

**MINUTES OF THE  
ENVIRONMENTAL PROTECTION COMMISSION  
MEETING**

**March 16, 2021**

**Video and Teleconference**

**Approved by the Commission April 20, 2021**

RECORD COPY

File Name Admin 01-05

Sender's Initials jzs

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**Meeting Minutes**

**CALL TO ORDER**

The meeting of the Environmental Protection Commission (Commission or EPC) was called to order by Chairperson Ralph Lents at 9:30 a.m. on March 16, 2021, via video and teleconference. A verbal roll call was conducted for Commissioners, DNR staff, and members of the public. Jerah Sheets, Board Administrator, provided a tutorial of the Google Meet features.

**COMMISSIONERS PRESENT**

- Rebecca Dostal
- Stephanie Dykshorn
- Amy Echard
- Lisa Gochenour
- Howard Hill
- Harold Hommes
- Ralph Lents
- Bob Sinclair

**COMMISSIONERS ABSENT**

- Rebecca Guinn

Tamara McIntosh, DNR General Counsel, stated that the Commission is hosting this meeting via teleconference consistent with Iowa Code section 21.8, which authorizes electronic meetings when meeting in person is impossible or impractical. The impractical standard was satisfied due to COVID-19-based medical directives to physically distance.

**OFFICIAL MEETINGS OPEN TO PUBLIC (OPEN MEETINGS), § 21.8**

Electronic meetings. 1. A governmental body may conduct a meeting by electronic means only in circumstances where such a meeting in person is impossible or impractical and only if the governmental body complies with all of the following: a. The governmental body provides public access to the conversation of the meeting to the extent reasonably possible. b. The governmental body complies with section 21.4. For the purpose of this paragraph, the place of the meeting is the place from which the communication originates or where public access is provided to the conversation. c. Minutes are kept of the meeting. The minutes shall include a statement explaining why a meeting in person was impossible or impractical. 2. A meeting conducted in compliance with this section shall not be considered in violation of this chapter. 3. A meeting by electronic means may be conducted without complying with paragraph "a" of subsection 1 if conducted in accordance with all of the requirements for a closed session contained in section 21.5.

**APPROVAL OF AGENDA**

*Motion was made by Amy Echard to approve the agenda as presented. Seconded by Bob Sinclair. The Chairperson asked for the Commissioners to approve the agenda by saying aye. There were no nay votes. Motion passes.*

**AGENDA APPROVED AS PRESENTED**

**APPROVAL OF MINUTES**

*Motion was made by Lisa Gochenour to approve the February 16, 2021, EPC minutes as presented. Seconded by Harold Hommes.  
Bob Sinclair-aye, Lisa Gochenour-aye, Howard Hill-aye, Rebecca Guinn-absent, Stephanie Dykshorn-aye, Amy Echard-aye, Harold Hommes-aye, Rebecca Dostal-aye, and Ralph Lents-aye.  
Motion passes.*

**APPROVED AS PRESENTED**

**MONTHLY REPORTS**

- Division Administrator Ed Tormey informed the Commission he would be attending the Environmental Council of the States’ national virtual meeting and summarized a few of the major speakers and topics.
- The monthly reports have been posted on the DNR’s website under the appropriate meeting month: <http://www.iowadnr.gov/About-DNR/Boards-Commissions>

**INFORMATION**

**DIRECTOR’S REMARKS**

- Director Kayla Lyon summarized for the Commission some of the Environmental Services Division’s (ESD) successes from the past year while teleworking. Performance measures are continually reviewed and adjusted to remain effective. The agency continues to evaluate each facility’s ability to safely accommodate returning staff and customers. The legislative session has bottle deposit bills being reviewed.

**INFORMATION**

**CLEAN WATER AND DRINKING WATER STATE REVOLVING LOAN FUND (SRF)– FY 2021 INTENDED USE PLAN FOURTH QUARTER UPDATE**

Theresa Enright presented the fourth quarter of the SRF’s Intended Use Plan and explained the respective programs for loan forgiveness and disadvantaged communities.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Bob Sinclair to approve the agenda item as presented. Seconded by Stephanie Dykshorn.  
Bob Sinclair-aye, Lisa Gochenour-aye, Howard Hill-aye, Rebecca Guinn-absent, Stephanie Dykshorn-aye, Amy Echard-aye, Harold Hommes-aye, Rebecca Dostal-aye, and Ralph Lents-aye.  
Motion passes.*

**APPROVED AS PRESENTED**

**SOLID WASTE ALTERNATIVES PROGRAM – CONTRACT RECOMMENDATIONS**

Tom Anderson presented contract recommendations for the Solid Waste Alternatives Program and explained the repayment timeline based on the project and value of the loan.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Harold Hommes to approve the agenda item as presented. Seconded by Amy Echard.*

*Bob Sinclair-aye, Lisa Gochenour-aye, Howard Hill-aye, Rebecca Guinn-absent, Stephanie Dykshorn-aye, Amy Echard-aye, Harold Hommes-aye, Rebecca Dostal-aye, and Ralph Lents-aye.  
Motion passes.*

**APPROVED AS PRESENTED**

**CONTRACT WITH THE UNIVERSITY OF IOWA - SHL - LAKES**

Roger Bruner presented a contract with The University of Iowa. Due to Covid-19, only 17 of the 25 lakes were monitored in 2020. Of the listed lakes, a core group are monitored every year and another set of lakes are monitored on a rotating schedule.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Bob Sinclair to approve the agenda item as presented. Seconded by Stephanie Dykshorn.  
Bob Sinclair-aye, Lisa Gochenour-aye, Howard Hill-aye, Rebecca Guinn-absent, Stephanie Dykshorn-aye, Amy Echard-aye, Harold Hommes-aye, Rebecca Dostal-aye, and Ralph Lents-aye.  
Motion passes.*

**APPROVED AS PRESENTED**

**MEMORANDUM OF UNDERSTANDING WITH IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES (DAS)**

Steve Konrady presented a contract to implement watershed best practices. Additional examples of best practices from DAS were provided. Commissioners commended the DNR for demonstrating contributions from all applicants on this project.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Lisa Gochenour to approve the agenda item as presented. Seconded by Harold Hommes.  
Bob Sinclair-aye, Lisa Gochenour-aye, Howard Hill-aye, Rebecca Guinn-absent, Stephanie Dykshorn-aye, Amy Echard-aye, Harold Hommes-aye, Rebecca Dostal-aye, and Ralph Lents-aye.  
Motion passes.*

**APPROVED AS PRESENTED**

**AIR QUALITY – FISCAL YEAR 2022 DRAFT BUDGET REVIEW**

Wendy Walker presented an informational item on the Air Quality budget. Catharine Fitzsimmons, Bureau Chief, provided historical and projected revenue and expense examples, along with how the indirect rate compares with other government entities. There is no change to the fees so the Air Quality budget will not be brought back to the Commission for a decision. Commissioners expressed positive stories of the service the Air Quality team provides to their customers.

**Public Comments – None**

**Written Comments – None**

**INFORMATION**

Rebecca Dostal left for the remainder of the meeting.

**PFAS INFORMATIONAL PRESENTATION**

Roger Bruner provided a presentation summarizing per- and polyfluoroalkyl substances (PFAS) uses over the past 80 years, including an overview of more recent research on long-term exposure that resulted in health advisories. The DNR’s PFAS action plan addresses PFOA and PFOS in drinking water and provides a timeline of actions for the remainder of the year. EPA currently has two certified methods for analytical testing of PFAS in drinking water. There is technology to remove the compound from drinking water. In comparison to other parts of the nation, Iowa doesn't have industries that produce or use these compounds in similar quantities. Through the action plan’s scheduled sampling of drinking water at Iowa’s public water supplies, the state will know more to determine Iowa’s risk.

