

**MINUTES OF THE
ENVIRONMENTAL PROTECTION COMMISSION
MEETING**

December 17, 2019

**State of Iowa Capitol Room 116
1007 East Grand Ave, Des Moines, IA**

Approved by the Commission January 22, 2020

RECORD COPY

File Name Admin 1-1-1

Sender's Initials jzs

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Meeting Minutes

CALL TO ORDER

The meeting of the Environmental Protection Commission was called to order by Chairperson Ralph Lents at 10:30 a.m. on December 17, 2019 at the State of Iowa Capitol in Des Moines, IA.

COMMISSIONERS PRESENT

Stephanie Dykshorn
Amy Echard
Lisa Gochenour
Rebecca Guinn

Harold Hommes
Tim Kaldenberg
Ralph Lents
Bob Sinclair

COMMISSIONERS ABSENT

Howard Hill

APPROVAL OF AGENDA

Motion was made by Bob Sinclair to approve the agenda as presented. Seconded by Amy Echard. Motion passes.

AGENDA APPROVED

APPROVAL OF MINUTES

Motion was made by Bob Sinclair to approve the November 19, 2019 EPC minutes as presented. Seconded by Lisa Gochenour. Motion passes.

APPROVED AS PRESENTED

MONTHLY REPORTS

- Division Administrator Ed Tormey shared with the Commission his excitement for the Field Office overview video coming later during the meeting. He also provided a reminder that the deadline for public comments regarding the draft Clean Water Act 303d list (commonly known as the impaired waters list) ends December 28th.
- Division Administrator Ed Tormey updated the Commission that the Easy Air online permit application program went live earlier this month. Later this week there will be a webinar for about 200 stakeholders to learn more about the application. At this point, over 400 users have applied for an Easy Air account.
- Division Administrator Ed Tormey announced by the end of the week hiring will be complete for the Water Quality Bureau Chief and Land Quality Bureau Chief.
- The monthly reports have been posted on the Department’s website under the appropriate meeting month: <http://www.iowadnr.gov/About-DNR/Boards-Commissions>

INFORMATION

DIRECTOR’S REMARKS

- Director Kayla Lyon shared with the Commission her excitement for the Easy Air online permit application success and how the system could assist other permits the agency issues. The legislative session will begin in January. The Department did not propose any legislation this session. She and her leadership team attended the EPA Region 7 and 4 State Directors Meeting in Kansas City to address common issues like small community wastewater systems.

INFORMATION

DNR FIELD SERVICES BUREAU OVERVIEW

Jason Marcel, Field Services and Compliance Bureau Chief, provided a handout to Commissioners containing a map of the state, contact information, and major programs for technical support and compliance. He summarized the major functions and approximate number of annual activities of the bureau. He played a video where each of the six districts shared a summary of their work in the field with businesses, stakeholders, and citizens.

INFORMATION

FINAL RULE – CHAPTER 65 – ANIMAL FEEDING OPERATIONS DEFINITION OF COMMON OWNERSHIP

Kelli Book, Attorney, presented the final rule proposal. The agency received about 15 public comments at the public meeting and about 150 written comments.

Public Comments – None

Written Comments – None

Motion was made by Bob Sinclair to approve the final rule proposal. Seconded by Tim Kaldenberg. Motion passes.

APPROVED AS PRESENTED

CONTRACT WITH IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP (IDALS) FOR YELLOW RIVER HEADWATERS WATER QUALITY PROJECT

Steve Konrady presented a contract for the Yellow River headwater project. He shared examples of working with farmers for agriculture related projects like covering feedlots, capturing manure, and increasing storage. He explained the DNR Fisheries Bureau’s diversification approach for reintroducing trout to Iowa streams. Phases of the projects are determined by the project coordinator but typically three phases are normal for large watershed projects.

Public Comments – None

Written Comments – None

Motion was made by Tim Kaldenberg to approve the agenda item as presented. Seconded by Lisa Gochenour. Motion passes.

APPROVED AS PRESENTED

CLEAN WATER AND DRINKING WATER STATE REVOLVING LOAN FUND – FY 2020 INTENDED USE PLAN THIRD QUARTER UPDATE

Theresa Enright presented the quarterly update for the State Revolving Fund. She summarized the updates to incorporate additional sponsored projects. By increasing the \$10 million project cap to \$12.5 million, the program was able to fund all the applications.

Public Comments – None

Written Comments – None

Motion was made by Bob Sinclair to approve the agenda item as presented. Seconded by Rebecca Guinn. Motion passes.

APPROVED AS PRESENTED

ENVIRONMENTAL MANAGEMENT SYSTEM ANNUAL REPORT

Jennifer Wright, Supervisor, recognized Leslie Goldsmith for her accomplishment and acknowledged Leslie’s retirement at the end of December. Leslie Goldsmith shared how she built the voluntary program from scratch to assist waste management facilities with efficiencies in an ever-changing world of waste arriving at their facilities.

Commissioners expressed their appreciation of Leslie, the program and tours of landfill facilities.

Public Comments – None

Written Comments – None

INFORMATION

GENERAL DISCUSSION

- Jerah Sheets, Board Administrator, summarized the upcoming meeting schedule for January and February.
- Chairperson Ralph Lents requested from Commissioners topics to share during the Joint NRC/EPC meeting in January.
- Jerah Sheets, Board Administrator, provided a deadline reminder of the summer 2020 biennial report of the Commission.

ADJOURN

Chairperson Lents adjourned the Environmental Protection Commission meeting at 11:40 a.m. on December 17, 2019.

Motion was made by Stephanie Dykshorn to adjourn. Seconded by Bob Sinclair. Motion passes.

ADJOURNED

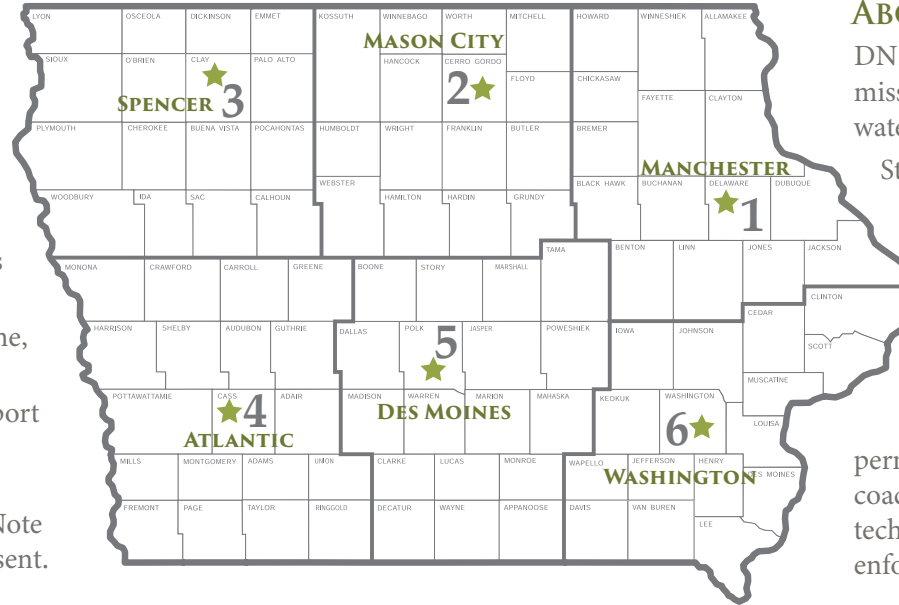
WORKING WITH YOU TO PROTECT OUR AIR, LAND AND WATER

COUNTING ON YOU

The DNR relies on interested and concerned people to report potentially hazardous conditions.

Call your local Field Office as soon as possible if you observe:

- **Fish kill**—Report numbers, sizes and species involved, if known.
- **Chemical spills**—Note location, date and time, and party responsible, if known.
- **Strange color or odor** in stream or river. Report with a description. Note if aquatic life or fish seem stressed or are dead.
- **Improper disposal** of hazardous materials. Note if drums, cans or plastic buckets, etc. are present.
- **Illegal solid waste dumping.**
- **Illegal burning.**

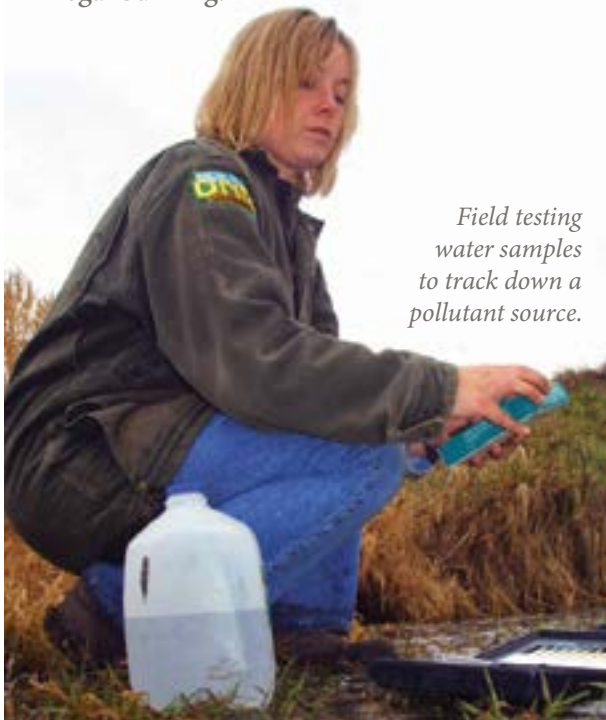


ABOUT DNR FIELD OFFICES

DNR's trained field specialists are on the same mission you're on—to protect Iowa's air, land and water.

Staff at six field offices help citizens, businesses and towns comply with Iowa's environmental laws and programs. Staff investigate complaints and provide cleanup oversight to hazardous substance spills and environmental emergencies.

They routinely inspect facilities with DNR permits, assisting them to meet technical permit requirements. DNR staff's goal is coaching for compliance—providing the needed technical assistance—rather than pursuing costly enforcement action.



Field testing water samples to track down a pollutant source.

FIND YOUR FIELD OFFICE

NORTHEAST IOWA
Field Office 1
Manchester
563-927-2640

SOUTHWEST IOWA
Field Office 4
Atlantic
712-243-1934

NORTH CENTRAL
Field Office 2
Mason City
641-424-4073

SOUTH CENTRAL
Field Office 5
Des Moines
515-725-0268

NORTHWEST IOWA
Field Office 3
Spencer
712-262-4177

SOUTHEAST IOWA
Field Office 6
Washington
319-653-2135

OFFICE HOURS

8 a.m. to 4:30 p.m M–F
Call the Environmental Reporting Hotline at 515-725-8694 on weekends and holidays.

WEBSITE: www.iowadnr.gov/fieldoffice

COACHING FOR COMPLIANCE

in these and other program areas:

- Air quality
- Animal feeding operations
- Drinking water
- Emergency response
- Floodplains
- Storm water
- Solid waste
- Underground tanks
- Wastewater



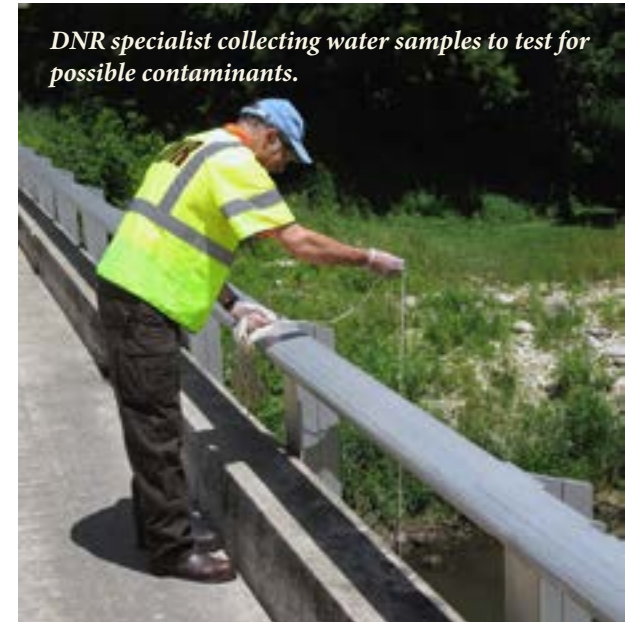
Inspecting, explaining complex rules or responding to a complaint—all in a day’s work—as DNR environmental specialists help people meet state regulations.

TIPS FOR FILING A COMPLAINT

Report it as soon as you see it—if you wait too long, staff may not be able to verify the complaint.

- Take photos or video
- Keep a log with dates and times
- Be specific about the location
- Identify the party responsible if possible—Company name, license plate number, etc.
- You can remain anonymous

In case of an emergency, call 911.



DNR specialist collecting water samples to test for possible contaminants.

DNR FIELD OFFICES

WORKING WITH YOU
TO PROTECT OUR
AIR, LAND & WATER

**Chemical spill? Fish kill?
Illegal burning or
solid waste dumping?**

If you see a threat
to our environment, contact
your DNR field office.

THE DNR’S MISSION

To conserve and enhance our natural resources in cooperation with individuals and organizations to improve the quality of life in Iowa and ensure a legacy for future generations.



IOWA DEPARTMENT OF NATURAL RESOURCES

Wallace State Office Building
502 East Ninth Street
Des Moines IA 50319-0034
Phone: 515-725-8200
Fax: 515-725-8202

JANUARY 2020 – EPC / NRC MEETINGS

- Tuesday, January 21, 2020 6:00p Optional – EPC/NRC Dinner
Tentative Location: Buzzard Billy’s, Des Moines, IA
- Wednesday, January 22, 2020 7:30a-9:30a Optional - DNR Legislative Meet and Greet
State Capitol Bldg, Capitol Legislative Dining Area, Des Moines
- Wednesday, January 22, 2020 10:00a-12:30p NRC/EPC Joint Meeting (Informational)
DNR, 502 E 9th St, Conference Rm 2North, Des Moines, IA
- Wednesday, January 22, 2020 1:00p NRC Business Meeting
DNR, 502 E 9th St, Conference Rm 2North, Des Moines, IA
*For NRC business meeting details visit:
www.iowadnr.gov/About-DNR/Boards-Commissions/Natural-Resource-Commission*
- Wednesday, January 22, 2020 1:00p EPC Business Meeting
DNR, 502 E 9th St, Wallace Auditorium, Des Moines, IA
*For EPC business meeting details visit:
www.iowadnr.gov/About-DNR/Boards-Commissions/Environmental-Protection-EPC*

EPC / NRC Joint Commission Informational Meeting AGENDA DRAFT		Environmental Protection Commission and Natural Resource Commission Wednesday, January 22, 2020 - 10:00am Wallace Building, DNR Conference Room 2 North 502 East 9 th Street, Des Moines, Iowa
10:00 a.m.	Introductions	Commissioners
10:15 a.m.- 10:45 a.m.	Director Remarks	DNR Director
	Opening Remarks - EPC	Ralph Lents, Chair
	Opening Remarks / Annual Report - NRC	Margo Underwood, Chair
10:45 a.m. – 11:00 a.m.	DNR Budget	DNR Staff
11:00 a.m. – 11:15 a.m.	Legislative Update	DNR Staff
11:15 a.m. – 11:30 a.m.	Legal Updates: Consent to Sell Appeals Code Change	Kelli Book, Acting Legal BC
11:30 a.m. – 11:55 a.m.	Disease Updates: African Swine Fever (ASF), Chronic Wasting Disease (CWD)	DNR Staff
11:55 a.m. – 12:15 p.m.	Iowa Nutrient Reduction Strategy Update; WQB Cooperative Efforts between ESD and CRD	DNR Staff
12:15 p.m. - 12:30 p.m.	General Discussion	Commissioners
12:30 p.m.	Adjourn	

Any person attending the public meeting and has special requirements such as those related to mobility or hearing impairments should contact the DNR or ADA Coordinator at 515-725-8200, Relay Iowa TTY Service 800-735-7942, or Webmaster@dnr.iowa.gov, and advise of specific needs.

Agenda

Environmental Protection Commission

Tuesday, December 17, 2019
State of Iowa Capitol
1007 East Grand Ave
Room 116
Des Moines, IA

Tuesday, December 17, 2019 – EPC Business Meeting, Des Moines, Iowa

10:30 AM – EPC Business Meeting

If you are unable to attend the business meeting, comments may be submitted to Jerah Sheets at Jerah.Sheets@dnr.iowa.gov or 502 East 9th St, Des Moines IA 50319 up to one day prior to the business meeting for the public record.

1	Approval of Agenda	
2	Approval of the Minutes	
3	Monthly Reports	Ed Tormey (Information)
4	Director's Remarks	Kayla Lyon (Information)
5	DNR Field Services Bureau Overview	Jason Marcel (Information)
6	Final Rule – Chapter 65 – Animal Feeding Operations Definition of Common Ownership	Kelli Book (Decision)
7	Contract with P7 Marketing Inc. Moved to January 22, 2020 agenda	Kathleen Hennings (Decision)
8	Contract with Iowa Department of Agriculture and Land Stewardship (IDALS) for Yellow River Headwaters Water Quality Project	Steve Konrady (Decision)
9	Clean Water and Drinking Water State Revolving Loan Fund – FY 2020 Intended Use Plan Third Quarter Update	Theresa Enright (Decision)
10	Environmental Management System Annual Report	Jennifer Wright (Information)
11	General Discussion	
12	Items for Next Month's Meeting	
	<ul style="list-style-type: none">• Wednesday, January 22, 2020 at 10 AM – NRC/EPC Joint Meeting – Polk County• Wednesday, January 22, 2020 at 1 PM – EPC Business Meeting – Polk County• Tuesday, February 18, 2020 at 10:30 AM – EPC Business Meeting – Polk County	

For details on the EPC meeting schedule, visit <http://www.iowadnr.gov/About-DNR/Boards-Commissions>

¹Comments during the public participation period regarding proposed rules or notices of intended action are not included in the official comments for that rule package unless they are submitted as required in the Notice of Intended Action.

Any person attending the public meeting and has special requirements such as those related to mobility or hearing impairments should contact the DNR or ADA Coordinator at 515-725-8200, Relay Iowa TTY Service 800-735-7942, or Webmaster@dnr.iowa.gov, and advise of specific needs.

**MINUTES OF THE
ENVIRONMENTAL PROTECTION COMMISSION
MEETING**

November 19, 2019

**State of Iowa Capitol Room 116
1007 East Grand Ave, Des Moines, IA**

Approved by the Commission **DATE**

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20ESDWQBKAMEN-0002: Boone River WMA – Fiscal Agent: Wright County4

20ESDWQBMSTEV-0001: Lower Cedar River WMA – Fiscal Agent: Johnson County4

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 Approved as Presented5

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 Approved as Presented5

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Meeting Minutes

CALL TO ORDER

The meeting of the Environmental Protection Commission was called to order by Chairperson Ralph Lents at 10:30 a.m. on November 19, 2019 at the State of Iowa Capitol in Des Moines, IA.

COMMISSIONERS PRESENT

- Stephanie Dykshorn
- Amy Echard
- Lisa Gochenour
- Rebecca Guinn
- Howard Hill
- Harold Hommes
- Tim Kaldenberg
- Ralph Lents

COMMISSIONERS ABSENT

- Bob Sinclair

APPROVAL OF AGENDA

Motion was made by Howard Hill to approve the agenda as presented. Seconded by Lisa Gochenour. Motion passes.

AGENDA APPROVED

APPROVAL OF MINUTES

Motion was made by Tim Kaldenberg to approve the October 15, 2019 EPC minutes as presented. Seconded by Rebecca Guinn. Motion passes.

APPROVED AS PRESENTED

MONTHLY REPORTS

- Division Administrator Ed Tormey provided an update on the court case where EPC members were named as defendants. The Attorney General’s Office motion to dismiss the lawsuit was denied by the district court. The Attorney General’s Office filed an interlocutory appeal in which the Supreme Court accepted the request. The matter has been sent to the Iowa Supreme Court to determine the schedule for the case.
- On Thursday, November 14, 2019, the Department released the 303d list commonly known as the impaired waters report. The draft report is available for public comment.
- In December, the Easy Air online air quality permit system will go live. Air quality Title V and construction permit requests may be filed online rather than in paper format. Stakeholders assisted the agency with designing and testing the new system.
- Catharine Fitzsimmons, Air Quality Bureau Chief, explained the background and process for each denied variance request.
- The monthly reports have been posted on the Department’s website under the appropriate meeting month: <http://www.iowadnr.gov/About-DNR/Boards-Commissions>

INFORMATION

DIRECTOR'S REMARKS

- Director Kayla Lyon shared with the Commission her efforts over the past four months of working with staff in the field, meeting legislators, touring flood impacted areas, and engaging community stakeholders with water quality efforts. In December, she is working with her counterparts in other midwestern states on collaborative environmental efforts. The Department has posted and will be hiring a Water Quality Bureau Chief and a Land Quality Bureau Chief. She announced Alex Moon as the Deputy Director of the Department.
- Alex Moon introduced himself and provided a summary of his 20-year tenure with the Department in various roles.
- Commissioner Howard Hill shared with the Director the challenges with the delayed corn harvest, compromised propane availability for grain processors, and concerns for manure application with pending cold weather. He provided accolades regarding the radio interview by a Department staff person who explained the impact and process of manure application on frozen ground. He encouraged the Director to continue communicating on this issue with not only land owners but also certified applicators.

INFORMATION

CONTRACT AMENDMENT # 01 TO CONTRACT NUMBER 20ESDWQBKONR-0002 WITH DEPARTMENT OF ADMINISTRATIVE SERVICES (DAS)

Steve Konrady presented a contract amendment with the Department of Administrative Services. He shared the process for contract bidding and timing of planting. He explained DAS's current process requiring prior approval for funding before obtaining construction bids. In the future, DNR will work to ensure that construction bids are obtained prior to review by the Commission.

Public Comments – None

Written Comments – None

<i>Motion was made by Rebecca Guinn to approve the agenda item as presented. Seconded by Stephanie Dykshorn. Harold Hommes voted No. Motion passes.</i>

APPROVED AS PRESENTED

MADISON COUNTY DEMAND FOR HEARING

David Steward from the Attorney General's Office provided the procedures for the Commission. Materials for the Commission were submitted prior to the meeting and no additional materials are to be distributed. The presentations will be in order of the county, applicant, and department within a timeframe determined by the Chairperson. Commissioners will discuss the matter and make a motion to approve or disapprove the draft permit. If there is a conflict of interest for a Commissioner, they are to recuse themselves. Chairperson Lents announced each party would be provided up to 15 minutes to present.

Jeff Nicholl represented Madison County Zoning. The site currently has an existing building and the owners are constructing an additional building making it one facility. This subjects them to the master matrix. He reviewed the application and the county believes the separation distance measurement should be from the existing building and not from the proposed building. By measuring from the existing building, the application does not receive points for the category and thus fails the master matrix. Madison County registers annually to utilize the master matrix. He was unaware of the year when the master matrix was created but Madison County has participated every year.

Eldon McAfee represented the applicant. With him were the owners Brent and Teresa Voss and representatives from Pinnacle who prepared documents. He directed Commissioners to page two, item C of

the applicant’s response to point out the legal language of measuring separation distance from the proposed structure and not from the existing structure. He agreed with the Department’s review of the distances from the proposed structure and the Department’s approval of the master matrix points for the category and thus passing the master matrix.

Brent Voss provided a summary of their farming operation with crops, hogs, and cattle along with their interest to expand the hog facility. Each year, they invite the DNR to the farm to learn how to be better stewards of the land. The new building has its own manure containment structure.

Kelli Book represented the Department. To her aid was the Department engineer Cindy Garza and field office site inspector Dennis Thielen. She summarized the process of the Department receiving an application and conducting a site survey checking measurements for separation distance and manure management plan. Since Madison County is registered to score the master matrix, the county reviews the application and scores the master matrix. Any county review of the master matrix that results in a denial of the application requires the Department to conduct an independent review of the master matrix. Cindy Garza conducted the independent review, provided points for the separation distances from the proposed building, and determined the application passed the master matrix. At that point, Cindy Garza issued a draft construction permit. The county has the right to appeal the draft permit to the Commission.

David Steward advised the Commission to make a motion to approve or deny the permit.

Motion was made by Howard Hill to approve the permit. Seconded by Tim Kaldenberg. Tim Kaldenberg-yea, Bob Sinclair-absent, Lisa Gochenour-yea, Howard Hill-yea, Rebecca Guinn-yea, Stephanie Dykshorn-yea, Amy Echard-yea, Harold Hommes-yea, and Ralph Lents-yea. Motion passes.

PERMIT APPROVED

CONTRACTS

20ESDWQBKONR-0006: SOUTH CENTRAL IOWA CEDAR CREEK WMA – FISCAL AGENT: MONROE COUNTY SOIL & WATER CONSERVATION DISTRICT

20ESDWQBKAMEN-0002: BOONE RIVER WMA – FISCAL AGENT: WRIGHT COUNTY

20ESDWQBMSTEV-0001: LOWER CEDAR RIVER WMA – FISCAL AGENT: JOHNSON COUNTY

Steve Konrady presented contracts for developing watershed plans in three different Watershed Management Authorities (WMA).

Public Comments – None

Written Comments – None

Motion was made by Harold Hommes to approve the South Central Iowa Cedar Creek WMA contract as presented. Seconded by Lisa Gochenour. Motion passes.

APPROVED AS PRESENTED

Motion was made by Harold Hommes to approve the Boone River WMA contract as presented. Seconded by Tim Kaldenberg. Motion passes.

APPROVED AS PRESENTED

Motion was made by Harold Hommes to approve the Lower Cedar River WMA contract as presented. Seconded by Howard Hill. Motion passes.

APPROVED AS PRESENTED

CONTRACT WITH IOWA STATE UNIVERSITY FOR WATER ROCKS!: YOUTH WATER EDUCATION CAMPAIGN

Steve Konrady presented a contract with Iowa State University.

Public Comments – None

Written Comments – None

Motion was made by Howard Hill to approve the agenda item as presented. Seconded by Lisa Gochenour. Motion passes.

APPROVED AS PRESENTED

RECOMMENDATION TO EXTEND THE MERCURY-ADDED SWITCH RECOVERY FROM END-OF-LIFE VEHICLES PROGRAM

Theresa Stiner presented a legislative recommendation for the Commission. She summarized the process for mercury switch recovery and recycling. The industry financially supports the \$5 per switch incentive, collection containers, and shipping of containers. EPA provided a grant to promote the program which may correlate to the years of higher switch collection. The industry estimates the number of vehicles being processed without removing the switches along with how many vehicles are yet to be processed.

Public Comments – None

Written Comments – None

Motion was made by Howard Hill to approve the agenda item as presented. Seconded by Rebecca Guinn. Motion passes.

APPROVED AS PRESENTED

Chairperson Lents reminded the Commission the Field Services and Compliance Bureau Overview was moved to the December agenda.

GENERAL DISCUSSION

Roger Bruner, Department Supervisor of the Water Monitoring and Assessment section, provided an overview of the Clean Water Act 303d list which is commonly referred to as the impaired waters list. He explained how data from overlapping five-year time frames are reviewed to compile the report. All the data being reviewed is available to the public on the website. The report does not measure magnitude of the water quality impairments nor does it consider changing water quality standards. The Department drafts the report to share with the public and obtain their comments on the draft report. After the public input, EPA reviews the list. He explained how impairments are in segments and how river segments are determined. Even when a stream segment is no longer impaired, it will stay on the impaired list for an additional period of time before being removed. He explained each of the categories 1-5 and shared the differences from the previous report.

Howard Hill excused himself from the remainder of the meeting.

Mary Ann Koch, Iowa Citizens for Community Improvement and Women's International League for Peace
May Ann Koch is interested in water and knows it is complicated. Statistically an increase of 17 impaired waterways in not much but it is significant in comparison to the other 750 impaired waterways. Water quality is not getting better because of hog confinements and animal feedlots are impacting the water. She believes the voluntary nutrient reduction strategy is not doing its job. She shared a story of a young person who came to her door and shared he was from the east coast and the challenges he was having for his digestive system and skin because of the water in Iowa. She estimates he will not choose to live in Iowa and will share with his friends that Iowa is not a good place to live. Water is life.

Betty Selmon, Iowa Citizens for Community Improvement

Betty Selmon thanked Roger Bruner for the great report of the impaired waters last week at the media event. After the event, she went home and looked at the water website to learn more about impaired waters. She believes it is a great website for the information and very user friendly. She was most interested in category 5 waters on the website and specifically three waterways that she and her family often have used over the past 40 years. She has watched the waters change over the past few decades. She was a biology teacher and took her students to Saylorville Lake to collect water samples. She and her family and friends are leaving the state to enjoy better quality waters. Magnitude and trends are important to incorporate into the data. The Madison County farmer may have talked with the immediate neighbors but the hog confinement will impact the state's reservoirs, rivers, and lakes.

Adam Mason, Iowa Citizens for Community Improvement

Adam Mason shared with the Commission the Madison County hearing was not a new issue and will continue to come up because it is a legal issue. When a master matrix is denied, the applicant will construct a facility with one animal unit less than the master matrix threshold to avoid regulations. ICCL is willing to work with the Department to correct the loophole.

Jerah Sheets, Board Administrator, provided a general reminder that the meeting start time has been updated to 10:30 a.m. He also summarized the upcoming meeting schedule.

ADJOURN

Chairperson Lents adjourned the Environmental Protection Commission meeting at 12:25 p.m. on November 19, 2019.

ADJOURNED

**Monthly Variance Report
November 2019**

Item #	DNR Reviewer	Facility/City	Program	Subject	Decision	Date	Agency Reference
1	Julie Duke	Quad County Corn Processors	Air Quality	Quad County Corn Processors is requesting to move corn in Dump Pit #2 on Saturday 11-2-2019 and Sunday 11-3-2019.	denied	11/1/19	19aqv308
2	Marty Jacobs	City of Lake View	Wastewater	Robert W. Terrell is requesting variance from the Design Standards Chapter 13 – Wastewater Pumping Stations and Force Mains – 13.4.3 (Pump Openings) for installing a lift station pump that does not have the capability to pass a 3-inch solid.	approved	11/1/19	19cpv309
3	Reid Bermel	Gerdau Wilton	Air Quality	Gerdau wants to temporarily use five – 250 hp generators without obtaining construction permits.	approved	11/5/19	19aqv310
4	Karen Kuhn	John Deere	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	approved	11/6/19	19aqv311
5	Reid Bermel	Southwest Iowa Renewable Energy, LLC	Air Quality	SIRE to temporarily store 750,000 bushels of grain on the ground without obtaining construction permits.	approved	11/6/19	19aqv312
6	Chad Billings	IA Hwy 1 Bridge Replacements & Culverts	Flood Management and Dam Safety	Iowa DOT is requesting low damage potential Q100 backwater criteria waiver/variance to 567 IAC 72.1(1)(a) (bridges, culverts and roadway embankments). Proposed crossing results in approx 3.1' of Q100 backwater, above 1.5' Q100 backwater allowed.	approved	11/6/19	19fpv313
7	Chad Billings	The River Apartment and Townhome Devel	Flood Management and Dam Safety	The applicant is requesting a Q100 Minimum Protection Level (MPL) criteria waiver/variance to Iowa Administrative code 567 IAC 72.5(1) for (high damage potential) buildings.	approved	11/6/19	19fpv314
8	Priyanka Painuly	Cambrex Charles City, Inc.	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	approved	11/7/19	19aqv315
9	Priyanka Painuly	Engineering Services & Products Compan	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	approved	11/7/19	19aqv316
10	Ashley Dvorak	3M Inc.	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	approved	11/8/19	19aqv317
11	Marty Jacobs	City of North Liberty	Wastewater	North Liberty is requesting variance from Design Standards Chapter 13 – Wastewater Pumping Stations and Force Mains – 13.4.2 (Protection Against Clogging) for installing a lift station without a trash basket or provision for screening raw wastewater.	denied	11/12/19	19cpv318
12	Julie Duke	Quad County Corn Processors	Air Quality	Requesting to move corn in Dump Pit #2 on 11/02/2019 and 11/03/2019.	denied	11/1/19	19aqv319
13	John Curtin	City of Coralville- Municipal Wastewater	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement for one emergency diesel IC engine.	approved	11/15/19	19aqv320
14	Karen Kuhn	Iowa Army Ammunition	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	approved	11/22/19	19aqv321
15	Nina M. Booker	Plymouth County Sanitary Landfill	Sanitary Disposal	567 IAC 113.26(4)"b" requires that the water elevation in each monitoring well be measured monthly and recorded to the nearest 0.01 foot. Permit holder requests to change from monthly to semiannual measurements.	approved	11/18/19	19sdv322

16	Sheila Kenny/ Cindy Garza / Kelli Book	Reinke Farm Truck Wash	Animal Feeding Operation	The Animal Truck Wash Effluent from this facility does not consistent ly meet metal concentrations (aluminum, copper, iron) defined in 567 IAC 65.200(1). Additional parameter monitoring for land application may be included in the construction permit.	approved	11/21/19	19npv323
17	Marty Jacobs	City of Coralville	Wastewater	The City of Coralville is requesting variance from the Iowa Wastewater Facilities Design Standards Chapter 12 – Iowa Standards for Sewer Systems – 12.6 (Details of Construction) for the installation of HDPE gravity sewers by pipe bursting.	approved	11/22/19	19cpv324

**Iowa Department of Natural Resources
Environmental Protection Commission**

ITEM

6

DECISION**TOPIC**

**Final Rule – Chapter 65 –Animal Feeding Operations
Definition of Common Ownership**

The Commission is requested to adopt an amendment to Chapter 65, “Animal Feeding Operations,” Iowa Administrative Code. The purpose of the amendment is to change the definition of “common ownership” to remove the word "majority" and replace it with “10 percent or more,” meaning that a person, business entity or any other ownership structure would be considered a common owner if there is an ownership interest of 10 percent or more of two or more confinement feeding operations located within the regulated separation distances of one another

One public hearing was held in October 2019 and oral comments were heard. Additionally, the Department received written comments on the proposed amendment. A responsiveness summary addressing the comments received is attached. As a result of the written and oral comments, the Department recommends adoption of the amendment as published in the Notice of Intended Action.

Kelli Book
Acting General Counsel/Legal Services Bureau Chief

November 25, 2019

ENVIRONMENTAL PROTECTION COMMISSION [567]

Adopted and Filed

The Environmental Protection Commission (Commission) hereby amends Chapter 65, “Animal Feeding Operations,” Iowa Administrative Code.

Legal Authority for Rule Making

This rule making is adopted under the authority provided in Iowa Code section 459.103.

State or Federal Law Implemented

This rule making implements, in whole or in part, Iowa Code section 459.103.

Purpose and Summary

Pursuant to Chapter 5 and Iowa Code section 17A.7, the Iowa Pork Producers Association (IPPA) petitioned the Commission to amend the definition of “common ownership” as defined in rule 567—65.1(459,459B). IPPA proposed that the definition of “common ownership” be amended to replace the term “majority” with the phrase “10 percent or more.” IPPA contended in its petition that the proposed amendment “is intended to promote continued environmentally responsible livestock production in compliance with all applicable law by ensuring that multiple limited liability companies or other business entity structures with the same owners cannot be used for the purpose of avoiding environmental regulation by having all owners hold less than a majority, and none with a ten percent or more, ownership interest with each company owning a different confinement feeding operation on the same farm.”

The Commission hereby agrees with this petition and amends the definition of “common ownership” in rule 567—65.1(459,459B) to remove the word “majority” and replace it with “10 percent or more,” meaning that a person, business or any other ownership entity subject to Iowa

Code chapter 459 would be considered a common owner (and hence a single animal feeding operation) if there is an ownership interest of 10 percent or more of two or more facilities located within the regulated separation distances of one another. The rule making will ensure that the ownership structures of confinement feeding operations are adequately addressed and that operations that should submit manure management plans and construction permits are doing so.

Public Comment and Changes to Rule Making

Notice of Intended Action for this rule making was published in the Iowa Administrative Bulletin on October 9, 2019, as **ARC 4689C**. A public hearing was held on October 29, 2019, at 1:00 p.m. in the Auditorium, Wallace State Office Building, Des Moines, Iowa. The meeting was attended by fifteen individuals, with eleven people providing oral comments. The Department of Natural Resources (Department) received approximately 150 written comments prior to the 4:30 p.m. October 29, 2019, deadline for public comments. The majority of the commenters were accepting of the rule, but did not think the rule went far enough. The majority of the comments requested that the rule making petition either be denied and more extensive rule making be initiated or that the existing rule be expanded.

The Commission notes that this rule making is narrow in scope as a response to a specific rule making petition. It concurs with the petitioner that the amended definition of “common ownership” will ensure that the rapidly changing ownership structures of confinement feeding operations are adequately addressed and will guarantee that operations that should submit manure management plans and construction permits are doing so. This amended definition balances the interests of producers and the environment to ensure that adequate oversight is taking place at facilities that should have manure management plans and/or construction permits. A summary of

the comments and the responses are available from the Department upon request. No changes from the Notice have been made.

