.

**Environmental Assessment:** COMPLETED

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



## Grantee Activity Number: 13-NDRI-006-173

### Activity Title: Watershed Project

**Activity Type:**

Acquisition, construction, reconstruction of public facilities

**Project Number:**

13-DS/INF

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Urgent Need: A community development need having a particular urgency because existing conditions pose a serious and immediate threat to the health and welfare of the community

**Activity Status:**

Completed

**Project Title:**

Infrastructure

**Projected End Date:**

06/30/2022

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:**

**Total Budget:** \$ 4,829,969.00

**Most Impacted and Distressed Budget:** \$ 4,829,969.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 4,829,969.00

**Benefit Report Type:**

Area Benefit (Survey)

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

| Total | Low | Mod | Low/Mod% |
|-------|-----|-----|----------|
|       |     |     | 0.0      |

**Projected Accomplishments**

# of public facilities

| Total |
|-------|
| 97    |

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Iowa County

**Organization Type**

Local Government

**Proposed Budget**

\$ 4,829,969.00

**Location Description:**

Target sub-watersheds in the English River Watershed.

**Activity Description:**

Designing and constructing flood mitigation and water quality projects such as ponds, retention basins, terraces, perennial crops, saturated buffers, biodigesters, and soil quality restoration. The location, type and number of installed projects will be based on the hydrological assessment, watershed plan, protection of existing structures, and maximization of peak flow reductions and water quality improvements for the MID-URN areas. One function of installed watershed projects must be for the purpose of providing flood protection for existing structures at risk of flooding. At the conclusion of the Contract, project evaluation of the impact of the watershed projects must include a narrative describing the impact of the installed watershed practices on protection of existing structures at risk of flooding.

**Environmental Assessment:** COMPLETED

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---

## Grantee Activity Number: 13-NDRI-007-173

### Activity Title: Watershed Project

**Activity Type:**

Acquisition, construction, reconstruction of public facilities

**Project Number:**

13-DS/INF

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Urgent Need: A community development need having a particular urgency because existing conditions pose a serious and immediate threat to the health and welfare of the community

**Activity Status:**

Completed

**Project Title:**

Infrastructure

**Projected End Date:**

12/31/2022

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:**

**Total Budget:** \$ 4,054,886.00

**Most Impacted and Distressed Budget:** \$ 4,054,886.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 4,054,886.00

**Benefit Report Type:**

Area Benefit (Survey)

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

**Total**

**Low**

**Mod**

**Low/Mod%**

0.0

**Projected Accomplishments**

# of public facilities

**Total**

72

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Johnson County

**Organization Type**

Unknown

**Proposed Budget**

\$ 4,054,886.00

**Location Description:**

Target sub-watersheds in the Clear Creek Watershed.

**Activity Description:**

Designing and constructing flood mitigation and water quality projects such as ponds, retention basins, terraces, perennial crops, saturated buffers, biodigesters, and soil quality restoration. The location, type and number of installed projects will be based on the hydrological assessment, watershed plan, protection of existing structures, and maximization of peak flow reductions and water quality improvements for the MID-URN areas. One function of installed watershed projects must be for the purpose of providing flood protection for existing structures at risk of flooding. At the conclusion of the Contract, project evaluation of the impact of the watershed projects must include a narrative describing the impact of the installed watershed practices on protection of existing structures at risk of flooding.

Completed 12/31/2022. Closed 3/31/2023. Deobligated \$125,023.

**Environmental Assessment:** COMPLETED

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



## Grantee Activity Number: 13-NDRI-008-173

### Activity Title: Watershed Project

**Activity Type:**

Acquisition, construction, reconstruction of public facilities

**Project Number:**

13-DS/INF

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Urgent Need: A community development need having a particular urgency because existing conditions pose a serious and immediate threat to the health and welfare of the community

**Activity Status:**

Completed

**Project Title:**

Infrastructure

**Projected End Date:**

09/30/2022

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:**

**Total Budget:** \$ 4,668,211.00

**Most Impacted and Distressed Budget:** \$ 4,668,211.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 4,668,211.00

**Benefit Report Type:**

Area Benefit (Survey)

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

| Total | Low | Mod | Low/Mod% |
|-------|-----|-----|----------|
|       |     |     | 0.0      |

**Projected Accomplishments**

# of public facilities

| Total |
|-------|
| 90    |

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Mills County

**Organization Type**

Local Government

**Proposed Budget**

\$ 4,668,211.00

**Location Description:**

Target sub-watersheds in the West Nishnabotna River Watershed.

**Activity Description:**



Designing and constructing flood mitigation and water quality projects such as ponds, retention basins, terraces, perennial crops, saturated buffers, biodigesters, and soil quality restoration. The location, type and number of installed projects will be based on the hydrological assessment, watershed plan, protection of existing structures, and maximization of peak flow reductions and water quality improvements for the MID-URN areas. One function of installed watershed projects must be for the purpose of providing flood protection for existing structures at risk of flooding. At the conclusion of the Contract, project evaluation of the impact of the watershed projects must include a narrative describing the impact of the installed watershed practices on protection of existing structures at risk of flooding.

**Environmental Assessment:** COMPLETED

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---

## Grantee Activity Number: 13-NDRI-009-173

### Activity Title: Watershed Project

**Activity Type:**

Acquisition, construction, reconstruction of public facilities

**Project Number:**

13-DS/INF

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Urgent Need: A community development need having a particular urgency because existing conditions pose a serious and immediate threat to the health and welfare of the community

**Activity Status:**

Completed

**Project Title:**

Infrastructure

**Projected End Date:**

10/31/2022

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:**

**Total Budget:** \$ 5,349,245.00

**Most Impacted and Distressed Budget:** \$ 5,349,245.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 5,349,245.00

**Benefit Report Type:**

Area Benefit (Survey)

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

| Total | Low | Mod | Low/Mod% |
|-------|-----|-----|----------|
|       |     |     | 0.0      |

**Projected Accomplishments**

# of public facilities

| Total |
|-------|
| 102   |

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Winneshiek County

**Organization Type**

Unknown

**Proposed Budget**

\$ 5,349,245.00

**Location Description:**

Target sub-watersheds in the Upper Iowa River Watershed.

**Activity Description:**

Designing and constructing flood mitigation and water quality projects such as ponds, retention basins, terraces, perennial crops, saturated buffers, biodigesters, and soil quality restoration. The location, type and number of installed projects will be based on the hydrological assessment, watershed plan, protection of existing structures, and maximization of peak flow reductions and water quality improvements for the MID-URN areas. One function of installed watershed projects must be for the purpose of providing flood protection for existing structures at risk of flooding. At the conclusion of the Contract, project evaluation of the impact of the watershed projects must include a narrative describing the impact of the installed watershed practices on protection of existing structures at risk of flooding.

Completed 10/31/2022. Closed 1/31/2023.

**Environmental Assessment:** COMPLETED

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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## Grantee Activity Number: 13-NDRI-010-69

### Activity Title: Coralville Infrastructure

**Activity Type:**

Construction/reconstruction of water/sewer lines or systems

**Project Number:**

13-DS/INF

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Low/Mod: Benefit to low- and moderate-income persons/families

**Activity Status:**

Completed

**Project Title:**

Infrastructure

**Projected End Date:**

06/30/2018

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:**

**Total Budget:** \$ 1,834,800.00

**Most Impacted and Distressed Budget:** \$ 1,834,800.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 1,834,800.00

**Benefit Report Type:**

Area Benefit (Survey)

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

**Total**

9050

**Low**

**Mod**

5045

**Low/Mod%**

55.75

**Projected Accomplishments**

# of public facilities

**Total**

2

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Coralville

**Organization Type**

Unknown

**Proposed Budget**

\$ 1,834,800.00

**Location Description:**

178 acres of businesses and multi-family residences in a vulnerable LMI area along Clear Creek in Coralville.

**Activity Description:**

Storm Sewer Improvements to two Coralville Pump Stations. Raise weir walls; add back-flow prevention; add back-up power and misc. controls/gates.



Activity complete. Performance measures have been met & activity has been closed. 6/30/2018.

**Environmental Assessment:** COMPLETED

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRI-011-69**

**Activity Title: Dubuque Infrastructure**

**Activity Type:**  
Construction/reconstruction of water/sewer lines or systems

**Project Number:**  
13-DS/INF

**Projected Start Date:**  
10/11/2016

**Project Draw Block by HUD:**  
Not Blocked

**Activity Draw Block by HUD:**  
Not Blocked

**Block Drawdown By Grantee:**  
Not Blocked

**National Objective:**  
Low/Mod: Benefit to low- and moderate-income persons/families

**Benefit Report Type:**  
Area Benefit (Survey)

**Activity Status:**  
Completed

**Project Title:**  
Infrastructure

**Projected End Date:**  
06/30/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 24,868,295.00

**Most Impacted and Distressed Budget:** \$ 24,868,295.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 24,868,295.00

**Ancillary Activities**

None

| Projected Beneficiaries | Total | Low | Mod   | Low/Mod% |
|-------------------------|-------|-----|-------|----------|
| # of Persons            | 18100 |     | 12260 | 67.73    |

| Projected Accomplishments                   | Total |
|---|-------|
| # of Targeted Section 3 Labor Hours         |       |
| # of Section 3 Labor Hours                  |       |
| # of Total Labor Hours                      |       |
| Activity funds eligible for DREF (Ike Only) |       |
| # of Linear miles of Public Improvement     |       |
| # of Linear feet of Public Improvement      |       |
| # of public facilities                      | 3     |

**Proposed budgets for organizations carrying out Activity:**

| Responsible Organization | Organization Type | Proposed Budget  |
|--------------------------|-------------------|------------------|
| Dubuque                  | Local Government  | \$ 24,868,295.00 |



**Location Description:**

At the base of Bee Branch Watershed.  
22nd Street and Kaufmann Ave.  
17th and West Locust Streets.

**Activity Description:**

Improvements to the storm sewer system that impact the Bee Branch watershed area.  
Install six - 8' dia. culverts.  
Install a 10' x 6' RCB storm sewer.  
Install a 96" dia. storm pipe, a 10' x 5' RCB and a 10' x 4' RCB storm sewer.

Activity complete. Performance measures have been met & activity has been closed. 6/30/2022

**Environmental Assessment:** COMPLETED

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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# Grantee Activity Number: 13-NDRI-012-55

## Activity Title: Storm Lake Infrastructure

**Activity Type:**

Rehabilitation/reconstruction of a public improvement

**Project Number:**

13-DS/INF

**Projected Start Date:**

10/10/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Low/Mod: Benefit to low- and moderate-income persons/families

**Activity Status:**

Completed

**Project Title:**

Infrastructure

**Projected End Date:**

12/31/2022

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:**

**Total Budget:** \$ 1,349,042.00

**Most Impacted and Distressed Budget:** \$ 1,349,042.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 1,349,042.00

**Benefit Report Type:**

Area Benefit (Survey)

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

**Total**

**Low**

**Mod**

**Low/Mod%**

10600

6390

60.28

**Projected Accomplishments**

# of Targeted Section 3 Labor Hours

# of Section 3 Labor Hours

# of Total Labor Hours

# of Elevated Structures

Activity funds eligible for DREF (Ike Only)

# of cable feet of public utility

# of Linear miles of Public Improvement

# of Linear feet of Public Improvement

**Total**

18200

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

**Organization Type**

**Proposed Budget**





**Location Description:**

- 1. 1st & Mae Street, City of Storm Lake
- 2. 7th & Geneseo Street, City of Storm Lake
- 3. Tulip-Rose-Violet Lane, and 7th Street, City of Storm Lake

**Activity Description:**

Improvements to the sanitary sewer system at 3 locations within the City of Storm Lake.