**Public Comments – None**

**Written Comments – None**

**INFORMATION**

**ANTIDegradation INFORMATIONAL PRESENTATION**

Katie Greenstein provided a presentation on the antidegradation policy and methods. This included defining water quality standards of designated uses and numeric and narrative criteria. States have the responsibility to certify whether a federal project meets the state’s water quality standards. The review process includes social and economic importance. Examples of recent state 401 water quality certification approvals were provided to the Commission.

**Public Comments – None**

**Written Comments – None**

**INFORMATION**

**GENERAL DISCUSSION**

- Jerah Sheets provided logistic details and travel reimbursement reminders for the upcoming EPC educational tours and business meetings.
- Commissioners were reminded of the Personal Financial Disclosure Reporting deadline.

**ADJOURN**

Chairperson Lents thanked the Commission and DNR for their efforts. The Chairperson adjourned the Environmental Protection Commission video and teleconference meeting at 12:30 pm on March 16, 2021.

*Motion was made by Bob Sinclair to adjourn. Seconded by Harold Hommes. The Chairperson asked for the Commissioners to approve the agenda by saying aye. There were no nay votes.  
Motion passes.*

**ADJOURNED**



# IOWA DEPARTMENT OF NATURAL RESOURCES

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LEADING IOWANS IN CARING FOR OUR NATURAL RESOURCES

## Per and Poly Fluoroalky Substances

Roger Bruner |

Water Quality Bureau

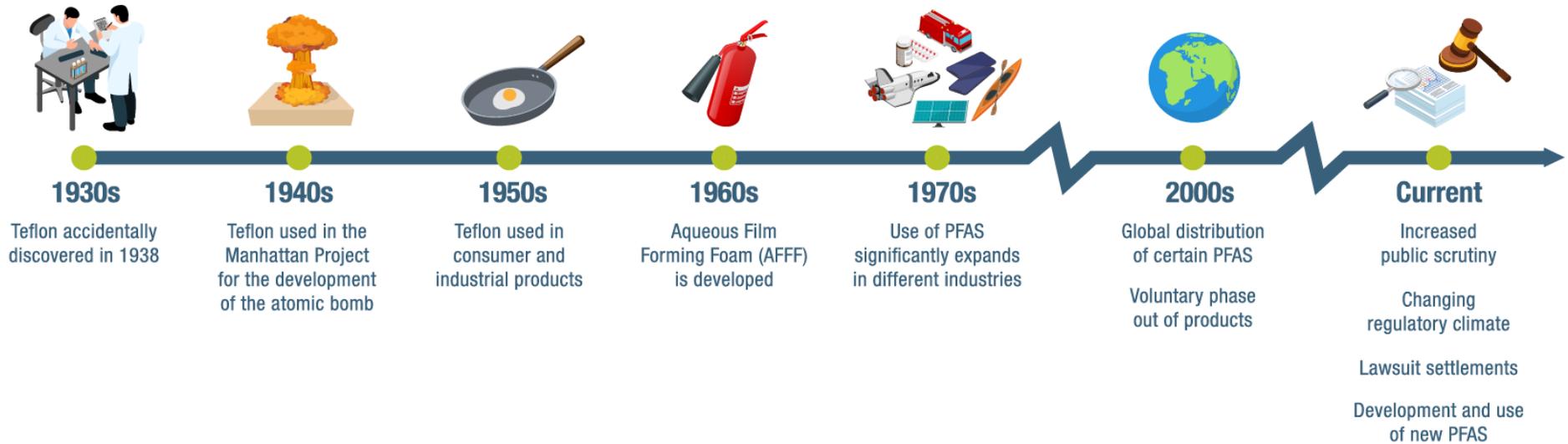
[roger.bruner@dnr.iowa.gov](mailto:roger.bruner@dnr.iowa.gov) 515-310-0247

# Where does PFAS come from?

- PFAS Chemicals are man-made and used in many applications since the 1940s

## PFAS Development ...

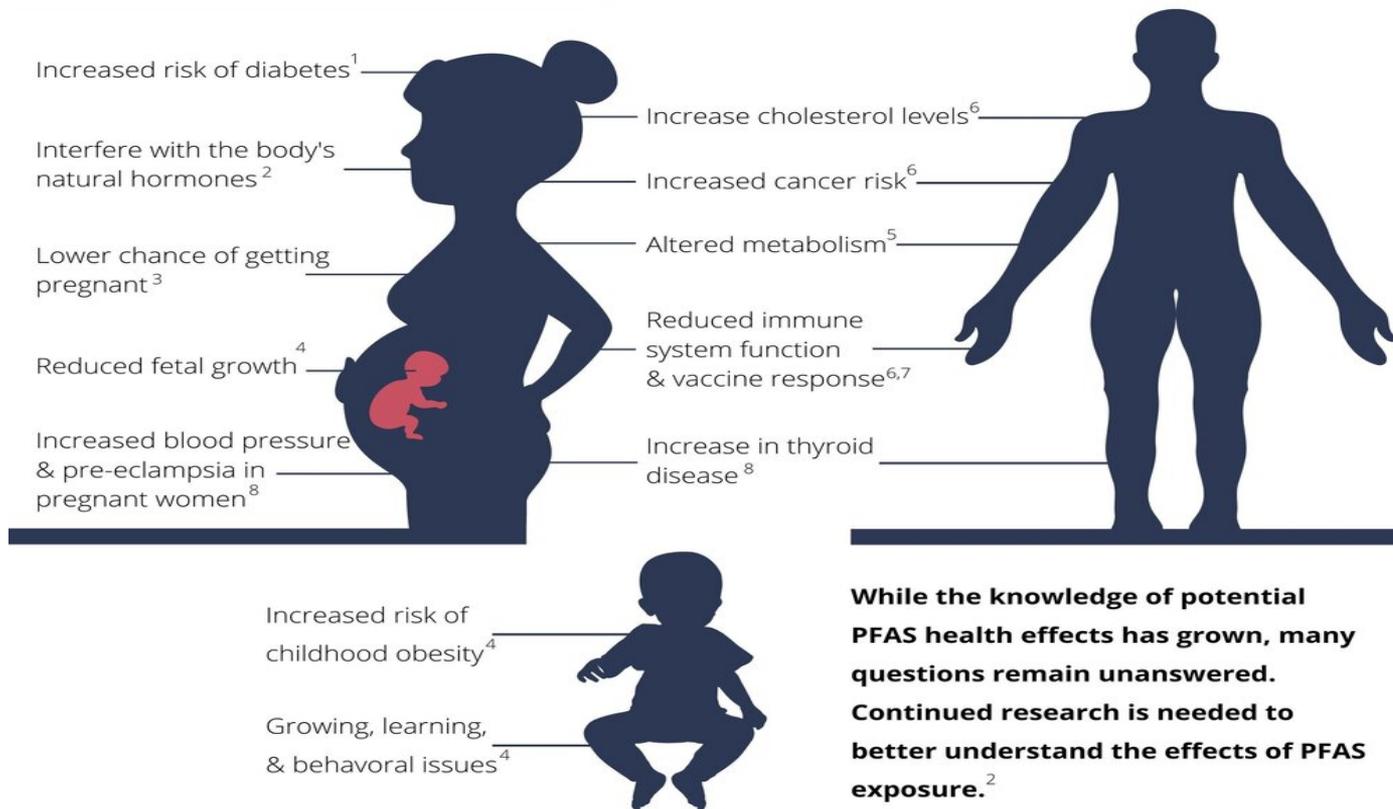
## ...and Evolution



# Why is PFAS Important?

- Been used for decades
- Newer Research indicates human health effects or environmental risks
- The science is rapidly evolving