Adoption of Rule Making

This rule making was adopted by the Commission on December 17, 2019.

Fiscal Impact

This rule making has a fiscal impact to the State of Iowa. It is anticipated there may be a minimal increase in permit fees, indemnity fees, and compliance fees submitted to the Department because there may be more confinement feeding operations that are required to submit a manure management plan, a construction permit application, or both. There is no anticipated increase in costs to the Department associated with implementing the amendment. Department employees who currently oversee manure management plans and construction permits will continue to do so; no additional personnel would be needed. There will be a minimal impact to a few facilities each year that previously would not have been required to submit a manure management plan or construction permit application, but now would be required to do so because of the change in the definition. The increased expenses would include consulting costs, as well as permit, compliance and indemnity fees. A copy of the fiscal impact statement is available from the Department upon request.

Jobs Impact

After analysis and review of this rule making, no impact on jobs has been found. A copy of the jobs impact statement is available from the Department upon request.

Waivers

Any person who believes that the application of the discretionary provisions of this rule making would result in hardship or injustice to that person may petition the Department for a waiver of the discretionary provisions, if any, pursuant to 561-Chapter 10.

Review by Administrative Rules Review Committee

The Administrative Rules Review Committee, a bipartisan legislative committee which oversees rule making by executive branch agencies, may, on its own motion or on written request by any individual or group, review this rule making at its regular monthly meeting or at a special meeting. The Committee's meetings are open to the public, and interested persons may be heard as provided in Iowa Code section 17A.8(6).

Effective Date

This rule making will become effective on February 19, 2020.

The following rule making action is adopted:

Amend rule **567—65.1(459,459B)**, definition of “Common ownership,” as follows:

“*Common ownership*” means the ownership of an animal feeding operation as a sole proprietor, or a ~~majority~~ 10 percent or more ownership interest held by a person, in each of two or more animal feeding operations as a joint tenant, tenant in common, shareholder, partner, member, beneficiary, or other equity interest holder. The ~~majority~~ ownership interest is a common ownership interest when it is held directly, indirectly through a spouse or dependent child, or both.

The following exceptions shall apply to this definition:

1. For an animal feeding operation structure constructed before [effective date of this rule], “common ownership” means the ownership of an animal feeding operation as a sole proprietor, or a majority ownership interest held by a person, in each of two or more animal feeding operations as a joint tenant, tenant in common, shareholder, partner, member, beneficiary, or other equity interest holder. The majority ownership interest is a common ownership interest when it is held directly, indirectly through a spouse or dependent child, or both.

2. This definition shall not apply to a dry bedded confinement feeding operation which is subject to the common ownership requirements in Iowa Code section [459B.103\(3\)](#)“a”(3).

**Summary of Comments
Received by the
Iowa Department of Natural Resources**

On a Proposed Change to 567 Iowa Administrative Code Chapter 65

INTRODUCTION

On July 1, 2019, the Iowa Pork Producers Association (IPPA) petitioned the Environmental Protection Commission (EPC) to amend the definition of “common ownership” as defined in 567 Iowa Administrative Code (IAC) 65.1. IPPA proposed to amend the definition of “common ownership” by replacing the term “majority interest” with the phrase “of 10 percent or more.” IPPA contended in its Petition that the proposed amendment “is intended to promote continued environmentally responsible livestock production in compliance with all applicable law by ensuring that multiple limited liability companies or other business entity structures with the same owners cannot be used for the purpose of avoiding environmental regulation by having all owners hold less than a majority, and none with a ten percent or more, ownership interest with each company owning a different confinement feeding operation on the same farm.”

On September 17, 2019, the EPC approved a Notice of Intended Action (NOIA) to amend the definition of “common ownership” in Chapter 65. The NOIA was published in the Iowa Administrative Bulletin on October 9, 2019, as ARC 4689C.

Written comments were accepted by the Department until October 29, 2019. A public hearing was held on October 29, 2019, at 1:00 at the Wallace Building in Des Moines, Iowa.

A summary of the public comments, along with the Department’s responses are below. Additionally, a list of the individuals who have submitted written comments and/or participated in the public hearing are listed below as well.

COMMENTS FROM PUBLIC HEARING

The following individuals presented comments during the public hearing:

NAME	CITY
Carberry, Mike	Iowa City, IA
Corderman, Jan	Pleasant Hill, IA
Donovan, Sharon	Clive, IA
Hawk, Shari	Ankeny, IA
Koch, Mary Ann	Urbandale, IA
Mogler, Drew	Clive, IA
Perkins, Keisha	Norwalk, IA
Rosenberg, Diane	Fairfield, IA
Selmon, Betty	Urbandale, IA
Vasto, Alicia	Des Moines, IA
Egan, Paula	Des Moines, IA

The comments from the public hearing have been transcribed and are included below. A copy of the transcript is available upon request.

1. Our association is a farmer led organization carrying out the mission of promoting, educating, and providing a leading voice for a sustainable, socially responsible, and globally competitive pork industry. We are asking the DNR to clarify rules that define common ownership of confinement animal feeding facility. Iowa pig farmers feel a deep responsibility to protect the environment and have long favored reasonable and responsible environmental rules for livestock production. The rule change that we are asking for enhances environmental compliance by lowering the threshold for common owner from majority ownership to ten percent ownership. Therefore, if a person or business entity has at least a 10% ownership in two or more adjacent confinement animal feeding facilities, then the two facilities are considered one and thus comply with the appropriate environmental regulations based on the total number of animals that are actually housed in the facility. The Iowa Pork Producers Association continues to support a regulatory structure that allows for clear understanding by Iowa pig farmers and enables a responsible industry approach. (Drew Mogler, Iowa Pork Producers)

Department Response: None

2. I am a farm girl; I am from western Iowa, Sac City, Iowa, where we have beautiful pigs on my dad's farm. I want to thank you for the opportunity to be here today and thank you for addressing this issue. The loophole is an issue and you have identified it and I think my only, the only thing I want to say today is, now that we have identified the loophole, lets close all of it. With that, I am going say I represent, well, I am one of the representatives for Women's International League for Peace and Freedom and the Iowa Association for Responsible Ag, so I

am going to defer to Diane Rosenberg for more of the details. But again, you have found the loophole, let's close it all the way. (Jan Corderman, Women's International League of Peace and Freedom)

Department Response: This rule making is narrow in scope as a response to a specific rule making petition. No further changes to the rule are being recommended.

3: We are a membership based organization with over five thousand members across the state of Iowa and although we think this proposed rule looks to be a step in the right direction, we do not think it goes far enough to protect Iowa from the exploitation of the factory farm industry. In light of the devastating impact that factory farms are having on Iowa communities in waterways, we just think that this rule fails to address a lot of our concerns. Like what was just mentioned, it definitely identifies the loophole, but it does not go far enough to close the loophole. It still allows families to avoid common ownership through LLCs. It does not change the definition of "common management" which currently does not include control over a contract facility by a contractor. Which, the way we see it, is continuing to let ag corporations off the hook. Another big problem we have with this rule is that, although it changes the definition of "common ownership" for future factory farms, it is not changing the definition for current ones. So, we see that as a problem as well. We are asking the DNR to deny to proposed rule, look into what would be most effective to close the LLC loophole, that currently exists, and then at that point a new rule can be proposed. Iowa CCI is happy to advise the DNR on the potential rule making passages to make sure that we are thoroughly addressing that loophole. Written comments supporting the oral comments were also submitted. (Keisha Perkins, Iowa Citizens for Community Improvement)

Department Response: This rule making is narrow in scope as a response to a specific rule making petition. Furthermore, it is the general rule in Iowa that statutes and rules are presumed to apply prospectively to actions that arise after the effective date of the statute or rule, unless there is an express enactment that makes it retrospective. See Iowa Code section 4.5; *Iowa Supreme Court Attorney Disciplinary Board v. K.G.T.*, 722 N.W.2d 787 (2006). The Department is recommending that this general rule be adhered to, and further believes that this approach is consistent with the legislative intent of Iowa Code section 459.103. No further changes to the rule are being recommended.

4. I do not claim to comprehend all the ins and outs of changing from majority to 10%. I do understand that it is way too little to accomplish the changes we need to address our health deprivation associated with our current polluted waterways and the production of manure that seeps into our waterways and causes extreme health conditions for people anywhere near those confinements. So, I ask that you deny this petition and consider changes that actually will do for more to improve our environment in Iowa. (Shari Hawk, Iowa Citizens for Community Improvement)

Department Response: This rule making is narrow in scope as a response to a specific rule making petition. The comments are outside of the narrow scope of the rule making. No further changes to the rule are being recommended.

5. The biggest objection to this rule making is that it is simply window dressing. It does not apply to all of the CAFOs, which would be logical, or the definition of “common ownership” should be changed. It clearly is not enough and I think most citizens in the State of Iowa recognize that. The biggest problem is that the Department of Natural Resources only seems to listen to the Iowa Pork proposals and does not show a balance to the citizens of the State of Iowa and their concerns and the other proposals that they have made over a period of time. So, we hope that they in the future there will be other proposals and we will definitely come down against this proposal, this rule making. (Sharon Donovan)

DNR Response: This rule making is narrow in scope as a response to a specific rule making petition. The comments are outside of the narrow scope of the rule making. No further changes to the rule are being recommended.

6. I am submitting these comments for J Fan and also for the Iowa Alliance. Thank you for having a public hearing and moving it to a place where we can all sit comfortably. I live in Jefferson County and I am very aware of most of the CAFOs that exist in the county. I can tell you first hand that while the Iowa Pork Producers Association’s proposed rule change is definitely a step in the right direction, it is a very small step that will not fix ninety-nine percent of the loopholes, the LLC loopholes, that allows CAFO owners to skirt DNR regulations. I think the DNR is aware of that and that the use of this loophole is rampant in the state. One of the biggest reasons we have this loophole is because of the way the DNR defines who owns the CAFO. Many CAFOs are built under an LLC name and that is whom the DNR recognizes as the owner. The LLC, and not the people behind the owner, excuse me, not the people behind the LLC. This loophole will never change unless that is addressed and the IPPA proposal conveniently does not go anywhere near that. In Jefferson County we have 59 hog confinements that are over 500 animal units, and another 14, that I am aware of, that are under 500 animal units. Of those, 24 CAFOs took advantage of the LLC loophole, and those are the ones that I know about. That meant there were at least 12 times, 12, that the master matrix could have been used and it was not. Only a pair of those 24 would have been impacted by the IPPA’s proposed rule change. Five of those 24 are 1,200 head CAFOs, so the owners even avoided submitting a manure management plan. I conservatively estimate that those CAFO owners are applying approximately 4.5 million gallons of manure each year, and we have absolutely no idea where it is going and if it is being applied at the correct rates to avoid runoff and additional water pollution. Those five also did not have to take the separation distances, from the neighbors, into account. If the DNR truly wants to fix the LLC loophole, and not just give lip service to it, they need to do it, they need to amend the proposal as recommended by the Iowa Alliance for Responsible Agriculture, of which J Fan is a member, in the following way. Including the IPPA’s rule, the definition should, the proposed, the rule should add to define the, first to define “common ownership” as what is held directly by individuals who have a 10% or more interest in the LLCs, regardless of relationship. 2: define “common ownership” to include the integrator that may

build the CAFO under an LLC. This definition should include all owners, directors, and employees of the integrator as well. 3: define “common ownership” to include CAFOs operated by various contract growers for a common integrator. The integrator owns the hogs, provides the feed, and directs their care. It is their property. This used to be the law, many years ago, and it should be the law again. 4: make the rule retroactive. This will require CAFOs under 500 animal units to submit and use the manure management plan to prevent the over application of manure and runoff. 5: require adjacent CAFOs built in different LLC name, that are later combined into one CAFO, to then submit a construction permit master matrix, in counties that adopt it, and if one were provided before, a manure management plan. We actually had this situation come up in Jefferson County, that I spoke to you a while back about, Kelli, and the DNR has no vehicle to require this. 6: define “common ownership” as CAFOs that use the same fields for manure disposal. These are all further illustrated in the Iowa Alliance public comments, which I am going to submit as well. Taking these steps would eradicate the LLC loophole and the avoidance of DNR regulations. These should be all amended into the proposed rule and if they are not amended then the rule should be stopped and redrawn. Written comments supporting the oral comments were also submitted. (Diane Rosenberg, Jefferson County Farmers and Neighbors and the Iowa Alliance for Responsible Agriculture)

Department Response: This rule making is narrow in scope as a response to a specific rule making petition. Additionally, contrary to commenter’s belief the new rule making would account for individual members of LLCs owning 10% or more in two neighboring facilities. If an individual has a 10% or more interest in the LLCs owning the two neighboring facilities and the facilities are within the regulated separation distances, the two facilities would be considered one animal feeding operation. With respect to the request to apply this rule retroactively, see the response in No. 3 above. No further changes to the rule are being recommended.

7. I spent the last four years as a Johnson County Supervisor, last year as the chair, and one of our jobs there, the main job, of a county supervisor is to protect the health, the safety, and the welfare of the citizens of Johnson County and the State of Iowa. The Environmental Protection Commission is organized to provide policy oversight over Iowa’s environmental protection efforts. What it is not, and what it should not be, is the Iowa Pork Industry Protection Commission. It needs to go much further than this 10% ownership rule change, amendment to these rules. We are already seeing, in eastern Iowa and all over the state, CAFOs being stacked up like cord wood, because of common ownership. Ten percent is not nearly enough. Iowa already has the worst water quality in the United States. Our air quality is atrocious, our quality of life is deteriorating. I plead, I ask, the EPC to do the job that it was charged with. Protect the environmental lives of the citizens of the State of Iowa and not to protect the pork industry profits. (Mike Cranberry)

Department Response: The Department supports the rule making in that the amended definition ensures that the ownership structures of confinement feeding operations are adequately

addressed to guarantee the operations that should submit manure management plans and construction permits are doing so. Additionally, the change in the definition balances the interests of producers and the environment to ensure that adequate oversight is taking place at facilities that should have manure management plans and/or construction permits.

8. The Iowa Environmental Council is a diverse alliance of more than 75 Iowa organizations and hundreds of individual members that work to create a safe, healthy environment and a sustainable future for Iowa. IEC's members float, fish, and recreate in the waters around the state. I believe that the proposed rule is a step in the right direction, but it does not go far enough to address divided ownership of the existing facilities, the new rule would only apply to future facilities. The DNR has not provided justification for requiring less oversight of existing facilities than future facilities, even though the types of facilities have identical operations. We propose that the new rule not be limited to future construction, but also apply retroactively to existing facilities. (Alicia Vasta, Iowa Environmental Council)

Department Response: See response to No. 3 above. No further changes to the rule are being recommended.

9. I have always been interested in Iowa and believe in the beauty of the state, the wonderfulness of the state. I never see it as something that is rather, just being some corn, it is a place to be protected. Therefore, this proposal by the Pork Producers Association seems to be helping a little. However, we know that the existing hog confinement places that we have in Iowa, at this present time, are way over enough to pollute the waters that we all are concerned about. So therefore, I think all of the rules have to be strengthened to do whatever they can. Anyone who has any, feeding confinement, of that sort, must be doing more to be, they must be held accountable for what they do. Our waters need protecting, they need to be cleaned up, drastically, right now. And so, this 10% thing for future CAFOs is nowhere close to what is needed at this time. The exiting CAFOs, or hog confinements, these types of confined animal feeding lots, need to be held to the strictest regulations that we can possible do. We do not have much time, we believe in all of these things that I am hearing from scientists all over the world. We do not have long to meddle around with this, so we have to be taking steps to do whatever we can, at this time, to protect our land, and our waters, and our air. (Mary Ann Koch, Iowa Citizens for Community Improvement and Women's International League of Peace and Freedom)

Department Response: This rule making is narrow in scope as a response to a specific rule making petition. The comments are outside of the narrow scope of the rule making. No further changes to the rule are being recommended.

10: I am from Urbandale, and I am a CCI member, but I am here to represent myself, and my family, who all live in Urbandale also, and to represent myself as a citizen of this state and a taxpayer, and as a person with a degree in biology, taught biology and environmental science for many years. I see the stuff that has been presented today, it is a small step, but it is really geared toward the ownership of these facilities. It is not about how they are being managed. What I have

learned, through CCI, we have got a water quality crisis on our hands, here in this state. A big contributor to this crisis are the CAFOs in the state, they need to be managed correctly. We have over 750 impaired waterways as a result of our water crisis and when I say impaired, they are impaired for recreation and of course they are impaired as the drinking water, so it requires a large amount of money for us to fix these waterways. Money that I pay as a taxpayer. I understand we have the most expensive water treatment plant in the country, so what we need, instead of the proposition that is made here today, we need to close the LLC loophole, among several things. We need to address the problem with the existing CAFOs that are in this state. This 10% ownership rule that is proposed today does not address any of this, so I am asking now, we do this the right way, we slow down, we deny this proposal today, we revise it, and we revise it with some input from us, the citizens, the humans who consume this water and recreate in this water for fishing, swimming, boating, whatever it is, and that we pay taxes that will remedy this problem. (Betty Selmon)

Department Response: See response to No. 7 above. No further changes to the rule are being recommended.

11. I moved here about three years ago from California where, living in Marion County, where we have the Marion Agricultural Land Trust and land is considered very sacred there. It is probably, it was a real shock to me when I arrived in Iowa, thinking oh, I grew up in the Midwest, and I love farm country, and I love going out and seeing what is happening with what human beings are doing with the land. Well, when I found out what the hogs were doing with the land. Making our water some of the most polluted in the country, and that Iowa itself has the most sophisticated nitrate reduction facility in the world, I thought oh, well we are taking care of the problem. I then I heard, no, no, no, no, this is really bad, that we have to have that here in Iowa. So, and then with climate change, and I just returned from California seeing what is happening with all the fires and all of the thousands, thousands, and hundreds of thousands of people without electricity for three days at a time. If we do not do something in Iowa to prepare for the environmental degradation that is really going to impact us also, we will not have the forest fires that they have in California, but we are going to have continued flooding, just like we had last spring. Five hundred year floods that are happening every few years, and it is just going to complicate and, well the amount of pollution is just going to be spread everywhere over the land. There is not going to be clean land anywhere to grow our food, to raise our families, and to live in. I am very concerned that the Department of Natural Resources and the EPC really need to step up and prepare for the coming disasters. They are going to get here. We know they are. We cannot deny it longer. (Paula Egan, Iowa Citizens for Community Improvement)

DNR Response: This rule making is narrow in scope as a response to a specific rule making petition. The comments are outside of the narrow scope of the rule making. No further changes to the rule are being recommended.

WRITTEN PUBLIC COMMENTS

The following individuals submitted written comments during the public comment period:

NAME	CITY
Addy, Dr. Claudia	Des Moines, IA
Allely, Warren	Council Bluffs, IA
Alper, Sandra	Iowa City, IA
Anderson, Rita	Woolstock, IA
Anderson, Sara	Fairfield, IA
Aspray, John	Des Moines, IA
Avalos, Joy	Davenport, IA
Avise-Rouse, Jerry	Fairfield, IA
Batton, James	Dows, IA
Belcastro, Frank	Dubuque, IA
Bella, Celia	
Benes, Michelle	Fairfield, IA
Benner, Susan	Ames, IA
Berge, James*	Kensett, IA
Bjork, Vince	Lake City, IA
Bollman, Roger	Monona, IA
Bolstad, Jim	Des Moines, IA
Boomershire, C.Jean	Des Moines, IA
Borske, Cindy	New Hampton, IA
Bosold, Patrick*	Fairfield, IA
Bowen, Patricia	Iowa City, IA
Bowman, Valerie	Iowa City, IA
Boxerman, Joseph	Fairfield, IA
Brannian, Riley	Iowa City, IA
Brown, David	Des Moines, IA
Brown, Melanie	Fairfield, IA
Bullard, David*	Waterloo, IA
Cadmus, Nancy	Grinnel, IA
Carlson, Jack	Iowa City, IA
Castle, Allison	Muscatine, IA
Cecil, Michael	Burlington, IA
Cederroth, Margareta	Fairfield, IA
Clifford, Ann	Fairfield, IA
Corderman, Jan	

Cousins, Vera	Grinnell, IA
Creech, Penny#	
Cuddehe, Jane	Fairfield, IA
Davis, Cory	West Des Moines, IA
Drees, Dorothy	Fairfield, IA
Dugan, Nancy#	
Dunstan, Rick	Fairfield, IA
Dwyer, Margaret	Fairfield, IA
Espeland, Renee	Des Moines, IA
Ferguson, Charlene*	Otho, IA
Flaherty, Michael	Des Moines, IA
Foster, Gloria	Fairfield, IA
Fuller, Patricia	Council Bluffs, IA
Gallagher, Lynn	Solon, IA
Gibson, Jody	Des Moines, IA
Gilbert, Rick	Oakville, IA
Glavina, Vesna*	Fairfield, IA
Grant, Janis	Okoboji, IA
Greenough, Paul	Hills, IA
Gruber-Miller, John	Mount Vernon, IA
Guerdet, Randy	Dubuque, IA
Haenel, Edith	Northwood, IA
Hagedorn, Marilyn	Des Moines, IA
Halder, Nancy	
Hall, Kathleen*	Fairfield, IA
Hall, Marilyn	Des Moines, IA
Halsey, Mary	Des Moines, IA
Hancock, Heath	Davenport, IA
Hansen, Kaeli	Fairfield, IA
Harlib, Amy#	New York, New York
Harper, Stepen	
Harrison, Jeane	Des Moines, IA
Hart, Holly	Iowa City, IA
Hedquist, Jeffrey	Fairfield, IA
Heintz, Jane#	
Henning, Rachel	Indianola, IA
Herring, Marie	West Des Moines, IA

Hirchhorn, Valeria	
Holley, Deborah	Nevada, IA
Honigsblum, Alexander	Dubuque, IA
Houts, Susan	Des Moines, IA
Hoyer, Mary	Salem, IA
Hrebar, Devin*	Fairfield, IA
Hulley, Ronald	
Iowa Cattlemen's Association	
Israels, Travis	Spencer, IA
Johnson, Billy	Des Moines, IA
Johnson, Sharon	Windsor Heights, IA
Jones, Dawn	Wellman, IA
Kamal-Eldin, Tania	Decorah, IA
Kaufman, Louise	Mason City, IA
Keen, Wendy	Iowa City, IA
Kirk, Joan	Farragut, IA
Klein, Phil	Coralville, IA
Koppel, William	Fairfield, IA
Kruckenberg, Mindy	Cedar Rapids, IA
Ktystofiak, Thom	Fairfield, IA
Kukkonen, Holly	Iowa City, IA
Lahr, Diane Deliver	Iowa City, IA
Lange, Char	Iowa City, IA
Leahy, Roger	Fairfield, IA
Leek, Kathy	Cedar Rapids, IA
Lounsbury, Patti	
Lyons, Jonathan	North Liberty, IA
Martin, Dawn Ask	Cedar Falls, IA
Martinson, Patsy	Decorah, IA
McDowell, Shelley	Cedar Rapids, IA
McGregor, Marianne	Fairfield, IA
McQuiston, Tina	
Messina, Jim	Cedar Rapids, IA
Meyer, Virginia	Lone Tree, IA
Meyers, Samantha	Windsor Heights, IA
Mickey, Evalee	North Liberty, IA
Mikelson, Gay	Iowa City, IA
Miller, Victor	Des Moines, IA
Morgan, Sallie	Fairfield, IA

Moriarty, Molly	Council Bluffs, IA
Mortice, Cherie	Des Moines, IA
Murphy, Michael	Fairfield, IA
Nichols, Jessie	Fairfield, IA
Obr, Brooks*	Coralville, IA
Oliver, June	
Palma, Susan	
Perri, Jean	Grinnel, IA
Petefish-Schrag, Amanda	Ames, IA
Petkewec, Megan	Iowa City, IA
Pickart, Kathy	Strawberry Point, IA
Pierce, Diane*	Ames, IA
Pierce, Matthew	Urbandale, IA
Quinn, Linda	Iowa City, IA
Railey, Robert	Des Moines, IA
Rando, Sandra	Fairfield, IA
Rickels, Alene	Iowa Falls, IA
Rivera, Noel and Stephanie	Fairfield, IA
Romine, Janet	Des Moines, IA
Rosman, Daniel	Harlan, IA
Santos, Marija	Cedar Rapids, IA
Schmidt, Carol#	Dubuque, IA
Schott, Joe	Central City, IA
Schumacher, Sister Janet	Sioux City, IA
Sickler, Cheryl	Bettendorf, IA
Siebert, Bernadette	Ames, IA
Simmons, Carole	Fairfield, IA
Smith, Jacquelyn	West Des Moines, IA
Smith, Melody	Iowa City, IA
Stephens, Julie	Fairfield, IA
Stephens, Kimberly	Nevada, IA
Stempke-Durgin, Ryan	Cedar Rapids, IA
Supporter, Elaine Donovan	Cedar Rapids, IA
Teel, Terri*	Denver, CO
Thies, Brian	West Des Moines, IA
Toth, Joe	Fairfield, IA
Turpin, Jan	Jefferson, IA

Ungaro, Savin	Fairfield, IA
Vanderhill, Margo	Alton, IA
Vining, Ernest#	
Vorland, Jim	Preston, IA
Wagener, Daylan	Ames, IA
Welty, Christy Ann	Fairfield, IA
White, Kim	Grimes, IA
Willet, Tom	Mason City, IA
Wilson, J A	Oregon City, OR
Winningham, Mara	Fairfield, IA
Wirth, Danielle	Woodward, IA
Wridler, L. Darrel	Cedar Rapids, IA
Wyse, Barbara	Mount Pleasant, IA
Wyse, Joseph	Iowa City, IA
Wyse, Ronald	Mount Pleasant, IA
*Submitted more than one email of the same comment.	
#Submitted comment outside the public comment period. The commenter's name will be included in the list and the comment will be retained, but the comment will not be included in the response.	

Written Comments:

The Department received written comments via email. Hard copies of the actual emails are available upon request. The majority of the comments were of similar content as one the three standard written comments the Department received:

1: I am a member of Iowa Citizens for Community Improvement (Iowa CCI). This proposed rule by the Iowa Pork Producers Association is a step in the right direction but fails to close the LLC loophole that is often exploited by factory farms.

This rulemaking change fails on multiple fronts.

- It fails to change the definition of "common ownership" for existing factory farms.
- It fails to close other loopholes related to factory farm ownership, like having different family members own adjacent facilities.
- It fails to change the definition of "common management" - which allows corporate integrators off the hook.

Iowa has over 10,000 factory farms and 400-500 new sites are built every year. We know that

factory farming is the biggest contributor to pollution in our waterways. This failure to close the LLC loophole will continue to result in exploitation by factory farmers. I urge the DNR to deny the rule change, look into what would be most effective to close the LLC loophole and protect Iowa's waterways, and propose a new rule.

(Pickart, Petefish-Schrag, Herring, Addy, Ferguson, Holley, Borske, Hart, Peirce, Grant, Hagedorn, Batton, Castle, Quinn, Pierce, Siebert, Kirk, Wrider, Espeland, Fuller, Berge, Meyer, Mickey, Martinson, Bosold, Hall)

Department Response: This rule making is narrow in scope as a response to a specific rule making petition. It should be noted that current rules do address some family members (spouses and dependent children). No further changes to the rule are being recommended.

2: To the Iowa Department of Natural Resources & Environmental Protection Commission:

I'm writing to voice my concern regarding ARC 4689C, the proposed rule change to the definition of "common ownership" of animal feeding operations.

While the proposed rule change by the Iowa Pork Producers Association appears to be a step in the right direction, it does not go far enough to protect Iowa from the exploitation by the factory farm industry.

The proposed rule falls short in several areas. It fails to close loopholes that allow having different family members own adjacent facilities to avoid regulation. It fails to address the role of large corporations in managing these factory farming facilities, regardless of actual ownership. Lastly, this proposal fails to regulate existing facilities that used existing loopholes to avoid regulation.

In light of the devastating impacts factory farms are having on Iowa communities and waterways, I urge the Iowa Department of Natural Resources and Environmental Protection Commission to deny this draft rule, and to analyze what additional changes would most effectively close existing loopholes and protect Iowa's waterways. The Iowa DNR should then assemble a new rulemaking package that includes community advocates in the process, not just industry lobbyists.

We need rules that will make a meaningful impact and address the above concerns. We hope you'll do the right thing, and take action to close these loopholes completely.

It fails to change the definition of "common ownership" for existing factory farms

It fails to close other loopholes related to factory farm ownership, like having different family members own adjacent facilities

It fails to change the definition of "common management" - which allows corporate integrators off the hook.

(Aspray, Schumacher, Mikelson, Anderson, Henning, Carlson, Anderson, Stephens, Wilson, Ungaro, Rosmann, Bjork, Dunstan, Rivera, Morgan, Wunningham, B. Wyse, R. Wyse, Davis, Messina, Hansen, McGregor, Brown, Clifford, Keen, Hedquist, Petkewec, Leek, Cecil, Wagener, Kruckenberg, Miller, Gruber-Miller, Nichols, Bullard, J. Smith, Belcastro, Vorland, Hancock, Sickler, Schott, Hrebar, Boomershire, J. Wyse, Railey, Johnson, Lahr, Gallagher, Honigsblum, Houts, Benner, Brannian, Benes, Foster, Guerdet, White, Bolstad, Moriarty, Gibson, Thies, Toth, Avalos, Hall, Brown, Gilbert, Cerroth, Flaherty, M. Smith, McDowell, Perri, Kukkonen, Turpin, Halsey, Cousins, Romine, Johnson, Vanderhill, Martin, Meyers, Supporter, Rando, Bollman, Harrison, Klein, Rickerts, Allely, Lyons, Obr, Strempe-Durgin, Kamal-Eldin, Cadmus, Israels, Santos, Kaufman, Alper, Bowen, Hoyer, Bowman, Murphy, Simmons, Teel, Mortice, Willett, Jones, Haenel, Wirth, Lange)

Department Response: This rule making is narrow in scope as a response to a specific rule making petition. Additionally, it should be noted that current rules do address some family members (spouses and dependent children). With respect to apply this rule retroactively, see the response in No. 3 above (Public Hearing Comments). No further changes to the rule are being recommended.

3: 1. Define common ownership to include any individual(s) with a 10% or more interest in the LLC.

2. Define common ownership to include the “integrator”– corporations like Iowa Select – who often build multiple adjacent CAFOs under different LLC names. After all, these corporations own the hogs, feed, and direct the farmers how to raise a corporation’s livestock.

3. Require separate CAFOs built under different LLC names then later combined as one to apply for a construction permit and Master Matrix.

4. Make the rule retroactive. Iowa has a water quality crisis. Adjacent CAFOs with fewer than 1250 hogs built using the LLC loophole don’t even have to provide manure management plans. This change can help protect our waterways from manure over-application and runoff.

(Leahy, Lounsbury, Hirchhorn, Stephens, Boxerman, Glavina, Hulley, Greenough, Halder, Krystofiak, Palma, McQuiston, Drees, Oliver, Corderman, Cuddehe, Koppel, Avise-Rouse, Dwyer, Bella, Hall)

Department Response: This rule making is narrow in scope as a response to a specific rule making petition. Additionally, contrary to commenter’s belief the new rule making would account for individual members of LLCs owning 10% or more in two neighboring facilities. If an individual has 10% or more interest in the LLCs owning the two neighboring facilities and the

facilities are within the regulated separation distances, the two facilities would be considered one animal feeding operation. With respect to the request to apply this rule retroactively, see the response in No. 3 above (Public Hearing Comments). No further changes to the rule are being recommended.

In addition to the standard comments noted above, the Department received the following comments:

1: We need rules to limit the size of CAFOs that actually limit the amount of manure and waste going into our waterways!

We must eliminate CAFOs that are built next to each other but are allowed to do so simply

because they are owned by a different LLC but have the same individuals or same integrator companies owning them.

Every CAFO must have a manure management plan. (Harper)

Department Response: Confinement facilities with an animal unit capacity over 500 animal units are required to have manure management plans. A statutory change would be required for confinements facilities under 500 animal units to be required to submit manure management plans. The new rule making would account for individual members of LLCs owning a 10% or more interest in two neighboring facilities. If an individual has a 10% or more interest in the LLCs owning the two neighboring facilities and the facilities are within the regulated separation distances, the two facilities would be considered one animal feeding operation. No further changes to the rule are being recommended.

2: Regarding the proposed change for percentage of LLC interest in CAFOs

Decisions about farm operations are made by human beings, not by business charters. So I support looking at the percentage of interest held by EACH HUMAN who has interest in the farm operations, whether LLCs, corporations, partnerships, or individuals.... instead of looking at the percentage interest held by a business charter.

Identifying the people who make the decisions (and profits or losses) of a farm operations links together their actions and their responsibilities, which encourages proper decisions (like placements of confinements). (Welty)

Department Response: The new rule making would account for individual members of LLCs owning a 10% or more interest in two neighboring facilities. If an individual has a 10% or more

interest in the LLCs owning the two neighboring facilities and the facilities are within the regulated separation distances, the two facilities would be considered one animal feeding operation. No further changes to the rule are being recommended.

3: The Iowa Cattlemen’s Association files the following written comments with the Iowa Department of Natural Resources on the proposed rule amending the Department’s rules defining “common ownership” for confinement feeding operations under Iowa Code Chapter 459.

The Association supports the proposed rule because it promotes continued environmentally responsible livestock production by ensuring that multiple business entity structures with the same owners cannot be improperly used for the purpose of avoiding environmental regulation of confinement feeding operations under Iowa Code Chapter 459. The Association is not aware of the extent that this practice may have been used by cattle confinement feeding operations, but

nonetheless the Association is aware of concerns voiced by the public and supports this rule intended to make sure this practice is not improperly used in the future.

On behalf of the more than 10,000 members of the Iowa Cattlemen’s Association, the Association supports responsible environmental rules for livestock production and this proposed rule accomplishes that goal.

Thank you for considering our comments to these proposed rules. (McAfee-Iowa Cattlemen’s Association)

Department Response: None

**Iowa Department of Natural Resources
Environmental Protection Commission**

8

Decision Item

Contract with Iowa Department of Agriculture and Land Stewardship (IDALS) for Yellow River Headwaters Water Quality Project

Commission approval is requested for a contract with IDALS, of Des Moines, IA.

Contract Terms:

Amount: Not to exceed \$228,125

Dates: December 17, 2019 to August 31, 2022.

DNR shall have the option to extend this Contract for up to six years from the beginning date of the original contract by executing a signed amendment prior to the expiration of this Contract.

Funding Source(s): U.S. EPA Clean Water Act Section 319 grant to DNR (Grant Number 00740426)

Statutory Authority: Funds are administered by DNR under statutory authority granted by Iowa Code section 455B.103.

Contract Background:

The Yellow River Headwaters is a 26,119 acre 12-digit Hydrologic Unit Code (HUC 12) watershed (070600010901) in Winneshiek and Allamakee counties and is made up of the North Fork Yellow River and the Yellow River. After the confluence, the Yellow River becomes Iowa's largest coldwater trout stream and an important river trail and fishery resource for the region. It is also a tributary to the Upper Mississippi River. The entirety of the Yellow River Headwaters HUC 12 is impaired for indicator bacteria E. coli, as are several segments of the Yellow River most commonly used for recreation, which led to the development of the Yellow River Headwaters Water Quality Project.

The Yellow River Headwaters Water Quality Project aims to reduce bacterial loading to the stream through installation of Best Management Practices (BMPs). Since the Project's implementation, monitoring has shown declines in bacterial loading in specific segments and tributaries coinciding with the nutrient and sediment reductions. In addition, water quality improvements on specific segments of the Yellow River and its tributaries has led DNR Fisheries staff to reintroduce native brook trout to the Yellow River Headwaters system, highlighting the water quality improvement overall and giving local landowners the accomplishment of a very tangible local goal.

Contract Purpose: The purpose of this Contract is to designate Section 319 funding to support the **Yellow River Headwaters Water Quality Project**. This Contract will work to carry out the goals of the Yellow River Headwaters Watershed Management Plan (2012) for the stated contract term. The watershed project will be funded by the following entities in combination with DNR administered EPA 319 grant funds: IDALS, Winneshiek County Soil and Water Conservation District (in cooperation with Allamakee County Soil and Water Conservation District), NRCS, and FSA, as well as match funding from landowners.

Selection Process Summary:

Intergovernmental contracting with IDALS is authorized under 11 IAC 118.4. Contracts with state universities and other public agencies for laboratory work, scientific field measurement and environmental quality evaluation services necessary to implement Iowa Code Chapter 455B is authorized under Iowa Code section 455B.103(3).