- 1. CIPP lining of 3,500 lf of 24" and 3,200 lf of 18" sanitary sewers.
- 2. Replace 10" trunk sewer with 15" sewer line
- 3. Lining app. 11,500 LF sewer and repair 42 manholes.

Completed 12/31/2022. Closed 3/31/2023.

**Environmental Assessment:** COMPLETED

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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## Grantee Activity Number: 13-NDRI-012-69

### Activity Title: Storm Lake Infrastructure

**Activity Type:**

Construction/reconstruction of water/sewer lines or systems

**Project Number:**

13-DS/INF

**Projected Start Date:**

10/10/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Low/Mod: Benefit to low- and moderate-income persons/families

**Benefit Report Type:**

Area Benefit (Survey)

**Activity Status:**

Completed

**Project Title:**

Infrastructure

**Projected End Date:**

12/31/2022

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:**

**Total Budget:** \$ 5,115,281.00

**Most Impacted and Distressed Budget:** \$ 5,115,281.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 5,115,281.00

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

**Total**

10600

**Low**

**Mod**

6390

**Low/Mod%**

60.28

**Projected Accomplishments**

# of public facilities

**Total**

6

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

City of Storm Lake

**Organization Type**

Local Government

**Proposed Budget**

\$ 5,115,281.00

**Location Description:**

1. Seneca & Spooner
2. 4th & Oats Street
3. North Central Ph. 3 - Tulip Lane
4. 10th & Ontario
5. E 4th & Barton
6. Wetland Pond at site of WWTP



All locations within City of Storm Lake.

**Activity Description:**

Improvements to the storm sewer system at 6 locations within the City of Storm Lake.

1. Replace storm sewers with pervious pavers, bio cells and bio swales. Remove asphalt & reconstruct streets with pervious pavement, bio swales & bio filtration cells to convey stormwater to Poor Farm Creek.
2. Replace 320 LF of Storm Sewer with biocells.
3. Storm sewer replacement incl. installation of subdrain and sediment separator, cleanout of drainage ditch. Install additional 703 SYD subbase, 356 LFT subdrain, 616 SYD pavement, 313 SYD sod.
4. Replace storm sewer with bio cells, ponds and a water channel.
5. Replace storm sewer with permeable pavers and bio cells.
6. Construct wetland pond with three wetland restorers to handle stormwater.

Completed 12/31/2022. Closed 3/31/2023. Deobligated \$10,427.

**Environmental Assessment:** COMPLETED

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Project # / 13-DS/LTC-Long Term Commitment / Long Term Commitment**



**Grantee Activity Number: 13-NDRLTC-001-310-01**

**Activity Title: Dubuque LTC Watershed Improvements**

**Activity Type:**

NDR - Long Term Commitment

**Project Number:**

13-DS/LTC-Long Term Commitment

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Long Term Commitment

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

City of Dubuque

**Activity Description:**

Dubuque is committed to a more resilient future and is putting in place infrastructure, policies, and funding mechanisms to meet these goals. This combination of policy and investment, informed by the development of the city's Drainage Basin Master Plan, disaster experiences, and data from the IFC, form the basis of Dubuque's watershed approach to flood management. Dubuque received \$98M from the Iowa Flood Mitigation Board and combined with local and federal assistance is investing over \$200 million in improvements.



Performance measures have been met & activity has been closed. 1/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRLTC-001-310-02**

**Activity Title: Dubuque LTC Disaster Workbooks**

**Activity Type:**

NDR - Long Term Commitment

**Project Number:**

13-DS/LTC-Long Term Commitment

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

City of Dubuque

**Activity Description:**

In 2014, the Community Foundation of Greater Dubuque (CFGD) joined The Funders' Network Philanthropic Preparedness, Resiliency, & Emergency Partnership (PPREP). The group's purpose is to build community foundation leadership and capacity to create more resilient communities. The CFGD already prepared five disaster preparedness workbooks for Dubuque County and four affiliate counties. CFGD staff attended multiple events and learned alongside peer organizations about disaster preparedness and response. CFGD's understanding, skill, and capacity have helped to position them to assist local communities as they prepare for,



respond to, and recover from potential natural disasters.

Performance measures have been met & activity has been closed. 1/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRLTC-001-310-03**

**Activity Title: NFIP Standards**

**Activity Type:**

NDR - Long Term Commitment

**Project Number:**

13-DS/LTC-Long Term Commitment

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

Statewide

**Activity Description:**

All Iowa communities that participate in the NFIP observe the state standard of the 100-year water surface elevation plus one foot. Several communities in the target watersheds have adopted higher requirements. Communities exceeding the NFIP standard help reduce the impact of flooding events in the state. Performance measures have been met & activity has been closed. 1/31/17.





**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRLTC-001-310-04**

**Activity Title: Iowa State Energy Plan**

**Activity Type:**

NDR - Long Term Commitment

**Project Number:**

13-DS/LTC-Long Term Commitment

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Long Term Commitment

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

Statewide

**Activity Description:**

Iowa is a leader in the production of renewable energy—both wind energy and biofuels—and the state has a long history of supporting innovation in clean energy through a suite of state policies. For example, tax credits are available for eligible facilities that produce and/or sell wind energy. Iowa ranks 3rd in the U.S. in wind production; over 28% of the energy produced in Iowa comes from wind turbines. Iowa is also the nation's leading biofuels producer." Iowa is in the process of completing its first state energy plan. The plan is a means to set state priorities and provide strategic guidance for decision-making while working to encourage energy,



economic, and environmental benefits through the goals and recommendations it sets forth. Performance measures have been met & activity has been closed. 1/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRLTC-001-310-05**

**Activity Title: DOT Design Standards**

**Activity Type:**

NDR - Long Term Commitment

**Project Number:**

13-DS/LTC-Long Term Commitment

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Long Term Commitment

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

Iowa State University

**Activity Description:**

The Iowa DOT participates in the FHWA's pilot program to assess and evaluate the vulnerability of six highway/bridge locations in central Iowa using 19 global climate change models. Iowa State University (ISU) led the research in partnership with the IFC. The models were used to simulate peak discharges using a hydrologic model that creates future flow rates for consideration of design guidelines or methodologies. Bridge updates to be constructed in 2016 will feature a design that increases resiliency to increasing patterns of extreme weather events.



Performance measures have been met & activity has been closed. 1/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRLTC-001-310-08**

**Activity Title: Iowa Flood Mitigation Board Legislation**

**Activity Type:**

NDR - Long Term Commitment

**Project Number:**

13-DS/LTC-Long Term Commitment

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Long Term Commitment

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

Statewide

**Activity Description:**

The State of Iowa created the Flood Mitigation Board in 2012 - the board is charged with creating a Flood Mitigation Program for Iowa. The Flood Mitigation board supports projects that reduce flooding and improve water quality. To date, Iowa has allocated \$660M to the Iowa Flood Mitigation Board for flood mitigation activities across Iowa. Performance measures have been met & activity has been closed. 1/31/17.



**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRLTC-001-310-09**

**Activity Title: Iowa Nutrient Reduction Strategy**

**Activity Type:**

NDR - Long Term Commitment

**Project Number:**

13-DS/LTC-Long Term Commitment

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Long Term Commitment

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

Statewide

**Activity Description:**

Iowa finalized its Iowa Nutrient Reduction Strategy in 2013. Iowa also passed new legislation that year forming a new Iowa Nutrient Research Center (INRC). The state funds the INRC at \$1.3M/year to evaluate the performance of current and emerging nutrient management practices. In addition to applied research projects, INRC supports the operation of a real-time continuous water-quality monitoring network and online information system to distribute nutrient data to the general public, producers, and agencies. State funding of \$1.3 million per year enables the INRC network and information system to ensure that programmatic funding invested in





conservation practices in Iowa will measurably benefit water-quality improvement. Performance measures have been met & activity has been closed. 1/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



**Grantee Activity Number: 13-NDRLTC-001-310-10**

**Activity Title: Watershed Management Authority Legislation**

**Activity Type:**

NDR - Long Term Commitment

**Project Number:**

13-DS/LTC-Long Term Commitment

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Long Term Commitment

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

Statewide

**Activity Description:**

In 2010, Iowa passed legislation authorizing the creation of Watershed Management Authorities (WMAs) as a mechanism for cities, counties, Soil and Water Conservation Districts (SWCDs), and other stakeholders to engage in cooperative watershed planning and management, especially as related to decreasing flooding and improving water quality. The IDNR helps WMAs through formation and with other assistance.

Performance measures have been met & activity has been closed. 1/31/17.



**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRLTC-001-310-11****Activity Title: IDALS Water Quality Initiative****Activity Type:**

NDR - Long Term Commitment

**Project Number:**

13-DS/LTC-Long Term Commitment

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:****Activity Description:**

The Iowa Nutrient Reduction Strategy (INRS), developed in 2013 as a science-based approach to nutrient management, further demonstrates Iowa's commitment to the improvement of water quality, especially in response to the Gulf Hypoxia Action Plan's goal of 45% reduction in riverine N and P load. State- and federally-funded projects are underway in nine priority watersheds. In 2015, the state allocated \$9.6M to the Iowa Department of Agriculture and Land Stewardship for its Water Quality Initiative (WQI). State funding of \$9.6 million per year enables INRC to support nutrient management project in the state.



Performance measures have been met & activity has been closed. 1/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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## Grantee Activity Number: 13-NDRLTC-001-310-12

### Activity Title: Flood Insurance Rate Maps

**Activity Type:**

NDR - Long Term Commitment

**Project Number:**

13-DS/LTC-Long Term Commitment

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Long Term Commitment

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

Statewide

**Activity Description:**

The IFC and Iowa Department of Natural Resources (IDNR) began updating 100- and 500-year floodplain boundaries throughout Iowa in 2010. In many counties, these data are being used to create new Flood Insurance Rate Maps (FIRMs) for use with the National Flood Insurance Program (NFIP). In areas where FEMA does not have capacity to review and adopt the data, the IDNR and other stakeholders are using floodplain boundaries for management and planning. Efforts to update floodplain boundaries improve the effectiveness of management and planning activities.



Performance measures have been met & activity has been closed. 1/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRLTC-001-310-13**

**Activity Title: IDNR LTC Watershed Assistance**

**Activity Type:**

NDR - Long Term Commitment

**Project Number:**

13-DS/LTC-Long Term Commitment

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Long Term Commitment

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

Statewide

**Activity Description:**

The IDNR has provided \$500K in direct financial assistance to help WMAs develop comprehensive watershed management plans. IDNR staff members also help develop proposals, interpret data, give presentations, and offer GIS and mapping services. Performance measures have been met & activity has been closed. 1/31/17.