## HOW DO PFAS AFFECT YOUR HEALTH?



**While the knowledge of potential PFAS health effects has grown, many questions remain unanswered. Continued research is needed to better understand the effects of PFAS exposure.<sup>2</sup>**

# PFOA and PFOS Drinking Water Health Advisory

- EPA Health Advisory Level for Public Drinking Water Supplies: 70 parts per trillion
- Role of Health Advisories: Set a level of exposure created with a margin of protection throughout a person's lifetime
  - Below 70 ppt - no concerns
  - 70 ppt and Above - More study is needed

# Analytical Methods

- Drinking Water **covers up to** 29 compounds
  - Initial EPA method 537 (2008) then ver 1.1 (2009) potable water only
  - EPA method 537.1 (2018) potable water only (18 compounds)
  - EPA method 533 - potable only and a slightly different analyte list (25 compounds)
  - *and* 537 mod (user/lab defined method for non-potable water)
- Other Work
  - EPA SW-846 8327 and 1600 series
    - broader range of matrices (soil, GW, etc.)
  - TOP assay – screening only

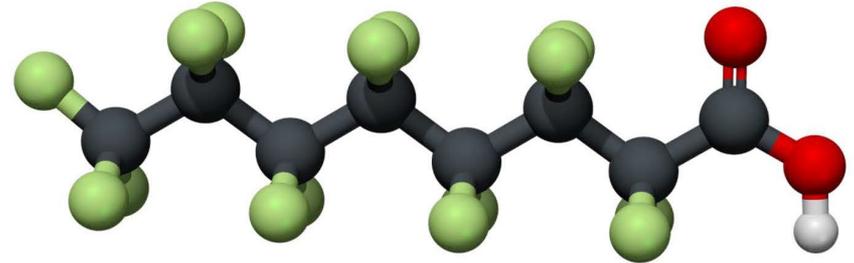
## DNR Action Plan

- Focus Area 1: Identify and Minimize Exposure of Iowans to PFAS in Public Drinking Water

### PFAS Action Plan

#### Initial Actions

- A phased approach will be implemented to prioritize testing of public drinking water systems
- First Tier of sites – 38 facilities (53 sampling points), like shallow wells or surface water intakes
- Data driven decisions



An example of a family of Perfluoroalkyl Substances: Perfluorooctanoic acid

# Implementing Focus Area 1

January	February - May			June	July - December		
Meeting with all internal staff	Letter to Identified PWS and Associations	List Serv Article	Series of 3-5 Webinars	Contact first group to be sampled - phone/email	Begin Sampling	Make changes on lessons learned from first group	Complete rest of Sampling Plan
Includes: Risk Strategy and Results Protocol Explanation of Feedback Requested Certify laboratories for PFAS methods				Explaining Timing and Next Steps	Follow Results Protocol for Detects		
Presentations at Training and Conferences throughout the year							

# Questions?



# IOWA DEPARTMENT OF NATURAL RESOURCES

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LEADING IOWANS IN CARING FOR OUR NATURAL RESOURCES

KATIE GREENSTEIN, P.E., Ph.D.

Environmental Engineer, Senior

Water Quality Bureau

[katie.greenstein@dnr.iowa.gov](mailto:katie.greenstein@dnr.iowa.gov)

(515)725-8400

# Water quality standards: **designated uses**

- Designated uses may be applied to surface water bodies
  - E.g., in Iowa, Class A1 for rec., Class B(WW-1) for aquatic life, etc.

**DESIGNATED USES:**  
expressions of goals  
for surface waters,  
such as supporting  
aquatic life and  
human activities



Criteria

Antidegradation policy and methods

Adapted from U.S. EPA 2019 Water Quality Standards Academy

# Water quality standards: **criteria**

- If a water body has a designated use (e.g., Class A1 for rec., Class B(WW-1) for aquatic life, etc.), certain numeric water quality criteria are applicable
  - Waters shall be free from: floating debris, oil, grease, scum, etc. (narrative criteria)

Designated uses



**CRITERIA:**  
levels of water quality  
that will support the  
designated uses;  
expressed as numeric  
values and/or  
narrative statements

Antidegradation policy and methods

Adapted from U.S. EPA 2019 Water Quality Standards Academy

# Water quality standards: antidegradation

- Protection of **existing uses** for all waters of the U.S.
  - Existing uses: those actually attained in the water body on or after Nov. 28, 1975
- Protection of **high quality waters** (water quality that exceeds the levels necessary to support protection and propagation of fish, shellfish and wildlife and recreation in and on the waters)
  - Maintenance and protection of water quality **better than necessary to support designated uses**
  - Outstanding Iowa Waters

Designated uses



Criteria

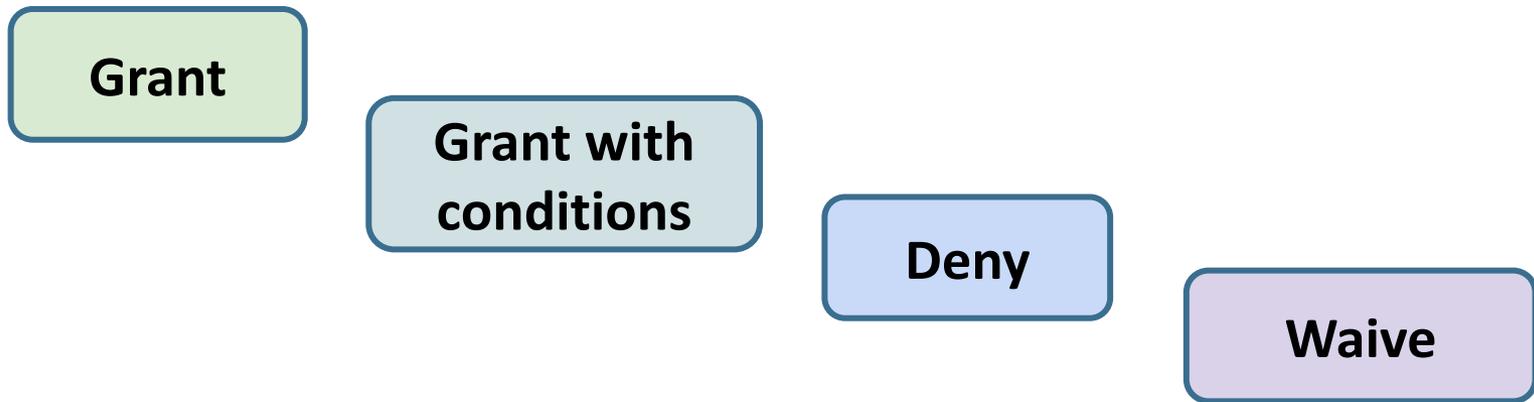
**ANTIDegradation Policy and Methods:**  
framework for maintaining and protecting  
water quality that has already been achieved

**Applies to water quality  
(quality of the water itself,  
rather than stream bed, etc.)**

Adapted from U.S. EPA 2019 Water Quality Standards Academy

# 401 water quality certification

- Clean Water Act (CWA) §401; 40 C.F.R. §121:
  - No **federal** permit or license can be issued that **may** result in a **discharge to waters of the United States**  
**UNLESS**
    - The state **certifies** that the discharge is consistent with **water quality requirements**, or waives
- Possible state actions for 401 water quality certification:



- “Reasonable period of time” established by federal agency ( $\leq 1$  year)