Contract History:

- Yellow River Headwaters Planning Grant—ESD7149Kament110266: 3/1/2011-2/28/2013, \$50,000
- Yellow River Headwaters Implementation Grant (2013)—13ESDGSBKAMEN-0003: 2/19/2013-8/31/2017, \$430,310
- Yellow River Headwaters Implementation Grant (2015)—16ESDWQBKAMEN-0005: 9/1/2015-6/30/2019, \$605,430
- Yellow River Headwaters Implementation Grant (2018)—18ESDWQBSKONR-0003: 8/1/2018-8/31/2021, \$89,387

Steve Konrady, Water Quality Bureau
 Environmental Services Division
 November 26, 2019

STATEMENT OF WORK

- Task 1. **Project Coordinator** – Contractor shall hire and maintain a project coordinator position for the duration of the Contract. **Timeframe** - Continuous
- Task 2. **Submit and Carry Out Project Activities** – Contractor shall submit annual Work Plan and Budget consistent with EPA-Approved Project Implementation Plan. **Timeframe** – No later than May 1 of each year
- Task 3. **Quarterly Financial Reports** – Summarize expenses each quarter. **Timeframe** – 10/15, 1/15, 4/15 yearly
- Task 4. **Quarterly Progress Reports** – Summarize activities each quarter. **Timeframe** – 10/15, 1/15, 4/15 yearly
Note: Quarterly reports are superseded by annual reports for the expected 7/15 report as follows
- Task 5. **Annual Progress Report** – Summarize activities, progress, project costs, water monitoring data (if applicable), and water quality improvements (load reductions) made during the previous fiscal period.
Timeframe – No later than August 1 of each year
- Task 6. **Final Project Report** – Total Section 319 funds expended by the project, summary of other funds, summary of accomplishments and objectives, comparison of actual accomplishments to objectives established by annual work plans and project implementation plan, summary of water quality improvements (load reductions), explanation of unmet objectives, and all other reporting requirements in the Section 319 guidance document. **Timeframe** – Due no later than 30 days prior to the expiration of this Contract.

BUDGET

Budgets are submitted by the Contractor as part of the EPA-approved Project Implementation Plan (once per contract) and Work Plan and Budget (annually). The Contractor has submitted the following budget overview with the Project Implementation Plan for 319 funds to be incorporated into the Contract for the full term:

Budget Item	Amount of 319 Funds
Top Line/Administrative Costs	
Coordinator Salary and Benefits	\$30,500
IDALS Conservation Assistant Support	\$5,000
Travel/Training	\$0
Supplies	\$500
Information/Outreach	\$2,000
Implementation Costs (BMPs)	
Ag Waste Projects	\$100,000
Septic System Upgrades	\$17,500
Fencing for Livestock Exclusion	\$1,500
Livestock Watering Systems	\$3,000
Heavy Use Protection	\$3,750
Prescribed Grazing	\$3,000
Pasture/Hayland Planting	\$1,875
Access Control	\$2,500
CNMP	\$3,750
Filter Strip	\$4,500
Cover Crop	\$20,000
Grade Stabilization Structure	\$15,000
No-Till/Strip-Till	\$3,750
Streambank Stabilization	\$10,000
TOTAL:	\$228,125

**Iowa Department of Natural Resources
Environmental Protection Commission**

ITEM

9

DECISION**TOPIC**

**Clean Water and Drinking Water State Revolving Loan Fund – FY 2020
Intended Use Plan Third Quarter Update**

Commission approval is requested for the Clean Water State Revolving Fund (CWSRF) and Drinking Water State Revolving Fund (DWSRF) Intended Use Plan (IUP) updates for the third quarter of FY 2020 (July 1, 2019 – June 30, 2020).

The State Revolving Fund (SRF) programs are authorized through federal legislation and administered by the State of Iowa under the oversight of the U.S. Environmental Protection Agency. The Iowa SRF is operated through a coordinated partnership between the Department of Natural Resources (DNR) and the Iowa Finance Authority (IFA). DNR administers the environmental and permitting aspects of the programs, IFA provides financial assistance including loan approval and disbursements. Other important partners include the Iowa Department of Agriculture and Land Stewardship, Soil and Water Conservation Districts, county sanitarians, participating lenders, and others.

The DWSRF Program provides loans to public water supply systems for treatment, storage, distribution and transmission projects. The CWSRF Program finances publicly owned wastewater and sewer facilities, storm water management projects for water quality, and nonpoint source control practices that keep pollution out of Iowa's water.

The IUP is published annually and includes plans of action for the SRF programs, goals and objectives, financial management strategies, discussion of set-aside programs and efforts, and planned uses for administrative accounts. The IUP is updated quarterly and includes an analysis of current and projected finances, the project priority lists, and any necessary programmatic updates. This quarter's IUP update also includes the final funding recommendations for this year's Sponsored Project Program, *Appendix D*.

Each draft IUP is released for public comment before it is presented for approval by the Commission. A public meeting was held on November 14, 2019 to receive comments on the proposed IUP updates and project lists. There was one attendee but no comments were taken for the record. The written comment period closed on November 21, 2019. No comments were received.

The Sources and Uses tables for both CWSRF and DWSRF show that funds are available or obtainable to provide the anticipated disbursements.

Theresa Enright, DNR SRF Coordinator
November 25, 2019

Project Name	NPDES No.	Project Number	CWSRF No.	Project Description	IUP Yr	Needs Category	Priority Points	Quarter	Project Status	Current Requests	Loan Forgiveness	Date Loan Signed	Original Request	Loan Amount
Center Point	5718001	N/A	PD-CW-20-30	New treatment plant construction	2020	P&D	P&D	3	P	\$ 755,000			\$ 755,000	
Farmersburg	2228001	N/A	PD-CW-20-29	New lift station and force main	2020	P&D	P&D	3	P	\$ 61,000			\$ 61,000	
Independence	1037001	N/A	PD-CW-20-24	Sewer line replacement	2020	P&D	P&D	3	P	\$ 101,000			\$ 101,000	
Janesville	0732001	N/A	PD-CW-20-28	Aerated Lagoon with Disinfection	2020	P&D	P&D	3	P	\$ 125,000			\$ 125,000	
Johnston	7740002	N/A	PD-CW-20-26	Drainage system installation and bank stabilization	2020	P&D	P&D	3	P	\$ 265,610			\$ 265,610	
Leland	9549001	N/A	PD-CW-20-23	Lagoon system upgrade	2020	P&D	P&D	3	P	\$ 124,000			\$ 124,000	
Walford	0690001	N/A	PD-CW-20-25	WWTF Upgrades	2020	P&D	P&D	3	P	\$ 200,000			\$ 200,000	
Williamsburg	4884001	N/A	PD-CW-20-27	WWTP Replacement	2020	P&D	P&D	3	P	\$ 1,134,700			\$ 1,134,700	
Williamsburg	4884001	W2019-0417A	1920946 01	WWTP & Sewer Improvements	2020	I, II, IIIA, IIIB	324	3	P	\$ 12,273,000			\$ 12,273,000	
Center Point	5713001	W2018-0172A	1920947 01	Wastewater Treatment Plant Improvements	2020	I, II, IVB	315	3	P	\$ 9,650,000			\$ 9,650,000	
Janesville	0732001	D2018-0460A	1920948 01	WWTF Improvements	2020	I	245	3	P	\$ 927,000			\$ 927,000	
Nevada	8562001	W3029-0233A	1920945 01	Wastewater Treatment Facility Improvements	2020	I, II, IVB	234	3	P	\$ 48,727,000			\$ 48,727,000	
Eagle Grove	9926001	W2020-0080A	CS1920952 01	Sanitary Sewer Collection System Improvements	2020	IIIA	145	3	P	\$ 930,000			\$ 930,000	
Cherokee	1811002	W2020-0078A	1920950 01	Sanitary Sewer Collection System Improvements	2020	IIIA	139	3	P	\$ 724,000			\$ 724,000	
Lockridge	5157001	W2020-0052A	1920953 01	Sanitary Sewer Improvements - I/I Reduction	2020	IIIA	139	3	P	\$ 125,000			\$ 125,000	
Pomeroy	1363001	W2020-0084A	CS1920951 01	Sanitary Sewer System Improvements	2020	IIIA	134	3	P	\$ 1,980,000			\$ 1,980,000	
Farmersburg	2228001	S2018-0188A	1920949 01	Sewage Lift Station & WWTF Evaluation	2020	IVB	130	3	P	\$ 457,000			\$ 457,000	
Elk Run Heights	0721001	N/A	PD-CW-20-17	Construction of an Aero-Mod Activated Sludge Treatment Plant	2020	P&D	P&D	2	L	N/A		9/20/2019	\$ 352,000	\$ 352,000
Elliott	7825001	N/A	PD-CW-20-18	Address I&I and SSO issues within the collection system	2020	P&D	P&D	2	R	\$ 225,000			\$ 225,000	
McGregor	2258000	N/A	PD-CW-20-16	Sewer main & manhole replacment	2020	P&D	P&D	2	L	N/A		10/4/2019	\$ 144,000	\$ 144,000
Miles	49503001	N/A	PD-CW-20-15	Construction of new wastewater treatment facility	2020	P&D	P&D	2	R	\$ 390,000			\$ 390,000	
Nevada	8562001	N/A	PD-CW-20-20	Construction of new sanitary sewer interceptor and treatment plant	2020	P&D	P&D	2	R	\$ 2,885,000			\$ 2,885,000	
Osceola	2038002	N/A	PD-CW-20-22	Comprehensive facility plan for wastewater treatment plant improvements	2020	P&D	P&D	2	L	N/A		8/30/19	\$ 495,000	\$ 495,000
Pella	6368006	N/A	PD-CW-20-14	Wastewater System Improvements	2020	P&D	P&D	2	L	N/A		10/18/22	\$ 370,000	\$ 370,000
Raymond	0721001	N/A	PD-CW-20-19	Design and bidding for construction of an Aero-Mod Activated Sludge Treatment Plant	2020	P&D	P&D	2	R	\$ 352,000			\$ 352,000	
Melcher-Dallas	6352001	2018-0333a	1920940 01	Wastewater Treatment Facility Improvements	2020	I, II	282	2	P	\$ 2,477,000			\$ 2,477,000	
Runnels	7774001	S2017-0330A	1920943 01	Wastewater Treatment Facility Expansion	2020	I, II	282	2	P	\$ 1,889,000			\$ 1,889,000	
Rockwell City	1376001	W2018-0350	1920932 01	Water Reclamation Facility Rehabilitation	2020	I, II	267	2	P	\$ 8,240,000			\$ 8,240,000	
Dysart	862700	W2018-0132A	1920936 01	Sewage Treatment Plant Improvements	2020	I, II	264	2	P	\$ 4,158,690			\$ 4,158,690	

Project Name	NPDES No.	Project Number	CWSRF No.	Project Description	IUP Yr	Needs Category	Priority Points	Quarter	Project Status	Current Requests	Loan Forgiveness	Date Loan Signed	Original Request	Loan Amount
Mechanicsville	1667001	W2017-0296A	1920937 01	WWTP improvements to address e. coli and ammonia removal requirements	2020	I, II	264	2	P	\$ 3,176,000			\$ 3,176,000	
Des Moines	7727001	S2019-0198A	1920944 01	West Ingersoll Run Sewere Separation	2020	V	205	2	P	\$ 19,139,699			\$ 19,139,699	
Des Moines WRF	7727001	2019-0363A	1920934 01	Ingersoll Sewer Separation	2020	III-B	170	2	P	\$ 43,441,125			\$ 43,441,125	
Waterloo (Wastewater Treatment Plant Biosolids Modifications)	0790001	2017-0342A	1920941 01	Wastewater Treatment Plant Biosolids Modifications	2020	I	170	2	P	\$ 16,341,000			\$ 16,341,000	
Pierson	9766002	2019-0290	1920933 01	Fourth Street Sewer Replacement	2020	III-A	142	2	P	\$ 493,000			\$ 493,000	
Rembrandt	1170001	2019-0282A	1920938 01	Cured in-place pipe will line existing sewer main and reduce infiltration and inflow	2020	III-A	142	2	P	\$ 268,000			\$ 268,000	
Waterloo (Titus Lift Station and Force Main)	0790001	2019-0352A	1920935 01	New Titus lift station and force main	2020	IV-A	140	2	P	\$ 5,170,000			\$ 5,170,000	
Tipton	1689001	2019-0415A	1920939 01	Sewer Rehabilitation Phase 1 - NW Area	2020	III-A	127	2	P	\$ 419,000			\$ 419,000	
Solon	5282001	2019-0293A	1920942 01	North Trunk Sewer	2020	IV-B	119	2	P	\$ 1,247,000			\$ 1,247,000	
Eagle Grove	9923001	N/A	PD-CW-20-13	Sewer System Improvements Planning	2020	P&D	P&D	1	L	N/A		7/12/2019	\$ 150,000	\$ 150,000
Grimes	7736001	N/A	PD-CW-20-05	Plan for sanitary sewer construction	2020	P&D	P&D	1	L	N/A		6/21/19	\$ 475,000	\$ 515,000
Lake Park	3045001	N/A	PD-CW-20-08	WWTP Improvements Planning	2020	P&D	P&D	1	L	N/A		7/19/19	\$ 440,000	\$ 440,000
Maquoketa	4950001	N/A	PD-CW-20-07	Nutrient Reduction Improvements	2020	P&D	P&D	1	P	\$ 308,000			\$ 308,000	
Mediapolis	2948001	N/A	PD-CW-20-03	Planning for pipeline replacement and manhole installation	2020	P&D	P&D	1	L	N/A		6/21/19	\$ 100,000	\$ 100,000
Park View	8200902	N/A	PD-CW-20-06	Wastewater System Improvements	2020	P&D	P&D	1	L	N/A		7/12/2019	\$ 310,000	\$ 310,000
Peterson	2154002	N/A	PD-CW-20-12	WWTP Improvements	2020	P&D	P&D	1	L	N/A		6/21/19	\$ 116,000	\$ 116,000
Rockwell City	1376001	W2018-0350	PD-CS-20-09	Planning construction of new WWTP	2020	P&D	P&D	1	P	\$ 677,500			\$ 677,500	
Saint Olaf	2277002	N/A	PD-CW-20-04	Wastewater system improvements	2020	P&D	P&D	1	L	N/A		6/21/19	\$ 35,000	\$ 35,000
Wellsburg	3890001	N/A	PD-CW-20-02	Wastewater System Improvements	2020	P&D	P&D	1	L	N/A		6/28/2019	\$ 140,000	\$ 140,000
Bettendorf	N/A	N/A	GNS20-02	FMA Property Acquisition to mitigate flood damage and water pollution	2020	VII-K	GNS	1	P	\$ 2,100,886			\$ 2,100,886	
Johnston	N/A	N/A	GNS-20-01	Saylorville Sediment and Erosion Reduction	2020	VII-K	GNS	1	P	\$ 1,750,000			\$ 1,750,000	
Indianola	9133001	S2015-0386	1920927 01	WWTP Replacement	2020	I, II	295	1	P	\$ 39,145,000			\$ 39,145,000	
Park View	8200902	S2018-0348	1920925 01	Wastewater System Improvements	2020	II	245	1	P	\$ 5,558,000			\$ 5,558,000	
Saint Olaf	2277002	S2018-0159	1920926 01	Wastewater system improvements	2020	II	240	1	P	\$ 250,000			\$ 250,000	
Fontanelle	0135001	S2019-0094	1920922 01	Wastewater System Improvments	2020	II	237	1	P	\$ 2,520,000			\$ 2,520,000	
Bloomfield	2613001	S2019-0054	1920921 01	Wastewater system improvements for compliance.	2020	II	235	1	P	\$ 8,620,000			\$ 8,620,000	
Tipton	1689001, 1689002	S2017-0094	1920928 01	Wastewater Treatment Plan Improvements 2016	2020	II	232	1	P	\$ 5,648,000			\$ 5,648,000	
Glidden	1438001	2016-0396	1920929 01	Wastewater Treatment Plant Improvements	2020	II	224	1	P	\$ 3,980,000			\$ 3,980,000	
Wellsburg	3890001	S2014-0285	1920923 01	Wastewater System Improvements	2020	II	224	1	P	\$ 1,739,000			\$ 1,739,000	
Guttenberg	2242001	S2019-0196	1920924 01	Inflow & Infiltration Improvements	2020	V	172	1	P	\$ 517,000			\$ 517,000	

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Grundy Center	3833001	2019-0287	1920930 01	2019 Sanitary Sewer Improvements	2020	III-A	145	1	P	\$ 2,407,000			\$ 2,407,000	
Evansdale	0723001	N/A	PD-CW-19-53	WWTP Improvements	2019	P&D	P&D	4	L	N/A		4/5/19	\$ 550,000	\$ 550,000
Fontanelle	0135001	N/A	PD-CW-19-54	Wastewater Treatment Facility Improvements	2019	P&D	P&D	4	L	N/A		3/29/19	\$ 267,500	\$ 267,500
Ladora	0058521	N/A	PD-CW-19-55	New Lift Station and wastewater treatment facility improvements	2019	P&D	P&D	4	L	N/A		4/26/19	\$ 111,000	\$ 111,000
North English	4858001	N/A	PD-CW-19-57	Rehabilitation of Sanitary Sewer Collection and replacement of Wastewater Treatment Facilities	2019	P&D	P&D	4	L	N/A		3/22/19	\$ 400,000	\$ 400,000
Oxford Junction	5361001	N/A	PD-CW-19-48	Sanitary Sewer Rehabilitation	2019	P&D	P&D	4	L	N/A		3/29/19	\$ 100,000	\$ 100,000
Pomeroy	1363001	N/A	PD-CW-19-56	Wastewater System Improvements	2019	P&D	P&D	4	L	N/A		3/29/19	\$ 180,000	\$ 180,000
Preston	4965001	N/A	PD-CW-19-59	Add Nitrox MBBR to existing lagoons and disinfection	2019	P&D	P&D	4	L			8/23/19	\$ 155,000	\$ 155,000
Underwood	7869001	N/A	PD-CW-19-47	Pumping Station upgrades to two existing stations	2019	P&D	P&D	4	P	\$ 65,000			\$ 65,000	
Waverly	0990001	N/A	PD-CW-19-50	Nutrient Reduction Improvements	2019	P&D	P&D	4	P	\$ 780,000			\$ 780,000	
Anita	1503001	N/A	PD-CW-19-49	Upgrade to influent lift station, pumps and replacement of aerated lagoon blowers/diffusers	2019	P&D	N/A	4	L	N/A		4/26/19	\$ 520,000	\$ 520,000
Bloomfield	2613001	N/A	PD-CW-19-52	Wastewater Treatment Facility Improvements	2019	P&D	N/A	4	P	\$ 381,100			\$ 381,100	
Conrad	3809001	N/A	PD-CW-19-51	Construction of UV Disinfection	2019	P&D	N/A	4	L	N/A		3/22/19	\$ 70,000	\$ 70,000
Mt Pleasant	4453001	S2015-0081	1920919 01	abandon lagoon and pump to main plant. Eliminates a discharge. Add nutrient removal to existing plant and UV disinfection.	2019	I, II & IV-B	324	4	P	\$ 4,020,000			\$ 4,020,000	
Pella	6368006	S2017-0215	1920918 01	Rehab existing WWTP and 3 pump stations, add capacity to WWTP	2019	I, II & IV-B	305	4	P	\$ 5,769,000			\$ 5,769,000	
Columbus Junction	5815001	S2016-0171	1920913 01	UV disinfection and change outfall location to meet limits in compliance schedule	2019	II	270	4	P	\$ 302,000			\$ 302,000	
Peosta	3150000	S2016-0180	1920912 01	New mechanical plant, activated sludge, nutrient removal, disinfection, sludge handling	2019	I & II	264	4	P	\$ 8,184,000			\$ 8,184,000	
Ladora	4840001	S2017-0239	1920911 01	New pumping station, disinfection for the WWTP, and aeration system replacement	2019	II & IV-B	244	4	P	\$ 1,051,000			\$ 1,051,000	
Preston	4965001	S2018-0180	1920910 01	Add Nitrox MBBR to existing lagoons and disinfection	2019	II	224	4	P	\$ 1,427,000			\$ 1,427,000	
Wastewater Reclamation Authority	7727001	S2019-0006	1920914 01	Primary and Final Clarifier rotating mechanism replacements	2019	I	180	4	R	\$ 30,486,675			\$ 30,486,675	
Fayette	3342001	S2016-0375	1920812 02	Sewer Spot Repairs for CIPP project-Supplemental Loan	2019	IIIA	154	4	L	N/A		9/13/19	\$ 130,000	\$ 82,000
Spencer	2171004	W2020-0067A	1920920 01	rehab clarifier, add another final clarifier	2019	I	149	4	P	\$ 2,960,000			\$ 2,960,000	

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Sumner	0970001	S2019-0180	1920916 01	Sewer relocation and new pumping station	2019	III-B & IV-B	149	4	P	\$ 296,000			\$ 296,000	
Mitchellville	7751001	S2018-0295	1920915 01	Replace existing pumping station in collection system	2019	IV-B	137	4	P	\$ 1,603,000			\$ 1,603,000	
Underwood	7869001	S2013-0176B	1920917 01	Pumping Station upgrades to two existing stations	2019	IV-B	132	4	P	\$ 930,000			\$ 930,000	
Adel	2503001	N/A	PD-CW-19-39	Construction of new wastewater treatment facility	2019	P&D	P&D	3	L	N/A		12/28/18	\$ 1,200,000	\$ 1,200,000
Brighton	9209001	N/A	PD-CS-19-36	Install a new SAGR system	2019	P&D	P&D	3	L	N/A		12/21/18	\$ 426,000	\$ 426,000
Ely	5728001	N/A	PD-CW-19-35	Extend Sanitary Sewer	2019	P&D	P&D	3	L	N/A		11/30/2018	\$ 160,100	\$ 160,100
Essex	7349001	N/A	PD-CW-19-31	Wastewater system and sewer mains	2019	P&D	P&D	3	P	\$ 85,000			\$ 85,000	
Fort Dodge	9433003	N/A	PD-CW-19-32	Sanitary Sewer Rehabilitation Phase 2	2019	P&D	P&D	3	L	N/A		12/28/18	\$ 1,250,000	\$ 1,250,000
Goodell	4135001	N/A	PD-CW-19-33	New wastewater collection and treatment system	2019	P&D	P&D	3	L	N/A		2/8/2019	\$ 163,425	\$ 163,425
Perry	2561001	N/A	PD-CW-19-38	Wastewater Facility Plant Upgrade	2019	P&D	P&D	3	L	N/A		12/21/18	\$ 870,000	\$ 870,000
Rembrandt	1170001	N/A	PD-CW-19-37	relining sewer lines or putting in a lagoon or another cell	2019	P&D	P&D	3	L	N/A		4/19/19	\$ 70,000	\$ 70,000
Tipton	1689001	N/A	PD-CW-19-34	Wastewater Treatment Improvements	2019	P&D	P&D	3	L	N/A		12/21/18	\$ 435,000	\$ 435,000
Davenport	8222003	S2018-0145	1920896 01	UV Disinfection	2019	II	260	3	P	\$ 8,490,000			\$ 8,490,000	
Cambridge	8509001	S2016-0380	1920902 01	New diffuser to meet ammonia limits and UV disinfection	2019	II	255	3	P	\$ 633,000			\$ 633,000	
Maxwell	8557001	S2017-0135	1920901 01	Lemna system and UV disinfection	2019	II	250	3	P	\$ 3,009,000			\$ 3,009,000	
Eldon	9053001	S2016-0240A	1920903 01	CIPP lining for I&I	2019	IIIA	235	3	P	\$ 1,005,000			\$ 1,005,000	
Tripoli	0975001	S2017-0155	1920900 01	New discharge to Wapsi River, UV disinfection, new raw wastewater pumps	2019	II	232	3	P	\$ 2,010,000			\$ 2,010,000	
Bayard	3907001	S2017-0231	1920909 01	Construction of new 3 Cell controlled discharge lagoon system	2019	II	229	3	P	\$ 2,673,000			\$ 2,673,000	
Dallas Center	2520001	S2016-0399	1920905 01	SAGR and UV disinfection	2019	II	227	3	R	\$ 3,025,000			\$ 3,025,000	
Schleswig	2446001	S2017-0450	1920899 01	New lift station, lemna syste, UV disinfectin, new outfall, and emergency generator	2019	II	224	3	P	\$ 3,748,000			\$ 3,748,000	
Everly	2115001	S0217-0336	1920906 01	Increase pump station capacity and convert CDL to an aerated lagoon	2019	I	215	3	R	\$ 2,725,000			\$ 2,725,000	
Wapello	5879001	S2018-0317	1920907 01	Disconnect Combined Sewers	2019	V	195	3	L	N/A		8/23/19	\$ 342,626	\$ 441,000
Fort Dodge	9433003	S2015-0080	1920908 01	Sanitary Sewer Rehabilitation Phase 2	2019	IIIA, IIIB	190	3	R	\$ 15,533,999			\$ 15,533,999	
Hawarden	8434001	S2018-0375	1920897 01	Rehab activated sludge/digester aeration system, backup power, clarifier improvements	2019	I	170	3	L	N/A		8/30/19	\$ 3,179,000	\$ 3,510,000
Hubbard	425000	S2017-0079	1920898 01	CIPP lining for I&I, manhole repair	2019	IIIA	134	3	L	N/A		7/26/19	\$ 624,000	\$ 900,000
Mediapolis	2948001	S2015-0002	1920904 01	CIPP lining for I&I repair	2019	IIIA	129	3	R	\$ 1,312,000			\$ 1,312,000	
Albia	6803001	N/A	PD-CW-19-28	Improvements to North & West Wastewater Treatment Facility	2019	II	P&D	2	L	N/A		12/14/18	\$ 790,000	790-000

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Cambridge	8509001	N/A	PD-CW-19-22	Construction of new effluent diffuser at South Skunk River and new UV disinfection system	2019	P&D	P&D	2	L	N/A		10/19/18	\$ 200,000	\$ 200,000
Farnhamville	1320001	N/A	PD-CW-19-27	Wastewater System Improvements	2019	II	P&D	2	L	N/A		10/26/18	\$ 38,000	\$ 38,000
Hubbard	4254001	N/A	PD-CW-19-23	Sanitary Sewer Improvements	2019	P&D	P&D	2	L	N/A		10/26/18	\$ 200,000	\$ 200,000
Ida Grove	4728001	N/A	PD-CW-19-20	Wastewater Treatment Facility Improvements	2019	II	P&D	2	L	N/A		9/28/18	\$ 480,000	\$ 480,000
Lewis	1535001	N/A	PD-CW-19-25	Sanitary Sewer Improvements and construction of new cell at wastewater treatment lagoon	2019	P&D	P&D	2	L	N/A		10/26/18	\$ 225,000	\$ 225,000
Ottumwa	9083001	N/A	PD-CW-19-29	Construction of new separate sanitary sewer throughout Blake's Branch Basin	2019	P&D	P&D	2	P	\$ 3,900,000			\$ 3,900,000	
Peosta	3150000	N/A	PD-CW-19-26	Construction of new wastewater treatment facility	2019	P&D	P&D	2	L	N/A		10/12/18	\$ 1,105,500	\$ 1,105,500
Traer	8681001	N/A	PD-CW-19-19	Wastewater Treatment Facility Improvements	2019	II	P&D	2	L	N/A		11/30/18	\$ 500,000	\$ 500,000
Winterset	6171001	N/A	PD-CW-19-24	Replacement of North Pump Station	2019	P&D	P&D	2	L	N/A		9/28/18	\$ 105,000	\$ 105,000
Blairstown	0607001	S2017-0311	1920889 01	Aerated Lagoon with Disinfection	2019	I, II	282	2	P	\$ 1,173,000			\$ 1,173,000	
Lake Mills	9545001	S2017-0385	1920894 01	WWTF Improvements (SAGR)	2019	I, II	277	2	P	\$ 1,799,000			\$ 1,799,000	
DeWitt	2330001	S2018-0262	1920895 01	WWTF Disinfection Improvements	2019	II	224	2	P	\$ 955,000			\$ 955,000	
Waverly	0990001	S2018-0335	1920892 01	WWTP Improvements	2019	IV-B	205	2	P	\$ 9,132,435			\$ 9,132,435	
Waterloo	0790001	S2017-0196	1920893 01	New Interceptor Sewer	2019	IV-B	175	2	P	\$ 5,771,000			\$ 5,771,000	
Winterset	6171001	S2018-0411	1920890 01	North Pump Station Improvements	2019	IV-B	127	2	P	\$ 1,807,581			\$ 1,129,000	
Lone Tree	5240001	N/A	PD-CW-19-06	WWTF Upgrades	2019	P&D	P&D	1	L	N/A		6/22/18	\$ 460,000	\$ 460,000
New Albin	3070001	N/A	PD-CW-19-10	Construction of new AlgaeWheel wastewater treatment plant, including new screening and lift station	2019	P&D	P&D	1	L	N/A		7/13/18	\$ 175,000	\$ 175,000
Wastewater Reclamation Authority	7727001	N/A	PD-CW-19-07	Sewer Lining	2019	P&D	P&D	1	L	N/A		6/29/18	\$ 2,200,000	\$ 2,200,000
Wastewater Reclamation Authority	7727001	N/A	PD-CW-19-08	WRF Clarifiers	2019	P&D	P&D	1	L	N/A		6/29/18	\$ 585,000	\$ 585,000
Waukon	0398001	N/A	PD-CW-19-11	Construction of new wastewater treatment plant	2019	P&D	P&D	1	L	N/A		6/22/18	\$ 658,000	\$ 658,000
West Union	3383003	N/A	PD-CW-19-12	Construction of new wastewater treatment plant	2019	P&D	P&D	1	L	N/A		6/22/18	\$ 430,000	\$ 430,000
Winfield	4493001	N/A	PD-CW-19-09	Modification of lagoons, additional treatment process, addition of UV disinfection	2019	P&D	P&D	1	L	N/A		6/29/18	\$ 310,000	\$ 310,000
West Union	3383303	S2017-0426	1920887 01	New WWTP	2019	I, II	295	1	P	\$ 6,561,000			\$ 6,561,000	

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Hartford	9128001	S2017-0245	1920877 01	Removal of biosolids from existing lagoons, construction of covered aerated lagoon system with polishing reactor, conversion of existing lagoon into equalization basin, installation of UV disinfection, and addition of emergency generator	2019	I, II	285	1	P	\$ 2,381,000			\$ 2,381,000	
Lone Tree	5240001	S2016-0010	1920883 01	EQ, new WWTP and disinfection	2019	I, II	279	1	P	\$ 5,862,000			\$ 5,862,000	
Osceola	2038002	S2016-0112	1920878 01	Construction of new activated sludge treatment plant, addition of UV disinfection, cogeneration of power from methane digester	2019	I, II	277	1	R	\$ 25,554,000			\$ 25,554,000	
Auburn	8104076	W2018-0247	1920931 01	Lagoon Facility Improvements	2019	I	245	1	P	\$ 227,000			\$ 227,000	
West Point	5691001	S2017-0004	1920880 01	SAGR treatment system	2019	II	219	1	L	N/A		7/12/19	\$ 1,506,000	\$ 1,885,000
Clinton	2326001	S2018-0233	1920886 01	Part of LTCP. Construction of new pump station and sanitary sewer	2019	V	197	1	L	N/A		7/19/19	\$ 7,437,000	\$ 8,005,000
Waterloo (Sanitary Gatewell Repairs)	0790001	S2018-0100	1920884 01	new gate wells and sanitary sewer	2019	III-B	185	1	P	\$ 3,581,000			\$ 3,581,000	
Independence	1037001	S2017-0122	1920881 01	Repairs to buildings, valves, piping, covers. Replacement of pump in pump station, and other WWTP improvements	2019	II	180	1	L	N/A		12/21/18	\$ 1,565,000	\$ 1,565,000
Wastewater Reclamation Authority	7727001	S2018-0315	1920885 01	Trickling filter removal for flood improvements	2019	V	180	1	L	N/A		12/7/18	\$6,767,000	\$ 6,000,000
Davenport	8222003	S2018-0177	1920888 01	I&I work. Replace a leaking interceptor sewer.	2019	IIIA	150	1	P	\$ 10,382,000			\$ 9,055,334	
Waukee (SW Area Trunk Sewer-Phase 2)	2573001	S2018-0083	1920882 01	extend trunk sewer to provide service to SW area of the city	2019	IV-B	145	1	P	\$ 1,690,000			\$ 1,690,000	
Bennett	1603001	N/A	PD-CW-18-43	Wastewater treatment upgrades to comply with bacteria standards	2018	II	P&D	4	L	N/A		3/23/18	\$ 399,000	\$ 399,000
Clarinda	7329001	S2017-0100	PD-CW-18-41	Wastewater treatment facility improvements	2018	II	P&D	4	L	N/A		4/27/18	\$ 920,000	\$ 920,000
Dickinson County	N/A	GNS18-1	PD-CW-18-50	Design stormwater wetland to treat runoff into East Okoboji Lake	2018	VIK	P&D	4	L	N/A		6/8/18	\$ 80,000	\$ 80,000
Gilbert	8531001	S2010-0025	PD-CW-18-54	Convert existing controlled lagoon system to continuous discharge aerated lagoon system. Supplemental ammonia removal process and UV disinfection will be included	2018	P&D	P&D	4	L	N/A		4/6/18	\$ 292,750	\$ 312,000
Hawkeye	3346001	S1018-0194	PD-CW-18-40	Sewer rehabilitation	2018	IIIA	P&D	4	L	N/A		4/27/18	\$ 50,000	\$ 50,000
Keokuk	5640001	S2018-0212	PD-CW-18-39	Combined sewer separation	2018	V	P&D	4	R	\$ 760,000			\$ 760,000	
Osceola	2038002	S2016-0112	PD-CW-18-38	Wastewater treatment facility improvements	2018	II	P&D	4	L	N/A		3/23/18	\$ 1,220,000	\$ 1,220,000
Sac City	8150001	N/A	PD-CW-18-44	Infiltration and inflow correction in sanitary sewers	2018	IIIA	P&D	4	L	N/A		3/30/18	\$ 195,000	\$ 195,000

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Sully	5076001	S2016-0092	PD-CW-18-53	Sewage Treatment Plant Improvements to comply with new permit limit.	2018	P&D	P&D	4	P	\$ 105,000			\$ 105,000	
Zwingle	4998001	N/A	PD-CW-18-42	Address permit limits on bacteria and ammonia	2018	II	P&D	4	R	\$ 125,000			\$ 125,000	
Madrid	0848001	S2017-0223	1920879 01	Construction of improvements to wastewater treatment plant to meet new effluent limits, including activated sludge units, equalization basin, and UV disinfection	2018	I, II	290	4	P	\$ 4,951,000			\$ 4,951,000	
Clarinda	32515756	S2017-0100	1920873 01	Major upgrade of aging wastewater treatment facility, including replacement of trickling filters with activated sludge, aerobic digestion, and biosolids storage	2018	I, II	272	4	R	\$ 15,400,000			\$ 15,400,000	
New Albin	0370001	S2013-0348	1920871 01	Construct new wastewater treatment plant to meet effluent limits, replace aging facilities, and provide redundant operation	2018	I, II	264	4	P	\$ 1,860,000			\$ 1,860,000	
Waukon	398001	S2017-0205A	1920875 01	Construct new wastewater treatment plant to address effluent violations and add UV disinfection and nutrient reduction	2018	I, II	264	4	L	\$ 2,525,000		4/19/19	\$ 12,525,000	\$ 10,000,000
Charles City	3405001	S2016-0468	1920876 01	Construct major upgrades to wastewater treatment facility to replace aging equipment and accommodate increases from industrial sources	2018	I, II	245	4	P	\$ 16,484,000			\$ 16,484,000	
Mitchellville	7751001	S2017-0458	1920869 01	Installation of UV disinfection to meet more stringent effluent limits in new NPDES permit	2018	II	242	4	R	\$ 698,475			\$ 698,475	
Sigourney	547002	S2016-0181	1920870 01	Installation of submerged growth activated reactor (SAGR) system after existing aerated lagoons to meet requirement of new NPDES permit	2018	II	224	4	P	\$ 5,070,225			\$ 5,070,225	
Ely	5728001	S2018-0133	1920865 01	Extend sanitary sewers to areas currently on individual septic systems and increase sewer capacity in other areas	2018	IVA, IVB	184	4	P	\$ 1,779,000			\$ 1,779,000	
Alton	8403001	S2018-0032	1920864 01	Removal of sludge in three-cell lagoon system to reduce chloride, rehabilitation of structures, pipes, and valves	2018	IIIB	172	4	L	N/A		7/6/18	\$ 1,056,000	\$ 1,056,000
Melcher-Dallas	6352001	S2018-0146	1920866 01	Address infiltration and inflow into the City's sanitary sewer system utilizing a variety of rehabilitation techniques	2018	IIIA	172	4	P	\$ 1,272,000			\$ 1,272,000	