**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRLTC-001-310-14**

**Activity Title: Flood Risk Reports LTC**

**Activity Type:**

NDR - Long Term Commitment

**Project Number:**

13-DS/LTC-Long Term Commitment

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Long Term Commitment

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

Middle Cedar, North Raccoon, and East and West Nishnabotna Watersheds

**Activity Description:**

Four of the target watersheds have new planning documents to better prepare for future flooding. The Middle Cedar, North Raccoon, and East and West Nishnabotna Watersheds all finished the drafts or final versions of their "Flood Risk Reports" in 2015. These reports provide non-regulatory information to help local or tribal officials, floodplain managers, planners, emergency managers, and others better understand their flood risk, take steps to mitigate risks, and communicate those risks."Four watersheds have completed Flood Risk Reports. The reports benefit these watersheds and will also serve as a model for other watersheds participating



the project.  
Performance measures have been met & activity has been closed. 1/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDR TLC-001-310-06**

**Activity Title: Dubuque Design Standards**

**Activity Type:**

NDR - Long Term Commitment

**Project Number:**

13-DS/LTC-Long Term Commitment

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Long Term Commitment

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

City of Dubuque

**Activity Description:**

Dubuque has implemented improved and consistent design standards and specifications for infrastructure, including storm drainage and sanitary sewer systems. The Statewide Urban Design and Specification Standards (SUDAS), as adopted in 2014, provide engineers, developers, and contractors with tools to increase sustainability and strengthen infrastructure. The SUDAS standards are subject to annual review and amended to reflect increased understanding of storm events and best practices. These standards are an ongoing pathway to strengthen infrastructure.



Performance measures have been met & activity has been closed. 1/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDR TLC-001-310-07**

**Activity Title: Iowa Flood Center Legislation**

**Activity Type:**

NDR - Long Term Commitment

**Project Number:**

13-DS/LTC-Long Term Commitment

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Long Term Commitment

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

Statewide

**Activity Description:**

Lawmakers established the Iowa Flood Center (IFC) at the University of Iowa, devoted solely to flood-related research and education. The state funds the IFC at \$1.5M/year. Early IFC successes include: more than doubling the number of stream-stage sensors in the state; developing an easy-to-use online visualization platform for monitoring precipitation and flooding in real time; updating floodplain maps for most of the state using high-resolution LiDAR data (complete in 2017); and developing flood inundation maps for many vulnerable river communities. The Iowa Flood Center benefits the state through flood-related research and education.



Performance measures have been met & activity has been closed. 1/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Project # / 13-DS/OV-Outcome Values / Outcome Values**



**Grantee Activity Number: 13-NDRH-001-311-01**

**Activity Title: Dubuque Outcome Value-Median Property Value**

**Activity Type:**

NDR - Economic Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

01/21/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Outcome Values

**Projected End Date:**

06/30/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Projected Accomplishments**

\$ Median property value of homes retrofitted with resiliency measures

**Total**

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Dubuque

Iowa Economic Development Authority

**Organization Type**

Local Government

State Agency

**Proposed Budget**

\$ 0.00

\$ 0.00

**Location Description:**

Bee Branch Watershed

**Activity Description:**





Control the decrease in property values within the project area.  
Property value of the homes will be collected for the NDR eligible area from the City of Dubuque Assessor. Values will be tracked annually to determine if there is a decrease in property values within the project area. The projected outcome is to not have a decrease in property values as a result of the project. This outcome value is associated with the overall NDR project.

Completed 6/30/2022. Closed 8/31/2022.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



**Grantee Activity Number: 13-NDRH-001-311-02**

**Activity Title: City of Dubuque Outcome Value-Asthma Occurrences**

**Activity Type:**

NDR - Environmental Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

09/18/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

| Responsible Organization            | Organization Type | Proposed Budget |
|-------------------------------------|-------------------|-----------------|
| Dubuque                             | Local Government  | \$ 0.00         |
| Iowa Economic Development Authority | State Agency      | \$ 0.00         |

**Location Description:**

Bee Branch Watershed

**Activity Description:**

The projected outcome will be to reduce the number of asthma related incidents in schools by 5 percent. The city currently gathers asthma occurrence data from school nurses and will assess this data in relation to the project area. An asthma occurrence is any visit to the school nurse that is documented as asthma related.



Baseline was collected in the 2015-16 school year. Will report annually. This outcome value is associated with the overall NDR project.

The goal for this outcome value was achieved in the prior year and will be closed. 12/31/2019

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRH-001-311-03**

**Activity Title: City of Dubuque Outcome Value-Home Retrofits**

**Activity Type:**

NDR - Resilience Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

09/18/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Outcome Values

**Projected End Date:**

06/30/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Projected Accomplishments**

# of homes retrofitted with resiliency measures

**Total**

320

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Dubuque

Iowa Economic Development Authority

**Organization Type**

Local Government

State Agency

**Proposed Budget**

\$ 0.00

\$ 0.00

**Location Description:**

Bee Branch Watershed

**Activity Description:**



Install measures such as foundation repairs, mold and mildew remediation, sump pumps and others to advance the seven principles of a healthy home. Quantify the number of homes completed as part of draw process progress report. Will report quarterly. Baseline is zero. The projected outcome is 320 homes. This outcome value is associated with the overall NDR project.

Completed 6/30/2022. Closed 8/31/2022.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRH-001-311-04**

**Activity Title: City of Dubuque Outcome Value-Home Consultations**

**Activity Type:**

NDR - Social Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

09/18/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Outcome Values

**Projected End Date:**

06/30/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Projected Accomplishments**

# of home resiliency consultations completed

**Total**

107

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Dubuque

Iowa Economic Development Authority

**Organization Type**

Local Government

State Agency

**Proposed Budget**

\$ 0.00

\$ 0.00

**Location Description:**

Bee Branch Watershed

**Activity Description:**



Educate residents and identify areas of further need. Home advocates will provide educational material and work with residents to complete a resiliency survey. Will report annually on the number of visits completed. The baseline is zero homes and the projection is to survey 107 homes. This outcome value is associated with the overall NDR project.

Completed 6/30/2022. Closed 8/31/2022.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDROV-001-311-01****Activity Title: Dubuque LTC Watershed****Activity Type:**

NDR - Resilience Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Outcome Values

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:****Total Budget:** \$ 0.00**Most Impacted and Distressed Budget:** \$ 0.00**Other Funds:** \$ 0.00**Total Funds:** \$ 0.00**Ancillary Activities**

None

**Projected Accomplishments**

\$ Funds allocated for water management/flood mitigation improvements

**Total**

200000000

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

City of Dubuque

**Activity Description:**

Dubuque is committed to a more resilient future and is putting in place infrastructure, policies, and funding mechanisms to meet these goals. This combination of policy and investment, informed by the development of the city's Drainage Basin Master Plan, disaster experiences, and data from the IFC, form the basis of Dubuque's watershed approach to flood management. Dubuque received \$98M from the Iowa Flood Mitigation Board and





combined with local and federal assistance is investing over \$200 million in improvements. Performance measures have been met & activity has been closed. 1/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDROV-001-311-02****Activity Title: Dubuque LTC Disaster Workbooks****Activity Type:**

NDR - Resilience Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Outcome Values

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:****Total Budget:** \$ 0.00**Most Impacted and Distressed Budget:** \$ 0.00**Other Funds:** \$ 0.00**Total Funds:** \$ 0.00**Ancillary Activities**

None

**Projected Accomplishments**

# of disaster recovery plans completed

**Total**

1

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

City of Dubuque

**Activity Description:**

In 2014, the Community Foundation of Greater Dubuque (CFGD) joined The Funders? Network Philanthropic Preparedness, Resiliency, & Emergency Partnership (PPREP). The group?s purpose is to build community foundation leadership and capacity to create more resilient communities. The CFGD already prepared five disaster preparedness workbooks for Dubuque County and four affiliate counties. CFGD staff attended multiple



events and learned alongside peer organizations about disaster preparedness and response. CFGD's understanding, skill, and capacity have helped to position them to assist local communities as they prepare for, respond to, and recover from potential natural disasters.  
Performance measures have been met & activity has been closed. 1/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDROV-001-311-03****Activity Title: NFIP Standards****Activity Type:**

NDR - Resilience Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Outcome Values

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:****Total Budget:** \$ 0.00**Most Impacted and Distressed Budget:** \$ 0.00**Other Funds:** \$ 0.00**Total Funds:** \$ 0.00**Ancillary Activities**

None

**Projected Accomplishments**

# of communities with standards exceeding NFIP

**Total**

663

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

Statewide

**Activity Description:**

All Iowa communities that participate in the NFIP observe the state standard of the 100-year water surface elevation plus one foot. Several communities in the target watersheds have adopted higher requirements. Communities exceeding the NFIP standard help reduce the impact of flooding events in the state.

Performance measures have been met & activity has been closed. 1/31/17.



**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDROV-001-311-04**

**Activity Title: State of Iowa Energy Plan**

**Activity Type:**

NDR - Resilience Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Outcome Values

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Projected Accomplishments**

# of energy plans completed

**Total**

1

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

Statewide

**Activity Description:**

Iowa is a leader in the production of renewable energy?both wind energy and biofuels?and the state has a long history of supporting innovation in clean energy through a suite of state policies. For example, tax credits are available for eligible facilities that produce and/or sell wind energy. Iowa ranks 3rd in the U.S. in wind production; over 28% of the energy produced in Iowa comes from wind turbines. Iowa is also the nation?s



leading biofuels producer." Iowa is in the process of completing its first state energy plan. The plan is a means to set state priorities and provide strategic guidance for decision-making while working to encourage energy, economic, and environmental benefits through the goals and recommendations it sets forth.  
Performance measures have been met & activity has been closed. 1/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDROV-001-311-05**

**Activity Title: DOT Design Standards**

**Activity Type:**

NDR - Resilience Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Outcome Values

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Projected Accomplishments**

# of infrastructure design standards updated

**Total**

1

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

Iowa State University

**Activity Description:**

The Iowa DOT participates in the FHWA's pilot program to assess and evaluate the vulnerability of six highway/bridge locations in central Iowa using 19 global climate change models. Iowa State University (ISU) led the research in partnership with the IFC. The models were used to simulate peak discharges using a hydrologic model that creates future flow rates for consideration of design guidelines or methodologies. Bridge updates to





be constructed in 2016 will feature a design that increases resiliency to increasing patterns of extreme weather events  
Performance measures have been met & activity has been closed. 1/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



**Grantee Activity Number: 13-NDROV-001-311-06****Activity Title: Dubuque Design Standards****Activity Type:**

NDR - Resilience Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Outcome Values

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:****Total Budget:** \$ 0.00**Most Impacted and Distressed Budget:** \$ 0.00**Other Funds:** \$ 0.00**Total Funds:** \$ 0.00**Ancillary Activities**

None

**Projected Accomplishments**

# of infrastructure design standards updated

**Total**

1

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

City of Dubuque

**Activity Description:**

Dubuque has implemented improved and consistent design standards and specifications for infrastructure, including storm drainage and sanitary sewer systems. The Statewide Urban Design and Specification Standards (SUDAS), as adopted in 2014, provide engineers, developers, and contractors with tools to increase sustainability and strengthen infrastructure. The SUDAS standards are subject to annual review and amended to



reflect increased understanding of storm events and best practices. These standards are an ongoing pathway to strengthen infrastructure.