# Implementation of antidegradation in DNR 401 water quality certification

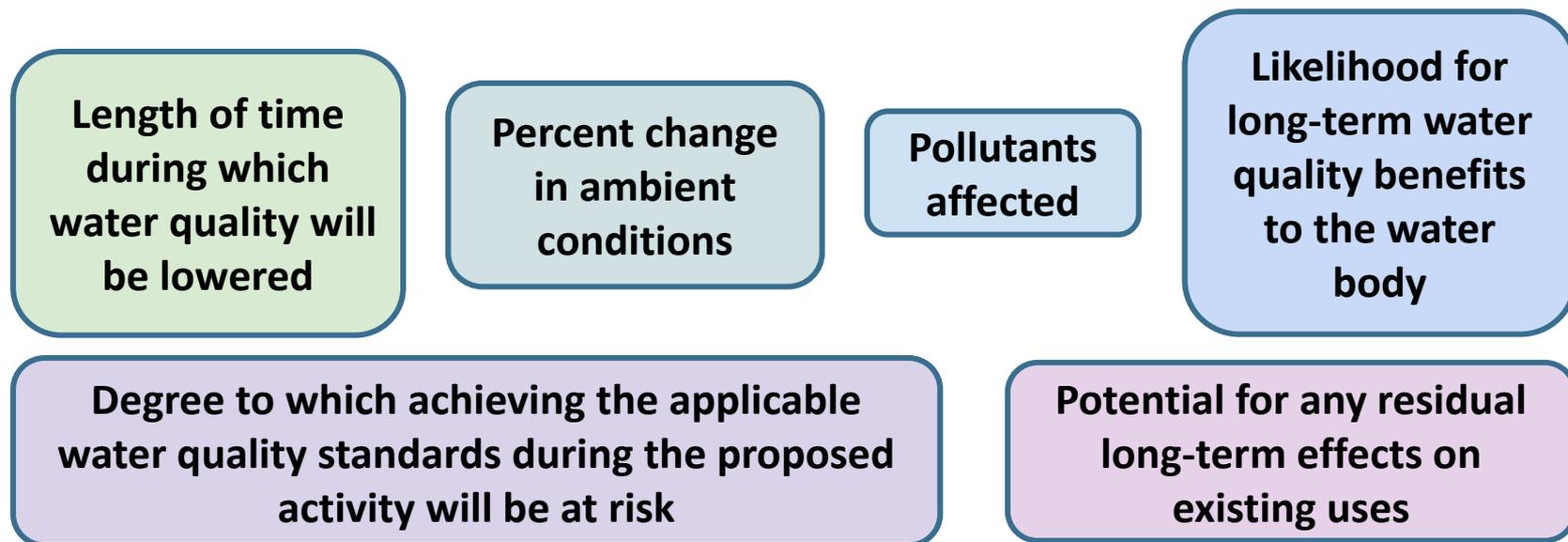
- Antidegradation is a part of each 401 certification process
- U.S. Army Corps (Corps) of Engineers CWA Section 404 permits are subject to 401 certification
  - Therefore, are also subject to antidegradation review
- **Projects must accommodate important social or economic development**
  - Examples of **social importance**:
    - Safety
    - Community benefit
    - Water quality/recreation
  - Examples of **economic importance**:
    - Cost savings to permittees/agencies using general permits (nationwide or regional) instead of individual permits
    - Protection of infrastructure and property
    - Business opportunities at project site and surrounding areas
    - Increase in jobs before, during, and after permitting
    - Increase in tourism

# Most common two paths for antidegradation in 401: **alternatives analysis** or temporary & limited

- Antidegradation alternatives analysis (AAA)
  - Requires review of social and economic importance
  - Typically done as part of Corps 404 permit process
    - “EPA interprets [40 CFR] section 131.12(a)(1) of the **antidegradation policy to be satisfied** with regard to fills in wetlands if the discharge did not result in "significant degradation" to the aquatic ecosystem as defined under section 230.10(c) of the **section 404(b)(1) Guidelines**.” (EPA Water Quality Standards Handbook, Chapter 4: Antidegradation, 2012)
    - Example alternatives: no build, alternate locations, on-site alternatives
  - Selected alternative must be least degrading that accommodates important social and economic development
  - As part of process, permit conditions are reviewed, added to if needed

# Most common two paths for antidegradation in 401: alternatives analysis or **temporary & limited**

- Temporary and limited (T&L)
  - Requires review of social and economic importance
  - If degradation would be T&L, an AAA is not required
  - Factors that are reviewed for T&L:



- As part of process, permit conditions are reviewed, added to if needed

# Corps 404 permits, 401 certification, & antidegradation

Corps Nationwide Permits (NWP)



401 certification including AAA occurs every 5 years when NWP is reissued (or when new NWP issued)

Corps Regional Permits (RPs)



401 certification including AAA or T&L occurs every 5 years when RP is reissued (or when new RP issued)

Corps NWP or RPs for projects on Outstanding Iowa Waters (OIWs)



Individual 401 certification including T&L

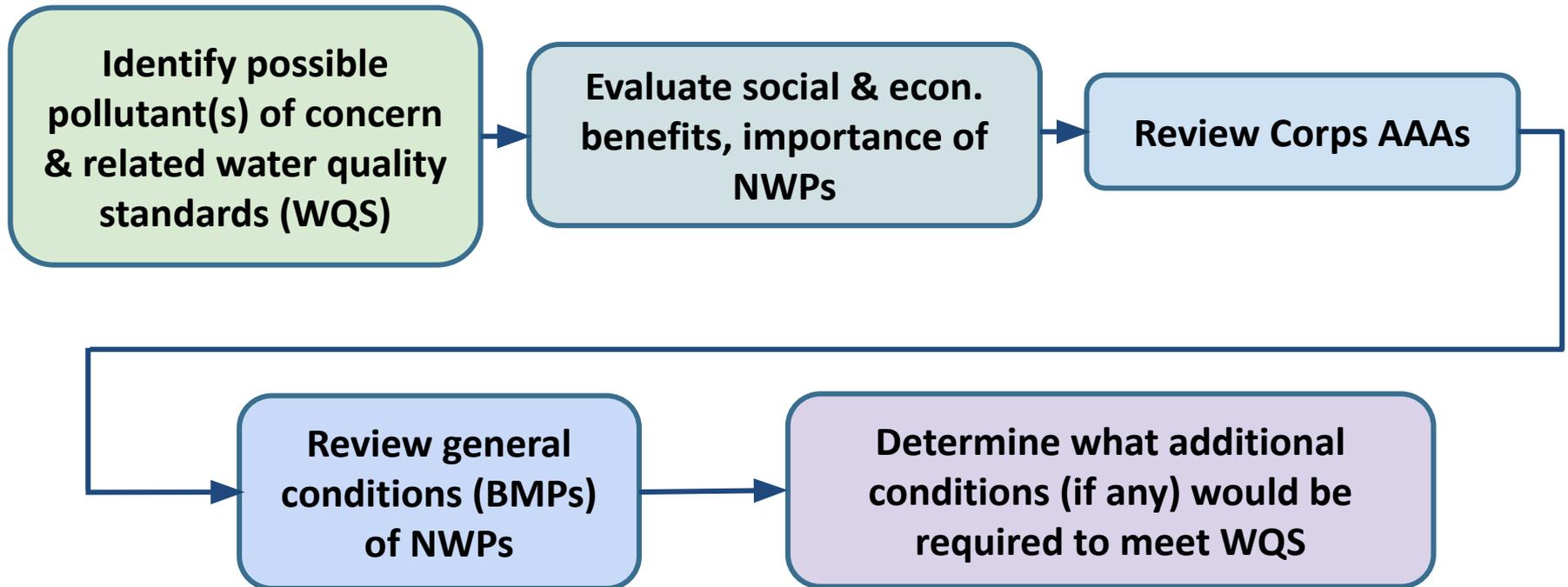
Corps Individual Permits (IPs)