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Keokuk	5604001	S2018-0212	1920872 01	Next phase of combined sewer separation under Long Term Control Plan - construct outlet to Mississippi River	2018	V	167	4	P	\$ 14,171,000			\$ 14,171,000	
Lynnville	5047001	S2018-0216	1920874 01	Address infiltration and inflow into the City's sanitary sewer system	2018	IIIA	157	4	P	\$ 415,000			\$ 415,000	
Hawkeye	3346001	S2018-0194	1920868 01	Address infiltration and inflow into the City's sanitary sewer system utilizing a variety of rehabilitation techniques	2018	IIIA	114	4	L	N/A		7/19/19	\$ 523,000	\$ 657,000
Ackley	4201001	S2016-0039	PD-CW-18-36	Sanitary sewer relining to address inflow/infiltration which is causing basement backups	2018	IIIA	P&D	3	L	N/A		1/12/18	\$ 155,000	\$ 155,000
Adel	2503001	S2018-0143	PD-CW-18-34	Plan sanitary sewer collection system improvements	2018	IIIB	P&D	3	L	N/A		1/5/18	\$ 580,050	\$ 580,050
Dallas Center	2520001	S2016-0399	PD-CW-18-33	Plan upgrade to wastewater treatment system to meet new NPDES permit limits on ammonia and bacteria	2018	II	P&D	3	R	\$ 210,000			\$ 210,000	
DeWitt	2330001	N/A	PD-CW-18-37	Plan upgrade to wastewater treatment system to meet new NPDES permit limits on ammonia and bacteria	2018	II	P&D	3	L	N/A		1/5/18	\$ 88,750	\$ 88,750
Lowden	1656001	W2017-0362	PD-CW-18-35	Replace existing treatment works with three continuous discharge lagoons followed by SAGR and UV disinfection to meet new NPDES effluent limits	2018	I,II	P&D	3	L	N/A		12/29/17	\$ 399,100	\$ 400,000
Schleswig	2446001	W2017-0450	PD-CW-18-32	Plan upgrade to wastewater treatment system to meet new NPDES permit limits on ammonia and bacteria	2018	II	P&D	3	L	N/A		12/29/17	\$ 180,000	\$ 180,000
Lowden	1656001	S2017-0362	1920862 01	Replace existing treatment works with three continuous discharge lagoons followed by SAGR and UV disinfection to meet new NPDES effluent limits	2018	I,II	274	3	L	N/A		8/30/19	\$ 4,059,000	\$ 4,312,000
Montezuma	7950001	S2016-0051	1920859 01	Convert existing aerated lagoon to enhanced treatment with addition of SAGR and UV disinfection to meet new NPDES effluent limits	2018	I,II	267	3	L	\$ 400,064		10/4/19	\$ 4,589,936	\$ 4,990,000
Des Moines	772001 (WRA)	S2018-0068	1920858 01	Combined sewer separation in the King-Irving neighborhood to meet the requirements of the City of Des Moines long-term control plan	2018	V	235	3	P	\$ 15,260,000			\$ 15,260,000	

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Waukee (Little Walnut Creek Trunk Sewer-Ph 3)	2573001	S2018-0084	1920861 01	Construct trunk sewer to provide sanitary sewer service to new high school and northwest area of city	2018	IVB	160	3	L	N/A		7/6/18	\$ 3,513,000	\$ 2,948,000
Ackley	4201001	S2016-0039	1920863 01	Sanitary sewer relining to address inflow/infiltration which is causing basement backups	2018	IIIA	142	3	L	N/A		8/31/18	\$ 3,047,000	\$ 3,200,000
Eldon	9053001	S2016-0240A	PD-CW-18-22	Disinfection, sewer rehabilitation	2018	II, IIIB	P&D	2	L	N/A		9/22/2017	\$ 200,000	\$ 200,000
Maxwell	8557001	S2017-0135	PD-CW-18-23	WWTP improvements to address e. coli and ammonia removal requirements	2018	II	P&D	2	R	\$ 38,000			\$ 38,000	
Mechanicsville	1667001	W2017-0296A	PD-CW-18-24	WWTP improvements to address e. coli and ammonia removal requirements	2018	II	P&D	2	L	N/A		10/4/2019	\$ 320,000	\$ 320,000
Miles	4953001	S2013-0064	PD-CW-18-25	WWTP upgrade	2018	II	P&D	2	L	N/A		1/26/2018	\$ 154,000	\$ 154,000
Tipton	1689001, 1689002	N/A	PD-CW-18-26	Sanitary sewer rehabilitation	2018	IIIB	P&D	2	R	\$ 500,000			\$ 500,000	
Wayland	4490001	S2017-0271A	PD-CW-18-27	WWTP improvements to address e. coli and ammonia removal requirements, I/I reduction in sanitary sewers	2018	P&D	P&D	2	L	N/A		5/31/2019	\$ 180,000	\$ 180,000
Nora Springs	3423001	S2016-0216A	CS1920857 01	New activated sludge wastewater treatment facility to meet effluent limits	2018	II	295	2	L	\$ 242,000		5/31/19	\$ 7,497,000	\$ 7,739,000
Nora Springs	3423001	S2016-0216A	CS1920857 G1	New activated sludge wastewater treatment facility to meet effluent limits	2018	II	295	2	L	\$ 358,000		7/26/19	\$ 242,000	\$ 600,000
Smithland	9783001	S2017-0060	1920856 01	Install UV disinfection to comply with e. coli limits. Implement sewer lining to reduce I/I and increase wastewater treatment efficiency	2018	II, IIIA	285	2	L	N/A		7/26/19	\$ 915,000	\$ 564,000
Wilton	7078801	S2015-0204	1920850 01	Construction of new WWTP to meet new effluent limits, including UV disinfection.	2018	I, II	282	2	L	N/A		6/29/18	\$ 6,211,000	\$ 6,211,000
Pocahontas	7633001	S2017-0028	1920855 R1	Sanitary sewer lining to decrease I/I; UV disinfection; and other wastewater treatment plant improvements	2018	II, IIIA	254	2	L	N/A		9/28/2018	\$ 2,892,000	\$ 1,364,000
Pocahontas	7633001	S2017-0028	1920855 R2	Sanitary sewer lining to decrease I/I; UV disinfection; and other wastewater treatment plant improvements	2018	II, IIIA	254	2	L	N/A		6/7/2019	\$ 1,528,000	\$ 2,779,000
Mount Vernon	5758001	S2017-0177	1920853 01	Installation of UV disinfection to meet effluent limits; replacement of main lift screw pumps and rehabilitation of clarifier mechanisms	2018	II	250	2	L	N/A		8/30/019	\$ 1,766,000	\$ 1,766,000

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Estherville	3218002	S2016-0265	1920849 01	Construction of an activated sludge basin, new blower building, new wastewater and air piping. Abandonment of existing tricking filters. New NPDES permit requires upgrades.	2018	II	237	2	P	\$ 15,926,000			\$ 15,926,000	
Monroe	505001	S2015-0337	1920852 01	Expand lagoon capacity but increasing size of primary cell and adding another secondary cell	2018	I	235	2	L	N/A		5/31/19	\$ 3,552,675	\$ 1,470,000
Monroe	505001	S2015-0337	1920852 01	Expand lagoon capacity but increasing size of primary cell and adding another secondary cell	2018	I	235	2	L	N/A		6/7/19	\$ 2,082,675	\$ 2,400,000
Allerton	9303003	S2015-0086	1920854 01	Sanitary sewer lining and manhole rehabilitation to decrease I/I	2018	IIIA	175	2	L	N/A		8/30/19	\$ 271,000	\$ 155,000
Spencer	2171004	S2016-0203B	1920745 03	Combined sewer separation, Phase II	2018	V	174	2	L	N/A		6/22/18	\$ 2,148,000	\$ 1,508,000
Wright County (Eagle Grove)	9926001	S2015-0355	1920851 01	Finance county share of wastewater treatment system upgrade in Eagle Grove	2018	I, II	174	2	L	N/A		12/1/2017	\$ 4,046,000	\$ 4,046,000
Blairstown	607001	N/A	PD-CW-18-15	Improvements to an aerated lagoon	2018	I	P&D	1	L	N/A		1/26/18	\$ 147,500	\$ 147,500
Glidden	1438001	N/A	PD-CW-18-07	Construction of a new aerated lagoon facility	2018	I	P&D	1	R	\$ 215,000			\$ 215,000	
Madrid	0848001	N/A	PD-CW-18-13	Wastewater Treatment Facility upgrade	2018	II	P&D	1	L	N/A		8/25/17	\$ 460,000	\$ 460,000
Wastewater Reclamation Authority	7727001	N/A	PD-CW-18-14	WRF Phosphorus Recovery Facility project	2018	II	P&D	1	L	N/A		12/15/17	\$1,600,000	\$ 1,600,000
West-High Amana SSD	4880901	N/A	PD-CW-18-12	Improvements to aerated lagoon to comply with e. coli and ammonia standards	2018	II	P&D	1	L	N/A		11/17/17	\$ 85,000	\$ 85,000
Sioux Center	8486002	S2016-0169	1920838 R1/G1/RT1	Construction of a new main lift station, preliminary treatment, activated sludge with biological nutrient removal, UV disinfection, and aerated digestion	2018	I, II, IVB	297	1	L	N/A		1/12/18	\$ 28,140,000	\$ 26,742,000
Merrill	7548001	S2015-0366	1920846 01	Wastewater treatment facility improvements	2018	I, II	295	1	L	N/A		6/1/18	\$ 2,514,000	\$ 1,300,000
Scranton	3759001	S2016-0048	1920847 01	Convert existing aerated lagoon to an enhanced one with the addition of a SAGR system	2018	I, II	290	1	R	\$ 2,137,133			\$ 2,137,133	
Gilbert	8531001	S2010-0025	1920844 01	Convert existing controlled lagoon system to continuous discharge aerated lagoon system. Supplemental ammonia removal process and UV disinfection will be included	2018	I, II	274	1	L	N/A		8/3/2018	\$ 3,819,000	\$ 4,548,000
Eagle Grove	9926001	S2015-0355	1920841 01	Wastewater Treatment System Upgrade	2018	I, II	264	1	L	N/A		12/1/2017	\$ 19,576,000	\$ 28,130,000
Central City	5720001	2017-0057A	1920836 01	WWTP Expansion to include ammonia removal and disinfection. Gravity sewer expanded to allow for removal of lift station	2018	II, IV-A	259	1	L	N/A		1/25/19	\$ 4,069,000	\$ 4,084,000

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Burlington	2909001	S2017-0262	1920843 01	Replacement of a new sanitary sewer along the existing combined sewer alignment	2018	V	247	1	L	N/A		7/12/19	\$ 6,197,000	\$ 8,176,000
Roland	8570001	S2016-0050	1920826 01	Convert existing aerated lagoon to enhanced treatment aerated lagoon with the addition of Lemna system to meet new effluent ammonia limits. Addition of UV disinfection.	2018	II	242	1	L	N/A		11/30/2018	\$ 2,886,360	\$ 4,100,000
Sully	5076001	S2016-0092	1920837 01	Sewage Treatment Plant Improvements to comply with new permit limit.	2018	II	242	1	L	N/A		4/26/19	\$ 1,065,000	\$ 983,000
Stanwood	1681001	S2017-0085A	1920835 01	Improvements include Submerged Attached Growth Reactors installation for removal of ammonia nitrogen with recycle loop for total nitrogen removal. New diffused aeration system.	2018	II	224	1	L	N/A		7/26/19	\$ 2,280,646	\$ 2,906,000
Tiffin	5288001	S2015-0202	1920842 01	Wastewater Treatment Plant Improvements - Phase 2	2018	I, II	189	1	L	N/A		5/11/18	\$ 6,598,000	\$ 6,754,000
Marshalltown	6469001	S2017-0286	1920840 01	Lamp hole, tee, and manhole replacements with new manholes, along with pipe point repairs	2018	III-A	165	1	L			7/19/19	\$ 3,500,000	\$ 3,500,000
Lisbon	5748001	S2017-0295	1920839 01	Rehabilitation of existing sanitary sewer collection system to reduce I&I	2018	III-A	155	1	L	N/A		8/17/18	\$ 1,489,000	\$ 658,000
Lisbon	5748001	S2017-0295	1920839 S1	Rehabilitation of existing sanitary sewer collection system to reduce I&I	2018	III-A	155	1	L	N/A		12/7/18	\$ 272,000	\$ 272,000
Oskaloosa	6273001	S2017-0294	1920845 01	Address inflow and infiltration to prevent bypassing through manhole rehabilitation, sewer replacement, and sewer lining	2018	IIIA	142	1	L	\$ 4,446,000		5/25/18	\$ 8,268,000	\$ 3,822,000
Oskaloosa	6273001	S2017-0294	1920845 02	Address inflow and infiltration to prevent bypassing through manhole rehabilitation, sewer replacement, and sewer lining	2018	IIIA	142	1	L	N/A		5/10/19	\$ 3,176,000	\$ 3,176,000
Indianola	9133001	S2017-0298	1920848 01	Morlock Lift Station Sanitary Sewer Improvements	2018	IVA, IVB	129	1	L	N/A		12/1/17	\$ 3,291,375	\$ 3,267,000
Pierson	9766002	N/A	PD-CW-17-42	Inflow/infiltration correction	2017	IIIA	P&D	4	R	\$ 96,000			\$ 96,000	
Sheldahl	8580001	N/A	PD-CW-17-41	Analysis of treating own wastewater or continuing to pump to Slater	2017	I	P&D	4	R	\$ 20,000			\$ 20,000	
LeGrand	8657001	S2015-0434	1920821 01	Convert existing lagoon to a controlled discharge	2017	I	295	4	L	N/A		4/26/19	\$ 2,389,000	\$ 2,089,000
Greenfield	0140001	S2013-0215	1920822 01	Construct a new activated sludge treatment plant at a new site.	2017	I,II	285	4	L	N/A		12/8/17	\$ 6,342,000	\$ 5,193,000
Greenfield	0140001	S2013-0215	1920822 G1	Construct a new activated sludge treatment plant at a new site.	2017	I,II	285	4	L	N/A		7/27/18	\$ 2,596,000	\$ 2,596,000

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Winthrop	1093001	S2016-0312	1920827 01	Converting existing aerated lagoon into covered aerated lagoon followed by a submerged fixed film polishing reactor (Lemna system) to improve ammonia removal, upsizing existing Main lift station.	2017	II	274	4	L	N/A		5/24/19	\$ 2,075,000	\$ 2,632,000
Slater	8580001	S2016-0070	1920820 01	Wastewater Treatment Facility Improvements	2017	I,II	267	4	P	\$ 6,650,000			\$ 6,650,000	
Lake View	8127001	S2015-0174	1920828 01	Construction of a new enhanced aerated lagoon system using LEMNA or SAGR	2017	I,II	264	4	L	N/A	30%	7/20/18	\$ 4,696,000	\$ 6,700,000
New Sharon	6264001	S2015-0384	1920829 01	Improvements to treatment plant including addition of treatment units to allow facility to meet new discharge limits	2017	II,IIIA	252	4	L	N/A		9/28/18	\$ 2,376,000	\$ 2,376,000
Calmar	9615000	S2015-0451	1920823 01	Utilization of a new Submerged Attached Growth Reactor (SAGR) System for their existing aerated lagoon and a new Ultraviolet (UV) disinfection system	2017	II	240	4	L	N/A	30%	5/25/18	\$ 3,501,000	\$ 2,977,000
Klemme	4155001	S2013-0199	1920833 01	Meet effluent limits by constructing an equalization basin, UV disinfection, and a new outfall	2017	II	240	4	L	N/A		7/27/18	\$ 1,206,000	\$ 1,287,000
Creston	8816001	S2015-0383	1920834 01	Repair/replacement of aging infrastructure and addition of disinfection	2017	I, II	232	4	L	N/A		1/18/2019	\$ 3,216,000	\$ 3,216,000
Mediapolis	2948001	S2015-0002	1920832 01	WW Lagoon Improvements - Phase 1 Sewer Rehab	2017	II	174	4	L	N/A		1/5/18	\$ 1,759,000	\$ 1,107,000
Garrison	0625001	S2015-0228	1920830 01	Collection System Rehabilitation	2017	IIIA,IIIB	169	4	L	N/A		5/25/18	\$ 665,000	\$ 365,000
Garrison	0625001	S2015-0228	1920830 R1	Collection System Rehabilitation	2017	IIIA,IIIB	169	4	L	N/A		8/24/18	\$ 300,000	\$ 182,000
Springville	5782002	S2016-0174	1920824 01	Sanitary sanitary sewer collection system improvements	2017	IIIA,IVB	144	4	L	N/A		5/11/18	\$ 956,000	\$ 956,000
Moville	9753001	S2017-0190	1920825 01	Replacement of a new lift station, sized to account for future growth of the city and increased I/L. Two submersible pumps will be installed, and the City will have option to install a grinder pump	2017	IVB	122	4	L	N/A		9/22/2017	\$ 875,000	\$ 856,000
Modale	Unknown	N/A	PD-CW-17-30	Lagoon Rehabilitation	2017	I	P&D	3	R	\$ 60,500			\$ 60,500	
Tipton	lication Found in IUF	N/A	PD-CW-17-32	Wastewater treatment improvements to meet effluent ammonia, E.coli, and metels requirements in the city's NPDES Permits	2017	II	P&D	3	L	N/A		7/7/17	\$ 300,000	\$ 300,000
Ogden	0858001	S2014-0142	1920816 01	Plant upgraded to meet NPDES Permit	2017	I,II	280	3	L	N/A		3/30/18	\$ 4,809,126	\$ 5,429,000

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Eldridge	8230003	S2015-0001	1920818 01	Change lagoons to equalization basins. New Lift Station, force main, gravity sewer, increased SBR treatment capacity at South Slope, addition of disinfection and sludge treatment improvements	2017	I, II, IVB	264	3	L	N/A		7/20/2018	\$ 14,970,000	\$ 6,000,000
Eldridge	8230003	S2015-0001	1920818 G1	Change lagoons to equalization basins. New Lift Station, force main, gravity sewer, increased SBR treatment capacity at South Slope, addition of disinfection and sludge treatment improvements	2017	I, II, IVB	264	3	L	N/A		11/16/2018	\$ 8,970,000	\$ 9,000,000
Corydon	9334004	S2014-0043	1920815 01	Wastewater Treatment Facility Improvements	2017	II	237	3	P	\$ 3,304,000			\$ 3,304,000	
Hubbard	425001	S2017-0079	1920817 01	Sanitary Sewer Construction and Rehabilitation	2017	IIIA	152	3	L	\$ 1,399,000		12/29/17	\$ 2,176,000	\$ 777,000
Moravia	0467008	N/A	PD-CW-17-31	I&I reduction in sewer collection system	2017	IIIA	P&D	2	R	\$ 115,000			\$ 115,000	
Shenandoah	3659001	S2016-0002	1920806 01	3 phase wastewater treatment facility improvements - Phase 1: Solids Treatment & Disposal - Phase 2: Collection System and Wastewater Plant Permit Compliance - Phase 3: Wastewater Treatment Facility Nutrient Reduction Strategy	2017	I,II	290	2	L	N/A		9/8/17	\$ 643,000	\$ 833,000
Allison	1203001	S2014-0095	1920802 01	Wastewater Treatment Facility Improvements	2017	II	260	2	L	N/A		12/1/17	\$ 2,367,268	\$ 2,112,000
Woodward	2576001	S2015-0344	1920814 01	Convert existing aerated lagoon to enhanced treatment aerated lagoon with the addition of a Lemna system. Addition of UV disinfection for new e.coli limits	2017	II	242	2	L	N/A		1/11/19	\$ 5,715,938	\$ 5,716,000
Sioux City	9778001	S2016-0389	1920813 01	Improve various treatment plant equipment to renew initial capacity, improve performance, improve reliability and generate biogas.	2017	I,II	217	2	P	\$ 31,983,398			\$ 31,983,398	
Waterloo (CIPP Phase III)	0790001	S2016-0285	1920811 01	Excavating and repairing pipe using traditional methods. Rehabilitate sanitary sewers and rehabilitate manholes that have deteriorated.	2017	III-A	185	2	L	\$ 898,000		5/18/18	\$ 2,498,000	\$ 1,600,000
Wastewater Reclamation Authority	7727001	S2016-0238	1920805 01	Replace with stacked tray (HeadCell) grit removal technology in the vicinity of existing grit aerated grit chambers.	2017	I	180	2	L	\$ 5,300,000		5/18/18	\$ 9,500,000	\$ 4,200,000
Wastewater Reclamation Authority	7727001	S2016-0238	1920805 02	Replace with stacked tray (HeadCell) grit removal technology in the vicinity of existing grit aerated grit chambers.	2017	I	180	2	L	N/A		12/7/18	\$ 5,300,000	\$ 11,300,000

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Waterloo (Instrumentation & Controls Systems)	0790001	S2016-0365A	1920809 01	Upgrade current Programmable Logic Controllers (PLCs). Upgrade current Supervisory Control & Data Acquisition (SCADA) system communication protocol. Add fiber Optic for bringing new systems onto the network	2017	II	180	2	L	N/A		4/19/19	\$ 1,089,000	\$ 1,179,000
Waterloo (Flow Equalization Facility Overflow Connection to Satellite WPCF)	0790001	S2015-0284	1920808 01	Install new gravity line from existing equalization basin to the Satellite Aeration basins. Also include discharge pipe from the Satellite basins to the Easton Aeration Basin	2017	I	170	2	L	N/A		4/19/19	\$ 978,000	\$ 898,000
Fayette	3342001	S2016-0375	1920812 01	Slip lining approximately 5,320 feet of sanitary sewer main and completing spot repairs at 10 locations through the collection system.	2017	IIIA	154	2	L	N/A		9/28/18	\$ 319,999	\$ 415,000
Waterloo (Dry Run Creek Interceptor)	0790001	S2015-0280	1920807 01	New lift station, force main and gravity sewer are proposed	2017	IV-B	150	2	R	\$ 5,237,055			\$ 4,337,000	
Waukee	2573001	S2016-0413	1920810 01	Upgrade existing lift station and force main	2017	IV-B	119	2	L	N/A		9/1/17	\$ 12,537,000	\$ 12,537,000
Algona	5502001	S2016-0239	PD-CW-17-04	Rehabilitation and reconstruction of the sanitary sewer collection system	2017	IIIB	P&D	1	R	\$ 130,000			\$ 130,000	
Slater	8580001	N/A	PD-CW-17-07	Wastewater treatment plant improvements necessary in order to meet ammonia-nitrogen, dissolved oxygen and E. coli discharge limits.	2017	II	P&D	1	R	\$ 461,000			\$ 461,000	
Des Moines	77277001 (WRA)	S2016-0194	1920795 R1	Near West Side: Construction of some new storm sewer systems, some new sanitary sewer and one pump station. Construction of a regional detention basin to mitigate increase of flooding	2017	IIIA, IIIB, IVA, V, VI	305	1	L	N/A		10/12/18	\$ 18,600,000	\$ 9,250,000
Des Moines	77277001 (WRA)	S2016-0194	1920795 R2	Near West Side: Construction of some new storm sewer systems, some new sanitary sewer and one pump station. Construction of a regional detention basin to mitigate increase of flooding	2017	IIIA, IIIB, IVA, V, VI	305	1	L	N/A		10/12/18	\$ 9,350,000	\$ 9,250,000

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Elkhart	7730001	S2015-0187	1920798 01	Construction of an outfall sewer leading from the existing wastewater treatment plant to the new wastewater treatment facility	2017	I, II, IVB	305	1	L	N/A		6/29/18	\$ 3,865,000	\$ 3,499,000
Elkhart (2nd loan)	7730001	S2015-0187	1920798 02	Construction of an outfall sewer leading from the existing wastewater treatment plant to the new wastewater treatment facility	2017	I, II, IVB	305	1	L	N/A		12/7/18	\$ 1,517,000	\$ 1,350,000
Norway	0656001	S2015-0209	1920794 G1	Addition of a secondary treatment that is capable of treating the ammonia-nitrogen. Disinfection facilities will be installed to meet the e.coli effluent limits	2017	I, II	222	1	L	N/A		2/9/18	\$ 3,065,000	\$ 500,000
Norway	0656001	S2015-0209	1920794 R1	Addition of a secondary treatment that is capable of treating the ammonia-nitrogen. Disinfection facilities will be installed to meet the e.coli effluent limits	2017	I, II	222	1	L	N/A		7/13/18	\$ 2,980,000	\$ 2,980,000
Algona	5502001	S2016-0239	1920796 01	Rehabilitation project to address I/I related and structural issues in existing sanitary sewer pipes and manholes	2017	IIIA, IIIB,	195	1	L	N/A		8/18/17	\$ 2,396,000	\$ 2,396,000
Wastewater Reclamation Authority	7727001	S2016-0243	1920797 R1	Biogas Conditioning & injection Improvements	2017	II	175	1	L	\$ 2,814,000		12/7/18	\$ 12,814,000	\$ 10,000,000
Wastewater Reclamation Authority	7727001	S2016-0243	1920797 R2	Biogas Conditioning & injection Improvements	2017	II	175	1	L	N/A		12/7/18	\$ 2,814,000	\$ 8,000,000
Emerson	6520001	S2015-0430	1920790 01	Collection System Improvements	2017	IIIA, IVB	159	1	R	\$ 1,136,200			\$ 1,023,200	
Lenox	8748001	S2013-0187	1920799 01	Construction of a submerged attached growth reactor (SAGR) system	2017	II	149	1	L	N/A		11/17/17	\$ 2,261,000	\$ 2,558,000
Oelwein	3353001	S2016-0256	1920793 01	Installation of two new wastewater pumps to increase capacity of existing 20th Street Lift Station. Improvements to the electrical service, existing control panel and addition of VFDs.	2017	IVB	122	1	L	N/A		4/13/18	\$ 248,000	\$ 338,000
Oelwein	3353001	N/A	PD-CW-16-40	Installation of new sanitary sewer	2016	IVA	P&D	4	R	\$ 33,500			\$ 33,500	
Mt Pleasant	4453001	S2015-0081	1920780 01	Main plant upgrades and sewer system	2016	II	275	4	L	N/A		8/25/2017	\$ 3,518,000	\$ 3,500,000
Des Moines	7727001 (WRA)	S2016-0196	1920781 R1	Lower Oak Park/Highland Park: Remove storm sewer inlets within the drainage basin that are connected to combined sewer and either eliminate or tie to dedicated storm sewers. Existing sewers will become dedicated sanitary sewers	2016	V	240	4	L	N/A		10/12/18	\$ 12,060,000	\$ 6,093,000

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Des Moines	7727001 (WRA)	S2016-0196	1920781 R2	Lower Oak Park/Highland Park: Remove storm sewer inlets within the drainage basin that are connected to combined sewer and either eliminate or tie to dedicated storm sewers. Existing sewers will become dedicated sanitary sewers	2016	V	240	4	L	N/A		10/12/18	\$ 5,967,000	\$ 6,093,000
Johnston	7727001 (WRA)	S2016-0194	1920782 01	Installation of sanitary sewer in area currently on septic systems, in the East of Merle Hay Neighborhood	2016	IVA, IVB, VI	230	4	L	N/A		5/4/17	\$ 6,076,000	\$ 3,114,000
Johnston	7727001 (WRA)	S2016-0194	1920782 G2	Installation of sanitary sewer in area currently on septic systems, in the East of Merle Hay Neighborhood	2016	IVA, IVB, VI	230	4	L	N/A		4/12/19	\$ 4,070,000	\$ 4,070,000
Brandon	1011001	S2009-0160	1920779 01	Add a UV system (SAGR) to disinfect the effluent and meet the NPDES Permit requirements for E.Coli	2016	II	225	4	P	\$ 1,638,000			\$ 1,638,000	
Reinbeck	3870001	S2015-0175	1920776 01	Construct an UV disinfection system to meet the effluent limits dictated by The Iowa Department of Natural Resources and NPDES Permitting.	2016	II	225	4	L	N/A		11/30/18	\$ 596,000	\$ 792,000
West Union	3383303	S2015-0356	1920791 01	Construction of equalization basin and lift station along with installation of ultraviolet disinfection system.	2016	II	225	4	L	N/A		1/19/18	\$ 888,000	\$ 319,000
Denison	2424001	S2016-0117	1920778 01	Replacement & Rehabilitation of structures and equipment approaching the end of their service lives	2016	II	190	4	L	N/A		7/13/18	\$ 8,653,000	\$ 10,206,000
Ames	8503001	S2016-0071	1920789 01	To improve screening at the WPCF city intends to replace existing channel grinder with a mechanical bar screen	2016	I	170	4	L	N/A		2/16/18	\$ 981,000	\$ 1,001,000
Fort Madison	5625001	S2016-0150	1920786 01	Construction of a new gravity sanitary sewer interceptor along H avenue to capture sanitary sewer flows from the north.	2016	IVB	152	4	L	N/A		8/18/17	\$ 3,250,170	\$ 2,668,000
Dubuque	3126001	S2016-0206	1920792 01	Relocation and reconstruction of sanitary sewer along Kerper Blvd.	2016	IIIB	147	4	L	N/A		3/8/19	\$ 4,308,300	\$ 2,763,000
Ames	8503001	S2013-0327	1920741 02	Address Infiltration and inflow into the City's sanitary sewer system utilizing a variety of rehabilitation techniques.	2016	IIIA	145	4	R	\$ 19,421,625			\$ 19,421,625	

Project Name	NPDES No.	Project Number	CWSRF No.	Project Description	IUP Yr	Needs Category	Priority Points	Quarter	Project Status	Current Requests	Loan Forgiveness	Date Loan Signed	Original Request	Loan Amount
Manning	1457001	S2016-0188	1920785 01	Replace existing sanitary sewer using materials and construction techniques for reduction in I&I	2016	IIIA	142	4	L	N/A		7/6/18	\$ 600,000	\$ 436,000
Bancroft	5507002	S2014-0136	1920777 01	Increase capacity of existing controlled discharge lagoon. Piping improvements within facility will also be done.	2016	I	139	4	L	N/A		7/13/18	\$ 1,061,682	\$ 1,258,000
Stanwood	1681001	S2016-0154	1920783 01	Removal, replacement and abandonment of gravity sanitary sewer and replace with a sanitary sewer that will reduce I/I in the collection system	2016	IIIA	127	4	R	\$ 276,800			\$ 276,800	
Mapleton	6727001	S2015-0440	PD-CW-16-30	Wastewater Treatment Improvements to comply with ammonia nitrogen limits, maintain TSS limits, and meet new NPDES standards	2016	I	P&D	3	R	\$ 225,000			\$ 225,000	
Fort Atkinson	9641001	S2015-0087	1920770 01	Construct a larger Lagoon that will only discharge once a year. Also includes an ultra violet disinfection system.	2016	I, II	290	3	P	\$ 1,249,000			\$ 1,249,000	
Coralville	5208001	S2014-0388	1920767 01	Improvements to the treatment system include expansion of equalization basin; new headworks; new aeration basins; final clarifiers, and replacement of UV disinfection system.	2016	I, II	250	3	L	N/A		10/12/18	\$ 36,106,000	\$ 36,106,000
Greene	1253001	S2015-0235	1920775 01	Construct a new Submerged Attached Growth Reactor (SAGR) system for existing aerated lagoon and a new UV disinfection system.	2016	II	249	3	L	N/A		12/28/18	\$ 3,670,260	\$ 3,462,000
West Burlington	2985001	S2014-0456	1920766 01	Improvements include additional activated sludge treatment tankage and conversion of existing aerated lagoon cells in to flow equalization basins. New headworks facility and upgrades to existing aged equipment and standby power.	2016	I	214	3	L	N/A		7/21/17	\$ 10,000,000	\$ 10,985,000
St Donatus	4979001	S2011-0308	1920773 01	Relining existing two cell lagoon and construction of lift station	2016	I, IVB	185	3	L	N/A	30%	12/22/17	\$ 398,000	\$ 300,000
St Donatus	4979001	S2011-0308	1920773 R1	Relining existing two cell lagoon and construction of lift station	2016	I, IVB	185	3	L	N/A	30%	1/19/18	\$ 398,000	\$ 542,000
Marathon	1150001	S2015-0402	1920771 01	Construct a 3 cell controlled discharge lagoon to meet the NPDES Permit Limits	2016	I	162	3	P	\$ 1,171,000			\$ 1,171,000	

Project Name	NPDES No.	Project Number	CWSRF No.	Project Description	IUP Yr	Needs Category	Priority Points	Quarter	Project Status	Current Requests	Loan Forgiveness	Date Loan Signed	Original Request	Loan Amount
Davis City	2715001	S2016-0072	1920769 01	Rehabilitation of existing sanitary sewer mains and sanitary sewer manholes. Drainage & erosion improvements at the wastewater facility.	2016	IIIA	100	3	L	N/A		1/19/18	\$ 457,000	\$ 314,000
RUSS(Moar/Powdertown)	Unknown	N/A	PD-CW-16-11	Planning for severe styetm in community of Moar/Powdertown	2016	I,IVA	P&D	2	R	\$ 100,000			\$ 100,000	
Strawberry Point	2279001	S2015-0213	1920753 01	WWTP Disinfection and Ammonia Removal	2016	II	250	2	L	N/A		11/17/17	\$ 426,000	\$ 322,000
De Soto	2529001	S2014-0066	1920759 G1	Wastewater Treatment Facility Improvements	2016	II	232	2	L	N/A		9/1/17	\$ 1,102,000	\$ 1,102,000
De Soto	2529001	S2014-0066	1920759 R1	Wastewater Treatment Facility Improvements	2016	II	232	2	L	N/A		9/1/17	\$ 1,967,000	\$ 1,967,000
Grinnell	7930001	S2014-0189	1920762 01	Wastewater treatment facility improvements	2016	II	222	2	L	N/A		4/13/18	\$ 10,403,000	\$ 14,300,000
Sanborn	7165001	S2012-0256	1920752 01	Improvements to Wastewater treatment facility as a result of a new NPDES permit and increase loading from and industrial facility	2016	II	167	2	L	N/A		12/7/18	\$ 9,294,000	\$ 9,000,000
Postville	0375001	S2015-0412	1920756 01	Sanitary Sewer Rehabilitation Phase II	2016	IIIA	155	2	L	N/A		9/7/2018	\$ 1,015,000	\$ 489,000
Harris	7222001	S2015-0358	1920757 G1/1920757 02	Sanitary Sewer Rehabilitation	2016	IIIA	145	2	R	\$ 582,685			\$ 582,685	
Keota	5440001	S2015-0069	1920761 01	Construction of Submerged Attached Growth Reactors and UV system	2016	II	142	2	L	N/A		9/22/17	\$ 3,127,338	\$ 3,128,000
Sabula	4975001	S2015-0208	1920749 01	Collection System Improvements	2016	IIIA	157	1	L	N/A		1/5/18	\$ 389,940	\$ 351,000
Wastewater Reclamation Authority	7727001	S2015-0261	1920750 02 (Phase 27, Segment 1-8)	Eastside Interceptor	2016	IVB	135	1	L	N/A		12/15/17	\$ 28,340,000	\$ 38,000,000
Belle Plaine	0610001	S2012-0141	1920744 01	Wastewater Disposal System Improvements	2015	II,IIIA	259	4	L	N/A		12/22/17	\$ 2,448,180	\$ 3,236,000
Keystone	064001	S2014-0164	1920743 01	WWTF Upgrade	2015	II	247	4	L	N/A		10/13/17	\$ 3,239,919	\$ 2,303,000
Keokuk	5640001	S2015-0088	1920732 01	Sewer Rehabilitation - Phase 1	2015	IIIA	237	4	P	\$ 1,484,700			\$ 1,484,700	
Pleasantville	6377001	S2013-0174	1920737 01	WWTP Improvements	2015	II	229	4	L	N/A		7/7/2017	\$ 4,120,500	\$ 4,544,000
Readyln	0965001	S2009-0030	1920736 G1	WWTF Improvements	2015	II	207	4	L	N/A		10/6/17	\$ 1,100,000	\$ 868,000
Ames	8503001	S2013-0327	1920741 01	Sanitary Sewer Rehabilitation	2015	IIIA	160	4	L	N/A		10/19/18	\$ 5,700,000	\$ 5,700,000
Granville	8429001	S2015-0163	1920738 01	2015 Sanitary Sewer project	2015	IIIA	152	4	L	N/A		10/20/17	\$ 696,968	\$ 448,000
Hospers	8439001	N/A	PD-CW-15-17	Wastewater treatment plant expansion	2015	II	P&D	3	R	\$ 277,000			\$ 277,000	
Fort Dodge	9433003	S2015-0080	1920728 02	Sanitary Sewer Rehabilitation	2015	IIIA, IIIB	195	3	L	N/A		7/28/17	\$ 10,900,000	\$ 10,900,000
New Hampton	1970001	S2014-0034	1920721 01	Wastewater treatment plant improvements	2015	II	224	2	R	\$ 2,095,750			\$ 2,095,750	
Deloit	2421001	S2013-0234	1920716 01	Lagoon Rehabilitation	2015	I	147	2	L	N/A	30%	9/30/16	\$ 496,634	\$ 516,000
Blencoe	6709001	S2014-0409	1920720 01	Main Lift Station Improvements	2015	IIIB	142	2	L	N/A		10/12/18	\$ 179,694	\$ 236,000
Wastewater Reclamation Authority (supplemental)	7727001	S2009-0219	1920457 05 (Phase 17, multiple phases)	New Main Outfall, supplemental loan to finalize costs	2015	IVB	160	1	R	\$ 3,000,000			\$ 3,000,000	
Wastewater Reclamation Authority (supplemental)	7727001	S2009-0219	1920499 02 (Phase 17, Segment 7)	New Main Outfall, Phase 17 Segment 7 final costs	2015	IVB	160	1	R	\$ 10,400,000			\$ 10,400,000	
Chariton	5903001	S2014-0106A	PD-CW-14-36	Increase capacity of 12th St Lift Station and replace NW Lift Station with new structures and equipment.	2014	IVB	P&D	4	R	\$ 137,900			\$ 137,900	