Performance measures have been met & activity has been closed. 1/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



**Grantee Activity Number: 13-NDROV-001-311-07**

**Activity Title: Iowa Flood Center Legislation**

**Activity Type:**

NDR - Resilience Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Outcome Values

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Projected Accomplishments**

# of legislative actions taken to improve resiliency

**Total**

1

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

Statewide

**Activity Description:**

Lawmakers established the Iowa Flood Center (IFC) at the University of Iowa, devoted solely to flood-related research and education. The state funds the IFC at \$1.5M/year. Early IFC successes include: more than doubling the number of stream-stage sensors in the state; developing an easy-to-use online visualization platform for monitoring precipitation and flooding in real time; updating floodplain maps for most of the state using high-



resolution LiDAR data (complete in 2017); and developing flood inundation maps for many vulnerable river communities. The Iowa Flood Center benefits the state through flood-related research and education. Performance measures have been met & activity has been closed. 1/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---

## Grantee Activity Number: 13-NDROV-001-311-08

### Activity Title: Iowa Flood Mitigation Board Legislation

**Activity Type:**

NDR - Resilience Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Outcome Values

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:****Total Budget:** \$ 0.00**Most Impacted and Distressed Budget:** \$ 0.00**Other Funds:** \$ 0.00**Total Funds:** \$ 0.00**Ancillary Activities**

None

**Projected Accomplishments**

# of legislative actions taken to improve resiliency

**Total**

1

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

Statewide

**Activity Description:**

The State of Iowa created the Flood Mitigation Board in 2012 - the board is charged with creating a Flood Mitigation Program for Iowa. The Flood Mitigation board supports projects that reduce flooding and improve water quality. To date, Iowa has allocated \$660M to the Iowa Flood Mitigation Board for flood mitigation activities across Iowa.



Performance measures have been met & activity has been closed. 1/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDROV-001-311-09****Activity Title: Iowa Nutrient Reduction Strategy****Activity Type:**

NDR - Resilience Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Outcome Values

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:****Total Budget:** \$ 0.00**Most Impacted and Distressed Budget:** \$ 0.00**Other Funds:** \$ 0.00**Total Funds:** \$ 0.00**Ancillary Activities**

None

**Projected Accomplishments**

# of legislative actions taken to improve resiliency

**Total**

1

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

Statewide

**Activity Description:**

Iowa finalized its Iowa Nutrient Reduction Strategy in 2013. Iowa also passed new legislation that year forming a new Iowa Nutrient Research Center (INRC). The state funds the INRC at \$1.3M/year to evaluate the performance of current and emerging nutrient management practices. In addition to applied research projects, INRC supports the operation of a real-time continuous water-quality monitoring network and online information system to





distribute nutrient data to the general public, producers, and agencies. State funding of \$1.3 million per year enables the INRC network and information system to ensure that programmatic funding invested in conservation practices in Iowa will measurably benefit water-quality improvement. Performance measures have been met & activity has been closed. 1/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDROV-001-311-10**

**Activity Title: Watershed Management Authority Legislation**

**Activity Type:**

NDR - Resilience Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Outcome Values

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Projected Accomplishments**

# of legislative actions taken to improve resiliency

**Total**

1

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

Statewide

**Activity Description:**

In 2010, Iowa passed legislation authorizing the creation of Watershed Management Authorities (WMAs) as a mechanism for cities, counties, Soil and Water Conservation Districts (SWCDs), and other stakeholders to engage in cooperative watershed planning and management, especially as related to decreasing flooding and



improving water quality. The IDNR helps WMAs through formation and with other assistance. Performance measures have been met & activity has been closed. 1/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDROV-001-311-11**

**Activity Title: IDALS Water Quality Initiative**

**Activity Type:**

NDR - Resilience Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Outcome Values

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Projected Accomplishments**

# of Executive Orders Issued

# zoning amendments passed

% decrease in NFIP CRS score

\$ estimated value of flood loss avoided

# of storm water projects implemented

# of revised zoning codes incorporating resiliency adopted

# of resiliency strategies released

# of reduced hours streets are flooded

# of new structures built to 3 ft. freeboard

# of linear miles no longer experience flooding

# of Stormwater Management Zoning Ordinances adopted

# of micro-grids constructed to sustain critical services during a power outage

# of Hazard Mitigation Plans prepared

# cubic feet of stormwater storage added

**Total**



**# of special events**  
**# of properties with access above 100-yr flood level**  
**# of floodplain design standards updated**  
**# of fewer outages of critical facilities and utilities**  
**# of acres no longer vulnerable to flood events**  
**# CRS credit points earned**  
**# of regulatory amendments to the Flood Hazard Area Control Act Rules**  
**% of modules completed**  
**# of plans created**  
**% reduction in loss of service**  
**% of project area evaluated/mapped for flood risk**  
**% of buildings protected/undamaged during a flood event**  
**% increase in groundwater infiltration**  
**% increase in acres of cropland protected from flooding**  
**% increase in use by migratory birds**  
**% decrease water surface elevation level during a flood with a qualifying event**  
**% decrease in road closures in target area during a flood event**  
**% decrease in area inundated by flooding**  
**# of pump stations repaired/replaced**  
**# of low-impact/maintenance components**  
**# of liner feet examined**  
**# of linear of sewer/water line constructed**  
**# of linear feet of water/sewer line repaired/replaced**  
**# of containment systems constructed**  
**# of brownfield acres converted to wetland**  
**# of acres with improved multiple hazard risk mapping**  
**# of acres of wetland created/restored**  
**# of resilience plans adopted**  
**# of residents protected from future flooding**  
**# of properties protected from future flooding**  
**# of planning studies and initiatives completed**  
**# of local laws passed**  
**% of area electrical demand generated from facility**  
**\$ investment in public facility service area**  
**\$ investment in green infrastructure in the service area**  
**\$ estimated value of assets protected**  
**\$ amount of private-public investment in BUF service area**  
**# seedlings on the landscape that survived 5th yr.**  
**# seedlings on the landscape that survived 3rd yr.**  
**# seedlings on the landscape that survived 1st yr.**  
**# acres successfully reforested**  
**# treated/reforested acres leased for grazing**  
**# of public/private partnerships created**



# of partnerships created  
 # of non-invasive trees planted on project sites  
 # of mentions on social media  
 # of Kwh clean energy produced at Community Resilience Center  
 # of Facility guidebooks published a disseminated  
 # acres of fuel breaks constructed  
 # regulatory amendments to the Flood Hazard Area Control Act Rules  
 % of plans that resulted in financial investment  
 # of people at community meetings  
 # of resilience plans completed  
 # of plans adopted  
 # of jurisdictions adopting Greenprint Plan  
 # of households reached  
 # of acres of land protected  
 # occupied structures in floodplain  
 # of resilience plans created  
 # of PHA housing units benefiting from resiliency measures  
 # of PHA facilities constructed or retrofitted with resiliency measures  
 # jurisdictions with enacted resiliency plans/ordinances  
 # stakeholders at community meetings  
 # resilience projects scoped  
 # resilience project plans vetted  
 # resilience project plans finalized  
 # resilience project plans drafted  
 # resilience project community launch meetings  
 # people relocated  
 # people at community meetings  
 # jurisdictions with completed resiliency plans  
 # jurisdictions that incorporate identified resilience practices  
 # households relocated  
 # home construction permits  
 # cubic feet storm water retention capacity  
 # community meetings  
 % reduction in kWh used  
 # of climate action plans completed  
 # of residential building permits  
 # of homes rehabilitated  
 \$ estimated flood loss avoidance  
 # of public housing residents provided new housing  
 # of linear feet of trails constructed  
 # of fire fighters trained  
 \$ Funds allocated for water-quality improvements 9600000  
 \$ Funds allocated for water management/flood mitigation improvements



# of water management/flood research products

# of water management/flood maps updated

# of mitigation plans completed

# of legislative actions taken to improve resiliency 4

# of infrastructure design standards updated

# of homes retrofitted with resiliency measures

# of energy plans completed

# of disaster recovery plans completed

# of communities with standards exceeding NFIP

% Progress

# of public facilities

**Proposed budgets for organizations carrying out Activity:**

| Responsible Organization            | Organization Type | Proposed Budget |
|-------------------------------------|-------------------|-----------------|
| Iowa Economic Development Authority | State Agency      | \$ 0.00         |

**Location Description:**

Statewide

**Activity Description:**

The Iowa Nutrient Reduction Strategy (INRS), developed in 2013 as a science-based approach to nutrient management, further demonstrates Iowa’s commitment to the improvement of water quality, especially in response to the Gulf Hypoxia Action Plan’s goal of 45% reduction in riverine N and P load. State- and federally-funded projects are underway in nine priority watersheds. In 2015, the state allocated \$9.6M to the Iowa Department of Agriculture and Land Stewardship for its Water Quality Initiative (WQI). State funding of \$9.6 million per year enables INRC to support nutrient management project in the state. Performance measures have been met & activity has been closed. 1/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None



## Grantee Activity Number: 13-NDROV-001-311-12

### Activity Title: Flood Insurance Rate Maps

**Activity Type:**

NDR - Resilience Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Outcome Values

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:****Total Budget:** \$ 0.00**Most Impacted and Distressed Budget:** \$ 0.00**Other Funds:** \$ 0.00**Total Funds:** \$ 0.00**Ancillary Activities**

None

**Projected Accomplishments**

# of water management/flood maps updated

**Total**

81

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

Statewide

**Activity Description:**

The IFC and Iowa Department of Natural Resources (IDNR) began updating 100- and 500-year floodplain boundaries throughout Iowa in 2010. In many counties, these data are being used to create new Flood Insurance Rate Maps (FIRMs) for use with the National Flood Insurance Program (NFIP). In areas where FEMA does not have capacity to review and adopt the data, the IDNR and other stakeholders are using floodplain boundaries for





management and planning. Efforts to update floodplain boundaries improve the effectiveness of management and planning activities.

Performance measures have been met & activity has been closed. 1/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDROV-001-311-13****Activity Title: IDNR LTC Watershed Assistance****Activity Type:**

NDR - Resilience Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Ancillary Activities**

None

**Projected Accomplishments**

# of water management/flood research products

**Total**

6

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

Statewide

**Activity Description:**

The IDNR has provided \$500K in direct financial assistance to help WMAs develop comprehensive watershed management plans. IDNR staff members also help develop proposals, interpret data, give presentations, and offer GIS and mapping services. Performance measures have been met & activity has been closed. 1/31/17.