Individual 401 certification including AAA or T&L

# Corps Nationwide Permit - 401 Example with AAA

- In 2020, DNR reviewed several NWP the Corps proposed to reissue, and granted certification with conditions
  - Example: NWP 29, residential developments
- Antidegradation review



# Corps Nationwide Permit - 401 Example with AAA

- Certification action - **granted with conditions**
  - Ensures a best management practices (BMP)-based approach protective of water quality standards
  - Conditions become part of NWP
  - Example Corps conditions reviewed:

**Side slopes of newly constructed channels no steeper than 2:1**

**Install grass buffers along newly constructed channels**

**Clean materials (free from toxics in toxic amounts)**

- Example 401 certification conditions added:

**Use of clean equipment + no discharging wash water**

**Management of cleared vegetative material and construction debris**

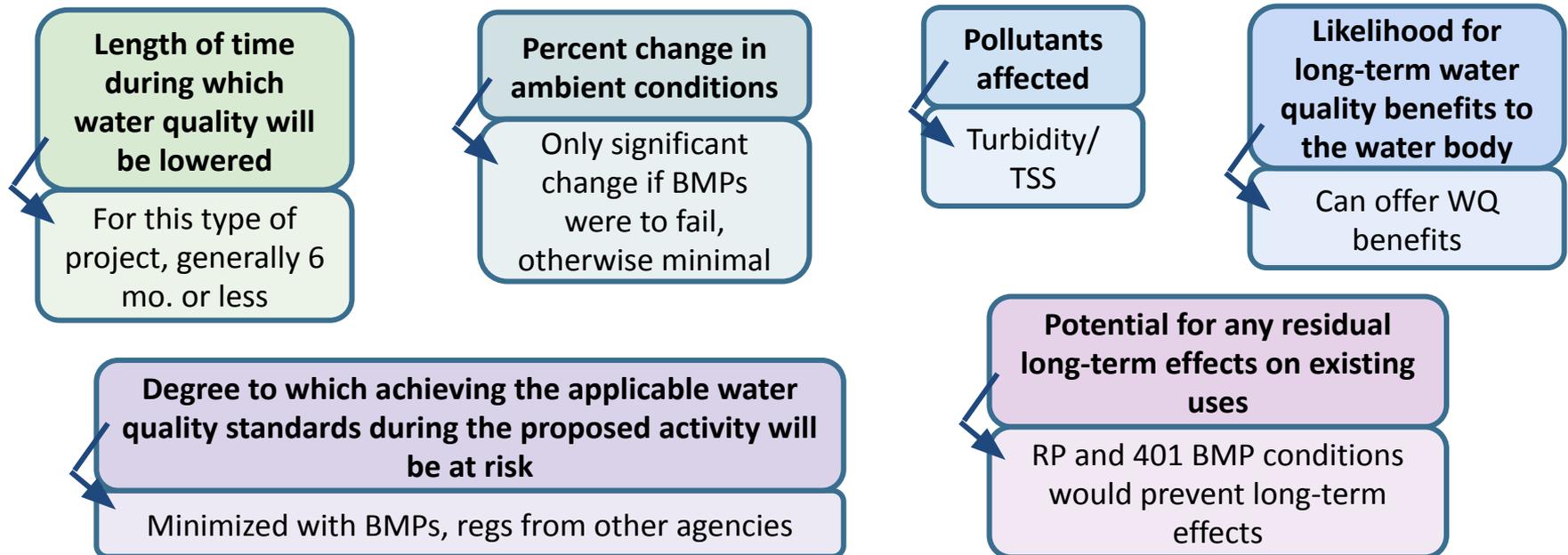
**Management of erosion**

**Clean materials for riprap and temporary structures (no asphalt or petroleum-based materials for riprap)**

**Management of dredged material**

# Corps Regional Permit 43 - 401 Example with T&L

- In 2021, DNR reviewed RPs the Corps proposed to issue, and granted certification with conditions
  - Example: RP 43 - construction, maintenance, repair, and removal of utility lines
- Antidegradation review
  - Evaluated social and economic benefits/importance of RP and possible degradation (e.g., social importance (safety) of functional utility lines)
  - Reviewed T&L factors



# Corps Regional Permit 43 - 401 Example with T&L

- Certification action - **granted with conditions**
  - Ensures a BMP-based approach protective of water quality standards
  - Conditions become part of RP 43
  - Example Corps conditions reviewed:

**Side slopes of newly constructed channels no steeper than 2:1**

**Install grass buffers along newly constructed channels**

**Clean materials (free from toxics in toxic amounts)**

- Example 401 certification conditions added:

**Use of clean equipment + no discharging wash water**

**Management of cleared vegetative material and construction debris**

**Management of erosion**

**Clean materials for riprap and temporary structures (no asphalt or petroleum-based materials for riprap)**

**Management of stockpiled material**

# Agenda

## Environmental Protection Commission

Tuesday, March 16, 2021

Teleconference: (240) 794-2779 PIN: 934 190 235#

Video Conference: <https://meet.google.com/pcd-ryjg-uoa>

**Tuesday, March 16, 2021**

**9:30 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](mailto: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 (Packet Page 3)   |                                   |
| 3  | Monthly Reports (Packet Page 8)   | Ed Tormey<br>(Information)        |
| 4  | Director's Remarks  | Kayla Lyon<br>(Information)       |
| 5  | Clean Water and Drinking Water State Revolving Loan Fund – FY 2021 Intended Use Plan Fourth Quarter Update (Packet Page 10)   | Theresa Enright<br>(Decision)     |
| 6  | Solid Waste Alternatives Program – Contract Recommendations (Packet Page 89)  | Tom Anderson<br>(Decision)        |
| 7  | Contract with The University of Iowa - SHL - Lakes (Packet Page 92)   | Roger Bruner<br>(Decision)        |
| 8  | Memorandum of Understanding with Iowa Department of Administrative Services (Packet Page 96)  | Steve Konrady<br>(Decision)       |
| 9  | Air Quality – Fiscal Year 2022 Draft Budget Review (Packet Page 98)   | Wendy Walker<br>(Information)     |
| 10 | PFAS Informational Presentation   | Roger Bruner<br>(Information)     |
| 11 | Antidegradation Informational Presentation  | Katie Greenstein<br>(Information) |
| 12 | General Discussion <ul style="list-style-type: none"><li>• Educational Tour Options for April</li><li>• Personal Financial Disclosure Reporting</li></ul>   |                                   |
| 13 | Items for Next Month's Meeting <ul style="list-style-type: none"><li>• Monday, April 19, 2021 – Educational Tour Hamilton/Hardin County</li><li>• Tuesday, April 20, 2021 – EPC Business Meeting</li><li>• Tuesday, May 18, 2021 – EPC Business Meeting</li></ul> |                                   |