Project Name	NPDES No.	Project Number	CWSRF No.	Project Description	IUP Yr	Needs Category	Priority Points	Quarter	Project Status	Current Requests	Loan Forgiveness	Date Loan Signed	Original Request	Loan Amount
Coralville	5208001	N/A	PD-CW-14-31	Replace manholes, reconstruct sewer lines at Oakdale trunk sewer and replace lift station and force main for Muddy Creek	2014	IIIB	P&D	3	R	\$ 270,263			\$ 270,263	
Miles	4953001	S2013-0064	1920688 01	Construction of controlled discharge lagoon	2014	I	227	3	P	\$ 1,932,000			\$ 1,932,000	
Ames	8503001	S2013-0326	1920686 01	WPCF Biosolids Storage Tank	2014	II	180	3	R	\$ 1,885,400			\$ 1,885,400	
Dyersville	3130001	S2013-0342	1920690 01	SE Lift Station & Collection System Improvements	2014	IVB	127	3	P	\$ 2,572,000			\$ 2,572,000	
Martensdale	9147001	S2013-0292	1920682 01	Sewer rehabilitation	2014	IIIB	150	2	P	\$ 833,800			\$ 833,800	
Patterson	6151001	S2011-0078	1920659 01	Upgrade pump station capacity, reduce inflow/infiltration, install new force main with goal of reducing sewer backups	2013	IIIB	165	3	R	\$ 54,540			\$ 54,540	
Marengo	4843001	S2013-0052	1920661 01	Infiltration/inflow correction to address permit violations at treatment facility	2013	IIIA	162	3	R	\$ 883,000			\$ 883,000	
Mt Pleasant	4453001	S2012-0407	1920665 01	Replacement of remaining portions of Snipe Run Interceptor to transfer flows to new wastewater treatment facility	2013	IIIB	125	3	L	N/A		8/25/2017	\$ 1,600,000	\$ 1,600,000
Dakota City	4622001	N/A	PD-CW-13-15	Infiltration/inflow correction through sewer relining	2013	IIIA	P&D	2	R	\$ 85,000			\$ 85,000	
Hamburg	3621001	N/A	PD-CW-12-29	Application Not Found in IUP Folder	2012	II	P&D	4	R	\$ 100,000			\$ 100,000	
Calamus	2320001	S2012-0126	1920628 01	WWTP Upgrades 2011-add 3rd lagoon cell	2012	I	149	4	L	N/A	30%	12/23/16	\$ 1,360,000	\$ 1,969,000
Clinton (Phase II, Part 2)	2326001	S2005-0016	1920629 01	US 30/67 and Camanche Avenue (Reconstruction & Sewer Separation)	2012	V	144	4	R	\$ 3,535,000			\$ 3,535,000	
Elkhart	7730001	S2012-0137	1920634 01	Inflow and infiltration correction	2012	IIIA	129	4	P	\$ 609,030			\$ 609,030	
Nemaha	Application Found in IUP	N/A	PD-CW-12-04	Application Not Found in IUP Folder	2012	I,IIIB	P&D	2	R	\$ 75,000			\$ 75,000	
La Porte City	0743001	S2009-0187	1920620 01	Wastewater treatment plant improvements	2012	I,II	220	2	P	\$ 917,822			\$ 917,822	
North English	4858001	N/A	PD-CW-11-36	Application Not Found in IUP Folder	2012	II,IIIA,IIIB	P&D	1	R	\$ 140,000			\$ 140,000	
Dubuque (Revised Upper Bee Branch-Storm Water Revenue)	N/A	N/A	GNS10-5 (2)	Stream daylighting	2011	VII-K	162	4	L	N/A		4/12/2019	\$ 7,716,000	\$ 16,382,000
Wastewater Reclamation Authority	7727001	S2010-0310	1920593 03 (Phase 19 Seg 1-4)	Interceptor sewer to convey wastewater from Bondurant to the Wastewater Reclamation Facility	2011	IVB	150	2	R	\$ 16,545,820			\$ 16,545,820	
Libertyville	5148001	N/A	PD-CW-10-51	Application Not Found in IUP Folder	2011	I,IIIA,IIIB, VI	P&D	1	R	\$ 95,000			\$ 95,000	
Spencer	2171004	S2010-0111	1920528 01	Combined sewer separation	2011	V	185	1	R	\$ 2,300,000			\$ 2,300,000	
Brighton	9209001	S2009-0288	1920515 01	Sewer rehabilitation, wastewater treatment plant upgrade	2011	II,IIIB	140	1	R	\$ 2,675,000			\$ 2,675,000	
Bennett	1603001	S2010-0120	1920529 01	Sewer rehabilitation, pump station upgrades	2011	IIIA	137	1	R	\$ 1,971,000			\$ 1,971,000	

Project Name	NPDES No.	Project Number	CWSRF No.	Project Description	IUP Yr	Needs Category	Priority Points	Quarter	Project Status	Current Requests	Loan Forgiveness	Date Loan Signed	Original Request	Loan Amount
Coralville	N/A	N/A	GNS10-4	Green infrastructure practices at the Iowa River Landing	2010	VIIK	120	4	P	\$ 2,950,000	30%		\$ 2,950,000	
Wheatland	2394001	N/A	PD-CW-10-10	Application Not Found in IUP Folder	2010	IIIA, IIIB,V	P&D	3	R	\$ 67,000			\$ 67,000	
Mingo	5052001	S2008-0304	1920510 R1	Lagoon expansion	2010	I	172	3	R	\$ 1,365,000			\$ 1,365,000	
										\$ 696,277,685			\$ 1,244,222,203	\$ 564,395,825
Project Status				Project Needs Categories										
Dropped -- D				I	Secondary Treatment									
Ready for Loan-- R				II	Treatment more stringent than secondary									
Loan Signed -- L				IIIA	Infiltration/Inflow rehabilitation									
Planning Stage -- P				IIIB	Major sewer system rehabilitation									
Green Projects				IVA	New collectors and appurtenances									
Add Subs				IVB	New interceptors and appurtenances									
				V	Correction of combined sewers									
				VI	Stormwater management programs									
				VII	Non-point source control projects;									
					Non-point Source Project Subcategories									
				VIIA	Agricultural cropland sources									
				VII B	Animal sources									
				VII C	Silviculture									
				VII D	Urban sources									
				VII E	Groundwater protection (unknown sources)									
				VII F	Marinas									
				VII G	Resource extraction									
				VII H	Brownfields									
				VII I	Storage tanks									
				VII J	Landfills									
				VII K	Hydromodification									
				XII	Decentralized septic systems									

Project Name	DWSRF No.	Project Description	IUP Yr	Project Categories	Priority Points	Quarter	Population	Project Status	Current Requests	Loan Forgiveness	Date Loan Signed	Original Request	Loan Amount
Britt	PD-DW-20-34	Water Treatment Facility Construction	2020	P&D	P&D	3	2100	P	\$ 500,000			\$ 500,000	
Worthington	PD-DW-20-36	3rd Street West Court Water Main Replacement	2020	P&D	P&D	3	401	P	\$ 23,000			\$ 23,000	
Independence	PD-DW-20-32	Sewer Line Replacement	2020	P&D	P&D	3	5966	P	\$ 131,000			\$ 131,000	
Plainfield	PD-DW-20-33	Water Main Installation	2020	P&D	P&D	3	436	P	\$ 40,000			\$ 40,000	
Prairie City	PD-DW-20-34	Water Main Improvements	2020	P&D	P&D	3	1727	P	\$ 120,000			\$ 120,000	
Rock Valley	PD-DW-20-35	New Well Construction	2020	P&D	P&D	3	3730	P	\$ 922,300			\$ 922,300	
MacBride Point Third Master Maintenance Association	FS-52-20-DWSRF-019	Water Supply Improvements	2020	A, E	60	3	100	P	\$ 178,000			\$ 178,000	
West Burlington	FS-29-20-DWSRF-014	EST, Booster Station & Water Main Extension	2020	B, E	45	3	3064	P	\$ 3,570,000			\$ 3,570,000	
Eagle Grove	FS-99-20-DWSRF-018	Water Distribution System Improvements	2020	B, C, E	40	3	3583	P	\$ 503,000			\$ 503,000.00	
Worthington	FS-31-20-DWSRF-020	3rd Street West Court Water Main Replacement	2020	B, C, E	40	3	401	P	\$ 208,000			\$ 208,000	
Jamaica	FS-39-20-DWSRF-017	Water System Improvements	2020	B, C, E	35	3	224	P	\$ 1,213,000			\$ 1,213,000	
Lockridge	FS-51-20-DWSRF-015	Water Main Extension & Replacement	2020	B, E	30	3	268	P	\$ 124,000			\$ 124,000.00	
New Vienna	FS-31-20-DWSRF-021	Well House, Booster Pump Station & Chemical Treatment	2020	B, E	30	3	426	P	\$ 339,000			\$ 339,000	
Dunlap	FS-43-20-DWSRF-016	Water Distribution System Improvements	2020	B, E	30	3	1042	P	\$ 444,000			\$ 444,000	
Clarion	PD-DW-20-021	Planning for water main improvements and replacement	2020	G	P&D	2	2850	R	\$ 1,500,000			\$ 1,500,000	
Bagley	FS-39-20-DWSRF-013	City of Bagley Connection to the Xenia Rural Water System	2020	A, C, E	80	2	303	P	\$ 545,000			\$ 545,000	
Garwin	FS-86-20-DWSRF-008	2018 Water Distribution System Improvements	2020	B,C,E	55	2	527	P	\$ 800,000			\$ 800,000	
Rock Valley	FS-84-20-DWSRF-010	Rock Valley Water System Phases I and II	2020	B, E	45	2	3730	P	\$ 2,009,000			\$ 2,009,000	
Iowa-American Water - Davenport	FS-82-20-DWSRF-007	East River Station WTP UV	2020	A	45	2	143000	P	\$ 7,689,300			\$ 7,689,300	
Park View Water & Sanitary District	FS-82-20-DWSRF-006	WTP #2 Improvements	2020	B, E	45	2	2389	P	\$ 2,509,000			\$ 2,509,000	
Dyersville	FS-31-20-DWSRF-011	Construction of a new water booster station, and associated water distribution improvements	2020	B, E	45	2	4220	P	\$ 1,461,000			\$ 1,461,000	
Tipton	FS-16-20-DWSRF-009	Water Main Replacement 0 20th Street to North Street	2020	B,C,E	40	2	3220	P	\$ 407,000			\$ 407,000	
Dakota City	FS-46-20-DWSRF-012	WTP Upgrade	2020	B, E	25	2	843	P	\$ 1,116,000			\$ 1,116,000	
Fairfax	PD-DW-20-11	New ground water storage tank and pump station proposal	2020	G	P&D	1	3000	L	N/A		6/21/19	\$ 291,000	\$ 291,000.00
Early	PD-DW-20-01	Evaluation a new treatment system and installation of new water mains	2020	G	P&D	1	523	L	N/A		6/21/19	\$ 515,000	\$ 515,000
Eagle Grove	PD-DW-20-10	Assessments, reports and modeling to support application for CDBG funds	2020	G	P&D	1	3583	L	N/A		7/12/2019	\$ 115,000	\$ 115,000.00
Hiawatha	FS-57-20-DWSRF-004	Construct ground storage reservoir and booster station with generator	2020	B, E	60	1	7353	P	\$ 2,329,000			\$ 2,329,000	
Auburn	FS-81-20-DWSRF-003	Construction of new Dakota sandstone aquifer well and a new 50,000 gallon water tower	2020	B, E	45	1	315	P	\$ 1,447,000			\$ 1,447,000	

Project Name	DWSRF No.	Project Description	IUP Yr	Project Categories	Priority Points	Quarter	Population	Project Status	Current Requests	Loan Forgiveness	Date Loan Signed	Original Request	Loan Amount
Fairfax	FS-57-20-DWSRF-005	Construct 500k gallon ground water storage tank, pump station and utility extensions	2020	B,E	45	1	3000	P	\$ 3,142,000			\$ 3,142,000	
Albion	FS-64-20-DWSRF-002	Construction of well to Mississippi formation and purchase of new water meters	2020	B,E	45	1	470	P	\$ 693,000			\$ 412,000	
Wahpeton	FS-30-20-DWSRF-001	Replace water main and associated appurtenances	2020	B, E	30	1	368	R	\$ 526,000			\$ 526,000	
Jamaica	PD-DW-19-44	Water Treatment System Improvements	2019	G	P&D	4	220	L	N/A		5/31/19	\$ 375,000	\$ 375,000.00
Lewis	PD-DW-19-45	Water Treatment and Distribution System Improvements	2019	G	P&D	4	433	L	N/A		3/29/19	\$ 120,000	\$ 12,000.00
Anthon	PD-DW-19-58	Water Treatment Plant Improvements	2019	G	P&D	4	560	L	N/A		3/22/19	\$ 120,000	\$ 120,000.00
Williamsburg	FS-48-19-DWSRF-023	RO Treatment Facility to replace iron/manganese treatment	2019	A, B, E	70	4	3189	P	\$ 5,966,000			\$ 5,966,000	
Guthrie Center	FS-39-19-DWSRF-026	Existing Ground Storage Facilities	2019	B, C, E	55	4	1569	P	\$ 1,491,000			\$ 1,491,000	
Pomeroy	FS-13-19-DWSRF-024	Water Treatment System Improvements	2019	B, C, E	55	4	655	P	\$ 1,136,000			\$ 1,136,000	
Alta	FS-11-19-DWSRF-031	Production Well #7	2019	B, E	45	4	2056	L	N/A		7/12/19	\$ 784,000	\$ 825,000.00
Sanborn	FS-71-19-DWSRF-027	RO pilot protocol, New Water Treatment Plant Evaluation	2019	B, E	45	4	1384	P	\$ 8,502,000			\$ 8,502,000	
Oelwein	FS-33-19-DWSRF-030	2019 Water Main Replacement	2019	B, C, E	40	4	6415	P	\$ 1,281,000			\$ 1,281,000	
Sigourney	FS-54-19-DWSRF-029	Water distribution system improvements	2019	B, C, E	40	4	2000	P	\$ 491,000			\$ 491,000	
Somers	FS-13-19-DWSRF-028	Municipal Water Filtration Improvements	2019	B, C, E	35	4	113	P	\$ 179,000			\$ 179,000	
Sumner	FS-09-19-DWSRF-025	E 1st Street Water Main Improvements	2019	B, D, E	30	4	2028	L	\$ 827,000		10/4/19	\$ 684,000	\$ 1,511,000.00
Alta	PD-DW-19-43	Construction of a second new well	2019	G	P&D	3	1958	L	N/A		4/5/19	\$ 56,500	\$ 56,500.00
Grafton	PD-DW-19-40	Construct a new water treatment system	2019	G	P&D	3	258	L	N/A		3/1/19	\$ 72,300.00	\$ 72,300.00
Stacyville	PD-DW-19-41	Water main replacement along Broad Street	2019	G	P&D	3	501	L	N/A		12/28/18	\$ 164,700.00	\$ 164,000.00
Thompson	PD-DW-19-42	Install new water treatment plant and extend water main to existing system from new WTP	2019	G	P&D	3	517	L	N/A		2/1/19	\$ 105,500.00	\$ 105,500.00
Stacyville	FS-66-19-DWSRF-016	Water main replacement along Broad Street	2019	B,C,E	40	3	501	R	\$ 988,000			\$ 988,000	
Thompson	FS-95-19-DWSRF-018	Install new water treatment plant and extend water main to existing system from new WTP	2019	B,C,E	40	3	517	R	\$ 577,000			\$ 577,000	
Grafton	FS-98-19-DWSRF-022	Construct a new water treatment system	2019	B,C,E	35	3	258	R	\$ 630,000			\$ 630,000	
Sioux City	FS-97-19-DWSRF-019	Airport Water Main Replacement	2019	A,B	35	3	82759	P	\$ 3,098,000			\$ 3,098,000	
Clarion	FS-99-19-DWSRF-020	Water Main Improvements	2019	B, E	30	3	2850	P	\$ 1,397,000			\$ 1,397,000	
Mitchellville	FS-77-19-DWSRF-017	Water main replacement	2019	B,E	30	3	2254	L	N/A		9/20/19	\$ 1,110,000	\$ 562,000.00
Bernard	FS-31-19-DWSRF-015	Replacement of ground storage tank, booster pumps	2019	B, E	25	3	112	R	\$ 185,000			\$ 185,000	
Rockwell City	FS-13-19-DWSRF-021	Water Main install to Twin Lakes	2019	D,E	25	3	1714	P	\$ 1,695,000			\$ 1,695,000	
Albion	PD-DW-19-13	Construction of new water main connecting to Marshalltown Water Works	2019	G	P&D	2	505	R	\$ 55,000			\$ 55,000	

Project Name	DWSRF No.	Project Description	IUP Yr	Project Categories	Priority Points	Quarter	Population	Project Status	Current Requests	Loan Forgiveness	Date Loan Signed	Original Request	Loan Amount
Auburn	PD-DW-19-14	Construction of second Dakota Well and new 50000 gallon water tower	2019	G	P&D	2	322	L	N/A		9/28/18	\$ 80,000.00	\$ 80,000.00
Bellevue	PD-DW-19-15	Construction of 2700 sf Radium Treatment Facility	2019	G	P&D	2	2191	R	\$ 285,000			\$ 285,000	
Colfax	PD-DW-19-16	Water Main Improvements	2019	G	P&D	2	2093	L	N/A		9/28/18	\$ 175,000.00	\$ 175,000.00
Ida Grove	PD-DW-19-21	Construction of new well, water main, standby power, and water meter replacement	2019	G	P&D	2	2158	L	N/A		9/28/18	\$ 310,000.00	\$ 310,000.00
Malvern	PD-DW-19-17	Construction of new water treatment plant	2019	G	P&D	2	1142	L	N/A		9/28/18	\$ 228,000.00	\$ 228,000.00
Sanborn	PD-DW-19-18	Construction of new reverse osmosis water treatment plant	2019	G	P&D	2	1424	L	N/A		10/26/18	\$ 690,000.00	\$ 690,000.00
Woodland Ridge Subdivision	FS-52-19-DWSRF-011	Connection to Iowa City and abandon system existing wells and to eliminate existing public water supply system	2019	A, F	60	2	50	R	\$ 510,000			\$ 510,000	
Pleasantville	FS-63-19-DWSRF-010	Water replacement project. Replace approx 5,300' of 4" and 6" WM with 10" PVC pipes.	2019	A, B, C, E	55	2	1694	L	N/A			\$ 848,000	\$ 417,000.00
Osceola Rural Water System-North	FS-72-19-DWSRF-012	A new 1,800 gpm RO expansion including wells, water storage and pipeline	2019	B, E	40	2	4495	P	\$ 6,435,000			\$ 17,709,000	
Colfax	FS-50-19-DWSRF-013	Replace old undersized water mains with new properly sized ones.	2019	B, E	30	2	2093	P	\$ 1,263,000			\$ 1,263,000	
Ottumwa Water Works	FS-90-19-DWSRF-009	Increase lift station capacity, construct gravity sludge thickener, install second press, backwash attenuation tank and new pump station as stated in Lime Residual Process Evaluation Amendment #1	2019	B, C	25	2	25023	P	\$ 4,400,000			\$ 4,400,000	
Dubuque	FS-31-19-DWSRF-014	Construction of a 1.25 MG water tower, 4840 lineal feet of 12" water main and 80 lineal feet of 16" water main, and 4 PVR stations. Demo existing Eagle Point Water Tower and replace pumps and process piping at Eagle Point Water Treatment Plant.	2019	B	20	2	58485	L	\$ 297,370		8/9/19	\$ 4,697,370	\$ 4,400,000.00
Bernard	PD-DW-19-01	Replacement of ground storage tank, booster pumps	2019	G	P&D	1	112	L	N/A		11/30/18	\$ 70,000.00	\$ 70,000.00
Manchester	PD-DW-19-02	Installation of water main loop	2019	G	P&D	1	5179	L	N/A		8/31/18	\$ 96,500.00	\$ 96,500.00
Osceola Co Rural Water	PD-DW-19-03	Construction of 2400 gpm water treatment plant expansion	2019	G	P&D	1	4495	R	\$ 700,000			\$ 700,000	
Pomeroy	PD-DW-19-04	Water Treatment Facility Replacement	2019	G	P&D	1	669	L	N/A		3/29/19	\$ 133,000	\$ 133,000.00
Rockwell City	PD-DW-19-05	Water Main install to Twin Lakes	2019	G	P&D	1	1714	L	N/A		10/19/18	\$ 149,000.00	\$ 149,000.00
Easter Iowa Regional Utility Service System (EIRUSS)	FS-49-19-DWSRF-003	North water main extension (Bellevue)	2019	A, E	45	1	2191	P	\$ 1,216,000			\$ 1,216,000	

Project Name	DWSRF No.	Project Description	IUP Yr	Project Categories	Priority Points	Quarter	Population	Project Status	Current Requests	Loan Forgiveness	Date Loan Signed	Original Request	Loan Amount
Clarion	FS-99-19-DWSRF-004	Construction of new well & transmission main to WTP, and improvements to distribution system	2019	B, E	45	1	2850	P	\$ 802,995			\$ 1,078,000	
Avoca	FS-78-19-DWSRF-006	Water main replacement	2019	B, E	30	1	1662	L	N/A		8/16/19	\$ 2,213,602.00	\$ 2,211,000.00
Manchester	FS-28-19-DWSRF-005	Installation of water main loop	2019	B, E	30	1	5179	L	N/A		2/8/19	\$ 929,000.00	\$ 754,000.00
Anthon	FS-97-19-DWSRF-001	Improvements to wells, filter systems, controls, electrical system, chemical feed, and storage	2019	B, E	25	1	565	P	\$ 1,226,000			\$ 1,226,000	
Johnston	FS-77-19-DWSRF-002	Construction of new booster pump station & emergency generator, installation of new water main to connect pressure zones, construction of new flow metering vault, and removal of control valve	2019	B, E	20	1	20460	P	\$ 2,750,000			\$ 2,750,000	
Blairsburg	PD-DW-18-51	New water treatment facility	2018	G	P&D	4	215	L	N/A		4/27/18	\$ 135,000.00	\$ 135,000.00
Clarion	PD-DW-18-45	New well and water main	2018	G	P&D	4	2850	L	N/A		3/23/18	\$ 210,000.00	\$ 210,000.00
Delaware	PD-DW-19-30	Installation of pressure tanks and extension of public water mains to serve residents currently on private wells	2018	G	P&D	4	152	L	N/A		9/28/18	\$ 30,000.00	\$ 30,000.00
Dunkerton	PD-DW-18-46	Iron removal	2018	G	P&D	4	851	R	\$ 112,500			\$ 112,500	
Elkader	PD-DW-18-47	Water main replacement	2018	G	P&D	4	1300	L	N/A		3/23/18	\$ 156,700.00	\$ 156,700.00
Fort Dodge	PD-DW-18-48	Reverse osmosis system	2018	G	P&D	4	25206	L	N/A		3/30/18	\$ 700,000.00	\$ 700,000.00
Gallery Acres West HOA (Solon)	PD-DW-18-52	Evaluation of system supply, connection of water main to city, replacement of GAW distribution system and easement acquisitions.	2018	G	P&D	4	43	L	N/A		9/28/18	\$ 75,000.00	\$ 75,000.00
Gilbert	PD-DW-18-55	Design and construction of a new water treatment plant, ground storage tank, and high service pump station, replacement of electric and controls for existing wells, and installation of backup generator for well field	2018	G	P&D	4	1140	L	N/A		4/6/18	\$ 330,900.00	\$ 350,000.00
Pleasantville	PD-DW-18-49	Water main replacement	2018	G	P&D	4	1700	L	N/A		4/6/18	\$ 36,400.00	\$ 36,400.00
Grimes	FS-77-18-DWSRF-016	Design and construction of a new water tower, new Jordan well, and new reverse osmosis treatment plant to meet demands of growing population	2018	B	30	4	13600	L	N/A		3/8/19	\$ 27,869,000	\$ 4,200,000.00
Grimes	FS-77-18-DWSRF-016 (2) - EST	Design and construction of a new water tower, new Jordan well, and new reverse osmosis treatment plant to meet demands of growing population	2018	B	30	4	13600	L	N/A		4/12/19	\$ 23,669,000.00	\$ 3,800,000.00
Grimes	FS-77-18-DWSRF-016 (3) - Raw Water Main	Design and construction of a new water tower, new Jordan well, and new reverse osmosis treatment plant to meet demands of growing population	2018	B	30	4	13600	L	\$ 18,310,000.00		6/7/19	\$ 19,869,000.00	\$ 1,559,000.00

Project Name	DWSRF No.	Project Description	IUP Yr	Project Categories	Priority Points	Quarter	Population	Project Status	Current Requests	Loan Forgiveness	Date Loan Signed	Original Request	Loan Amount
Gilbert	FS-85-18-DWSRF-021	Design and construction of a new water treatment plant, ground storage tank, and high service pump station, replacement of electric and controls for existing wells, and installation of backup generator for well field	2018	B, E	25	4	1126	P	\$ 4,322,000			\$ 4,322,000	
Lake Panorama Association	FS-39-18-DWSRF-018	Design and construction of a reverse osmosis treatment plant to address hardness, total dissolved solids, and sulfates	2018	B, E	25	4	2750	R	\$ 3,569,000			\$ 3,569,000	
Delaware	FS-28-18-DWSRF-020	Installation of pressure tanks and extension of public water mains to serve residents currently on private wells	2018	C, E	20	4	159	L	N/A		3/29/19	\$ 177,425	\$ 112,000.00
DWSRF	FS-78-18-DWSRF-015	Replace an aging transmission main	2018	B	20	4	63795	L	N/A		9/7/18	\$ 5,025,000.00	\$ 5,025,000.00
Iowa Lakes Regional Water	FS-21-18-DWSRF-019	Addition of solar panels at six booster stations and water towers to reduce operational cost and improve resiliency	2018	B	15	4	14,600	P	\$ 260,000			\$ 260,000	
Adel	PD-DW-18-31	Plan for water treatment improvements	2018	G	P&D	3	3682	L	N/A		1/5/18	\$ 1,025,000.00	\$ 1,025,000.00
Bagley	PD-DW-18-28	Plan for new water source and water treatment options	2018	G	P&D	3	303	L	N/A		1/19/18	\$ 150,000.00	\$ 150,000.00
Grimes	PD-DW-18-29	Plan for new water tower, Jordan well, water mains, and treatment plant expansion	2018	G	P&D	3	8246	L	N/A		1/5/18	\$ 1,809,000.00	\$ 1,809,000.00
Vail	PD-DW-18-30	Plan for new water source and water treatment options	2018	G	P&D	3	436	R	\$ 50,000			\$ 50,000	
Dunkerton	FS-07-18-DWSRF-014	Construct an iron removal facility on Well #3	2018	B,E	25	3	851	P	\$ 1,181,000			\$ 1,181,000	
Dakota City	PD-DW-18-21	Water treatment facility upgrades	2018	G	P&D	2	858	L	N/A		12/8/17	\$ 140,000.00	\$ 140,000.00
Dubuque	PD-DW-18-20	Pressure zone improvements	2018	G	P&D	2	57852	L	N/A		9/22/17	\$ 475,000.00	\$ 475,000.00
Garwin	PD-DW-18-17	Water main replacement	2018	G	P&D	2	527	L	N/A		10/20/17	\$ 100,000.00	\$ 100,000.00
Marble Rock	PD-DW-18-18	Water main replacement	2018	G	P&D	2	307	L	N/A		9/22/17	\$ 108,500.00	\$ 108,000.00
Woodland Ridge Subdivision	PD-DW-18-19	Address radium MCLs	2018	G	P&D	2	50	L	N/A		4/13/18	\$ 66,000.00	\$ 66,000.00
Fort Dodge	FS-94-18-DWSRF-011	Reduce water hardness, reducing chloride concentrations to sanitary sewer, with construction of new Mississippian well, reverse osmosis process, and waste disposal system	2018	A,B	80	2	25206	L	N/A		6/28/19	\$ 20,804,000.00	\$ 25,286,000
Kiron	FS-24-18-DWSRF-013	Water storage	2018	B,C,E	55	2	279	L	\$ 256,000		7/26/19	\$ 561,000	\$ 305,000.00
Cleghorn	FS-18-18-DWSRF-006	Replace aging water tower, install water mains to tower, add emergency generator at water treatment plant	2018	B,E	45	2	247	L	\$ 200,000		3/8/19	\$ 1,024,000	\$ 557,000.00
Pocahontas	FS-76-18-DWSRF-012	Install new well	2018	B,E	45	2	1789	P	\$ 547,000			\$ 547,000	
Marble Rock	FS-34-18-DWSRF-010	Address areas of city that experience poor water quality and quantity by looping and installing larger water mains	2018	B,C,E	40	2	290	L	N/A		4/19/18	\$ 482,000	\$ 574,000.00

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Lehigh	FS-94-18-DWSRF-008	Improvements to water filtration system	2018	B,C,E	35	2	416	P	\$ 553,554			\$ 553,554	
Sioux City (Grandview Reservoirs)	FS-97-18-DWSRF-007	Demolish and replace South and North Grandview reservoirs which were built in 1941 in order to improve capacity in the Grandview pressure zone	2018	B	35	2	82759	P	\$ 6,535,937			\$ 6,535,937	
Sergeant Bluff	FS-97-18-DWSRF-009	Add new detention tank to provide iron settling and new pressure filter to provide 2-stage iron, manganese, and ammonia removal. Convert existing tank for finished water storage. Upgrade water mains	2018	B,E	25	2	4227	L	\$ 4,854,000		6/7/19	\$ 6,096,000	\$ 1,242,000.00
Armstrong	PD-DW-18-02	Water Treatment Plant Improvements	2018	G	P&D	1	943	L	N/A		9/8/17	\$ 238,000.00	\$ 238,000.00
Dedham	PD-DW-18-01	Construction of a new well at alternative location to provide city with backup water supply	2018	G	P&D	1	266	R	\$ 50,000			\$ 50,000	
Lakota	FS-55-18-DWSRF-002	Install a new Water Treatment Plant	2018	B,C,E	35	1	255	P	\$ 424,000			\$ 424,000	
Newton	FS-50-18-DWSRF-001	Cover existing backwash tank with new building	2018	B	15	1	16262	P	\$ 402,000			\$ 402,000	
Fort Dodge	PD-DW-17-55	Addition of water softening process to water treatment plant	2017	G	P&D	4	25206	L	N/A		8/11/17	\$ 1,200,000.00	\$ 1,200,000.00
Johnston	PD-DW-17-50	New pump station, water main, and emergency generator	2017	G	P&D	4	17306	L	N/A		9/29/17	\$ 500,000.00	\$ 500,000.00
Dubuque	FS-31-17-DWSRF-026	Construction of a water pumping facility and connection to two homeowners' associations	2017	B,E	40	4	57852	L	N/A		7/7/17	\$ 10,801,400.00	\$ 10,198,000.00
Raymond	FS-07-17-DWSRF-028	Watermain Loop connecting to Waterloo Water Works	2017	B	20	4	788	L	N/A		10/19/18	\$ 1,688,400.00	\$ 1,025,000.00
Armstrong	FS-32-17-DWSRF-020	Water treatment improvements	2017	A,B,E	70	3	943	P	\$ 1,100,000			\$ 1,100,000	
Bellevue	FS-49-17-DWSRF-021	Construction of a water treatment facility	2017	A,E	60	3	2191	L	N/A	75%	10/5/18	\$ 1,819,000.00	\$ 2,200,000.00
Gallery Acres West HOA (Solon)	FS-52-17-DWSRF-017	Resolve arsenic MCL through connection to another system or construction of new well and treatment	2017	A,E	60	3	43	L	N/A	75%	9/20/19	\$ 1,039,000	\$ 1,334,000.00
Lacina Meadows HOA	FS-52-17-DWSRF-022	Connecting to the City of Iowa City water supply to supply drinking water	2017	A,E	60	3	58	L	N/A	75%	3/23/18	\$ 939,000.00	\$ 945,000.00
Swea City	FS-55-17-DWSRF-023	Replacement of approximately twenty five (25) blocks of undersized, four-inch water main that consist of asbestos cement.	2017	A,B,C,E	55	3	555	P	\$ 1,844,000			\$ 1,844,000	

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Truro	FS-61-17-DWSRF-016	Replace all AC water distribution piping, increasing size of water mains being replaced, and modifying the height of the existing EST to improve distribution system pressure.	2017	A,B,E	45	3	485	P	\$ 866,000			\$ 866,000	
Sheffield	FS-35-17-DWSRF-024	Watermain replacement of older undersized watermain within the drinking water distribution system with new 6" or 8" watermain	2017	B,C,E	40	3	1172	L	N/A		3/30/18	\$ 1,570,000.00	\$ 1,200,000.00
Jewell	FS-40-17-DWSRF-015	Replace current filtering system to remove the ammonia, arsenic, and hardness in the water	2017	B,E	25	3	1215	L	N/A		12/22/17	\$ 1,847,766.00	\$ 1,711,000.00
Farley	FS-31-17-DWSRF-008	An HMO treatment system is proposed to remove radium from the raw well	2017	A,B,E	70	2	1537	L	N/A		8/24/18	\$ 2,311,000.00	\$ 2,304,000.00
Janesville	FS-09-17-DWSRF-009	Install new water main that connects the western portion of Janesville to the eastern portion.	2017	B,E	30	2	930	L	N/A		9/8/17	\$ 1,015,000.00	\$ 708,000.00
Lyon & Sioux Rural Water	FS-60-17-DWSRF-011	Installation of permanent emergency generators for the Klondike WTP & Larchwood WTP to treat and pump water to the distribution system during power outages	2017	B,E	25	2	1390	P	\$ 131,000	75% of cost of generator equipment and installation		\$ 131,000	
Washington	FS-92-17-DWSRF-007	Construct new treatment plant modifications	2017	B,E	25	2	7266	L	N/A		1/19/18	\$ 3,977,790.00	\$ 4,378,000.00
Sioux City (Western Hills/Indian Hills)	FS-97-17-DWSRF-012	Construction of a new water tank and a large capacity water main	2017	B	20	2	82759	L	N/A		7/12/19	\$ 8,000,000.00	\$ 6,507,000
Rathbun Regional Water (RRWA)	FS-04-17-DWSRF-010	Replacement of aging water meters with a new advanced/smart metering system.	2017	C,D	15	2	28215	R	\$ 2,902,945	30% of cost of water meter equipment and installation		\$ 2,902,945	
Sioux City (Zenith Water Treatment Plant)	FS-97-17-DWSRF-013	Add standby generator to Riverside Collector and improvements to the chemical feed systems	2017	B	15	2	82759	P	\$ 1,797,267			\$ 1,797,267	
Amana Society Service Company	FS-48-17-DWSRF-001	Replace with 250,000 gallon new elevated water storage and construct booster station. New 8-inch main is also proposed	2017	A,B,E	95	1	1224	L	\$ 1,700,000	75%	4/6/18	\$ 7,100,000.00	\$ 5,400,000.00
Oelwein	FS-33-17-DWSRF-004	Rehabilitation of existing well, new well house, chlorine feed system, emergency generator	2017	B,C,E	55	1	6415	L	N/A	75% of cost of generator equipment and installation	4/13/18	\$ 1,033,000.00	\$ 1,462,000.00
Kelley	FS-85-17-DWSRF-005	Connection to Xenia Rural Water System, disconnection of well, water tower rehabilitation	2017	B,E	45	1	310	L	N/A		8/4/17	\$ 552,000.00	\$ 650,000.00
Osceola County Rural Water System	FS-71-17-DWSRF-003	New treatment plant to remove iron and manganese, generator, ground storage reservoir, well buildings	2017	B,E	40	1	754	L	N/A	75% of cost of generator equipment and installation	3/30/18	\$ 6,643,000.00	\$ 3,719,000.00