**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDROV-001-311-14**

**Activity Title: Flood Risk Reports LTC**

**Activity Type:**

NDR - Resilience Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

01/01/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Outcome Values

**Projected End Date:**

01/31/2017

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Projected Accomplishments**

# of water management/flood research products

**Total**

4

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

Middle Cedar, North Raccoon, and East and West Nishnabotna Watersheds

**Activity Description:**

Four of the target watersheds have new planning documents to better prepare for future flooding. The Middle Cedar, North Raccoon, and East and West Nishnabotna Watersheds all finished the drafts or final versions of their Flood Risk Reports in 2015. These reports provide non-regulatory information to help local or tribal officials, floodplain managers, planners, emergency managers, and others better understand their flood risk, take steps



to mitigate risks, and communicate those risks."Four watersheds have completed Flood Risk Reports. The reports benefit these watersheds and will also serve as a model for other watersheds participating the project. Performance measures have been met & activity has been closed. 1/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDROV-001-311-15**

**Activity Title: IEDA Outcome Value-Public Facilities Upgrades**

**Activity Type:**

NDR - Resilience Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

09/18/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Outcome Values

**Projected End Date:**

12/31/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Projected Accomplishments**

# of public facilities

**Total**

12

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

Dubuque Bee Branch Watershed, Storm Lake, Coralville

**Activity Description:**

Improve the storm water management system with storm water systems and other practices such as pervious pavement, bios wales, and wetlands and increase capacity of conveyance to reduce flooding. Communities will report on number of measures installed as part of the draw process. IEDA will aggregate the data annually. The



baseline is zero and the projection is to complete 12 projects. This outcome value is associated with the overall NDR project.

Completed/Closed 12/31/2022.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDROV-001-311-16**

**Activity Title: IEDA Outcome Value-Storm Lake Jobs Created**

**Activity Type:**

NDR - Economic Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

09/01/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Outcome Values

**Projected End Date:**

12/31/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Projected Accomplishments**

# of jobs created

**Total**

67

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

**Organization Type**

State Agency

**Proposed Budget**

\$ 0.00

**Location Description:**

Storm Lake

**Activity Description:**

Develop a benefit cost analysis model to quantify the economic impact of municipal storm water infrastructure improvements in Storm Lake. The economic impact of the improved projects will be calculated using a BCA model (Implan software). The baseline is zero jobs. Iowa Economic Development Authority will aggregate the





data annually. The projection is to create 67 jobs. This outcome value is associated with the overall NDR project.

Completed/Closed 12/31/2022.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRP-013-311-01**

**Activity Title: U of I Outcome Value-Reduce Flow Rate & Nutrients**

**Activity Type:**

NDR - Environmental Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

09/18/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Outcome Values

**Projected End Date:**

12/31/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Projected Accomplishments**

- # zoning amendments passed
- % reduction in TMDL pollutant loads
- # of trees planted in project area
- # of resiliency strategies released
- # of linear feet of shoreline restored
- # of acres of rain gardens created
- # of acres of parks created
- # of non-invasive species trees planted on project sites
- # cubic feet of stormwater storage added through retrofit program
- # acres of newly added or improved green space
- # of tourists
- # of green infrastructure projects constructed
- # of acres green infrastructure created

**Total**



% reduction of water surface elevation level  
 % reduction of sanitary sewer overflows  
 % reduction of inflow/infiltration during storm events  
 % reduction of fish kill events  
 % reduction in sediment entering local streams  
 % reduction in nutrient loading during flood events  
 % reduction in flow (# gpm/cfm) at treatment plant in 25-yr storm event  
 % of project area evaluated/mapped for flood risk  
 % increase in pumping capacity  
 % increase in number of acres converted to open space  
 % increase in functional assessment value for wetland habitats  
 % decrease in affluent discharged  
 # of sanitary sewer overflows  
 # of manhole covers replaced  
 # of linear feet of water/sewer line repaired/replaced  
 # of acres of native vegetation planted  
 # of planning studies and initiatives completed  
 # of local laws passed  
 # of acres green space preserved  
 # of acres green space created  
 % reduction in number of gpd of water consumed on-site  
 # of tons bio-mass processed for energy production  
 % reduction in number of kWh of electricity consumed on-site  
 # seedlings on the landscape that survived 5th yr.  
 # seedlings on the landscape that survived 3rd yr.  
 # seedlings on the landscape that survived 1st yr.  
 # acres successfully reforested  
 # of tons bio-mass processed for repurposed to merchantable wood products  
 # of sustainable/fire proof troughs installed  
 # of non-invasive trees planted on project sites  
 # of miles of protective fencing constructed  
 # of community meetings  
 # acres of bio-mass removed  
 % of ecological actions funded  
 # of ecological actions identified  
 # of people at community meetings  
 # of acres of greenspace created (tree farms, etc.)  
 # linear feet of streams restored  
 # acres of wetlands created  
 # of acres of greenspace created/preserved  
 % reduction in kWh used  
 # of climate action plans completed  
 # of linear feet of trails constructed



# of acres of greenspace created

% reduction of watershed phosphorous loading 12

% reduction of watershed nitrate loading

% reduction in flow rate (cubic feet of water per second)

# of asthma occurrences reported in schools within project area

% Progress

**Proposed budgets for organizations carrying out Activity:**

| Responsible Organization            | Organization Type | Proposed Budget |
|-------------------------------------|-------------------|-----------------|
| Iowa Economic Development Authority | State Agency      | \$ 0.00         |
| University of Iowa                  | State Agency      | \$ 0.00         |

**Location Description:**

1. West Nishnabotna River
2. East Nishnabotna River
3. North Raccoon River
4. Middle Cedar River
5. Clear Creek
6. English River
7. Upper Wapsipinicon River
8. Upper Iowa River

**Activity Description:**

Reduce peak flows, nitrate loads, and phosphorous loads through project installation. The IFC will complete hydrologic models of watersheds to assess water quality and flow prior to and following the installation of measures. (Models will be validated with on-site sensor data.) Baseline will be established through a model developed in the beginning of the project. Will report annually. The projection is to reduce phosphorous loading by 12%. This outcome value is associated with the overall NDR project.

Completed/Closed 12/31/2022.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None



**Grantee Activity Number: 13-NDRP-013-311-02**

**Activity Title: U of I Outcome Value-Resiliency Action Plan**

**Activity Type:**

NDR - Social Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

09/18/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Outcome Values

**Projected End Date:**

12/31/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Projected Accomplishments**

# of water management/flood plans completed

**Total**

8

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

University of Iowa

**Organization Type**

State Agency

State Agency

**Proposed Budget**

\$ 0.00

\$ 0.00

**Location Description:**

8 watersheds

**Activity Description:**

The outcome will be to improve the ability to prepare and plan for, absorb, recover from and more successfully adapt to adverse events. A flood resiliency action plan will be completed for each watershed and submitted by



IFC. Will report annually. The baseline is zero (no action plans currently exist) and the projection is to complete 8 plans. This outcome value is associated with the overall NDR project.

Completed/Closed 12/31/2022.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



**Grantee Activity Number: 13-NDRP-013-311-03**

**Activity Title: U of I Outcome Value - Reduce Flow Rate**

**Activity Type:**  
NDR - Environmental Value

**Project Number:**  
13-DS/OV-Outcome Values

**Projected Start Date:**  
10/01/2016

**Project Draw Block by HUD:**  
Not Blocked

**Activity Draw Block by HUD:**  
Not Blocked

**Block Drawdown By Grantee:**  
Not Blocked

**National Objective:**  
Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**  
NA

**Activity Status:**  
Completed

**Project Title:**  
Outcome Values

**Projected End Date:**  
12/31/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Projected Accomplishments**

% reduction in flow rate (cubic feet of water per second)

**Total**

17

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

University of Iowa

**Organization Type**

State Agency

State Agency

**Proposed Budget**

\$ 0.00

\$ 0.00

**Location Description:**

- 1. West Nishnabotna River
- 2. East Nishnabotna River
- 3. North Raccoon River
- 4. Middle Cedar River
- 5. Clear Creek
- 6. English River



- 7.Upper Wapsipinicon River
- 8.Upper Iowa River

**Activity Description:**

Reduce peak flows, nitrate loads, and phosphorous loads through project installation. The IFC will complete hydrologic models of watersheds to assess water quality and flow prior to and following the installation of measures. (Models will be validated with on-site sensor data.) Baseline will be established through a model developed in the beginning of the project. Will report annually. The projection is to reduce flow rate by 17.5%. This outcome value is associated with the overall NDR project.

Completed/Closed 12/31/2022.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---





**Grantee Activity Number: 13-NDRP-013-311-04**

**Activity Title: U of I Outcome Value - Reduce Nitrate Loading**

**Activity Type:**

NDR - Environmental Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

10/01/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Outcome Values

**Projected End Date:**

12/31/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Projected Accomplishments**

% reduction of watershed nitrate loading

**Total**

15

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

University of Iowa

**Organization Type**

State Agency

State Agency

**Proposed Budget**

\$ 0.00

\$ 0.00

**Location Description:**

- 1. West Nishnabotna River
- 2. East Nishnabotna River
- 3. North Raccoon River
- 4. Middle Cedar River
- 5. Clear Creek



- 6.English River
- 7.Upper Wapsipinicon River
- 8.Upper Iowa River

**Activity Description:**

Reduce peak flows, nitrate loads, and phosphorous loads through project installation. The IFC will complete hydrologic models of watersheds to assess water quality and flow prior to and following the installation of measures. (Models will be validated with on-site sensor data.) Baseline will be established through a model developed in the beginning of the project. Will report annually. The projection is to reduce nitrate loading by 15%. This outcome value is associated with the overall NDR project.

Completed/Closed 12/31/2022.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



**Grantee Activity Number: 13-NDRP-016-311-01**

**Activity Title: Iowa State University Outcome Value-Soil Loss**

**Activity Type:**

NDR - Economic Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

09/01/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

| Responsible Organization            | Organization Type | Proposed Budget |
|-------------------------------------|-------------------|-----------------|
| Iowa Economic Development Authority | State Agency      | \$ 0.00         |
| Iowa State University               | State Agency      | \$ 0.00         |

**Location Description:**

8 watersheds

**Activity Description:**

The outcome will be to retain soil onsite after project installation. The Iowa Water Center will model soil loss (ton/acre) prior to and following the installation of watershed construction practices. Will report annually. The baseline will be determined by the model which will be developed in the beginning of the project. The projection



of soil loss will be determined once the baseline is established. This outcome value is associated with the overall NDR project.