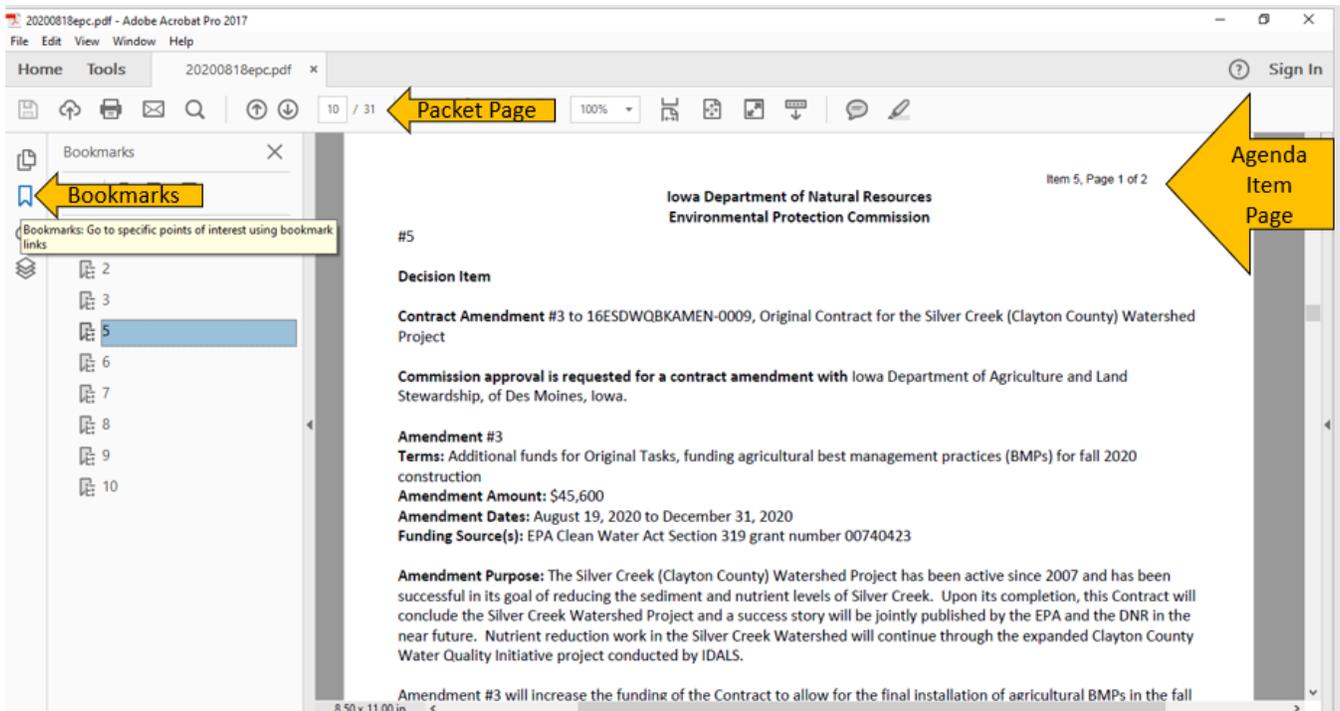
For details on the EPC meeting schedule, visit <http://www.iowadnr.gov/About-DNR/Boards-Commissions>

<sup>1</sup>Comments 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 participating in 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](mailto:Webmaster@dnr.iowa.gov), and advise of specific needs.

Utilize bookmarks to transition between agenda items or progress forwards and backwards in the packet page by page with the Packet Page number on the agenda.

The upper right-hand corner will indicate the Agenda Item Number and the page of the agenda item.



**MINUTES OF THE  
ENVIRONMENTAL PROTECTION COMMISSION  
MEETING**

**February 16, 2021**

**Video and Teleconference**

**Approved by the Commission **TBD****

DRAFT

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DRAFT

### Meeting Minutes

#### CALL TO ORDER

The meeting of the Environmental Protection Commission (Commission or EPC) was called to order by Chairperson Ralph Lents at 9:30 a.m. on February 16, 2021, via video and teleconference. A verbal roll call was conducted for Commissioners, DNR staff, and members of the public. Jerah Sheets, Board Administrator, provided a tutorial of the Google Meet features.

#### COMMISSIONERS PRESENT

Stephanie Dykshorn  
Amy Echard  
Lisa Gochenour  
Rebecca Guinn  
Harold Hommes  
Ralph Lents  
Bob Sinclair

#### COMMISSIONERS ABSENT

Rebecca Dostal  
Howard Hill

Tamara McIntosh, DNR General Counsel, stated that the Commission is hosting this meeting via teleconference consistent with Iowa Code section 21.8, which authorizes electronic meetings when meeting in person is impossible or impractical. The impractical standard was satisfied due to COVID-19-based medical directives to physically distance.

#### OFFICIAL MEETINGS OPEN TO PUBLIC (OPEN MEETINGS), § 21.8

Electronic meetings. 1. A governmental body may conduct a meeting by electronic means only in circumstances where such a meeting in person is impossible or impractical and only if the governmental body complies with all of the following: a. The governmental body provides public access to the conversation of the meeting to the extent reasonably possible. b. The governmental body complies with section 21.4. For the purpose of this paragraph, the place of the meeting is the place from which the communication originates or where public access is provided to the conversation. c. Minutes are kept of the meeting. The minutes shall include a statement explaining why a meeting in person was impossible or impractical. 2. A meeting conducted in compliance with this section shall not be considered in violation of this chapter. 3. A meeting by electronic means may be conducted without complying with paragraph "a" of subsection 1 if conducted in accordance with all of the requirements for a closed session contained in section 21.5.

#### APPROVAL OF AGENDA

*Motion was made by Stephanie Dykshorn to approve the agenda as presented. Seconded by Amy Echard. The Chairperson asked for the Commissioners to approve the agenda by saying aye. There were no nay votes. Motion passes.*

**AGENDA APPROVED AS PRESENTED**

**APPROVAL OF MINUTES**

*Motion was made by Lisa Gochenour to approve the January 20, 2021, EPC minutes as presented. Seconded by Bob Sinclair.  
Bob Sinclair-aye, Lisa Gochenour-aye, Howard Hill-absent, Rebecca Guinn-aye, Stephanie Dykshorn-aye, Amy Echard-aye, Harold Hommes-aye, Rebecca Dostal-absent, and Ralph Lents-aye.  
Motion passes.*

**APPROVED AS PRESENTED**

**MONTHLY REPORTS**

- Division Administrator Ed Tormey informed the Commission that the upcoming March 2021 EPC meeting will have informational presentations on the Department’s Antidegradation Policy and PFAS Plan related to public drinking water systems.
- Adam Broughton, Emergency Response Coordinator, shared with the Commission historical highlights and assumptions from pandemic business activity related to lower number of spills in 2020.
- The monthly reports have been posted on the DNR’s website under the appropriate meeting month: <http://www.iowadnr.gov/About-DNR/Boards-Commissions>

**INFORMATION**

**DIRECTOR’S REMARKS**

- Director Kayla Lyon summarized for the Commission legislative subcommittee presentations on the budget and infrastructure.

**INFORMATION**

**CONTRACT WITH THE MAQUOKETA RIVER WATERSHED MANAGEMENT AUTHORITY (WMA)**

Steve Konrady presented a contract with a watershed management authority. Commissioners commended the WMA for their fundraising efforts to support projects in their community.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Stephanie Dykshorn to approve the agenda item as presented. Seconded by Amy Echard.  
Bob Sinclair-aye, Lisa Gochenour-aye, Howard Hill-absent, Rebecca Guinn-aye, Stephanie Dykshorn-aye, Amy Echard-aye, Harold Hommes-aye, Rebecca Dostal-absent, and Ralph Lents-aye.  
Motion passes.*

**APPROVED AS PRESENTED**

**AMENDED NOTICE OF INTENDED ACTION – CHAPTER 61 – WATER QUALITY STANDARDS (SECTION 401 WATER QUALITY CERTIFICATION)**

Roger Bruner presented an Amended Notice of Intended Action. He summarized the changes and explained why amending the Notice was appropriate. To adhere to required public comment timelines, he corrected the record by noting that the public hearing would actually be held via video and teleconference on March 30, 2021, and that the Department would accept written public comments until 4:30 p.m. on April 3, 2021.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Harold Hommes to approve the agenda item as amended with updated public comment dates. Seconded by Stephanie Dykshorn.  
Bob Sinclair-aye, Lisa Gochenour-aye, Howard Hill-absent, Rebecca Guinn-aye, Stephanie Dykshorn-aye, Amy Echard-aye, Harold Hommes-aye, Rebecca Dostal-absent, and Ralph Lents-aye.  
Motion passes.*

**APPROVED AS AMENDED**

**GENERAL DISCUSSION**

- Lori McDaniel, Water Quality Bureau Chief, provided an overview of the Department’s Antidegradation Policy. This will be covered in more detail during the March 2021 EPC meeting.
- Jerah Sheets provided options and logistics for upcoming EPC educational tours and business meetings.