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Fort Dodge	FS-94-17-DWSRF-006	Upgrade of all water meters and addition of automatic reading system	2017	B	20	1	25,206	L	N/A	30% of cost of water meter equipment and installation	10/13/17	\$ 4,347,000.00	\$ 3,413,000.00
Amana Society Service Company	PD-DW-16-48	Solutions to pressure problems and well replacement	2016	G	P&D	4	1224	L	N/A		2/2/18	\$ 1,150,000.00	\$ 1,150,000.00
Anamosa	FS-53-16-DWSRF-019	Plant Expansion	2016	B,C,E	50	4	4283	L	N/A		12/8/17	\$ 1,660,000.00	\$ 1,801,000.00
West Des Moines	FS-77-16-DWSRF-022 (2)	Construction of 1 Jordan aquifer and 2 shallow alluvial aquifer wells to provide redundancy of source water supply	2016	B	35	4	56609	R	\$ 1,891,000			\$ 1,891,000	
Mahaska RWS	FS-62-16-DWSRF-017	Construction of 7,400 I.F. of 8" transmission main along with related valves, booster pump and connections. Water treatment plant improvements and 1,500 I.F. of 6" water main	2016	B,E	30	4	1293	L	N/A		8/10/18	\$ 1,319,050.00	\$ 817,000.00
Fenton	FS-55-16-DWSRF-012	Install new water tower	2016	B,C,E	55	3	281	L	N/A		11/17/17	\$ 392,000.00	\$ 518,000.00
Westgate	FS-33-16-DWSRF-015	Construct a new water tower	2016	B,E	45	3	211	P	\$ 568,000			\$ 568,000	
Cushing	FS-97-16-DWSRF-013	Construction of a new 55,000 gallon standpipe for water storage, water meters, emergency generator	2016	B,E	30	3	220	L	N/A	30% of cost of water meter equipment and installation, 75% of cost of generator equipment and installation	10/5/18	\$ 844,000.00	\$ 890,000.00
Farmington	FS-89-16-DWSRF-006	Replace old cast iron water main and underground storage tank with above ground tank	2016	B,C,E	40	2	664	P	\$ 312,000			\$ 312,000	
Keswick	FS-54-16-DWSRF-009	Replacement of all remaining cast iron main, add system looping and add new flushing hydrants, new isolation valves and service connections.	2016	B,C,E	40	2	246	L	N/A		3/30/18	\$ 421,497.00	\$ 421,000.00
Ridgeway	FS-96-16-DWSRF-007	Water main replacement project, generator	2016	B,C,E	40	2	315	L	N/A		9/28/18	\$ 380,000.00	\$ 388,000.00
Dakota City	FS-46-15-DWSRF-020	Construct a 2nd well	2015	B,C,E	55	4	843	L	N/A		6/29/18	\$ 708,525.00	\$ 250,000.00
Van Meter	FS-25-15-DWSRF-020	New Water Treatment Plant	2015	B,E	45	4	1054	P	\$ 4,608,000			\$ 4,608,000	
Guthrie Center	FS-39-15-DWSRF-017	Water main replacement and new water service connection	2015	B,C,E	40	4	1569	R	\$ 518,660			\$ 518,660	
Sabula	FS-49-15-DWSRF-019	Water main replacement on Broad street, water meters	2015	B,C,E	40	4	576	L	N/A	30% of cost of water meter equipment and installation	1/5/18	\$ 787,920.00	\$ 550,000.00
Sioux Rapids (revised)	FS-11-15-DWSRF-015	New well, new water treatment plant for nitrate removal and iron/manganese removal, replace booster pumps, piping, and controls	2015	B,E	45	3	775	L	N/A		10/27/17	\$ 1,269,000.00	\$ 1,502,000.00
Mt Ayr (Revised)	FS-80-15-DWSRF-013	Water main replacement and water plant demolition	2015	B,C,E	40	3	1691	L	N/A		11/2/18	\$ 4,100,000.00	\$ 4,100,000.00

Project Name	DWSRF No.	Project Description	IUP Yr	Project Categories	Priority Points	Quarter	Population	Project Status	Current Requests	Loan Forgiveness	Date Loan Signed	Original Request	Loan Amount
Ruthven	FS-74-15-DWSRF-006	New well to replace Well #1, aeralator rehab, control panel replacement, water main replacement to improve pressure and add new valves and hydrants	2015	B,C,E	55	2	779	P	\$ 1,316,550			\$ 1,316,550	
Little Sioux	FS-43-15-DWSRF-010 (2)	Water distribution system improvements	2015	B,C,E	40	2	170	R	\$ 84,000			\$ 84,000	
Asbury	FS-31-15-DWSRF-001 G	Constructing water main looping, installing new well and elevated storage tank	2015	B,E	45	1	4545	L	N/A		9/8/17	\$ 1,807,000.00	\$ 1,807,000.00
Asbury	FS-31-15-DWSRF-001 R	Constructing water main looping, installing new well and elevated storage tank	2015	B,E	45	1	4545	L	N/A		9/8/17	\$ 1,200,000.00	\$ 1,200,000.00
Ida Grove	FS-47-14-DWSRF-008	Add new permanent well	2014	B,E	45	3	2158	P	\$ 339,017			\$ 339,017	
De Soto	FS-25-14-DWSRF-011	New water treatment facility	2014	B,E	25	3	1050	R	\$ 4,020,000			\$ 4,020,000	
Stanwood	FS-16-13-DWSRF-021	Construction of approx 2700 lineal feet of new 6 inch PVC pipe, including new valves, hydrants.	2013	B,C,E	40	4	684	R	\$ 786,841			\$ 786,841	
Shenandoah	FS-73-12-DWSRF-020	Water meter replacement	2012	B,C,D,E	45	4	5546	R	\$ 80,800	20%		\$ 80,800	
Cedar Falls Utilities	FS-07-12-DWSRF-028	Water main extension to connect homes with nitrate contaminated private wells	2012	A	35	4	39260	P	\$ 1,380,670	75%		\$ 1,380,670	
Mt Ayr (supplemental)	FS-80-12-DWSRF-014 (2)	Movement of prefabricated booster pump station to new location to improve pressures	2012	B,E	20	4	1691	L	N/A		7/20/18	\$ 275,000.00	\$ 275,000.00
Albia	FS-68-12-DWSRF-008	Water main replacement	2012	B,C,E	40	2	3706	P	\$ 350,000			\$ 350,000	
									\$ 116,607,106			\$ 299,982,485.50	\$126,503,900.00
Project Status	Project Type			Abbreviations									
Dropped -- D	A = Water Quality and Human Health Risk-Related Criteria			N/A = Not Applicable									
Ready for Loan -- R	B = Infrastructure and Engineering-Related Improvement			Not used = No loan forgiveness assistance utilized for project									
Loan Signed -- L	C = Affordability Criteria			TBD = To Be Determined									
Planning Stage -- P	D = Special Category Improvements												
	E = Project Serves Population less than 10,000												
Water and Energy Efficiency	F = Supplemental Loan for Previously Approved Project												
Emergency Generators	G = Planning and Design Loan												
Disadvantaged Communities													
Public Health Projects													



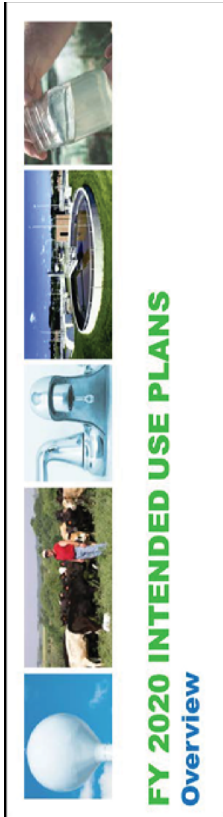
INVESTING IN IOWA'S WATER

FY 2020 INTENDED USE PLANS
Clean Water State Revolving Fund
Drinking Water State Revolving Fund



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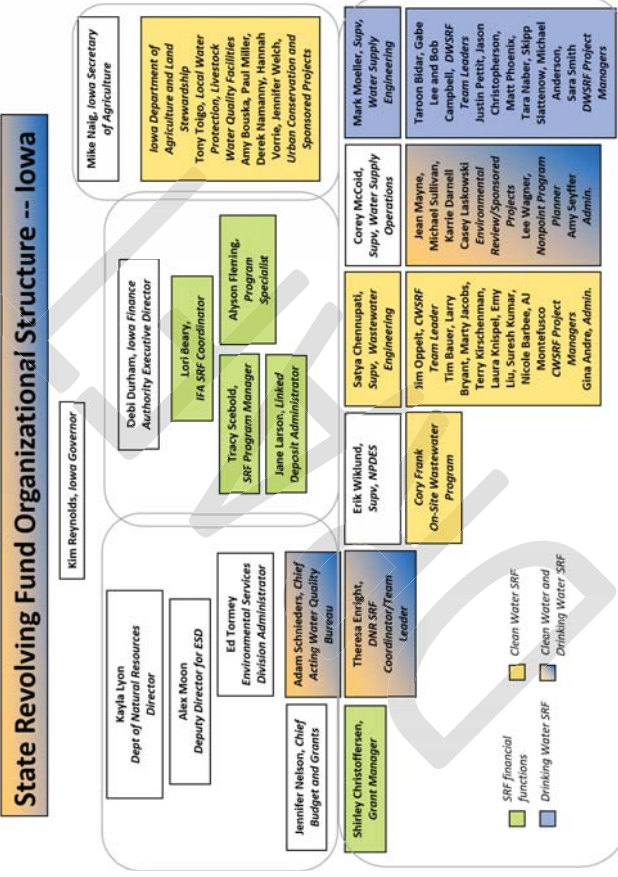
The Intended Use Plans (IUPs) following this introduction provide a roadmap to the policies and procedures of the SRF programs, along with the lists of projects and activities to be funded. The IUPs outline the proposed management of the Clean Water SRF and the Drinking Water SRF during State Fiscal Year 2020 (July 1, 2019 – June 30, 2020). The IUPs are developed and updated quarterly, in June, September, December, and March or more often as needed. With the SFY 2020 Intended Use Plan and future program plans, Iowa's SRF will continue to help Iowans protect public health and the environment through investing in Iowa's water.

Since 1988, the Iowa State Revolving Fund (SRF) has remained a reliable funding source for Iowan's in their pursuit to improve water quality and protect public health. In fact, Iowa's SRF has been recognized for offering some of the most innovative and far-reaching financing programs in the United States. Here are some of the highlights:

- ✓ In the last 30 years, Iowa's SRF has provided more than **\$3.5 billion** in loans for water and wastewater infrastructure, agricultural best management practices, and other water quality projects.
- ✓ Cities, counties, rural water systems, sanitary districts, farmers, livestock producers, homeowners, watershed organizations and others across the state utilize the existing SRF programs. Many borrowers come back to the SRF multiple times to finance their ongoing capital improvement projects.
- ✓ Iowa's SRF listens to stakeholders to create programs and financing tools that meet their needs. For example, program innovations such as sponsored projects and loans to farmers and livestock producers are providing effective financing tools for voluntary practices to address nonpoint source pollution control.
- ✓ SRF loans can be used as stand-alone financing or in combination with a wide variety of grants, including other federal water and wastewater assistance programs, state and federal agricultural cost-share, and local sources, along with private investment.
- ✓ Iowa's SRF is based on federal legislation that created the programs as revolving loan funds to provide a dependable, ongoing source of financing. Several sources of money are used to make loans, including federal capitalization grants, bonds, and loan repayments with interest. No state general funds are provided.
- ✓ Iowa's SRF programs are rated highly in financial markets, giving the programs strong leveraging capacity to keep up with demand for loans.
- ✓ The SRF programs accept applications throughout the year to ensure funding is available when projects are ready to proceed. All eligible projects can be funded.

- ✓ Transparency and accountability are commitments the Iowa SRF staff has made to stakeholders. All program plans are issued for public review and comment, with approval quarterly by the Iowa Environmental Protection Commission. Annual reports and program audits show program performance. Surveys and questionnaires are used to gauge customer satisfaction and identify and solve problems.

The unique partnership between the Iowa Department of Natural Resources, the Iowa Finance Authority, and the Iowa Department of Agriculture and Land Stewardship is the foundation for the success of the SRF programs. These agencies work together to deliver streamlined programs and good customer service.



Iowa's SRF also relies on partnerships with Soil and Water Conservation Districts, county environmental health agencies, watershed and land trust organizations, and lending institutions across the state to implement program and financial goals.

The anticipated use of the SRF programs is steady and even increasing. Several factors will create need for investment in the years to come: higher regulatory standards, aging infrastructure, increased emphasis on

environmental protection, and growth and expansion. In addition, the impacts to drinking water and wastewater infrastructure from extensive flooding and other natural disasters are currently being assessed. In May of 2019, a Memorandum of Understanding (MOU) was signed regarding coordination between EPA and FEMA. The MOU established a framework for the EPA Funded State Revolving Fund (SRF) programs to assist and collaborate with FEMA disaster assistance grant programs.

The SRF is not a very flexible tool for emergency response, but the Iowa SRF team is working with communities on a case-by-case basis to provide assistance addressing public health threats related to drinking water and wastewater. Some of the ways the SRF can help include:

- Restructure existing SRF loans. Communities with current financial difficulties may request an extension on the loan term or to delay principal payments. Under certain circumstances, it may be possible to reduce or eliminate interest and fee payments for a period of time.
- Use SRF loans as match for FEMA grants. FEMA funds will generally pay for 75% for the replacement costs for public water and wastewater systems. The SRF can be used for the required 25% match.
- Use SRF funds as short-term loans to be repaid with FEMA grants. There may be times when a public facility has been approved for a FEMA grant but there is a delay in receiving the funds. In those situations, a SRF loan could be used to finance the repairs and then be repaid with FEMA money. When all other requirements are met, loans may be made and then shown on the next quarterly IUP update.
- SRF loans can be used to pay for emergency repairs. The SRF team will work with communities to expedite the normal SRF procedures to the extent possible. While the required environmental review process cannot be waived, the SRF team will use categorical exclusions wherever possible to shorten the review period. When all other requirements are met, emergency loans may be made and then shown on the next quarterly IUP update.

The attached Intended Use Plans (IUP) outline goals and strategies to be used in managing the Iowa SRF programs during fiscal year 2020. The IUPs will continue to be amended quarterly, with projects added and funding amounts adjusted as needed. While the plans of action outlined in this SFY 2020 IUPs may be amended in subsequent quarters, they are intended to lay out the general direction and goals of the Clean Water and Drinking Water SRF programs.



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I. STATE FISCAL YEAR 2020 PLAN OF ACTION

The plan is based on anticipated use of new and revolving funds available in the CWSRF for funding water quality protection needs, including both publicly owned wastewater infrastructure and nonpoint source water protection projects.

The CWSRF loan program consists of three main program areas:

- The purchase of debt obligations for wastewater and some storm water projects is provided through the CWSRF to publicly owned facilities
- Direct loans, loan participation and linked deposit financing approaches address nonpoint source programs
- Water Resource Restoration Sponsored Projects address nonpoint source problems via interest rate reductions on wastewater loans

The SFY 2020 Plan of Action covers the following areas:

- CWSRF goals and objectives
- Current and projected financial capacity of the CWSRF
- Financial management strategies
- Plan for the SFY 2020 Project Priority List
- Plan for nonpoint source set-asides
- Plan for use of administrative accounts

CWSRF Goals and Objectives

The primary long-term goal of the Iowa CWSRF is to protect the environment and public health and welfare through a perpetual financial assistance program. While there have been changes to the CWSRF in recent years due to federal legislation, no major program updates are anticipated in SFY 2020.

The SFY 2020 short-term goals and objectives are as follows:

- Goal: Commit loan funds to as many recipients as possible in accordance with the state priority rating system, the IUP, staff resources, and available funding, in order to assist in the construction of projects with the highest water quality impacts. *Objective: During SFY 2020, quarterly updates to the IUP will be prepared to add projects and update program financial information. Sponsored project applications will*

be taken and added to the IUP twice per year. Projects approved under the nonpoint source set-aside programs will be funded on a continuous basis.

- Goal: Require applicants to engage a registered Municipal Advisor (MA). *Objective: During SFY 2020, all applicants submitting an Intended Use Plan application must demonstrate that they have hired an MA to assist with cash flows, rate setting, debt service coverage, and other financial aspects of their wastewater utility.*
- Goal: Implement the "Use of American Iron and Steel (AIS)" requirements enacted by Congress on January 17, 2014. *Objective: During SFY 2020, SRF staff will help applicants determine eligibility for the exemptions and waivers provided for in the Act and EPA guidance. SRF staff will provide information to those applicants required to comply on necessary documentation and inspection procedures. SRF will engage DNR Field Office staff to conduct site visits and provide technical assistance.*
- Goal: Fund green projects to meet the requirements of the Green Project Reserve. *Objective: During SFY 2020, the Iowa SRF plans to fund green projects as required in the FFY 2018 and FFY 2019 Capitalization Grants. Iowa has already complied with the GPR requirements of previous Cap Grants.*
- Goal: Develop plans for allocating loan forgiveness required in FFY 2018 and 2019 Cap Grants. *Objective: During SFY 2020, SRF staff plans to approve plans and specifications and execute loans or loan amendments with loan forgiveness for the amounts required in the FFY 2017, 2018 and 2019 Cap Grants. Iowa has complied with the additional subsidization requirements for all previous Cap Grants.*
- Goal: Comply with grant reporting conditions. *Objective: During SFY 2020, the Iowa SRF plans to enter data into the CWSRF National Information Management System (NIMS) and the CWSRF Benefits Reporting (CBR) system.*
- Goal: Comply with EPA guidance on reporting under the Federal Funding Accountability and Transparency Act (FFATA). *Objective: In the Annual Report, SRF staff will list loans that met the several requirements of FFATA for open Capitalization Grants. Grants may not be closed out until equivalency amounts can be reported. Loans reported for FFATA will meet equivalency requirements for the following:*
 - Section 602(b) (14) of the Clean Water Act: "A contract to be carried out using funds directly made available by a Capitalization Grant...for program management, construction management, feasibility studies, preliminary engineering, design, engineering, surveying, mapping, or architectural related services shall be negotiated in the same manner as a contract for architectural and engineering services is negotiated under Chapter 11 of title 40, United States Code..."
 - Federal socioeconomic cross-cutters
 - Federal environmental cross-cutters
 - EPA signage guidance
 - Single audit requirements
- Goal: Comply with EPA guidance on cost and effectiveness requirements under Section 602(b)(13) of the Clean Water Act, which states: "Beginning in (federal) fiscal year 2016, the State will require as a condition of providing assistance...that the recipient of such assistance certify...that the recipient - A) has studied and evaluated the cost and effectiveness of the processes, materials, techniques, and

technologies for carrying out the proposed project...; and B) has selected, to the maximum extent practicable, a project or activity that maximizes the potential for efficient water use, reuse, recapture, and conservation, and energy conservation, taking into account – i) the cost of constructing the project or activity; ii) the cost of operating the project or activity over the life of the project or activity; and iii) the cost of replacing the project or activity.” Objective: During SFY 2020 CWSRF will require applicants whose project requests were placed on the IUP after October 1, 2015 to submit a self-certification form indicating compliance with this requirement.

- Goal: Promote and identify sustainable practices in projects proposed for funding. Objective: During SFY 2020 SRF staff will provide information on the EPA’s Sustainability Policy to applicants and include sustainability features in project descriptions.
- Goal: Continue to implement the Water Resource Restoration Sponsor Program authorized in Iowa Code 384.84. Objective: During SFY 2020, SRF staff will receive applications twice per year for Sponsored Project funding. Application deadlines will be in September and March. In conjunction with watershed coordinators, Iowa Department of Agriculture and Land Stewardship urban conservationists, and others, SRF staff will evaluate the applications and prepare a list of proposed projects for the IUP.

- Goal: Comply with the EPA Signage Guidance. Objective: During SFY 2020 SRF staff and recipients will notify the public in the most effective ways possible about assistance agreements and benefits of the CWSRF program in order to enhance public awareness of EPA assistance agreements nationwide. The Iowa SRF program sends out press releases listing all SRF loans that have closed and borrower contact information.

Additional long-term goals include:

- Goal: Work with other state and federal agencies to coordinate water quality funding. Objective: During SFY 2020, SRF staff will meet regularly with staff from the Community Development Block Grant program, and USDA Rural Development. SRF staff will also coordinate funding with new state Water Quality Initiative grants for nonpoint source projects.
- Goal: Apply program requirements that are simple and understandable and do not add unnecessary burdens to applicants or recipients. Objectives: During SFY 2020 SRF staff will continue to assist applicants with completing the federal cross-cutting requirements for environmental and historical review. Staff will not be responsible for Davis-Bacon compliance but will advise borrowers as needed. Borrowers will be responsible for compliance and may hire outside consultants to assist.
- Goal: Continue the option of extended financing terms for CWSRF infrastructure projects. Objective: During SFY 2020 this option will be offered to current and new projects on the project priority list. Applicants seeking extended financing must complete a worksheet outlining the anticipated life of the project components, which can be averaged to determine the extended term.
- Goal: Maintain mechanisms for funding the on-going administration of the program if federal funding is reduced or eliminated. Objective: During SFY 2020 initiation and servicing fees will be collected on CWSRF loans for deposit to administrative accounts. SRF staff will develop short and long-term plans for administrative budgets.

- Goal: Manage the CWSRF to maximize its use and impact through sound financial management. Objective: During SFY 2020 SRF staff and financial advisors will continue to conduct financial analysis and develop innovative approaches to financial management.
- Goal: Implement programs that effectively address water quality needs and target appropriate audiences. Objective: During SFY 2020 SRF staff will continue to educate users and potential users about the program offerings through presentations, displays, program materials, and the IowaSRF.com website.
- Goal: Update the CWSRF Operating Agreement. Objective: In the future, SRF staff will work with EPA Region 7 to update the Clean Water SRF Operating Agreement between DNR and EPA. The agreement has not been updated since 2007 and the EPA is evaluating the future use of Operating Agreements in Region 7 states.

Current and Projected Financial Capacity of the CWSRF

Appendix A, the Estimated Sources and Uses table, shows that funds are available to fund current requests as of October 4th 2019. The Iowa CWSRF program uses its equity fund to originate loans. When a sufficient number of loans have been made, the SRF program issues bonds, backed by those CWSRF loans, and uses the bond proceeds to replenish the equity fund. Bonds were issued in SFY 2019 and included state match for the estimated FFY 2019 Capitalization Grant.

The leveraging capacity of the CWSRF is robust due to the maturity of the fund and the current loan portfolio. SRF staff has analyzed the future financial capacity of the CWSRF in light of the discussion over water quality standards and other future wastewater needs. Assuming continued Cap Grants, 10% loan forgiveness and the same interest rates, it is projected that the CWSRF could loan an average of \$290 million per year over the next 10 years, or a total of \$2.9 billion. If we assume no additional Cap Grants but keep the same interest rates, the CWSRF could loan an average of \$231 million per year over the next 10 years. Those amounts would increase if we were to increase the interest rate.

Financial Management Strategies

The CWSRF Project Priority List (attached) show total loan requests for wastewater projects. Because many of these projects are in the planning phase, they are not expected to sign a binding loan commitment during this fiscal year. The projected timing and demand for loan draws is reflected in the sources and uses table (Appendix A). Other uses for CWSRF funds in SFY 2020 include \$22.8 million for nonpoint source set-asides.

The cash draw procedure used is the direct loan method. State match is fully disbursed prior to drawing EPA Capitalization Grant funds. The EPA Capitalization Grant funds will be drawn at a 100% proportionality ratio. Iowa’s bonds are cross-collateralized across both the Clean Water and Drinking Water SRF accounts.

SFY 2020 Project Priority List

The management of the CWSRF program includes a priority list of projects for loan assistance, which has been developed according to DNR rules 567 IAC 92 (455B).

With the available CWSRF funds, this IUP provides a projection of loan funding assistance for applications in priority order determined by point source rating criteria defined in 567 IAC 91 (455B). This priority list will be amended on a quarterly basis during SFY 2020. Chart 1 (attached) constitutes the project priority list.

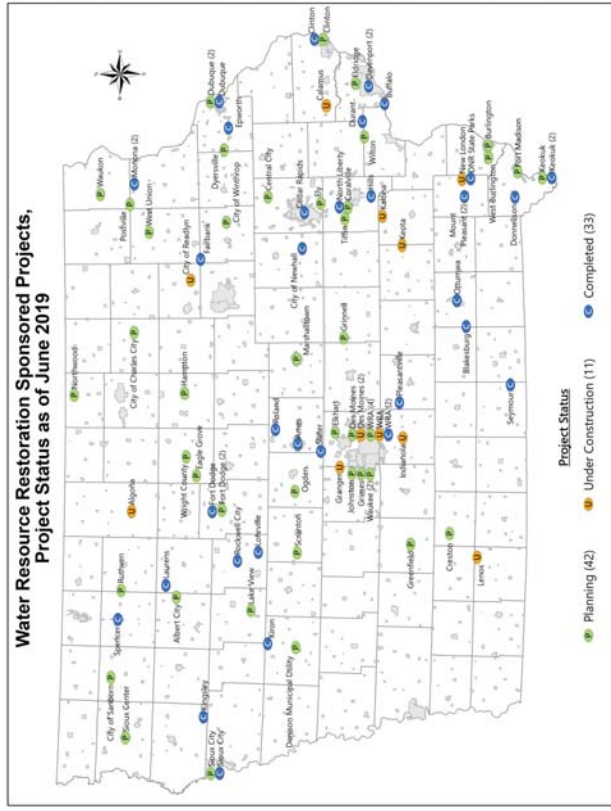
Applications will be taken during SFY 2020 on September 3, 2019 and March 2, 2020.

Explanations of eligible applicants and projects, as well as specific application requirements, are outlined in the SFY 2020 Sponsored Project Application Packet, available online at: http://www.iowasrf.com/about_srf/sponsored_projects_home_page.cfm

The applications proposed for funding in SFY 2020 are listed in Appendix D.

- The amount set aside for interest rate reductions is \$10 million (on up to \$100 million worth of future CWSRF infrastructure loans). DNR reserves the right to cap the dollar amount of a single project to a percentage of the total allocated.

The map below shows the project locations for approved sponsored projects through the end of SFY 2019.



Due to the project workload and for planning purposes, the CWSRF staff may evaluate projects that have been on the IUP list for more than three years. A notification will be sent to the applicants that their project may be dropped if there is no progress in the six months following the notice. If a project is dropped, the applicant may reapply when the project is ready to move ahead.

For program planning purposes, the fundable projects are further identified as "R – ready for loan" (indicating that the construction permit and environmental review have been completed), and "P – in planning."

The following categories of projects will be included for funding during SFY 2020 and are included on Chart 1:

Unfunded Prior Years' Section 212 Projects: These are loan requests remaining on the project priority list from previous years' IUPs. It is Iowa's intention to make CWSRF loans to these projects during SFY 2020 if they are ready for a binding loan commitment.

Segments of Previously Funded Section 212 Projects. State rules provide that subsequent segments of a project, which has previously received funding priority or assistance, be placed on the project priority list ahead of new projects. Segmented projects will be added to the SFY 2020 project priority list as received.

New Section 212 Projects. New applications for assistance during SFY 2020 will be added to the project priority list. Applications will be accepted on a continuous basis during SFY 2020 with quarterly updates completed as needed.

Supplemental Financing. Supplemental financing for projects listed in previously approved IUPs are added to the IUP as they are requested unless the additional funds will be used for improvements that would significantly change the scope of the project. Additional environmental review may be required. Supplemental loans will not be provided for changes that are ineligible for funding.

Planning and Design Loans. Planning and design loans are provided at 0% interest for up to three years to cover the costs of preparing facility plans and project specifications. The loans will be rolled into CWSRF construction loans or repaid by another source of permanent financing.

Water Resource Restoration Sponsored Project

The project category called "water resource restoration" sponsored projects includes locally directed, watershed-based projects that address nonpoint source water quality issues.

Iowa Code chapter 384-84 authorizes these projects to be financed with sewer revenues. On a typical CWSRF loan, the utility borrows principal and repays principal plus interest. On a CWSRF loan with a sponsored project, the utility borrows for both the wastewater improvement project and the sponsored project. The overall interest rate on the total amount of principal borrowed is reduced so that the utility's ratepayers do not pay any more than they would have for just the wastewater improvements. Instead, two water quality projects are accomplished for the cost of one.

- For loans up to 20 years, the interest rate on the combined infrastructure/sponsored project loan will be reduced to not lower than 0.75%. The equivalent of the amount that would be generated by a 1% interest rate (approximately \$100,000 per \$1 million borrowed) will be available for eligible sponsored project costs. Loans between 20-30 years can also be used but the dollar amount for sponsored projects will also be \$100,000 per \$1 million.

Plan for Nonpoint Source Set-Asides

Iowa authorizing legislation and state administrative rules allow the use of CWSRF funds for nonpoint source pollution control projects. Four set-asides for nonpoint source program assistance have been established which target areas of need allowed under federal guidance and identified in the state nonpoint source water quality management plan:

- The On-Site Wastewater Systems Assistance Program (OSWAP), provides loans to homeowners to replace inadequate septic systems. New systems are certified by county sanitarians.
- The Local Water Protection (LWP) Program, addresses soil, sediment, and nutrient control practices on agricultural land. DNR contracts with the Iowa Department of Agriculture and Land Stewardship, which operates the program through local Soil and Water Conservation Districts.
- The Livestock Water Quality Facilities (LWQ) Program, assists livestock producers with manure management plans, structures, and equipment. Facilities with fewer than 1,000 animal unit capacity are eligible. DNR contracts with the Iowa Department of Agriculture and Land Stewardship, which operates the program through local Soil and Water Conservation Districts.
- The General Nonpoint Source (GNS) Program, supports a wide variety of other water quality protection efforts. Projects include habitat and wetland restoration, landfill closure, lake restoration, and watershed planning. Funding for Storm Water Best Management Practices loans is also included in this set-aside amount. Projects that involve purchase of land require separate approval by the EPC. These projects as well as new legislation regarding GNS uses, are listed in Appendix E.

Loans for these four set-aside programs are made through participating lenders through either a linked deposit arrangement or loan participation. For linked deposits, SRF funds are deposited with a participating lender and are used to issue the loan. For loan participation, SRF funds are used to purchase an existing loan from a lender.

The table below outlines the current and proposed set-aside amounts planned for the four programs. These set-aside amounts may be amended based on need and the financial capacity of the CWSRF.

Program	Proposed SFY 2020 Set-Aside Amount
Onsite Wastewater Assistance Program (OSWAP)	\$1.8 million
Local Water Protection Program (LWPP)	\$5.0 million
Livestock Water Quality Facilities Program (LWQ)	\$6.0 million
General Nonpoint Source Program (GNS)*	\$10.0 million
TOTAL	\$22.8 million

*GNS projects that receive a direct loan are not part of this set-aside and are listed individually on the project priority list (Chart 1).

Plan for Use of Administrative Accounts

There are three distinct funding sources for CWSRF administrative expenses:

- The CWSRF administrative set-aside. Iowa intends to take or reserve 4% of the federal Capitalization Grant funds for program administration. The Iowa SRF program did take the administrative set-aside of \$2,121,600 from the ARRA Cap Grant in the 2018 Cap Grant application. Any unused administration commitments from ARRA and other Capitalization Grants are reserved for use in future years as

necessary should Capitalization Grants be reduced, or actual costs increase.

- Loan initiation fees. A 0.5% loan origination fee will be charged on new CWSRF loans. The maximum amount to be paid will be \$100,000. Under EPA rules, because Iowa's origination fees are financed through the loans, the proceeds are considered program income. Program income can only be used for the purposes of administering the CWSRF program or for making new loans.
- Loan servicing fees. A fee of 0.25% on principal is charged on CWSRF loans. Under EPA rules, only servicing fees charged on loans made above and beyond the amount of the Capitalization Grant and fees collected after the Capitalization Grant under which the loan was made has been closed are considered non-program income. Non-program income can be used to administer the program or for other water quality purposes. The uses of non-program income are discussed below.

Program Income. It is estimated that program income collected in SFY 2020 will be approximately \$1 million dollars and will be used for program administration. Program income is replenished throughout the fiscal year by funds received from loan initiation fees as described above.

Non-Program Income. There is approximately \$9.4 million available in funds considered non-program income.

Planned Expenses. CWSRF program expenses are estimated to be approximately \$3 million this fiscal year. This includes the work of wastewater engineering section project managers, specialists in environmental review, nonpoint source program administrators, financial officers, loan coordinators, and program managers. It also covers expenses for financial and legal advisors. These program expenses will first be paid out of program income and then non-program income once program income has been fully expended.

DNR intends to use a portion of non-program funds during SFY 2020 to support staffing to the Field Services Bureau for wastewater compliance activities including inspections, investigations, and technical assistance and to support staffing in the Water Quality Bureau for construction permitting, National Pollution Discharge Elimination System permitting, and other programmatic staffing needs.

II. INFORMATION ON THE CWSRF ACTIVITIES TO BE SUPPORTED

Allocation of Funds

Allocation of funds to eligible projects was based on a four-step process:

1. The amount of financial assistance needed for each application was estimated
2. The sources and allowable uses of all CWSRF funds were identified
3. The CWSRF funds were allocated among the projects, consistent with the amount available and the financial assistance needed
4. A designated amount was selected as reasonable and manageable for each set-aside

Information pertinent to each CWSRF project is contained in Chart 1, pursuant to Section 606(c) (3) of the Clean Water Act.

Sources and Uses of Available CWSRF Funds

FY 2019 Capitalization Grant was awarded in the amount of \$21,505,000. Appendix A to the Intended Use Plan illustrates potential sources and uses of funds in the CWSRF for SFY 2020. As shown, all pending loan requests and program administration needs can be funded. Projects will draw on their funding at different intervals based on their construction cycles. These differences are used to estimate cash needs throughout the year.

Appendix A will be updated quarterly as needed to provide an ongoing view of the financial plan for meeting loan requests.

Iowa's SRF program issues bonds annually or as needed. These bond issues include the state match for the next federal Capitalization Grants. On February 26, 2019, IFA issued \$258,005,000 of SRF bonds. Of that amount, \$9,208,600 was for Clean Water state match and \$7,667,200 was for Drinking Water state match and was deposited in the respective state match accounts on that date. The FY19 Clean Water cap grant was matched with \$4,301,000 and the FY19 Drinking Water cap grant was matched with \$3,486,400. The remainder of the match funds will be used for the FY20 cap grants. After the bonds are issued, the state match is spent first so the Cap Grant can be drawn down at 100% when it is received. All state match funds have been disbursed to loan recipients.

Section 212 Projects Program Policies

Project Scope. The scope of the project must be outlined on the Intended Use Plan application and in the facility plan. Changes to the scope are allowed prior to loan closing. Significant changes in scope may cause delays if additional work is required by the project manager or environmental review specialist. Once a loan is signed, only minor changes to the scope will be allowed and only if they do not require additional technical or environmental review.

Loan Interest Rates. Interest rate for CWSRF planning and design loans will be 0% for up to three years.

The interest rates for construction loans made from the CWSRF are as follows:

Loan Term	Applicant Type	Interest Rate	Servicing Fee	Total
Standard (up to 20 years)	All	1.75%	0.25%	2.00%
Extended (21 to 30 years based on useful life)	Disadvantaged*	1.75%	0.25%	2.00%
Extended (21 to 30 years based on useful life)	Non-Disadvantaged	2.75%	0.25%	3.00%

*Communities must be determined to be disadvantaged based on criteria in Iowa Code section 455B.199B, Disadvantaged Communities Variance, as amended by Senate File 407 on April 28, 2011. These criteria include income and unemployment data. SRF staff will also consider population trends, providing 1 point for communities with projected increases or decreases in population. Population trends are also reviewed as part of the construction permitting process as required in Iowa Administrative Code 567 Chapter 64.2(9).

Loan Fees. A 0.5% origination fee is charged on the full loan amount for new CWSRF construction loans, with a maximum amount of \$100,000. No origination fees will be charged on planning and design loans. A .25% servicing fee will be charged on construction loans. Payment of the loan servicing fee is semi-annual with interest payments for all new SRF loans. Loan servicing fees are only charged on the principal amount disbursed during construction (not the entire original loan amount).