Completed/Closed 12/31/2022.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



**Grantee Activity Number: 13-NDRP-017-311-01**

**Activity Title: HSEMD Outcome Value-Mitigation Plan**

**Activity Type:**

NDR - Resilience Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

09/16/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Outcome Values

**Projected End Date:**

12/31/2020

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Projected Accomplishments**

# of mitigation plans completed

**Total**

1

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

Iowa Homeland Security & Emergency Management

**Organization Type**

State Agency

State Agency

**Proposed Budget**

\$ 0.00

\$ 0.00

**Location Description:**

Statewide

**Activity Description:**

Enhance the hazard mitigation and disaster recovery plans to include IWA resiliency measures. Updated Iowa's Enhanced Mitigation Plan and Disaster Recovery Plan submitted by HSEMD. Will report annually. The baseline is



zero (no plans have currently been enhanced) and the projection is to enhance one plan. This outcome value is associated with Activity 13-NDRP-017-172, HSEMD Mitigation and Recovery Activities.  
Activity complete. Performance measures have been met and activity has been closed. 12/31/2020

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



**Grantee Activity Number: 13-NDRP-017-311-02**

**Activity Title: HSEMD Outcome Value-Recovery Plan**

**Activity Type:**

NDR - Resilience Value

**Project Number:**

13-DS/OV-Outcome Values

**Projected Start Date:**

09/25/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Outcome Values

**Projected End Date:**

12/31/2020

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 0.00

**Ancillary Activities**

None

**Projected Accomplishments**

# of disaster recovery plans completed

**Total**

1

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

Iowa Homeland Security & Emergency Management

**Organization Type**

State Agency

State Agency

**Proposed Budget**

\$ 0.00

\$ 0.00

**Location Description:**

Statewide

**Activity Description:**

Enhance the hazard mitigation and disaster recovery plans to include IWA resiliency measures. Updated Iowa's Enhanced Mitigation Plan and Disaster Recovery Plan submitted by HSEMD. Will report annually. The baseline is



zero (no plans have currently been enhanced) and the projection is to enhance one plan. This outcome value is associated with Activity 13-NDRP-017-172, HSEMD Mitigation and Recovery Activities.

Activity completed 3/31/2020. Performance measures have been met & activity has been closed. 12/31/2020

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---

**Project # / 13-DS/Planning / Planning**



## Grantee Activity Number: 13-NDRI-002-172

### Activity Title: Watershed Plan

**Activity Type:**

Planning

**Project Number:**

13-DS/Planning

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

Area Benefit (Survey)

**Activity Status:**

Completed

**Project Title:**

Planning

**Projected End Date:**

09/30/2022

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:**

**Total Budget:** \$ 300,000.00

**Most Impacted and Distressed Budget:** \$ 300,000.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 300,000.00

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

Total

Low

Mod

Low/Mod%

0.0

**Projected Accomplishments**

# of Plans or Planning Products

Total

1

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Benton County

**Organization Type**

Local Government

**Proposed Budget**

\$ 300,000.00

**Location Description:**

Middle Cedar River Watershed.

**Activity Description:**

Develop a watershed management plan for the Middle Cedar River.



**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



## Grantee Activity Number: 13-NDRI-003-172

### Activity Title: Watershed Plan

**Activity Type:**

Planning

**Project Number:**

13-DS/Planning

**Projected Start Date:**

10/08/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

Area Benefit (Survey)

**Activity Status:**

Completed

**Project Title:**

Planning

**Projected End Date:**

12/31/2020

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:**

**Total Budget:** \$ 200,000.00

**Most Impacted and Distressed Budget:** \$ 200,000.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 200,000.00

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

Total

Low

Mod

Low/Mod%

0.0

**Projected Accomplishments**

# of Plans or Planning Products

Total

1

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Buena Vista County

**Organization Type**

Local Government

**Proposed Budget**

\$ 200,000.00

**Location Description:**

Raccoon River Watershed.

**Activity Description:**

Develop a watershed plan for the Raccoon River Watershed.



Activity complete. Performance measures have been met & activity has been closed. 12/31/2020.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



## Grantee Activity Number: 13-NDRI-004-172

### Activity Title: Watershed Plan

**Activity Type:**

Planning

**Project Number:**

13-DS/Planning

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

Area Benefit (Survey)

**Activity Status:**

Completed

**Project Title:**

Planning

**Projected End Date:**

12/31/2019

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:**

**Total Budget:** \$ 200,000.00

**Most Impacted and Distressed Budget:** \$ 200,000.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 200,000.00

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

Total

Low

Mod

Low/Mod%

0.0

**Projected Accomplishments**

# of Plans or Planning Products

Total

1

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Fremont County

**Organization Type**

State Agency

**Proposed Budget**

\$ 200,000.00

**Location Description:**

East Nishnabotna River Watershed

**Activity Description:**

Develop a watershed management plan for the East Nishnabotna River Watershed.



Performance measures have been met and activity has been closed. 12/31/19.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



## Grantee Activity Number: 13-NDRI-005-172

### Activity Title: Watershed Plan

**Activity Type:**

Planning

**Project Number:**

13-DS/Planning

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

Area Benefit (Survey)

**Activity Status:**

Completed

**Project Title:**

Planning

**Projected End Date:**

12/31/2019

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:**

**Total Budget:** \$ 225,000.00

**Most Impacted and Distressed Budget:** \$ 225,000.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 225,000.00

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

Total

Low

Mod

Low/Mod%

0.0

**Projected Accomplishments**

# of Plans or Planning Products

Total

1

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Howard County

**Organization Type**

Local Government

**Proposed Budget**

\$ 225,000.00

**Location Description:**

Upper Wapsipinicon River Watershed

**Activity Description:**

Develop a watershed management plan for the Upper Wapsipinicon River.



Performance measures have been met and activity has been closed. 12/31/19.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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## Grantee Activity Number: 13-NDRI-006-172

### Activity Title: Watershed Plan

**Activity Type:**

Planning

**Project Number:**

13-DS/Planning

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

Area Benefit (Survey)

**Activity Status:**

Completed

**Project Title:**

Planning

**Projected End Date:**

12/31/2019

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:**

**Total Budget:** \$ 100,000.00

**Most Impacted and Distressed Budget:** \$ 100,000.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 100,000.00

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

Total

Low

Mod

Low/Mod%

0.0

**Projected Accomplishments**

# of Plans or Planning Products

Total

1

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Iowa County

**Organization Type**

Local Government

**Proposed Budget**

\$ 100,000.00

**Location Description:**

English River Watershed

**Activity Description:**

Develop a watershed management plan for the English River Watershed.



Performance measures have been met and activity has been closed. 12/31/2019.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



## Grantee Activity Number: 13-NDRI-007-172

### Activity Title: Watershed Plan

**Activity Type:**

Planning

**Project Number:**

13-DS/Planning

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

Area Benefit (Survey)

**Activity Status:**

Completed

**Project Title:**

Planning

**Projected End Date:**

12/31/2019

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:**

**Total Budget:** \$ 175,000.00

**Most Impacted and Distressed Budget:** \$ 175,000.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 175,000.00

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

Total

Low

Mod

Low/Mod%

0.0

**Projected Accomplishments**

# of Plans or Planning Products

Total

1

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Johnson County

**Organization Type**

Unknown

**Proposed Budget**

\$ 175,000.00

**Location Description:**

Clear Creek Watershed

**Activity Description:**

Develop a watershed management plan for Clear Creek.



Performance measures have been met and activity has been closed. 12/31/2019.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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## Grantee Activity Number: 13-NDRI-008-172

### Activity Title: Watershed Plan

**Activity Type:**

Planning

**Project Number:**

13-DS/Planning

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

Area Benefit (Survey)

**Activity Status:**

Completed

**Project Title:**

Planning

**Projected End Date:**

03/31/2020

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:**

**Total Budget:** \$ 200,000.00

**Most Impacted and Distressed Budget:** \$ 200,000.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 200,000.00

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

Total

Low

Mod

Low/Mod%

0.0

**Projected Accomplishments**

# of Plans or Planning Products

Total

1

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Mills County

**Organization Type**

Local Government

**Proposed Budget**

\$ 200,000.00

**Location Description:**

West Nishnabotna River Watershed

**Activity Description:**

Develop a watershed management plan for the West Nishnabotna River Watershed.



Performance measures have been met and activity has been closed. 3/31/2020.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



## Grantee Activity Number: 13-NDRI-009-172

### Activity Title: Watershed Plan

**Activity Type:**

Planning

**Project Number:**

13-DS/Planning

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

Area Benefit (Survey)

**Activity Status:**

Completed

**Project Title:**

Planning

**Projected End Date:**

09/30/2019

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:**

**Total Budget:** \$ 200,000.00

**Most Impacted and Distressed Budget:** \$ 200,000.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 200,000.00

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

Total

Low

Mod

Low/Mod%

0.0

**Projected Accomplishments**

# of Plans or Planning Products

Total

1

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Winneshiek County

**Organization Type**

Unknown

**Proposed Budget**

\$ 200,000.00

**Location Description:**

Upper Iowa River Watershed

**Activity Description:**

Develop a watershed management plan for the Upper Iowa River Watershed.



Performance measures have been met and activity has been closed. 9/30/2019.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRI-011-172**

**Activity Title: Pre-Application Costs**

**Activity Type:**

Planning

**Project Number:**

13-DS/Planning

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

Area Benefit (Census)

**Activity Status:**

Completed

**Project Title:**

Planning

**Projected End Date:**

09/30/2017

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 35,753.00

**Most Impacted and Distressed Budget:** \$ 35,753.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 35,753.00

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

**Total**

**Low**

**Mod**

**Low/Mod%**

0.0

**Projected Accomplishments**

# of Plans or Planning Products

**Total**

1

LMI%:

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Dubuque

**Organization Type**

Local Government

**Proposed Budget**

\$ 35,753.00

**Location Description:**

Bee Branch watershed areas.

**Activity Description:**

Pre-application costs for Bee Branch watershed planning/administration functions.



Activity complete. Performance measures have been met & activity has been closed. 9/30/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



## Grantee Activity Number: 13-NDRP-013-172

### Activity Title: University of Iowa Watershed Planning

**Activity Type:**

Planning

**Project Number:**

13-DS/Planning

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

Area Benefit (Survey)

**Activity Status:**

Completed

**Project Title:**

Planning

**Projected End Date:**

12/31/2022

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:**

**Total Budget:** \$ 6,471,876.00

**Most Impacted and Distressed Budget:** \$ 6,471,876.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 6,471,876.00

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

Total

Low

Mod

Low/Mod%

0.0

**Projected Accomplishments**

# of Plans or Planning Products

Total

86

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

University of Iowa

**Organization Type**

State Agency

**Proposed Budget**

\$ 6,471,876.00

**Location Description:**

Planning activities support the 8 watersheds listed below.

- West Nishnabotna River
- East Nishnabotna River
- North Raccoon River
- Middle Cedar River



- Clear Creek
- English River
- Upper Wapsipinicon River
- Upper Iowa River

**Activity Description:**

The University of Iowa assisted Watershed Management Authorities and completed planning documents including hydrologic assessments for each watershed, overall program evaluation and assesment, installation of a hydrologic and nutrient monitoring network, attending advisory board and other meetings, and social resilience programming.