**ADJOURN**

Chairperson Lents thanked the Commission and DNR for their efforts. The Chairperson adjourned the Environmental Protection Commission video and teleconference meeting at 10:40 am on February 16, 2021.

*Motion was made by Stephanie Dykshorn to adjourn. Seconded by Harold Hommes. The Chairperson asked for the Commissioners to approve the agenda by saying aye. There were no nay votes.  
Motion passes.*

**ADJOURNED**

Monthly Waiver Report February 2021							
Item #	DNR Reviewer	Facility/City	Program	Subject	Decision	Date	Agency
1	Ashley Dvorak	CF Industries Nitrogen, LLC - Port Neal	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	1/22/21	21aqv015
2	John Curtin	City of Iowa City Wastewater Division	Air Quality Construction Permits	Permit 2 new emergency engines; modify the permits for five existing units (2 boilers, 2 engines, 1 flare)	Approved	2.1.21	21aqv016
3	Julie Duke	Valero Hartley	AQ	Request to store undenatured ethanol in tanks TK004 and TK005 prior to submitting permit applications.	Approved	1.28.21	21aqv017
4	Ashley Dvorak	Iowa Army Ammunition Plant	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	2.3.21	21aqv018
5	John Curtin	Viking Pump, Inc.	Air Quality Construction Permits	Permit existing welding operation and four new electric induction furnaces for steel alloy castings.	Approved	2.5.21	21aqv019
6	Sara Smith	City of Fairfield	Water Supply Construction (WC)	Hwy 1 water main (WM) replacement must cross 12" below existing storm sewer (STS) and 6" above existing sanitary sewer (SAN), by constructing WM of ductile iron pipe (DIP) with nitrile gaskets and place it in a steel casing pipe, for 30 LF.	Approved	2.11.21	21wcv020
7	Matt Phoenix	Ankeny, City of	Water Supply Construction (WC)	A variance from requirements to construct conflicting storm sewers of water main material where sewer/water main separations cannot be obtained by instead constructing the water main of DIP w/ nitrile gaskets.	Approved	2.17.21	21wcv021
8	Michael Hermsen	Integrated DNA Technologies	Air Quality Construction Permit	Waiver of Initial Stack Test Requirement.	Approved	2.17.21	21aqv022
9	Michael Hermsen	Integrated DNA Technologies	Air Quality Construction Permit	Waiver of Initial Stack Test Requirement.	Approved	2.17.21	21aqv023
10	John Curtin	Viking Pump, Inc.	Air Quality Construction Permit	Permit new casting shakeout table; modify 8 permits for existing equipment at an iron and steel foundry.	Approved	2.18.21	21aqv024
11	Nate Tatar	Procter & Gamble Hair Care, LLC	Air Quality Construction Permit	Waiver of Initial Stack Test Requirement.	Approved	2.18.21	21aqv025
12	Ashley Dvorak	Iowa Army Ammunition Plant	Air Quality Construction Permit	Waiver of Initial Stack Test Requirement.	Approved	2.19.21	21aqv026
13	Rachel Quill	Oak Street Manufacturing	Air Quality Construction Permit	Waiver of Initial Stack Test Requirement for two spray booths and two ovens.	Approved	2.17.21	21aqv027

14	Tara Naber	Sioux City Water Supply	Water Supply Construction	Instead of constructing storm sewer of water main material where it crosses 18-inches above the water main, construct the storm sewer of high performance polypropylene with water tight gaskets for WSE project W2021-0003.	Approved	2.19.21	21wcv028
15	Priyanka Painuly	Little Sioux Corn Processing	Air Quality Construction Permit	Waiver of Initial Stack Test Requirement.	Approved	2.22.21	21aqv029

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

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**ITEM**

5

**DECISION****TOPIC**

**Clean Water and Drinking Water State Revolving Loan Fund – FY 2021  
Intended Use Plan Fourth Quarter Update**

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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 fourth quarter of FY 2021 (July 1, 2020 – June 30, 2021).

The Iowa State Revolving Fund (SRF) programs are operated through a coordinated partnership between the Department of Natural Resources (DNR) and the Iowa Finance Authority (IFA). 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 and nonpoint source control practices for water quality.

This IUP update includes an analysis of current and projected finances and an updated project priority list. A summary of the new additions to the project priority list in this fourth quarter update are as follows:

(19) CWSRF Planning & Design Loan applications	(totaling \$6,628,250)
(10) CWSRF IUP applications for construction projects	(totaling \$14,878,895)
(11) DWSRF Planning & Design Loan applications	(totaling \$2,621,026)
(5) DWSRF IUP applications for construction projects	(totaling \$12,373,683)

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

This IUP update was released for public comment on the proposed updates and project lists. A public meeting was held via conference call on February 11, 2021 to receive comments. There were no attendees. The written comment period closed on February 18, 2021. No comments were received.

Theresa Enright, DNR SRF Coordinator  
February 22, 2021

# INVESTING IN IOWA'S WATER

## FY 2021 INTENDED USE PLANS

Clean Water State Revolving Fund  
Drinking Water State Revolving Fund



Approved by the Environmental Protection Commission (EPC) on June 16, 2020. Second Quarter update approved on September 15, 2020. Third Quarter update approved on December 15, 2020. **Fourth Quarter update approved on March 16, 2021.**

**FY 2021 INTENDED USE PLANS**  
**Clean Water State Revolving Fund**  
**Drinking Water State Revolving Fund**



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# FY 2021 INTENDED USE PLANS

## Overview



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 2021 (July 1, 2020 – June 30, 2021). The IUPs are developed and updated quarterly, in June, September, December, and March or more often as needed. With the SFY 2021 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.