Financing Term. The financing term will be up to 30 years. Current and new projects on the project priority list

may request an extended term. The length of the term will be based on calculation of the average useful life of the entire project, to be determined by the applicant's consulting engineer and approved by DNR.

Maximum Financing. There is no maximum financing amount.

Project Readiness. Applicants cannot be offered assistance until they meet program requirements.

Funding Limitations. Pending loans identified in this IUP do not exceed funds obtainable for the CWSRF program.

Plan for Efficient and Timely Use of CWSRF Funds

The State of Iowa's Clean Water SRF uses federal Capitalization Grant funds as expeditiously as possible. Iowa has been able to use its federal Capitalization Grant funds in a timely way due to a robust and sustained demand for loans. A number of program features have spurred the growth in loan demand. These include:

- Improvements and streamlining in the wastewater construction permitting process, which reduced timelines for project review and approval
- Allow applicants to pursue phased approach for projects to enable individual phased projects proceed timely to construction instead of waiting on approval on a large project
- Planning and design loans at 0% interest for three years to provide upfront capital to get projects started and ready for construction and loan closing
- Year-round application process with quarterly updates to the Intended Use Plan, which keeps projects in the loan pipeline on a continual basis
- Expansion of nonpoint source and green infrastructure programs to include loans for farmers, livestock producers, watershed organizations, and others
- Extended term financing, based on project useful life, which allows more utilities to benefit from the CWSRF
- Environmental review services to complete assessments of impacts to natural and cultural resources, reducing costs and barriers to participating in the loan program
- Focus on marketing, customer and consultant education, and coordination with other funders

Financial management also contributes to the timely use of federal funds. The Iowa CWSRF program uses its Equity Fund to originate new loans. This fund consists of principal and interest repayments. When additional funds are needed, the SRF program issues bonds, backed by those CWSRF loans, and uses the bond proceeds to replenish the equity fund.

Due to equivalency guidance from the U.S. EPA, Cap Grant dollars can be directed on a first-in, first-out basis. That allows the Cap Grant to be drawn down more quickly. Equivalency projects are chosen to meet the full range of SRF requirements. Loan disbursements are made weekly. Iowa's CWSRF disbursements averaged \$11 million per month over the last 5 years. During the first ~~404~~ months of SFY 2019-20, the monthly disbursement averaged almost ~~\$4.9-23~~ million.

With a return of \$3.91 for every dollar of federal investment (compared to the national average of \$2.79), Iowa's CWSRF is an efficient and effective delivery mechanism for water infrastructure funding.

The practices described above are currently working well for Iowa and will be continued through SFY 2020.

Water Quality Management Planning

A reserve for water quality management planning as required by Title VI of the Clean Water Act will be set aside from Iowa's Title VI allotments and granted to the state for this purpose separately from the CWSRF. This reserve does not appear in this IUP as it has been already deducted from Iowa's allotment and taken into account in projecting Iowa's available Capitalization Grant.

SEE Salary Funds Deducted from Cap Grant

These positions are filled by EPA Region 7 and assigned to the DNR's Wastewater Engineering section to provide technical and administrative assistance to the CWSRF projects and program. The SEE enrollees help provide staffing at Iowa DNR to maintain the CWSRF program and keep up with the increasing CWSRF project technical and administrative work load. Authorized under the Environmental Programs Assistance Act of 1984 (PL 98- 313), the SEE program is intended "to utilize the talents of older Americans in programs authorized by other provisions of law administered by the Administrator in providing technical assistance to Federal, State, and local environmental agencies for projects of pollution prevention, abatement, and control."

III. ASSURANCES AND SPECIFIC PROPOSALS

Iowa will provide the necessary assurances and certifications according to the Operating Agreement between the State of Iowa and the U.S. EPA.

IV. CRITERIA AND METHOD FOR DISTRIBUTION OF FUNDS

Section 212 Infrastructure Projects

The following approach was used to develop Iowa's proposed distribution of CWSRF funds for Section 212 infrastructure projects: (1) analysis of the priority of communities applying and financial assistance needed; (2) identification of the sources and spending limits of available funds; (3) allocation of funds among projects; (4) development of a payment schedule which will provide for making timely binding commitments to the projects selected for CWSRF assistance; and (5) development of a disbursement schedule to pay the project costs as incurred.

Allocation of Funds Among Projects. All projects listed in the CWSRF Project Priority List (attached) are eligible for assistance and may be funded from the CWSRF subject to available funds.

All projects scheduled for funding with Iowa's CWSRF will be reviewed for consistency with appropriate plans developed under sections' 205(j), 208, 303(e), 319 and 320 of the Clean Water Act, as amended. Evidence of this review and finding of consistency will be documented in each CWSRF project file. Should a project fail to meet this review criterion, it may be bypassed as allowed by State rules. The Project Priority List provides for contingency projects, which may be considered for loan assistance as bypass projects according to state rules without formal amendment of this intended use plan.

Priority of Communities and Financial Assistance Needed. Iowa law provides only for loan assistance. Additional subsidization required by federal Capitalization Grant conditions will be through forgivable loans. The state's CWSRF rules identify the priority rating system used to establish priorities for loan assistance.

Capitalization Grant Requirements. The FFY 2016 - 2019 Capitalization Grants include requirements for minimum and maximum percentages of the funds to be allocated for additional subsidization and/or green projects. Iowa will comply with these requirements. The specific projects that have received add subs or been counted for the GPR are listed in Appendix C. Iowa will satisfy the amounts required in the FFY 2018 and 2019 Capitalization Grants. Time limits may be established on loan forgiveness awards.

	Add Subs Req'd.	Add Subs Actual	%	GPR Req'd.	GPR Actual	%
2016	\$ 1,808,300	\$ 1,838,800	102%	\$ 1,808,300	\$ 5,691,797	315%
2017	\$ 1,794,400	\$ 1,794,400	100%	\$ 1,794,400	\$ 21,236,103	1183%
2018	\$ 2,172,300	\$ 1,981,800	91%	\$ 2,172,300		0%
2019	\$ 2,150,500		0%	\$ 2,150,500		0%

Nonpoint Assistance Programs

Nonpoint source assistance includes set-asides for the Onsite Wastewater Assistance Program (OSWAP), Livestock Water Quality Facilities (LWQF), Local Water Protection (LWP) and General Nonpoint Source (GNS). These funds implement the intent of Iowa statute to use CWSRF funds to improve residential wastewater systems, to assist owners of existing animal feeding operations to meet state and federal requirements, for local water protection projects that will provide water quality improvement or protection and for general nonpoint source projects that will provide water quality improvements or water quality protection. These systems are addressed as a need by Iowa's State Nonpoint Source Management Plan. Individual loan applicants for all set-aside program operated as linked deposit and loan participation are not identified in this IUP. Only GNS projects with a direct loan will be listed on the project priority list.

V. METHOD OF AMENDMENT OF THE INTENDED USE PLAN

This IUP will be followed by the State in administering CWSRF funds in SFY 2020. Federal and state law requires, and Iowa welcomes, opportunity for public participation in the development of the IUP. Any revisions of the goals, policies and method of distribution of funds, must be addressed by a revision of the IUP, including opportunity for public participation. Updates to the IUP to add projects to the priority list, to make program changes, or to adjust dollar amounts in set-asides, will be made quarterly as needed. Minor adjustments in funding schedules, loan amounts and use of bypass provisions including funding of projects on contingency status are allowed by the procedures of this IUP and state rules for administration of the CWSRF without public notification.

VI. PUBLIC REVIEW AND COMMENT

A public meeting to allow input to Iowa's SFY 2020 IUP and Project Priority List was held May 9, 2019, 10:00 a.m., at the Wallace State Office Building, Conference Room 4W, 502 E. 9th Street, Des Moines. This meeting was announced in a notice provided to stakeholder organizations representing city officials, consulting engineers, county governments, councils of government, area planning agencies, and other groups which might have an interest. There were no attendees. The public comment period was open until May 16, 2019. There were no written comments.

A public meeting to allow input to Iowa's SFY 2020 Q2 IUP and Project Priority List was held August 8, 2019, 10:00 a.m., at the Wallace State Office Building, Conference Room 5E, 502 E. 9th Street, Des Moines. This

meeting was announced in a notice provided to stakeholder organizations representing city officials, consulting engineers, county governments, councils of government, area planning agencies, and other groups which might have an interest. There was one attendee but no comments were taken for the record. The public comment period was open until August 15, 2019. Written comments were received by the EPA and IFA and have been incorporated into this update.

A public meeting to allow input to Iowa's SFY 2020 IUP and Project Priority List was held November 14, 2019, 10:00 a.m., at the Wallace State Office Building, Conference Room 5E, 502 E. 9th Street, Des Moines. This meeting was announced in a notice provided to stakeholder organizations representing city officials, consulting engineers, county governments, councils of government, area planning agencies, and other groups which might have an interest. There was one attendee but no comments were taken for the record. The public comment period was open until November 21, 2019. There were no written comments.

VII. PROJECT PRIORITY LIST

Chart 1, the CWSRF Project Priority List is included in a separate, sortable Excel file.

APPENDIX A

Iowa CWSRF State Fiscal Year 2020 Q3
Estimated Funding Sources and Funding Uses
As of 10/28/19

Funding Sources	\$166,198,000 *
Funds Available in Equity Fund, Bond Proceeds and Program Accounts	\$0
FFY 2019 Capitalization Grant	\$0
State Match Bond Proceeds for FFY 2019/20 Capitalization Grants	\$0
Issuance of Leveraged Bonds (Next Bond Issue Expected SFY21)	\$450,000
Equity Fund and Program Interest Earnings	\$101,999,000
Loan Repayments	\$268,647,000
Total Funding Sources	
Funding Uses	
Undisbursed Amounts Committed to Existing Loans (30% disbursement rate)	\$72,276,000
Section 212 Project Requests (FNSI/CX issued; 20% disbursement rate)	\$44,866,000
Section 212 Project Requests (FNSI/CX not issued; 10% disbursement rate)	\$42,914,000
Planning & Design Requests (50% disbursement rate)	\$8,185,000
Non-Point Source Program Assistance	\$16,382,000
Principal Payments on Outstanding Bonds	\$41,430,000
Interest Payments on Outstanding Bonds	\$41,877,000
Program Administration From FFY19 Capitalization Grant	\$717,000
Program Administration From ARRA Capitalization Grant	\$0
Total Funding Uses	\$268,647,000

* Funds Available for disbursements as of 10/28/19

** Loan disbursement rates are estimated based on previous experience with project pace. For projects that currently have not had a Finding of No Significant Impact or Categorical Exclusion issued, it is expected that up to 10% of the total project amounts may be disbursed during SFY 2020 once environmental review is completed, construction permit issued, and binding loan commitment signed. For those projects with FNSI/CX clearance, the disbursement rate is estimated at 20% of the loan request amount.

All amounts are rounded to the nearest \$1,000

**APPENDIX B-1
PROCEDURES TO DETERMINE SECTION 212 PROJECT PRIORITY LIST**

Project rankings were determined by the following procedures:

Cost eligibility of projects was determined as per 567 IAC 92.7(6) (455B). Applications were evaluated using the priority point system in 567 IAC 91.8(455B).

The final project priority list for a fiscal year's project pool is compiled in the following manner: subsequent segments of projects funded by CWSRF loan programs of previous years will be ranked at the top; projects ranked in the current year application group will then be added.

Projects on the project priority list will be given contingency status should the total amount of needs exceed the year's CWSRF staff resources capability and loan funding or if the projects have not met the fundable criteria described in 567 IAC 92.6(2)(455B). Projects will be funded from the top down in the ranking order of the project priority list. Projects are ranked similarly in the contingency project list. The top project in the contingency list can be moved to the funding list when funds are available or it has met the fundable criteria. Funds can be made available due to a number of reasons including project bypasses, loan application withdrawal of other projects, reduction in loan amount requests, an increase in available funds, or progress in meeting program requirements.

**APPENDIX B-2
CRITERIA TO DETERMINE PROJECT PRIORITY LIST**

In April 2010 Iowa adopted revised rules for the Clean Water State Revolving Fund (CWSRF). 567 IAC 91 provides the criteria for scoring and ranking CWSRF projects. The new system uses an integrated approach which allows comparison of Section 212 POTW (publicly owned wastewater treatment works) projects as well as nonpoint source pollution control projects. The goal of the new system is gain the highest water quality benefits for the funding available.

Currently Iowa is able to fund all projects that are eligible, but the priority system will be available to use in the case that demand for CWSRF loans exceeds supply of funds.

Section 212 POTW Projects

The rating criteria consider the use classification of the receiving waters, water quality of the receiving waters, groundwater protection, project type, project purpose, and a tiebreaker; defined in 567 IAC 91.8 (455B). Priority ranking for the projects shall be based on the total points awarded for all the categories; the greater the total number of points, the higher the ranking. The ranking will be done at the time the IUP is prepared and will not be updated during the year. The tie breaker category will be used when necessary.

Nonpoint Source Set-Aside Programs

The rating criteria consider the use classification of the receiving waters, water quality of the receiving waters, groundwater protection, project type, project purpose, and a tiebreaker; defined in 567 IAC 91.8 (455B). Priority ranking for the projects is based on the total points awarded for all the categories; the greater the total number of points, the higher the ranking. The priority system for nonpoint source will not be implemented until 90 percent of a nonpoint source set-aside is allocated and no additional funds are available. If that occurs, ranking will be done at the time that a new project application is received.

APPENDIX C

BORROWERS RECEIVING ADDITIONAL SUBSIDIZATION OR COUNTED FOR GREEN PROJECT RESERVE (GPR)

For FFY 2016-2018 Cap Grants, some GPR projects received additional subsidization. Other projects received add subs based on their disadvantaged community status. Time limits may be established for loan commitments in order to apply loan forgiveness awards from these grants.

Beginning in FFY 2019 Cap Grant, loan forgiveness will be offered to eligible disadvantaged community status projects. Construction must begin within 24 months of the ~~ERC approval of the applicable IUP loan forgiveness offer~~ or the loan forgiveness offer will be withdrawn. Extensions may be granted at the discretion of the SRF Program Coordinators.

Project	Loan Amount	Amount Green Project Reserve	Amount Additional Subsidization	Grant Year Reported
Ottumwa			700,000	2016
Albert City	1,000,000		300,000	2016
Albert City	2,796,000		838,800	2016
WRA (sponsored)	1,070,000	1,070,000		2016
INHF	430,000	430,000		2016
INHF	903,297	903,297		2016
INHF	729,000	729,000		2016
INHF	1,125,000	1,125,000		2016
INHF	277,500	277,500		2016
INHF	611,000	611,000		2016
INHF	546,000	546,000		2016
INHF	1,958,400	1,958,400		2017
INHF	3,046,703	3,046,703		2017
Epworth WRR14-013	334,000	334,000		2017
North Liberty WRR15-005	1,426,000	1,426,000		2017
Storm Lake	1,755,000	1,755,000		2017
Storm Lake	1,500,000	1,500,000		2017
Storm Lake	750,000	750,000		2017
Storm Lake	574,000	574,000		2017
NPS	920,000	920,000		2017
NPS	370,000	370,000		2017
NPS	450,000	450,000		2017
Blakesburg WRR	28,000	28,000		2017
Sioux City WRR	474,000	474,000		2017
Keokuk WRR	245,000	245,000		2017
Fort Dodge WRR	108,000	108,000		2017
Epworth WRR14-013	55,000	55,000		2017
WRA WRR	144,000	144,000		2017
WRA WRR	780,000	780,000		2017
Fort Madison	324,000	324,000		2017

**APPENDIX D
SFY 2020 Sponsored Project Funding Recommendations**

Project	Loan Amount	Amount Green Project Reserve	Amount Additional Subsidization	Grant Year Reported
Keokuk WRR	583,000	583,000		2017
Rockwell City WRR	94,000	94,000		2017
Durant WRR	558,000	558,000		2017
Fairbank WRR	325,000	325,000		2017
Johnston	4,434,000	4,434,000		2017
Calamus	1,969,000		590,700	2017
Deloit	516,000		154,800	2017
Calmar	2,977,000		893,100	2017
Lake View	6,700,000		155,800	2017
Lake View	6,700,000		844,200	2018
St Donatus	842,000		252,600	2018
Coralville	2,952,000		885,000	2018

INHF = Iowa Natural Heritage Foundation
WRA = Wastewater Reclamation Authority

Applicant	Proposed Watershed and Project Description	Proposed Partners	Date Approved
Clarinda	Implement agricultural best management practices (BMPs) within the Lower Nodaway HUC-10 watershed to reduce nutrient and risk from other pollutants to the City's surface water supply, and to reduce urban storm water discharge pollutants entering the West Nodaway River	Page CCB, Page SWCD, NRCS, IDALS	6/18/2019
Davenport	Implement best management practices throughout the Duck Creek Watershed to reduce bacteria, nitrogen, phosphorus, pesticides, sediment and hydrocarbons from urban and agricultural sources and implement recommendations from DCWMP in targeted areas of the watershed to address the bacterial impairment in Duck Creek	NRCS, IDALS, Scott SWCD	6/18/2019
Hawarden	Install urban storm water best management practices in three identified sub-watersheds of the Dry Creek and Green Creek watersheds within city limits in order to capture and treat storm water before it reaches the Big Sioux River	IDALS, Sioux SWCD	6/18/2019
Madrid	Stormwater BMP's in Murphy's Branch watersheds. Proposed storm water wetland will be recommended for funding contingent upon the ability for it to be adequately sized to meet the requirements in the Iowa Storm Water Management Manual within the existing footprint of the City owned property or the City's ability to reach an agreement to purchase the property necessary for the storm water wetland to be appropriately sized by the next Sponsored Project application deadline, September 3, 2019.	Polk SWCD	6/18/2019
Osceola	Implement urban storm water best management practices in order to treat or reduce urban storm water pollutants within six sub watersheds of South Squaw Creek, Upper Otter Creek, and Headwaters of White Breast Creek HUC-12 watersheds	Clark SWCD, IDALS	6/18/2019
WRA	Support the Raccoon River Water Quality Master Plan to reduce pollutants and improve the stream corridor stability and environmental functions through implementing sustainable stream restoration measures on Sugar Creek between Mills Civic Parkway and Booneville Road	Waukee, West Des Moines, Dallas SWCD	6/18/2019

<u>Applicant</u>	<u>Proposed Watershed and Project Description</u>	<u>Proposed Partners</u>	<u>Date Approved</u>
<u>Bloomfield</u>	Stormwater BMP's including permeable pavers, bio-retention cells, native landscaping, and soil quality restoration to address non-point source pollutants from urban stormwater runoff in the Fox River watershed	IDALS, Davis CCB	<u>12/17/19</u>
<u>Fort Dodge</u>	Stream and floodplain restoration practices as well as stormwater BMP's including: stormwater wetlands, permeable pavers, bioretention cells, bioswales, and infiltration trenches to reduce nutrients and sediment delivery to the Soldier Creek watershed	IDALS, Webster CCB	<u>12/17/19</u>
<u>Park View Water & Sanitary District</u>	Stormwater BMP's and stream restoration practices to improve water quality in the Lower Wapsi watershed	IDALS, NRCS, Scott SWCD, Park View HOA	<u>12/17/19</u>
<u>Schleswig</u>	Stormwater BMP's to treat urban stormwater runoff and reduce sedimentation at the Schleswig Community Golf Course pond in the Buffalo Creek watershed	IDALS, Crawford SWCD	<u>12/17/19</u>
<u>Waterloo</u>	Stormwater BMP's including permeable pavers, bioswales/ bioretention, and streambank stabilization to reduce urban pollutants and sediment to the Middle Cedar River watershed	IDALS, Black Hawk SWCD, Middle Cedar WMA	<u>12/17/19</u>
<u>Waterloo</u>	Stormwater BMP's including permeable pavers, bioswales/ bioretention, and streambank stabilization to reduce urban pollutants and sediment to the Middle Cedar River watershed	IDALS, Black Hawk SWCD, Middle Cedar WMA	<u>12/17/19</u>

**APPENDIX E
General Nonpoint Source Set-Aside Projects for Approval of Land Purchase**

Per Iowa Administrative Code 567 Chapter 93.7(5) Ineligible costs. Costs for livestock water quality facilities are not eligible under this set-aside and are provided for in rule 567—93.5(455B). Costs for the purchase of land are not eligible costs unless specifically approved by the commission.

Senate File 548, an Act relating to the acquisition, donation, or sale of real property for specific purposes, enacted by the general assembly, amended Iowa Code 455B.291 & 455B.295 to include boundaries for the eligible use of [includes restrictions on general nonpoint source set-aside funds for land acquisition].

~~The language in SF 548, Section 455B.291, subsection 9, paragraph a (2), (3), Code 2019, reads as follows:~~

~~(2) On and after July 2, 2019, nonpoint source water pollution control projects for purposes of subsection 1 shall not include the acquisition of real property by a private entity for future donation or sale to a political subdivision, the department, or the federal government except as included in subparagraph (3);~~

~~(3) Subparagraph (2) does not apply to the acquisition of land by a private entity intended for such future donation when the private entity acquires any of the following:~~

~~(a) Only that portion of land on which an edge-of-field practice consistent with the Iowa nutrient reduction strategy is installed to provide water quality benefits beyond the geographic footprint of the practice;~~

~~(b) Any necessary setback to a portion of land included in subparagraph division (a) as authorized by the department;~~

~~The language in SF 548, Section 455B.295, subsection 2, paragraph a-b, Code 2019, reads as follows:~~

~~a. On and after July 3, 2019, moneys in the revolving loan funds shall not be used to finance, subsidize, or enable the acquisition of real property by a private entity except that moneys in the revolving loan funds may be used to finance or subsidize an acquisition of real property by a private entity that occurred prior to July 3, 2019, or the finance, subsidize, or acquire an edge-of-field practice or setback included in section 455B.291, subsection 9, paragraph a, subparagraph (2);~~

~~b. For purposes of this subsection, "edge-of-field practice" means a bio-reactor, saturated buffer, wetland, or buffer.~~

Overall, SF 548 has no fiscal impact to the SRF program. In summary, this bill places ~~new~~ boundaries on the use of SRF funds by private entities for land acquisitions that are made on and after July 1, 2019. The bill does not restrict the SRF from funding nonpoint source water quality projects that include land acquisition by a private entity if the land acquisition was completed prior to July 1, 2019. if the land acquisition includes only the portion of land necessary for an edge-of-field practice; or if the land acquisition is not for future donation or sale to a political subdivision, the department, or the federal government. The bill does not ~~place~~ boundaries on any other eligible uses of the water pollution control fund or other eligible applicants. Since the SRF currently has the capability to fund all eligible projects, monies that would have otherwise been obligated to these land acquisition projects will now become available for other eligible, non-point source projects. Throughout this IUP year, the SRF program will, however, review administrative rules, program policies/procedures, implementation requirements, and outreach materials and update them, when applicable, to accommodate this bill.

The following SRF General Nonpoint Sources applications for land acquisitions by a private entity for future transfer to a public entity which were purchased prior to July 1, 2019 meet the new eligibility restriction established by SF 548. ~~The applications ~~and are recommended for approval~~ were approved by the EPC on September 17, 2019.~~

Applicant	Iowa Natural Heritage Foundation
IUP Year and Quarter	FY 2020 Q2
Purchase Date	5/17/2019
Amount	\$506,437
Project Description	Purchase of 48 acres property along Big Spirit Lake in Dickinson County.
Water Quality Benefit	The Bartels property consists of three row-crop parcels totaling 48 acres, with storm drains and tile outlets draining directly from the property into the Big Spirit Lake. Big Spirit Lake is an Outstanding Iowa Water, a Natural Resources and Conservation Service (NRCS) National Water Quality Initiative (NWQI) priority watershed, and source water for the City of Spirit Lake's drinking water. The property falls within the 1/2-mile priority buffer around Big Spirit Lake, needed for source water protection. The Bartels property will be restored to wetland and prairie reducing runoff containing nitrogen, phosphorus, sediment, and other pollutants to Big Spirit Lake. Restoring the Bartels cropland to wetland and prairie will help absorb and filter the non-point source pollution that is leading to the high nutrient levels in the lake. This property will be owned and managed by INHF, but this property or portions of this property may be transferred to a public entity in the future.
Applicant	Iowa Natural Heritage Foundation
IUP Year and Quarter	FY 2020 Q2
Purchase Date	5/4/2018
Amount	\$389,610
Project Description	Purchase of 109 acres of property along the Little Sioux River in Woodbury County.

Water Quality Benefit	The Briese property contains approximately 10 acres of crop land near the river bank, 36 acres of steep upland crop fields (C, E and F slopes), and 63 acres of mixed oak woodland on the Little Sioux River. The crop fields will be restored to native vegetation to and the woodlands will be preserved and maintained. The Little Sioux River drains the largest watershed of any tributary of the Missouri River in Iowa. Protection of the Briese property is critical to the continued protection and expansion of the Little Sioux River Greenbelt that stretches from Highway 20 (Correctionville) south to Little Sioux County Park. Protection of the existing woodland on the Briese property will ensure it permanently provides water quality benefits such as groundwater infiltration and maintaining soil integrity. Planting the crop fields back to native vegetation will help hold soil in place while reducing water runoff, especially runoff from precipitation events that would have eroded soil and caused non-point source pollution. This property will be transferred to the Woodbury County Conservation Board.
Applicant	Iowa Natural Heritage Foundation
IUP Year and Quarter	FY 2020 Q2
Purchase Date	1/7/2019
Amount	\$1,610,000
Project Description	Purchase of 372 acre property along the North River in Warren County.
Water Quality Benefit	The Grossman property contains approximately 325 acres filter strips and pollinator habitat enrolled in the Conservation Reserve Program (CRP). The entire property falls within the North River floodplain and is prone to frequent flooding. The remaining croppable acres were planted to CRP, as well. The property has potential for more hydrologic restoration to prevent soil erosion and water runoff that carries non-point source pollution from crop fields. The permanent protection of the Grossman property will provide lasting water quality benefits to the North River floodplain by creating a more natural floodway with increased infiltration during high water events reducing soil loss and nutrient runoff. This property will be transferred to the Iowa DNR.
Applicant	Iowa Natural Heritage Foundation
IUP Year and Quarter	FY 2020 Q2
Purchase Date	8/29/2018
Amount	\$985,000
Project Description	Purchase of 704 acres along Squaw Creek in Warren County

Amount	\$2,300,000
Project Description	Purchase of 436 acres along the South Skunk River in Story County
Water Quality Benefit	The Longnecker property habitat is a mixture of Conservation Reserve Program (CRP) land, pasture, cropland and woodland. 1½ miles of the S. Skunk River run through the property, buffered on both sides by 70 acres in CRP wetland restoration in a floodplain (CRP practice CP-23). INHF will work with Natural Resources Conservation Service (NRCS) and Story CCB to develop a conservation and restoration plan for the Longnecker property. Story CCB will restore the remaining cropland to native vegetation and wetlands in addition to maintaining the CRP already in place. The South Skunk River watershed is a part of the USDA Regional Conservation Partnership Program (RCPP). The Midwest RCPP is a collaborative project being led by Iowa Department of Agriculture and Land Stewardship (IDALS), the Iowa Agriculture Water Alliance (IAWA), and the Midwest Agriculture Water Quality Partnership. The focus of this multi-year project is to increase the public-private collaboration to advance a science-based, non-regulatory approach to reducing nutrient loss and improving water quality through the adoption of conservation programs, including wetlands and conservation cover. Restoration of native vegetation and wetlands on the Longnecker property will advance the goal of the RCPP to improve water quality. The protection and restoration of native vegetation on this property will help to manage downstream flooding and reduce the amount of sediment and nutrients entering the South Skunk River. This property will be transferred to the Story County Conservation Board.
Applicant	Iowa Natural Heritage Foundation
IUP Year and Quarter	FY 2020 Q2
Purchase Date	12/14/2018
Amount	\$175,000
Project Description	Purchase of 55 acres along the South Skunk River in Story County

Water Quality Benefit	The Horbach property consists of 704 acres of mixed habitat property consisting of woodland, 190-acres of marginal cropland (Average CSR2 of 63.12 and over 85% poorly drained/somewhat poorly drained), two miles of Squaw Creek, and Conservation Reserve Program (CRP) land serving as a buffer for the creek. The additional protection and restoration of the remaining cropland to conservation practices and native perennial vegetation will reduce flooding downstream and reduce the amount of nutrients and sediment entering Squaw Creek. The Horbach property was acquired for \$2,650,000, or \$3,764 per acre, and there is a remaining balance of \$985,000 due to parcels that have already been transferred to the Iowa Department of Natural Resources. The remaining parcels will be transferred to the Iowa DNR.
Applicant	Iowa Natural Heritage Foundation
IUP Year and Quarter	FY 2020 Q2
Purchase Date	11/26/2018
Amount	\$687,000
Project Description	Purchase of 182 acres along the East Fork Des Moines River in Emmet County
Water Quality Benefit	The Hovick property is predominately grassland pasture with 74 acres of row-crop. The average corn suitability rating (CSR2) of the cropland is 66.4. Over a 0.5-mile stretch of the East Fork Des Moines River runs through the middle of the property. Directly upstream by 0.5 miles from the edge of the property is Tuttle Lake, a lake that forms part of the East Fork Des Moines River near its headwaters. The Hovick property provides a highly important and rare chance to protect the East Fork Des Moines River near its source as it crosses into Iowa from Minnesota. Permanent protection of the Hovick property will provide significant water quality benefits by maintaining grassland surrounding the East Fork Des Moines River near its headwaters. The majority of the pasture land falls in the floodplain of the East Fork Des Moines River. The pasture will be restored to remnant prairie and the cropland will be restored to native vegetation along with restoring wetlands in low lying areas of the property. Restoration of the property's cropland will reduce sediment, nitrogen, and phosphorus runoff from the Hovick tract. Additional native vegetation will also result in increased stormwater retention and infiltration which will help reduce flood risks and flash flooding downstream. This property will be transferred to the US Fish and Wildlife Service and managed by the DNR.
Applicant	Iowa Natural Heritage Foundation
IUP Year and Quarter	FY 2020 Q2
Purchase Date	11/20/2018

Water Quality Benefit

The Wicks property consists of 28 acres of row crop and 27 acres of woodland and river. This property is within the South Skunk River floodplain, experiencing consistent, significant flooding. The long-term goal of this project is to restore the property's row crop to native prairie and vegetation, improve the water quality along South Skunk River, and reduce flooding both on the property and downstream. Restoration of the Wicks property to native prairie and vegetation will put perennial roots in the ground, ultimately helping to reduce soil loss, nitrate, phosphorus, and other chemical runoff from cropland, due to flooding, increase holding time for water, and allow more water to infiltrate into the soil. The former landowners are excited about the restoration potential and did not want any development on the property, which is why they decided to sell to INHF and Story CCB.



FY 2020 INTENDED USE PLANS
Drinking Water State Revolving Fund

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I. STATE FISCAL YEAR 2020 PLAN OF ACTION

The plan is based on anticipated use of new and revolving funds available in the DWSRF for construction of treatment plants or improvements to existing facilities, water storage facilities, wells, and source water protection efforts.

The SFY 2020 Plan of Action covers the following areas:

- DWSRF goals and objectives
- Current and projected financial capacity of the DWSRF
- Financial management strategies
- Plan for the SFY 2020 project priority list
- Plan for use of DWSRF set-aside funds
- Plan for use of administrative accounts

DWSRF Goals and Objectives

The primary long-term goal of the Iowa DWSRF is to support the protection of public health through a perpetual program of financial assistance for the purposes of ensuring the provision of an adequate quantity of safe drinking water to consumers of public water supplies, protecting source water for drinking water systems, and ensuring the long-term viability of existing and proposed water systems.

The SFY 2020 short-term goals and objectives are as follows:

- Goal: Commit loan funds to as many recipients as possible in accordance with the state priority rating system, the IUP, staff resources, and available funding. *Objective: During SFY 2020, quarterly updates to the IUP will be prepared to add projects and update program financial information.*
- Goal: Ensure that borrowers are able to provide safe drinking water at a reasonable cost for the foreseeable future. *Objectives: During SFY 2020, viability assessments will be completed by each applicant and reviewed by SRF staff prior to signing of the loan agreement. Systems determined nonviable or systems with EPA's Enforcement Targeting Tool (ETT) scores above 11 will be provided with an enforceable compliance schedule listing all actions that must be completed to return the system to viable status. Extended term financing will be offered to disadvantaged communities. SRF staff will coordinate efforts with other funders such as the Community Development Block Grant program. We*

will continue to educate and inform public water supplies, engineering consultants, and financial advisors on the financing savings available by using the DWSRF.

- Goal: Require applicants to engage a registered Municipal Advisor (MA). *Objective: During SFY 2020, all applicants submitting an Intended Use Plan application must demonstrate that they have hired an MA to assist with cash flows, rate setting, debt service coverage, and other financial aspects of their water utility. The reports provided by the MAs will be used in the viability assessment review.*
- Goal: Implement the "Use of American Iron and Steel (AIS)" requirements enacted by Congress on January 17, 2014. *Objective: During SFY 2020, SRF staff will help applicants determine eligibility for the exemptions and waivers provided for in the Act and EPA guidance. SRF staff will provide information to those applicants required to comply on necessary documentation and inspection procedures. SRF will engage DNR Field Office staff to conduct site visits and provide technical assistance.*
- Goal: Apply additional subsidization available in FFY 2018 and FFY 2019 Capitalization Grant to disadvantaged community projects and public health projects. *Objective: During SFY 2020 SRF staff plans to approve plans and specifications and execute loans or loan amendments with loan forgiveness for the amounts required in the FFY 2018 and FFY 2019 Cap Grant.*
- Goal: Promote and identify sustainable practices in projects proposed for funding. *Objective: During SFY 2020 SRF staff will provide information on the EPA's Sustainability Policy to applicants and include sustainability features in project descriptions.*
- Goal: Comply with grant reporting conditions. *Objective: During SFY 2020, the Iowa SRF plans to enter data into the DWSRF National Information Management System (NIMS) and the DWSRF Projects & Benefits Reporting (PBR) system.*
- Goal: Comply with EPA guidance on reporting under the Federal Funding Accountability and Transparency Act (FFATA). *Objective: In the Annual Report, SRF staff will list loans that met the several requirements of FFATA for open Capitalization Grants. Grants may not be closed out until equivalency amounts can be reported.*
- Goal: Comply with the EPA Signage Guidance. *Objective: During SFY 2020 SRF staff and recipients will notify the public in the most effective ways possible about assistance agreements and benefits of the DWSRF program in order to enhance public awareness of EPA assistance agreements nationwide. The Iowa SRF program sends out press releases listing all SRF loans that have closed and borrower contact information.*

Additional long-term goals include:

- Goal: Prioritize the provision of funds, to the extent practicable, to projects that address the most serious risk to human health and are necessary to ensure compliance with the national primary drinking water standards. *Objectives: Priority will be assigned to projects that address human health risks or compliance issues by the provision of points assigned during the DWSRF scoring process as outlined in 567 IAC Chapter 44.*
- Goal: Apply program requirements that are simple and understandable and do not add unnecessary burdens to applicants or recipients. *Objectives: During SFY 2020 SRF staff will continue to assist*

applicants with completing the federal cross-cutting requirements for environmental and historical review. Staff will not be responsible for Davis-Bacon compliance but will advise borrowers as needed. Borrowers will be responsible for compliance and may hire outside consultants to assist.

- Goal: Continue the option of extended financing terms for DWSRF infrastructure projects. *Objective: During SFY 2020 this option will be offered to current and new projects on the project priority list. Applicants seeking extended financing must complete a worksheet outlining the anticipated life of the project components, which can be averaged to determine the extended term.*
- Goal: Maintain mechanisms for funding the on-going administration of the program if federal funding is reduced or eliminated. *Objective: During SFY 2020 initiation and servicing fees will be collected on DWSRF loans for deposit to administrative accounts. SRF staff will develop short and long-term plans for administrative budgets.*
- Goal: Manage the DWSRF to maximize its use and impact through sound financial management. *Objective: During SFY 2020 SRF staff and financial advisors will continue to conduct financial analysis and develop innovative approaches to financial management.*
- Goal: Implement programs that effectively address water system needs and target appropriate audiences. *Objective: During SFY 2020 SRF staff will continue to educate users and potential users about the program offerings through presentations, displays, program materials, and the IowaSRF.com website.*
- Goal: Update the DWSRF Operating Agreement. *Objective: In the future, SRF staff will work with EPA Region 7 to update the Drinking Water SRF Operating Agreement between DNR and EPA. The agreement has not been updated since 2007 and the EPA is evaluating the future use of Operating Agreements in Region 7 states.*

Current and Projected Financial Capacity of the DWSRF

Appendix A, the Estimated Sources and Uses table, shows that available funds are sufficient to fund current requests.