Completed 12/31/2022. Closed 2/15/2023.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



## Grantee Activity Number: 13-NDRP-014-172

### Activity Title: IDNR WMA Formation Assistance

**Activity Type:**

Planning

**Project Number:**

13-DS/Planning

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

Area Benefit (Survey)

**Activity Status:**

Completed

**Project Title:**

Planning

**Projected End Date:**

12/31/2022

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:**

**Total Budget:** \$ 615,702.00

**Most Impacted and Distressed Budget:** \$ 615,702.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 615,702.00

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

Total

Low

Mod

Low/Mod%

0.0

**Projected Accomplishments**

# of Plans or Planning Products

Total

48

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Iowa Department of Natural Resources

**Organization Type**

State Agency

**Proposed Budget**

\$ 615,702.00

**Location Description:**

1. West Nishnabotna River
2. East Nishnabotna River
3. North Raccoon River
4. Middle Cedar River
5. Clear Creek
6. English River



- 7.Upper Wapsipinicon River
- 8.Upper Iowa River

**Activity Description:**

The Iowa Department of Natural Resources (IDNR) will work with the Iowa Flood Center and local partners to provide training and resources to facilitate watershed management authority (WMA) formation and build local capacity for watershed planning and implementation. The IDNR will mentor new watersheds moving through the WMA formation process. IDNR assistance in WMA formation will be geared toward teaching local staff how to identify resources and build partnerships. IDNR's role will also include: Providing GIS assistance - IDNR can create watershed maps, compile land use information, and delineate which cities and counties lie within the watershed boundary. WMA Webpage - IDNR will host a webpage on the IDNR website with a library of documents from each WMA, so that new groups may take advantage of existing resources. The IDNR will share information about WMAs to other groups - IDNR receives many requests to present at conferences or other statewide meetings to share information about WMA activities around the state.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



**Grantee Activity Number: 13-NDRP-015-172**

**Activity Title: UNI Integration of Prairie Cover Crops**

**Activity Type:**

Planning

**Project Number:**

13-DS/Planning

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

Area Benefit (Survey)

**Activity Status:**

Completed

**Project Title:**

Planning

**Projected End Date:**

12/31/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 438,681.14

**Most Impacted and Distressed Budget:** \$ 438,681.14

**Other Funds:** \$ 0.00

**Total Funds:** \$ 438,681.14

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

Total

Low

Mod

Low/Mod%

0.0

**Projected Accomplishments**

# of Plans or Planning Products

Total

37

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

University of Northern Iowa

**Organization Type**

State Agency

**Proposed Budget**

\$ 438,681.14

**Location Description:**

- 1. West Nishnabotna River
- 2. East Nishnabotna River
- 3. North Raccoon River
- 4. Middle Cedar River
- 5. Clear Creek
- 6. English River



- 7.Upper Wapsipinicon River
- 8.Upper Iowa River

**Activity Description:**

UNI will provide multiple layers of assistance to each watershed management authority (WMA) in native vegetation establishment and management, across a range of agricultural practices. UNI will disseminate scientifically-based information on a variety of platforms, including field days, winter meetings for WMA coordinators, print and on-line technical guides and videos, a fully supported and annually updated on&ndash;line seed mix calculator, and individual consultation. A cornerstone of the effort will be a collection of demonstration sites used for teaching and learning. Where feasible, we will use side-by-side contrasting practices to communicate basic principles that learners can readily apply in many other contexts and locations. We have one such site at the Northeast Iowa Research Farm in the Upper Cedar River Watershed, and another in the Middle Cedar, on a farm near Dysart. Others will be created as cooperators and project implementation funds allow.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRP-016-172**

**Activity Title: ISU Water Quality Planning**

**Activity Type:**

Planning

**Project Number:**

13-DS/Planning

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

Area Benefit (Survey)

**Activity Status:**

Completed

**Project Title:**

Planning

**Projected End Date:**

12/31/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 2,060,381.45

**Most Impacted and Distressed Budget:** \$ 2,060,381.45

**Other Funds:** \$ 0.00

**Total Funds:** \$ 2,060,381.45

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

**Total**

**Low**

**Mod**

**Low/Mod%**

0.0

**Projected Accomplishments**

# of Plans or Planning Products

**Total**

34

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa State University

**Organization Type**

State Agency

**Proposed Budget**

\$ 2,060,381.45

**Location Description:**

- 1. West Nishnabotna River
- 2. East Nishnabotna River
- 3. North Raccoon River
- 4. Middle Cedar River
- 5. Clear Creek
- 6. English River



- 7.Upper Wapsipinicon River
- 8.Upper Iowa River

**Activity Description:**

Iowa State University provided assistance to Watershed Management Authorities and completed planning documents include outreach and communications plans, soil loss modeling and research on nutrient practices.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---



**Grantee Activity Number: 13-NDRP-017-172**

**Activity Title: HSEMD Mitigation and Recovery Activities**

**Activity Type:**

Planning

**Project Number:**

13-DS/Planning

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

Area Benefit (Survey)

**Activity Status:**

Completed

**Project Title:**

Planning

**Projected End Date:**

12/31/2022

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 1,813,393.00

**Most Impacted and Distressed Budget:** \$ 1,813,393.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 1,813,393.00

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

**Total**

**Low**

**Mod**

**Low/Mod%**

0.0

**Projected Accomplishments**

# of Plans or Planning Products

**Total**

75

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Homeland Security & Emergency Management

**Organization Type**

State Agency

**Proposed Budget**

\$ 1,813,393.00

**Location Description:**

- 1. West Nishnabotna River
- 2. East Nishnabotna River
- 3. North Raccoon River
- 4. Middle Cedar River
- 5. Clear Creek
- 6. English River



- 7.Upper Wapsipinicon River
- 8.Upper Iowa River

**Activity Description:**

Homeland Security will complete the following activities:

GIS Technical Support - Utilizing data from NDR funded hydrology, conducted by the IFC, in target watersheds, and/or newly completed floodplain mapping data, HSEMD will provide GIS technical support needed to incorporate this new data into State and local hazardous mitigation planning.

Capacity Building through Hazard Mitigation Planning and Technical Support - Provide planning and technical assistance in support of the Enhanced State Hazard Mitigation Plan and local plans for communities in target watersheds, assuring it includes strategies developed as part of the NDR grant.

Flood Mitigation Board Technical Assistance - Communicate efforts, as part of the NDR grant, to the Flood Mitigation Board. Identify additional state resources to build resiliency in the most impacted and distressed area

Completed 12/31/2022. Closed 3/31/2023. Deobligated \$13,959.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRP-018-172**

**Activity Title: IDALS Watershed Plan Development**

**Activity Type:**

Planning

**Project Number:**

13-DS/Planning

**Projected Start Date:**

10/11/2016

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

Area Benefit (Survey)

**Activity Status:**

Completed

**Project Title:**

Planning

**Projected End Date:**

12/31/2021

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 225,000.00

**Most Impacted and Distressed Budget:** \$ 225,000.00

**Other Funds:** \$ 0.00

**Total Funds:** \$ 225,000.00

**Ancillary Activities**

None

**Projected Beneficiaries**

# of Persons

**Total**

**Low**

**Mod**

**Low/Mod%**

0.0

**Projected Accomplishments**

# of Plans or Planning Products

**Total**

38

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Department of Agriculture and Land Stewardship

**Organization Type**

State Agency

**Proposed Budget**

\$ 225,000.00

**Location Description:**

- 1. West Nishnabotna River
- 2. East Nishnabotna River
- 3. North Raccoon River
- 4. Middle Cedar River
- 5. Clear Creek
- 6. English River



- 7.Upper Wapsipinicon River
- 8.Upper Iowa River

**Activity Description:**

IDALS will provide technical assistance to recipient counties and subrecipient Soil and Water Conservation Districts (SWCDs) and Watershed Management Authorities (WMAs) in selecting and training the six watershed project coordinators identified in the project.

Presently, IDALS provides funding to several SWCDs for watershed projects throughout Iowa, including funds for cost-sharing installation of structural conservation practices and salary and benefits for watershed project coordinators. Through previous projects IDALS has developed template forms and training materials that can be utilized for the six project coordinators to be staffed through this project. IDALS will utilize HUD funding to enter into an agreement with a current watershed coordinator to provide training and technical support to IDALS and the project coordinators associated with the grant. Specific services IDALS will provide to the HUD IWA through this agreement will include:

- Technical assistance to SWCD commissioners and/or County Supervisors on management of project coordinators dedicated to HUD Iowa Watersheds program
- Development of project coordinator job description
- Assistance to SWCDs and counties in resume review/interviews for potential project coordinator applicants
- Development of financial management tools and contractor coordination guidance for project coordinators
- Development of standard documents (i.e. maintenance agreements) for use by project coordinators
- Individual and/or group training for coordinators on unique requirements associated with HUD program compared to other SWCD watershed implementation grants

Activity completed and closed 12/31/2021.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Project # / 13-DS/SL-Supporting Leverage / Supporting Leverage**



**Grantee Activity Number: 13-NDRI-010-309-01**

**Activity Title: City of Coralville Supporting Leverage-  
\$9,148,228**

**Activity Type:**

NDR - Supporting Leverage

**Project Number:**

13-DS/SL-Supporting Leverage

**Projected Start Date:**

09/18/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Supporting Leverage

**Projected End Date:**

03/31/2018

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 9,148,228.00

**Total Funds:** \$ 9,148,228.00

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Coralville

Iowa Economic Development Authority

**Organization Type**

Unknown

State Agency

**Proposed Budget**

\$ 0.00

\$ 0.00

**Funding Source Name**

City of Coralville

**Matching Funds**

No

**Funding Amount**

\$ 9,148,228.00

**Location Description:**

City of Coralville

**Activity Description:**

This is a combination of supporting leverage for 2 projects.



Elevation of 5th Street and construction of permanent and removable floodwalls on the south side of Clear Creek from the Clear Creek Bridge on Hwy 6 to 1st Ave.  
Activity complete. Performance measures have been met & activity has been closed. 3/31/2018.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRI-011-309-01**

**Activity Title: City of Dubuque Supporting Leverage-  
\$38,219,000**

**Activity Type:**

NDR - Supporting Leverage

**Project Number:**

13-DS/SL-Supporting Leverage

**Projected Start Date:**

09/18/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Supporting Leverage

**Projected End Date:**

06/30/2017

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 38,219,000.00

**Total Funds:** \$ 38,219,000.00

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Dubuque

Iowa Economic Development Authority

**Organization Type**

Local Government

State Agency

**Proposed Budget**

\$ 0.00

\$ 0.00

**Funding Source Name**

City of Dubuque

**Matching Funds**

No

**Funding Amount**

\$ 38,219,000.00

**Location Description:**

City of Dubuque, Bee Branch Watershed

**Activity Description:**

This is a combination of 4 supporting leverage projects.



Construction of green flood management infrastructure in the Upper Bee Branch Creek watershed. Funding through the Clean Water State Revolving Loan Fund with repayment through stormwater fees collected from Dubuque residents and businesses  
Construction of 70 pervious alleys in Bee Branch Creek watershed. Funding through the Clean Water State Revolving Loan Fund with repayment through stormwater fees collected from Dubuque residents and businesses  
Iowa Finance Authority funds targeted in the identified neighborhoods to assist first time homeowners  
CDBG micro lending program in identified neighborhoods

Activity complete. 3/31/2017.

Performance measures have been met and activity has been closed. 6/30/17

This activity was inadvertently closed prior to funds being 100% expended. Actual completion date 12/31/2017.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---

**Grantee Activity Number: 13-NDRI-012-309-01**

**Activity Title: City of Storm Lake Supporting Leverage-  
\$883,060**

**Activity Type:**

NDR - Supporting Leverage

**Project Number:**

13-DS/SL-Supporting Leverage

**Projected Start Date:**

09/18/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Supporting Leverage

**Projected End Date:**

12/31/2017

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 883,060.00

**Total Funds:** \$ 883,060.00

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

City of Storm Lake

Iowa Economic Development Authority

**Organization Type**

Local Government

State Agency

**Proposed Budget**

\$ 0.00

\$ 0.00

**Funding Source Name**

City of Storm Lake

**Matching Funds**

No

**Funding Amount**

\$ 883,060.00

**Location Description:**

City of Storm Lake

**Activity Description:**

This is a combination of two supporting leverage projects.