SRF staff has analyzed the future financial capacity of the DWSRF. Assuming continued Cap Grants, taking the full 31% set-asides and 26% loan forgiveness, and the same interest rates, it is projected that the DWSRF could loan an average of \$156 million per year over the next 10 years, or a total of \$1.56 billion. If we assume no additional Capitalization Grants but keep the same interest rates and the other assumptions, the DWSRF could loan an average of \$132 million per year over the next 10 years. Those amounts would increase if we were to increase our interest rate.

Financial Management Strategies

The DWSRF Project Priority List (attached) show total loan requests for water supply projects. Because many of these projects are in the planning phase, they are not expected to sign a binding loan commitment during this fiscal year. The projected timing and demand for loan draws is reflected in the sources and uses table (Appendix A).

Iowa will apply for the FFY 2019 Capitalization Grant. State match bonds are issued at the same time that leveraged bond issues are done for greater cost effectiveness. The last leveraged bond, issued in 2019, included the estimated state match for FFY 2019 Cap Grant.

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The cash draw procedure used is the direct loan method. State match is fully disbursed prior to drawing EPA Capitalization Grant funds. The EPA Capitalization Grant funds will be drawn at a 100% proportionality ratio. Iowa's bonds are cross-collateralized across both the Clean Water and Drinking Water SRF accounts.

SFY 2020 Project Priority List

The management of the DWSRF program, including development of a project priority list for financing assistance, was developed according to Part 567 of the Iowa Administrative Code (IAC), Chapter 44. This IUP indicates the intent to provide funds to projects ranked in priority order according to scoring criteria contained in Chapter 44 of the IAC.

In the event that projects identified for funding in the IUP do not attain readiness for a loan commitment by projected dates, these delayed projects may be bypassed. Other projects may be added to the project priority list to be funded based on the State's implementation rules for the DWSRF program (567 IAC 44). Applications that are in excess of available DWSRF assistance may be placed on Contingency status according to priority.

Projects will be funded as ranked on the project priority list. Adjustment to the list of fundable projects will be made, if necessary, to assure that at least 15% of the project funds are available to systems serving fewer than 10,000 persons as specified in Section 1452(a) (2) of the Act. Financing may be provided for up to 100% of project costs if the costs are eligible for funding based on engineering, environmental, and financial review and project readiness to proceed as described above.

Due to the project workload and for planning purposes, the DWSRF staff may evaluate projects that have been on the IUP list for more than three years. A notification will be sent to the applicants that their project may be dropped if there is no progress in the six months following the notice. If a project is dropped, the applicant may reapply when the project is ready to move ahead.

For program planning purposes, the fundable projects are further identified as "R – ready for loan" (indicating that the construction permit and environmental review have been completed), and "P – in planning."

The following categories of projects will be included for funding during SFY 2020:

Unfunded Prior Years' Projects. All projects from prior years that have not entered into a binding commitment are included in this IUP.

Segments of Previously Funded Projects. State rules provide that subsequent segments of a project which has previously received funding priority or assistance be placed on the project priority list with the original project score.

New Projects. New applications for assistance during SFY 2020 will be added to the project priority list. Applications will be accepted on a continuous basis and quarterly updates completed as needed.

Supplemental Financing. Supplemental financing for projects listed in previously approved IUPs are added to the IUP as they are requested unless the additional funds will be used for improvements that would significantly change the scope of the project. Additional environmental review may be required. Supplemental loans will not be provided for changes that would lower the original score of the project to a point where the application is no longer competitive or is ineligible for funding.

Planning and Design Loans. Requests for planning and design loans are listed on the project priority list but have not been assigned priority points.

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Source Water Protection Loans. All outstanding requests for source water protection loans have been satisfied and applications are no longer being taken. Source water loans are not eligible projects under the regular DWSRF loan program.

Capitalization Grant Requirements. The FFY 2016 - 2019 Capitalization Grants include congressional requirements for minimum and maximum percentages of the funds to be allocated for additional subsidization. Iowa will comply with these requirements. In the FFY 2019 Cap Grant, the Safe Drinking Water Act (SDWA) requires an additional 6% of Cap Grant dollars to be allocated for additional subsidization to Disadvantaged Communities (DAC).

The specific projects that have received add subs are listed in Appendix C, as well as new criteria for loan forgiveness eligibility. Additional projects identified for loan forgiveness to meet the FFY 2018 and FFY 2019 Capitalization Grant requirements will be listed on the DWSRF Project Priority List (Chart 1). Time limits may be established for loan commitments in order to apply loan forgiveness awards.

	Add Subs Rqd.	Add Subs Actual	%	DAC Rqd.	DAC Actual	%
2016	\$ 2,486,400	\$ 2,490,000	100%	N/A	N/A	N/A
2017	\$ 2,465,200	\$ 2,251,701	102%	N/A	N/A	N/A
2018	\$ 3,469,577	\$ 2,651,369	76%	N/A	N/A	N/A
2019	\$ 3,486,400	\$ 1,045,920	0%	\$ 1,045,920	\$	

II. INFORMATION ON THE DWSRF ACTIVITIES TO BE SUPPORTED

Allocation of Funds

Allocation of funds to eligible projects is based on a three-step process:

1. The amount of financial assistance needed for each application is estimated
2. The sources and spending limits for all DWSRF funds are identified
3. The DWSRF funds are allocated among the projects, consistent with the financial assistance needed

Information pertinent to each DWSRF project is contained in the attached Project Priority List.

Sources and Uses of Available DWSRF Funds

FFY 2019 Capitalization Grant was awarded in the amount of \$17,348,610. Appendix A to the Intended Use Plan illustrates potential sources and uses of funds in the DWSRF for SFY 2020. As shown, all pending loan requests and program administration needs can be funded. Projects will draw on their funding at different intervals based on their construction cycles. These differences are used to estimate cash needs throughout the year. Appendix A will be updated quarterly as needed to provide an ongoing view of the financial plan for meeting loan requests.

The Iowa DWSRF program uses its equity fund to originate loans. When the number of loans that have been made creates a need for additional funds, IFA issues bonds (annually or as needed), backed by those DWSRF loans, and uses the bond proceeds to replenish the equity fund. These bond issues include the state match for the next federal Capitalization Grants. On February 26, 2019, IFA issued \$258,005,000 of SRF bonds. Of that amount, \$9,208,600 was for Clean Water state match and \$7,667,200 was for Drinking Water state match and was deposited in the respective state match accounts on that date. The FY19 Clean Water cap

grant was matched with \$4,301,000 and the FY19 Drinking Water cap grant was matched with \$3,486,400. The remainder of the match funds will be used for the FY20 cap grants. After the bonds are issued, the state match is spent first so the Cap Grant can be drawn down at 100% when it is received. All state match funds have been disbursed to loan recipients.

DWSRF Loan Policies

Project Scope. The scope of the project must be outlined on the intended Use Plan application and in the preliminary engineering report. Changes to the scope are allowed prior to loan closing. Significant changes in scope may cause delays if additional work is required by the project manager or environmental review specialist. Once a loan is signed, only minor changes to the scope will be allowed and only if they do not require additional technical or environmental review.

Loan Interest Rates. The interest rate for DWSRF construction loans are shown in the table below:

Loan Term	Applicant Type	Interest Rate	Servicing Fee	Total	Additional Information
Standard (up to 20 years)	All	1.75%	0.25%	2.00%	
Extended (21 to 30 years based on useful life)	Disadvantaged	1.75%	0.25%	2.00%	Please see below, "Extended Financing and Disadvantaged Status," for an explanation.
Extended (21 to 30 years based on useful life)	All	2.75%	0.25%	3.00%	Please see below, "Extended Financing and Disadvantaged Status," for an explanation.

Interest rates for DWSRF planning and design loans will be 0% for up to three years.

Loan Fees: A 0.5% origination fee is charged on the full loan amount for new DWSRF construction loans and source water protection loans, with a maximum amount of \$100,000. No origination fees will be charged on planning and design loans. A .25% servicing fee will be charged on construction loans. Payment of the loan servicing fee is semi-annual with interest payments for all new SRF loans. Loan servicing fees are only charged on the principal amount disbursed during construction (not the entire original loan amount).

Maximum Financing. There is no maximum financing amount.

Project Readiness. Applicants cannot be offered assistance until they meet program requirements.

Funding Limitations. All program requests for disbursements from DWSRF projects can be met. These estimates are based on the projections that, for projects that have completed program requirements and are ready for funding, 70% of the loan amount will be disbursed this fiscal year. For projects that are currently in the planning phase but may be ready for funding during SFY 2020, it is projected that only 60% of total funds will be disbursed to the project this fiscal year.

Extended Financing and Disadvantaged Status. The Iowa SRF can provide extended terms for a loan to any borrower as long as the extended term does not terminate more than 30 years after project completion and

the loan term does not exceed the expected design life of the project. For borrowers designated as disadvantaged, the interest rate on extended term loans will be 1.75%. For non-disadvantaged borrowers, the interest rate will be 2.75%.

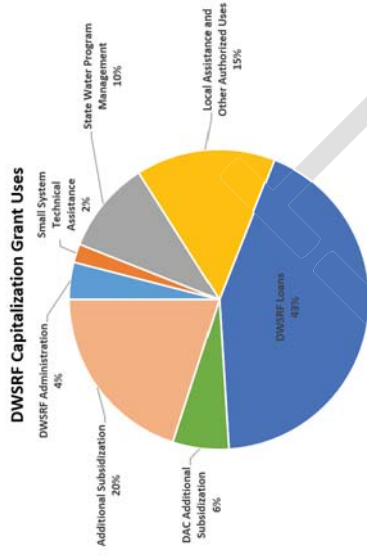
Extended term loans are limited to public water supply infrastructure improvements. Only those portions of a project that have a design life or life cycle exceeding 20 years are eligible for extended terms. The department will use the table of estimated useful lives from EPA's publication 816-R-03-016 to determine the length of the loan for eligible expenses. The consulting engineer for the project will be required to separate and itemize costs so that a weighted maturity may be calculated for loan repayment. The list of itemized costs and expected useful lives will be required prior to signing of the loan agreement.

The Safe Drinking Water Act defines a disadvantaged community as the service area of a public water system that meets affordability criteria established after public review and comment. Community public water systems serving populations that contain a majority (51 percent) of Low to Moderate Income (LMI) persons will be considered disadvantaged for the purpose of receiving the 1.75% interest rate on an extended term loan. This criterion does not apply to any other DWSRF assistance such as additional subsidization. Low to moderate income is defined as 80 percent of the median household income in the county or state (whichever is higher) using the most recent federal census or income survey data. Privately owned community public water systems will be considered eligible for disadvantaged community status if an income survey indicates that the service area meets the LMI criteria. Rural water systems will be considered eligible for disadvantaged community status if an income survey indicates that the area benefiting from the improvements meets the LMI criteria. Income surveys must be done according to the protocol specified by the Community Development Block Grant program.

Intended Use of Set-Asides

States are allowed to take or reserve set-aside amounts from each federal Capitalization Grant for a number of activities that enhance the technical, financial, and managerial capacity of public water systems and protect sources of drinking water. The use of the set-asides as well as the loan program is intended to carry out Iowa's goal of ensuring that the drinking water received by 92% of the population served by community water systems meets all applicable health-based drinking water standards through approaches including effective treatment and source water protection.

The amounts are subject to approval by EPA of program workplans. The DNR is following the SFY 2020 workplan. Iowa plans to take or reserve the allowed amount in each set-aside as shown in the chart.



DNR has two options for addressing the amounts available each year in set-asides. Set-aside funds may be reserved for future use (except for the Local Assistance and Other Authorized Uses set-aside), in which case they would be deducted from a future Capitalization Grant when they are ready to be taken. Funds that are taken from an available Capitalization Grant must be applied to planned work efforts approved by EPA.

In recent years, DNR has been using the set-asides and drawing upon reserved funds as needed to meet the needs for programs and efforts required by EPA that are critical for ensuring public health. Once the reserved amounts are expended, the amounts available for each set-aside will be limited to the percentage allowed out of each Capitalization Grant.

DWSRF Program Administration Set-Aside: Iowa intends to use this set-aside including loan administrative fees to pay the costs of administering the State Revolving Fund loan program. Among the uses for the set-aside are:

- Portfolio management, debt issuance, and financial, management, and legal consulting fees
- Loan underwriting
- Project review and prioritization
- Project management
- Environmental review services
- Technical assistance to borrowers
- Database development and implementation
- Program marketing and coordination
- Drinking Water Infrastructure Needs Survey

Unused commitments are reserved for use in future years as necessary.

Small System Technical Assistance Set-Aside: Iowa intends to use DWSRF funds equivalent to 2% of the federal Capitalization Grant funds to provide technical assistance to public water supplies (PWSs) serving populations of less than 10,000.

Funds from this set-aside will be used this year to provide support for the operator certification program
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including the administration and proctoring of examinations in all six regions of the state, and to provide training for new Grade A water system operators and continuing education for existing Grade A water system operators. Grade A is the certification grade for the smallest public water supply systems, with only disinfection treatment.

Unused commitments are reserved for use in future years for DNR staff and other purposes as necessary.

State Program Support Set-Aside. The primary uses of this set-aside are to assist with the administration of the Public Water Supply Supervision program, to review engineering documents for non-DWSRF construction projects, to provide wasteload allocations at public water systems with loans, and to evaluate disinfection contact time determinations, approve corrosion control strategies, and make influenced groundwater determinations.

Other uses include:

- Updating the SDWIS database including support systems and provide compliance determinations and information technology database support
- Adopting rules and revisions to the Iowa Administrative Code

Starting with the FFY 2017 Capitalization Grant, as amended through the Water Infrastructure Improvements for the Nation Act of 2016, a 50% state match for the State Program Support Set Aside is no longer required. Unused commitments are reserved for use in future years for DNR staff and other purposes as needed.

Other Authorized Activities Set-Aside. The two primary uses of this set-aside are capacity development and source water protection (SWP).

Funds are budgeted for efforts related to developing technical, managerial, and financial capacity for Iowa's public water supplies, including:

- Completion of sanitary surveys with the eight elements and providing direct capacity development technical assistance
- Training of inspectors in comprehensive performance evaluation protocols
- Provision of technical assistance related to capacity development through the area wide optimization program (AWOP)
- Contracts with five counties to complete sanitary surveys and conduct annual visits at transient non-community public water supply systems
- System-specific capacity development assistance by contractor, including promotion of asset management planning

The SWP activities include the following:

- Coordination and administration of the Source Water Protection program
- Contracts for services to develop SWP plans and review implementation of Best Management Practices
- Development of data for Phase 1 SWP assessments for all new systems and new wells at existing public water supply systems
- Technical assistance for well siting
- Maintenance of the *Source Water Mapper and Tracker* online database

Plan for Use of Administrative Accounts

There are three distinct funding sources for DWSRF administrative expenses:

- The DWSRF administrative set-aside. Four percent of the cumulative amount of federal Capitalization Grants received may be used for program administration as discussed in the set-aside section above.
- Loan initiation fees. A 0.5% loan origination fee is charged on new DWSRF loans.
- Loan servicing fees. A fee of 0.25% on principal is charged on DWSRF loans.

The U.S. EPA issued fee guidance in March 2017 with a matrix showing the relationship between how fees are assessed and for what purposes they can be used. The following table shows how Iowa's fee policies comply with the guidance:

EPA Fee Category	Allowable Uses	Iowa DWSRF Fee Policy	Iowa DWSRF Fee Usage
Fees not included as principal and deposited into the Fund	Authorized uses of the Fund	N/A	N/A
Fees not included as principal and deposited outside the Fund	1) Fund administration 2) All other Capitalization Grant purposes under SDWA 1452 3) State match for the Capitalization Grant	Iowa charges a 0.25% servicing fee annually on outstanding principal. The funds are deposited outside the Fund.	Iowa uses servicing fees collected during the time the Capitalization Grant is open for administration of the DWSRF program. Servicing fee receipts collected after the Cap Grant is closed are used for other purposes under SDWA 1452.
Fees included as principal and deposited outside the Fund	1) Fund administration 2) All other Capitalization Grant purposes under SDWA 1452 3) Cannot be used for the state match for the Capitalization Grant	Iowa charges a 0.5% initiation fee on all new loans which is included in loan principal. The fees are deposited outside the Fund.	Iowa uses initiation fee receipts for administration of the DWSRF program.
Fees included as principal and deposited into the Fund	Authorized uses of the Fund	N/A	N/A

Fees Included as Principal. As of April 2019, there was approximately \$5.2 million in the fee account from fees included as principal and deposited outside the fund (the initiation fee). A portion of these funds will be used in SFY 2020 for program administration, and the remainder will be reserved for future administrative expenses.

Fees Not Included as Principal. As of April 2019, there was \$8.6 million available from fees not included as principal and deposited outside the fund (servicing fee). A portion of these funds may be used in SFY 2020 to fund some of the activities completed under the State Program Management set-aside.

Priority of Communities and Financial Assistance Needed

Iowa law provides only for loan assistance. Additional subsidization required by the FFY 2018-2019 Capitalization Grants will be through forgivable loans. The state's DWSRF rules identify the priority rating system used to establish priorities for financial assistance.

Projects are considered eligible for financial assistance for all planning and project costs providing the project is on the project list of an approved IUP.

Allocation of Funds among Projects

All projects listed in the Project Priority List are eligible for assistance and may be funded from the DWSRF subject to available funds.

All projects scheduled for funding with Iowa's DWSRF will be reviewed for consistency with the Safe Drinking Water Act, as amended. Should a project fail to meet this review criterion, it may be bypassed or deleted from the funding list. Projects may be added to the Project Priority List in priority order as applications are received.

V. METHOD OF AMENDMENT OF THE INTENDED USE PLAN

The State will follow this IUP in administering DWSRF funds in SFY 2020. Federal and state law requires, and Iowa welcomes, opportunity for public participation in the development of the IUP. Any revisions of the goals, policies and method of distribution of funds must be addressed by a revision of the IUP, including public participation. Minor adjustments in funding schedules, loan amounts, and use of bypass provisions including funding of projects on the contingency list are allowed by the procedures of this IUP and state rules for administration of the DWSRF without public notification. Adjustments to the Project Priority List to utilize actual funds available to the DWSRF for SFY 2020 will be considered minor and only affected applicants will be notified. Public notice of amendments will be made if municipalities are added to or removed from the Project Priority List.

VI. PUBLIC REVIEW AND COMMENT

A public meeting to allow input to Iowa's SFY 2020 IUP and Project Priority List was held May 9, 2019, 10:00 a.m., at the Wallace State Office Building, Conference Room 4W, 502 E. 9th Street, Des Moines. This meeting was announced in a notice provided to stakeholder organizations representing city officials, consulting engineers, county governments, councils of government, area planning agencies, and other groups which might have an interest. There were no attendees. The public comment period was open until May 16, 2019. There were no written comments.

A public meeting to allow input to Iowa's SFY 2020 Q2 IUP and Project Priority List was held August 8, 2019, 10:00 a.m., at the Wallace State Office Building, Conference Room 5E, 502 E. 9th Street, Des Moines. This meeting was announced in a notice provided to stakeholder organizations representing city officials, consulting engineers, county governments, councils of government, area planning agencies, and other groups which might have an interest. There was one attendee but no comments were taken for the record. The public comment period was open until August 15, 2019. Written comments were received by the EPA and IFA and have been incorporated into this update.

[A public meeting to allow input to Iowa's SFY 2020 Q2 IUP and Project Priority List was held November 14, 2019, 10:00 a.m., at the Wallace State Office Building, Conference Room 5E, 502 E. 9th Street, Des Moines. This meeting was announced in a notice provided to stakeholder organizations representing city officials, consulting](#)

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SEE Salary Funds Deducted from Cap Grant

The Iowa DNR may request U.S. EPA to deduct funds from FFY 2019 Capitalization Grants which could be included in Iowa's next grant applications to EPA after receiving notification of availability of the funds. These positions could be filled by EPA Region 7 and assigned to the DNR's Water Supply engineering section to provide administrative assistance to the DWSRF projects and program. The SEE enrollees could help provide staffing at Iowa DNR to maintain the DWSRF program and keep up with the increasing DWSRF project administrative work load. Authorized under the Environmental Programs Assistance Act of 1984 (PL 98- 313), the SEE program is intended "to utilize the talents of older Americans in programs authorized by other provisions of law administered by the Administrator in providing technical assistance to Federal, State, and local environmental agencies for projects of pollution prevention, abatement, and control."

Plan for Efficient and Timely Use of DWSRF Funds

In recent years, the processes of the DWSRF have been streamlined, and the marketing and education enhanced. These improvements have resulted in more efficient and timely use of the DWSRF and full utilization of available funds. In particular, Iowa applies for and draws federal Capitalization Grants as expeditiously as possible. Iowa's DWSRF disbursements averaged \$4 million per month over the last 5 years. During the first 404 months of SFY 2019-20, the monthly disbursement averaged \$3-5 million.

Rather than doing one annual funding solicitation, with a discrete set of projects identified for funding that year, the Iowa SRF does quarterly updates to its Intended Use Plan. This creates a continuous pipeline of projects at different stages of readiness. Communities determine when they need their funding; the program does not set deadlines on loan execution as long as projects are making progress toward a loan.

With a return of \$2.95 for every dollar of federal investment (compared to the national average of \$1.95), Iowa's DWSRF is an efficient and effective delivery mechanism for water infrastructure funding.

DWSRF set-asides are typically fully utilized within a two-year planning and budgeting period. Iowa draws grant funds on a first-in, first-out basis in order to close out the Capitalization Grants. Due to increased water program budget needs and reduced funding from other sources, Iowa is spending reserved set-aside capacity at a faster rate than in the early years of the DWSRF program.

III. ASSURANCES AND SPECIFIC PROPOSALS

Iowa will provide the necessary assurances and certifications according to the Operating Agreement between the State of Iowa and the U.S. EPA.

IV. CRITERIA AND METHOD FOR DISTRIBUTION OF FUNDS

The following approach was used to develop Iowa's proposed distribution of DWSRF funds: (1) analysis of the priority of communities applying and financial assistance needed; (2) identification of the sources and spending limits of available funds; (3) allocation of funds among projects; (4) development of a payment schedule which will provide for making timely binding commitments to the projects selected for DWSRF assistance; and (5) development of a disbursement schedule to pay the project costs as incurred.

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engineers, county governments, councils of government, area planning agencies, and other groups which might have an interest. There was one attendee but no comments were taken for the record. The public comment period was open until November 21, 2019. There were no written comments.

VII. PROJECT PRIORITY LIST

The DWSRF Project Priority List is included in a separate, sortable Excel file.

APPENDIX A

**Iowa DWSRF State Fiscal Year 2020 Q3
Estimated Funding Sources and Funding Uses
As of 10/28/19**

Funding Sources for Loans	
Funds Available in Equity Fund, Bond Proceeds and Program Accounts	\$119,196,000 *
FFY 2019 Capitalization Grant	\$8,637,000 *
State Match Bond Proceeds for FFY 2019/20 Capitalization Grants	\$0
Issuance of Leveraged Bonds (Next Bond Issue Expected SFY 2021)	\$0
Equity Fund and Program Interest Earnings	\$270,000
Loan Repayments	\$45,522,000
Total Funding Sources for Loans	\$173,625,000
Funding Uses for Loans	
Undisbursed Amounts Committed to Existing Loans (70% disbursement rate)	\$57,129,000
Project Requests (FNSI/CX issued; 65% disbursement rate)	\$43,757,000
Project Requests (FNSI/CX not issued; 60% disbursement rate)	\$40,421,000
Planning & Design Requests (50% disbursement rate)	\$1,376,000
Principal Payments on Outstanding Bonds	\$17,065,000
Interest Payments on Outstanding Bonds	\$13,877,000
Total Funding Uses for Loans	\$173,625,000

* Funds Available for disbursements as of 10/28/19

** Loan disbursement rates are estimated based on previous experience with project pace. For projects that currently have not had a Finding of No Significant Impact or Categorical Exclusion issued, it is expected that up to 60% of the total project amounts may be disbursed during SFY 2020 once environmental review is completed, construction permit issued, and binding loan commitment signed. For those projects with FNSI/CX clearance, the disbursement rate is estimated at 65% of the loan request amount.

All amounts rounded to the nearest \$1,000

Funding Sources for Set Asides (Includes FFY 2019 & previous Cap Grants)

Administration	\$1,217,000
Small Systems Technical Assistance	\$373,000
State Program	\$2,707,000
Other Authorized Activities	\$3,259,000
Total Funding Sources for Set-Asides	\$7,556,000
Funding Uses for Set Asides	
Administration	\$1,217,000
Small Systems Technical Assistance	\$373,000
State Program	\$2,707,000
Other Authorized Activities	\$3,259,000
Total Uses for Set Asides	\$7,556,000

**APPENDIX B
PROCEDURES TO DETERMINE PROJECT PRIORITY LIST**

Project rankings were determined by the following procedures:

- Eligibility of applications were determined by needs criteria identified in IAC 567—44.7(8). In general, most water source, treatment and distribution system improvements are considered eligible.
- Project applications received during the SFY 2019 application period were considered for funding in SFY 2019; if not funded by the end of SFY 2019, these projects will be moved to the SFY 2020 project priority list.
- The priority ranking is a total score developed using the scoring criteria listed in IAC 567—44.7(8). Points may be gained in each of five categories: Water Quality and Human Health Risk-Related Criteria (60 point maximum), Infrastructure and Engineering-Related Improvement Criteria (35 point maximum), Affordability Criteria (10 point maximum), Special Category Improvements (15 point maximum), and Iowa DNR Adjustment Factor for Population (10 points). The combined score provides a numerical measure to rank each project within its pool. A project with a larger number receives higher priority.
- The final project priority list for a fiscal year's project pool is compiled in the following manner: Subsequent segments of projects funded by DWSRF loan programs of previous years will retain their original score and be added to the list of the current year's applications.
- Loan-eligible projects submitted will be placed on the IUP each calendar quarter. If the project is anticipated to proceed during SFY 2020, the project will be added to the project priority list and the list will be made available for public comment at the end of each calendar quarter in which one or more projects are added to the list.
- Projects on the project priority list will be moved to contingency status if the total amount of needs exceeds the year's DWSRF staff resources capability and loan funding. Projects will be funded from the top down in the ranking order of the project priority list with consideration given to readiness to proceed. Projects are ranked similarly in the contingency project list. Projects on contingency status can be moved to the funding list when funds are available or when the project is ready to proceed. Funds can be made available due to a number of reasons including project bypasses, loan application withdrawal of other projects, reduction in loan amount requests, or an increase in available funds.

**APPENDIX C
BORROWERS RECEIVING ADDITIONAL SUBSIDIZATION OR COUNTED FOR GREEN PROJECT RESERVE**

Loan forgiveness in the DWSRF program has been provided for four categories of projects through FY 2018 Cap Grant:

- Public Health (PH)
- Green Projects (G)
- Disadvantaged Communities (D)
- Emergency Power Generation (EP)

Beginning in FY 2019 Cap Grant, loan forgiveness will be offered only to the Public Health (PH) category. If selected, eligible projects addressing imminent health issues will receive up to 50% loan forgiveness and up to an additional 25% will be offered to those public health projects that choose the option of hooking onto another viable public water supply system to address their imminent public health issue.

The FY 2019 Cap Grant also requires that an additional 6% of the state's allocation be used to provide loan forgiveness to Disadvantaged Communities (DAC).

Construction must begin within 24 months of the ~~ERC approval of the applicable~~ loan forgiveness offer or the loan forgiveness offer will be withdrawn. Extensions may be granted at the discretion of the SRF Program Coordinators.

Type	Project	Loan Amount	Amount Green Project Reserve	Amount Additional Subsidization	DAC Additional Subsidization	Grant Year Reported
PH	Amana	5,400,000		2,490,000		2016
PH	Amana	5,400,000		1,301,691		2017
G	Sabula	550,000	550,000	101,460		2017
PH	Lacina Meadows	945,000		708,750		2017
EP	Osceola RW	3,719,000		64,800		2017
EP	Oelwein	1,462,000		75,000		2017
PH	Bellevue	2,200,000		1,650,000		2018
PH	Gallery Acres	1,184,000		888,000		2018
EP	Lyon-Sioux RWS Rock Rapids	90,163		67,622		2018
G	Cushing	61,100	18,330	18,330		2018
EP	Cushing	36,555		27,416		2018

**Iowa Department of Natural Resources
Environmental Protection Commission**

ITEM**10****INFORMATION****TOPIC**

**Environmental Management System Program Fiscal Year 2019
Annual Report**

The Department of Natural Resources is providing the Commission the Environmental Management System (EMS) Program Fiscal Year 2019 Annual Report submitted in accordance with Iowa Code section 455J.7(4) which reads: “The department shall prepare an annual report citing the results and costs of the program for submittal to the commission by January 1, 2018, and by January 1 each year thereafter.”

The EMS program has thirteen (13) Tier 2 participants that are each currently carrying out at least six (6) goals, one or more goal in each of the “component areas” noted on the report. They set measurable targets, documenting data and results. Projects vary from twelve months to over two years. There is also one Tier 1 that is undergoing training and is in the process of setting goals. Participants undergo annual participant internal and third-party EMS audits to help ensure that continuous improvement is on-going. Annual reports are submitted to the department each September 1.

December 17, 2019

Leslie Bullock Goldsmith, Program Planner
Financial and Business Assistance, Land Quality Bureau
Environmental Services Division

ENVIRONMENTAL MANAGEMENT SYSTEM

DNR ANNUAL REPORT
FISCAL YEAR 2019

www.iowadnr.gov/swems

502 E. Ninth St. Des Moines, IA 50319 | 515-725-8200

The Iowa Department of Natural Resources (DNR) Environmental Management System (EMS) program provides an opportunity for solid waste planning areas and permitted facility service areas to employ a framework of responsible environmental management initiatives while promoting environmental stewardship and continuous improvement.

In 31 counties, 14 program participants operate across 346 cities, impacting more than 1.6 million Iowans. Each is required to submit an annual report and undergo an internal and external audit. EMS grant funding provides participants opportunities to leverage local funding with grant dollars to pursue EMS-driven objectives with measured targets. In fiscal year 2019, participants supplied 51 percent in cash match for 15 projects, bringing the total project value to \$753,750.

EMS GRANTS CREATE SUCCESS STORIES

A look at a couple of local successes created through DNR EMS grant funding.

The Iowa City Landfill and Recycling Center received EMS grant funding to improve organic material delivery and storage at their facility.

Funds helped repair the surface of the organic material storage area, and a newly purchased high dump roll-out extension bucket for the end loader improves staff ability to load wood chips for customers. The bucket also assists with glass and tire

recycling, saving an estimated \$600 per truckload, or \$7,800 in one year.

Metro Waste Authority in Polk County diverted 154 tons of cardboard (as of June 2019) from the landfill, thanks to the purchase of a skid loader supplemented with EMS grant funding.

The skid loader allows staff to sort cardboard from solid waste delivered to the

Metro Northwest Transfer Station.

The cardboard then heads to a recycling baler at the site and is marketed to plants that might make it into things like cereal boxes, paperboard, paper towels, or even new cardboard.

Pulling cardboard from waste also reduces greenhouse gas emissions by cutting the number of trailer trips to the landfill.



EMS COMPONENTS

Iowa's EMS program promotes six areas of emphasis, called *components*.

- Organics waste management
- Household hazardous materials collection
- Water quality improvement
- Greenhouse gas reduction
- Recycling services
- Environmental education



EMS PROGRAM COSTS

Third-party external auditor	\$24,990
Technical support and assistance, workshops	\$46,028
Grant funding	\$369,936
TOTAL	\$440,954

FISCAL YEAR 2019 GRANT FUNDING

Funding request	\$369,936
Local cash match	\$383,814
TOTAL	\$753,750



Iowa's Solid Waste Environmental Management System (EMS) Program

Since the early 1990's Iowa has utilized a [Comprehensive Planning](#) system of solid waste planning. Realizing the limitations of only measuring success through landfill diversion, stakeholders, legislators and DNR worked together to offer an alternative.

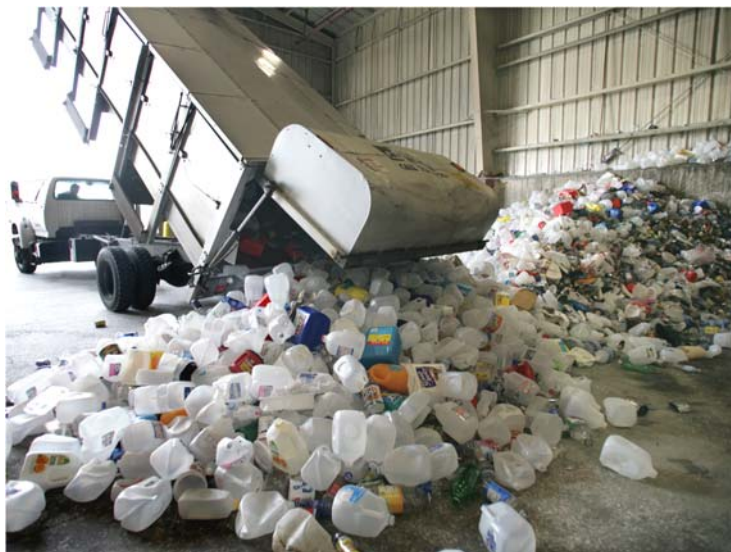
In 2008, Iowa legislators approved a voluntary alternative program for solid waste planning areas and permitted facility service areas. It is called the Iowa Solid Waste Environmental Management System (EMS) program (Iowa Code 455J). EMS encourages responsible environmental management while promoting environmental stewardship and continuous improvement. Iowa's EMS program promotes six areas of emphasis, called Component Areas.

6 EMS Component Areas

- Organics waste management
- Household hazardous materials collection
- Water quality improvement
- Greenhouse gas reduction
- Recycling services
- Environmental education

Iowa's 44 solid waste planning areas and additional sub-units called permitted facility service areas are eligible to apply to be designated as Environmental Management Systems. Applications are accepted each year by the Department of Natural Resources (DNR).

Paw Patrol character "Rocky the Recycler" is a great addition to Great River Regional Waste Authority Environmental Education



The Waste Commission of Scott County used EMS grant funds to help purchase a state-of-the-art optical sorter to help keep the facility operating at the highest level

10 EMS Elements provide the framework

- Environmental Policy Statement
- Environmental Aspects and Impacts
- Legal and other requirements
- Objectives and Targets
- Action Plan
- Identify Roles and Responsibilities
- Communication/Training/Awareness
- Monitoring and Measurement
- Assessment
- Reevaluation and modification



Approved applicants are recommended to the Environmental Protection Commission for designation as Environmental

TAKE CHARGE

WATT TO DO WITH BATTERIES

Rechargeable batteries need special handling once they cannot be recharged as they contain dangerous chemicals and toxins. DNR partnered with EMS participants to develop electronic and print media for use by all household hazardous materials facilities in campaigns to educate Iowans about proper battery management.

Management Systems. When approved, they are considered "Tier 1". Presently there are 14 EMS program participants impacting 31 counties and over 50% of Iowa's population.

Tier 1 program participants receive 16 months of specialized training on the ten "elements" of Iowa's Solid Waste EMS. They are matched with an established Tier 2 "mentor" to help guide them through implementation of this type of system. All program participants take part in twice a year EMS workshops—with training on management, EMS refreshers, and personal and facility improvement topics. Participants support each other by sharing "Successes and Struggles".

Locally set goals in the six Component Areas are a focus of the program. Participants set Targets with Action Plans to achieve Targets, tracking progress using metrics. The EMS program encourages partnerships and innovation. EMS now has a track record of ten plus years documenting successes and evaluating setbacks.

EMS program participants are eligible for a number of benefits including grant funding, a potential for reduced tonnage fees, group workshops, and access to a specialized assistance. EMS program participants agree, EMS program benefits go beyond those stated. They have reported an improved environmental performance, an increase in employee satisfaction, reduced insurance costs and note better training and record documentation, to name a few.

EMS program participants submit Annual Reports with information about framework, processes and most importantly accomplishments towards environmental goals. DNR staff reviews reports to assure compliance and to provide helpful comments to the participants.

The Marshall County SWMC was designated an EMS in April 2019

EMS Participants Fiscal Year 2020

www.iowadnr.gov/swems

Name
Cedar Rapids-Linn County Landfill Service Area
Dubuque Metropolitan Area Solid Waste Agency
Great River Regional Waste Authority
Iowa City Landfill & Recycling Center
Iowa County Regional Environmental Improvement Commission
Landfill of North Iowa
Marshall County Solid Waste Management Commission

Name
Metro Waste Authority
Northern Plains Regional Planning Area
Ottumwa/Wapello County Solid Waste Commission
Rathbun Area Solid Waste Management Commission
South Central Iowa Solid Waste Agency
Waste Commission of Scott County
West Central Iowa Solid Waste Management Association