North Central Storm Water project: Removes water from another large residential subdivision again utilizing rain gardens, grass waterways, and detention basins prior to out letting to the natural outlet point Poor Creek Farm; Expansion Blvd Storm Water Project, includes the removal of water from the City's main industrial park through the use of rain gardens, grass waterways, and detention basins.

Activity complete. 3/31/2017.  
Performance measures have been met & activity has been closed. 12/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

---

**Grantee Activity Number: 13-NDRP-014-309-01**

**Activity Title: IDNR Supporting Leverage-\$3,218,333**

**Activity Type:**  
NDR - Supporting Leverage

**Project Number:**  
13-DS/SL-Supporting Leverage

**Projected Start Date:**  
09/18/2014

**Project Draw Block by HUD:**  
Not Blocked

**Activity Draw Block by HUD:**  
Not Blocked

**Block Drawdown By Grantee:**  
Not Blocked

**National Objective:**  
Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**  
NA

**Activity Status:**  
Completed

**Project Title:**  
Supporting Leverage

**Projected End Date:**  
09/30/2019

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 3,218,333.00

**Total Funds:** \$ 3,218,333.00

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

| Responsible Organization             | Organization Type | Proposed Budget |
|--------------------------------------|-------------------|-----------------|
| Iowa Department of Natural Resources | State Agency      | \$ 0.00         |
| Iowa Economic Development Authority  | State Agency      | \$ 0.00         |

| Funding Source Name                  | Matching Funds | Funding Amount  |
|--------------------------------------|----------------|-----------------|
| Iowa Department of Natural Resources | No             | \$ 3,218,333.00 |

**Location Description:**

Catfish Creek Watershed  
Upper Wapsipinicon watershed  
Middle Cedar watershed  
Middle Cedar watershed  
English River watershed  
North Raccoon watershed

North Raccoon watershed  
Clear Creek watershed  
Middle Cedar watershed  
Middle Cedar watershed  
East Nishnabotna watershed  
Middle Cedar watershed  
West Nishnabotna watershed  
West Nishnabotna watershed

**Activity Description:**

This activity is a combination of all the supporting leverage for all 14 activities.

Description:

Clean Water State Revolving Fund financial assistance to the City of Dubuque for storm water management practices in Catfish Creek watershed

Clean Water State Revolving Fund financial assistance to the City of Fairbank for storm water management practices in Upper Wapsipinicon watershed

Clean Water State Revolving Fund financial assistance to the City of Newhall for storm water management practices in Middle Cedar watershed

Clean Water State Revolving Fund financial assistance to the City of Cedar Rapids for storm water management practices in Middle Cedar watershed

Clean Water State Revolving Fund financial assistance to the City of Kalona for storm water management practices in English River watershed

Clean Water State Revolving Fund financial assistance to the City of Laurens for storm water management practices in North Raccoon watershed

Clean Water State Revolving Fund financial assistance to the City of Lake View for storm water management practices in North Raccoon watershed

City of Coralville was awarded a REAP City Park and Open Space grant to acquire land for a park in the Clear Creek watershed  
City of Cedar Rapids was awarded a REAP City Park and Open Space grant to acquire land for a nature preserve in the Middle Cedar watershed

City of Dunkerton was awarded a REAP City Park and Open Space grant to acquire land for a restored prairie and wetland restoration in the Middle Cedar watershed

City of Avoca was awarded a REAP City Park and Open Space grant to preserve wetlands in the East Nishnabotna watershed  
Lake Restoration Program funding at Pleasant Creek State Recreation Area for dam infrastructure repair in the Middle Cedar watershed

Lake Restoration Program funding at Prairie Rose State Park for wetland construction in the West Nishnabotna watershed

Lake Restoration Program funding at Prairie Rose State Park for construction of water control structure in the West Nishnabotna watershed

Activity has been closed. 9/30/19.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None



**Grantee Activity Number: 13-NDRP-017-309-01**

**Activity Title: Iowa HSEMD and IAWA Supporting Leverage- \$48,799**

**Activity Type:**

NDR - Supporting Leverage

**Project Number:**

13-DS/SL-Supporting Leverage

**Projected Start Date:**

09/18/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Supporting Leverage

**Projected End Date:**

09/30/2019

**Project Draw Block Date by HUD:**

**Activity Draw Block Date by HUD:**

**Total Budget:** \$ 0.00

**Most Impacted and Distressed Budget:** \$ 0.00

**Other Funds:** \$ 48,799.00

**Total Funds:** \$ 48,799.00

**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:**

**Responsible Organization**

Iowa Economic Development Authority

Iowa Homeland Security & Emergency Management

**Organization Type**

State Agency

State Agency

**Proposed Budget**

\$ 0.00

\$ 0.00

**Funding Source Name**

Iowa Agriculture Water Alliance

**Matching Funds**

No

**Funding Amount**

\$ 48,799.00

**Location Description:**

Elk Run, North Raccoon  
Rock Creek, Upper Cedar

**Activity Description:**



This is a combination of two supporting leverage activities by Iowa Agriculture Water Alliance as reported through the Iowa Homeland Security contract.

Water Quality Initiative - Elk Run, North Raccoon: IAWA is providing cash contribution to fund edge of field water quality practices.

Water Quality Initiative - Rock Creek, Upper Cedar: IAWA is providing cash contribution to fund edge of field water quality practices along with state of the art real-time monitoring.

Activity has been closed. 9/30/19.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Grantee Activity Number: 13-NDRP-018-309-01****Activity Title: IDALS Supporting Leverage-\$1,461,228****Activity Type:**

NDR - Supporting Leverage

**Project Number:**

13-DS/SL-Supporting Leverage

**Projected Start Date:**

09/18/2014

**Project Draw Block by HUD:**

Not Blocked

**Activity Draw Block by HUD:**

Not Blocked

**Block Drawdown By Grantee:**

Not Blocked

**National Objective:**

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

**Benefit Report Type:**

NA

**Activity Status:**

Completed

**Project Title:**

Supporting Leverage

**Projected End Date:**

12/31/2017

**Project Draw Block Date by HUD:****Activity Draw Block Date by HUD:****Total Budget:** \$ 0.00**Most Impacted and Distressed Budget:** \$ 0.00**Other Funds:** \$ 1,461,228.00**Total Funds:** \$ 1,461,228.00**Ancillary Activities**

None

**Proposed budgets for organizations carrying out Activity:****Responsible Organization**

Iowa Department of Agriculture and Land Stewardship

Iowa Economic Development Authority

**Organization Type**

State Agency

State Agency

**Proposed Budget**

\$ 0.00

\$ 0.00

**Funding Source Name**

Iowa Department of Agriculture and Land Stewardship

**Matching Funds**

No

**Funding Amount**

\$ 1,461,228.00

**Location Description:**

Benton and Tama Counties

Black Hawk and Tama Counties

Adubon County

Montgomery and Pottawattamie Counties

Carroll County

Buena Vista County



**Activity Description:**

This is a combination of supporting leverage for all 9 activities.  
Description:

Water Quality Initiative - Benton/Tama Targeted Demonstration Project. Installation of erosion control structures and completion of agricultural management practices identified in the Iowa Nutrient Reduction Strategy.  
Water Quality Initiative - Miller Creek Targeted Demonstration Project. Installation of erosion control structures and completion of agricultural management practices identified in the Iowa Nutrient Reduction Strategy.  
Water Quality Initiative - Bluegrass & Crabapple Targeted Demonstration Project. Installation of erosion control structures and completion of agricultural management practices identified in the Iowa Nutrient Reduction Strategy.  
Water Quality Initiative - Walnut Creek Targeted Demonstration Project. Installation of erosion control structures and completion of agricultural management practices identified in the Iowa Nutrient Reduction Strategy.  
Water Quality Initiative - Elk Run Creek Targeted Demonstration Project. Installation of erosion control structures and completion of agricultural management practices identified in the Iowa Nutrient Reduction Strategy.  
Water Quality Initiative - Headwaters North Raccoon Targeted Demonstration Project. Installation of erosion control structures and completion of agricultural management practices identified in the Iowa Nutrient Reduction Strategy.  
Publicly Owned Lakes Cost-Share Program. Installation of erosion control structures in the Prairie Rose Lake watershed  
Watershed Protection Fund- Installation of erosion control structures in the Dry Creek watershed  
Watershed Protection Fund- Installation of erosion control structures in the Silver Creek watershed

Activity complete. Performance measures have been met & activity has been closed. 12/31/17.

**Environmental Assessment:** EXEMPT

**Environmental Reviews:** None

**Activity Attributes:** None

**Activity Supporting Documents:** None

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**Action Plan History**

| <b>Version</b>        | <b>Date</b> |
|-----------------------|-------------|
| B-13-DS-19-0001 AP#30 | 01/22/2023  |
| B-13-DS-19-0001 AP#29 | 10/31/2022  |
| B-13-DS-19-0001 AP#28 | 10/17/2022  |
| B-13-DS-19-0001 AP#27 | 07/16/2022  |
| B-13-DS-19-0001 AP#26 | 04/15/2022  |
| B-13-DS-19-0001 AP#25 | 01/19/2022  |
| B-13-DS-19-0001 AP#24 | 10/28/2021  |



|                       |            |
|-----------------------|------------|
| B-13-DS-19-0001 AP#23 | 10/19/2021 |
| B-13-DS-19-0001 AP#22 | 07/26/2021 |
| B-13-DS-19-0001 AP#21 | 04/15/2021 |
| B-13-DS-19-0001 AP#20 | 01/19/2021 |
| B-13-DS-19-0001 AP#19 | 10/16/2020 |
| B-13-DS-19-0001 AP#18 | 07/16/2020 |
| B-13-DS-19-0001 AP#17 | 04/17/2020 |
| B-13-DS-19-0001 AP#16 | 01/23/2020 |
| B-13-DS-19-0001 AP#15 | 10/24/2019 |
| B-13-DS-19-0001 AP#14 | 10/21/2019 |
| B-13-DS-19-0001 AP#13 | 07/26/2019 |
| B-13-DS-19-0001 AP#12 | 04/23/2019 |
| B-13-DS-19-0001 AP#11 | 01/29/2019 |
| B-13-DS-19-0001 AP#10 | 10/26/2018 |
| B-13-DS-19-0001 AP#9  | 07/12/2018 |
| B-13-DS-19-0001 AP#8  | 04/20/2018 |
| B-13-DS-19-0001 AP#7  | 01/31/2018 |
| B-13-DS-19-0001 AP#6  | 10/13/2017 |
| B-13-DS-19-0001 AP#5  | 07/21/2017 |
| B-13-DS-19-0001 AP#4  | 04/28/2017 |
| B-13-DS-19-0001 AP#3  | 04/14/2017 |
| B-13-DS-19-0001 AP#2  | 01/25/2017 |
| B-13-DS-19-0001 AP#1  | 11/30/2016 |