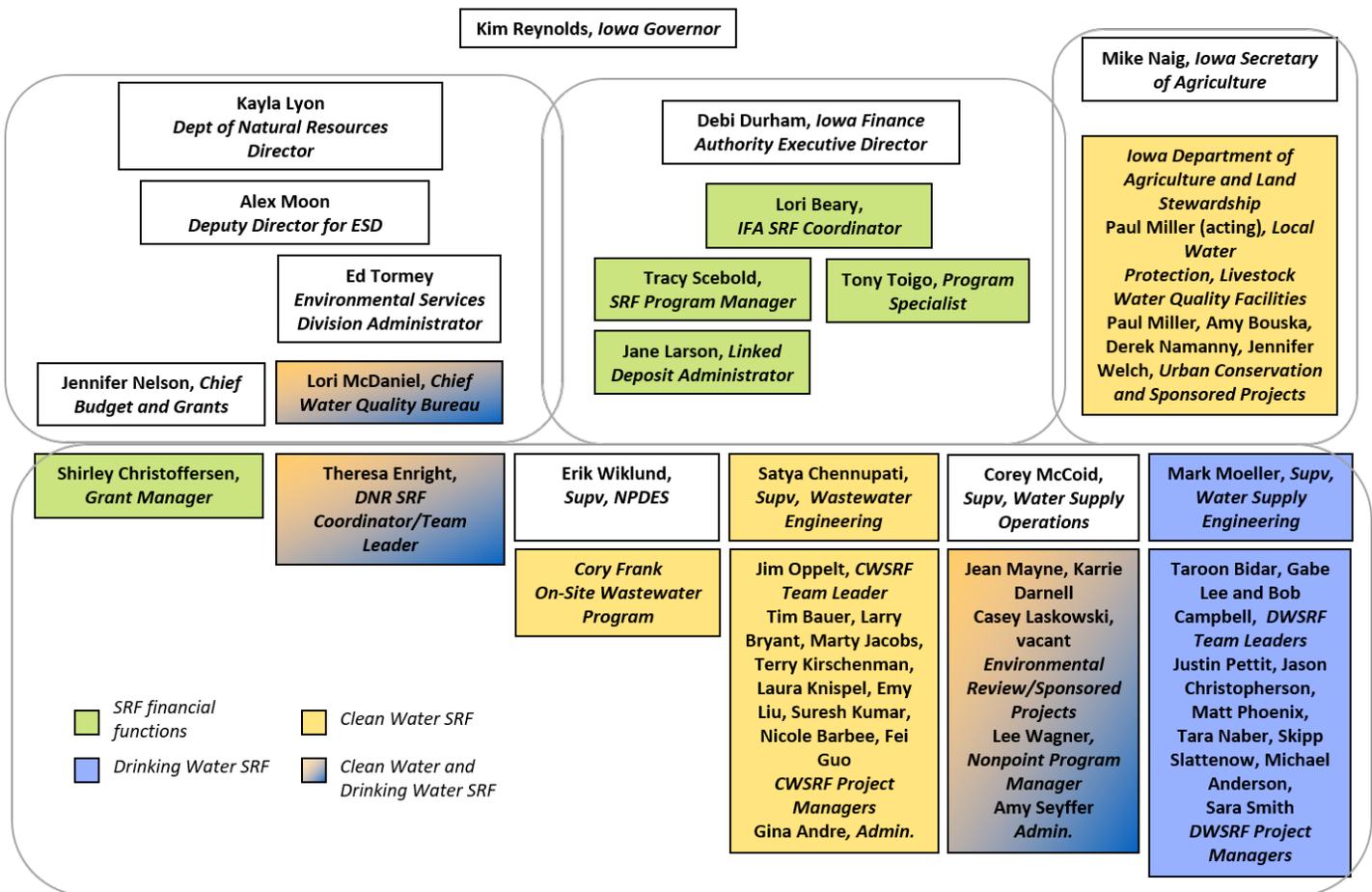
***Since 1988, the Iowa State Revolving Fund (SRF) has remained a reliable funding source for Iowan's in their pursuit to improve water quality and protect public health. In fact, Iowa's SRF has been recognized for offering some of the most innovative and far-reaching financing programs in the United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

- ✓ In the last 30 years, Iowa's SRF has provided more than **\$3.8 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 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 (CAP) Grants, bonds, and loan repayments with interest. No state general funds are provided.
- ✓ Iowa's SRF programs are highly rated 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 allow borrowers to apply when their project is 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, IUP's and application requirements are posted on both DNRs and SRF's websites. Email listservs are used to inform stakeholders of program updates.

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.

## State Revolving Fund Organizational Structure -- Iowa



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 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 (IUPs) outline goals and strategies to be used in managing the Iowa SRF programs during fiscal year 2021. The IUPs will continue to be amended quarterly, with projects added and funding amounts adjusted as needed. While the plans of action outlined in these SFY 2021 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.

# **FY 2021 INTENDED USE PLANS**

## **Clean Water State Revolving Fund**



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# FY 2021 INTENDED USE PLANS

## Clean Water State Revolving Fund



### I. STATE FISCAL YEAR 2021 PLAN OF ACTION

The plan is based on anticipated use of new and revolved 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 Sponsor Program (Sponsored Projects) addresses nonpoint source problems via interest rate reductions on wastewater loans

The SFY 2021 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 2021 Project Priority List
- Plan for Nonpoint Source Assistance Programs
- 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 2021.

The SFY 2021 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 2021, 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 Assistance Programs will be funded on a continuous basis from the funds reserved for those programs.*
- Goal: Require applicants to engage a registered Municipal Advisor (MA). *Objective: During SFY 2021, 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. The SRF program will reimburse up to \$4,000 of the MA fee to the borrowers.*

- Goal: Implement the “Use of American Iron and Steel (AIS)” requirements enacted by Congress on January 17, 2014. *Objective: During SFY 2021, 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 (10% of Cap Grant). *Objective: During SFY 2021, the Iowa SRF plans to fund green projects as required in the FFY 2018, 2019 and 2020 Capitalization Grants. Iowa has already complied with the GPR requirements of previous Capitalization Grants.*
- Goal: Develop plans for allocating loan forgiveness required in FFY 2018, 2019 and 2020 Capitalization Grants (20% of Cap Grant). *Objective: During SFY 2021, 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, 2019 and 2020 Capitalization Grants. Iowa has complied with the additional subsidization requirements for all previous Capitalization Grants.*
- Goal: Comply with grant reporting conditions. *Objective: During SFY 2021, 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 2021 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 2021 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 2021, 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 2021 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 2021, 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 2021 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 2021 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 2021 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 2021 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 2021 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 or dissolve 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. A draft letter was shared with Iowa last fiscal year which proposes the elimination of the Operating Agreement between Region 7 states and EPA. That letter is awaiting final approval by EPA.*

### ***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. 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 Capitalization 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 Capitalization 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 program funds in SFY 2021 include \$22.8 million reserved for the Nonpoint Source Assistance Programs.

The cash draw procedure used is the direct loan method. 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 and uses the bond proceeds to replenish the equity fund. Iowa's bonds are cross-collateralized across both the Clean Water and Drinking Water SRF accounts. State match bonds are issued at the same time that leveraged bond issues are done for greater cost effectiveness. 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 was awarded the FFY 2020 Capitalization Grant in May 2020. The Iowa SRF program issued bonds in February 2019 which included the state match for FFY 2019 and FFY 2020 Capitalization Grants. The program issued bonds in February 2020 which included the estimated state match for future Capitalization Grants.

### ***SFY 2021 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 2021. Attachment 1 constitutes the project priority list.

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 2021 and are included on Attachment 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 2021 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 2021 project priority list as received.

**New Section 212 Projects.** New applications for assistance during SFY 2021 will be added to the project priority list. Applications will be accepted on a continuous basis during SFY 2021 with quarterly updates completed as needed. Intended Use Plan applications can be found on the SRF website at [www.iowasrf.com](http://www.iowasrf.com) and on the DNR Wastewater Construction Permit website at <https://www.iowadnr.gov/Environmental-Protection/Water-Quality/Wastewater-Construction/Construction-Permits> and submitted to [srf-iup@dnr.iowa.gov](mailto:srf-iup@dnr.iowa.gov).

**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. Planning & Design Loan applications can be found on the SRF website at [http://www.iowasrf.com/program/planning\\_design\\_loans/](http://www.iowasrf.com/program/planning_design_loans/).

### ***Water Resource Restoration Sponsor Program***

The project category called water resource restoration or “sponsored projects” provides wastewater utilities with the opportunity to fund locally directed, watershed-based, nonpoint source projects that address 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 maximum amount allowed for eligible sponsored project costs is \$100,000 per \$1 million borrowed.
- The amount of funds reserved in SFY 2021 for Water Resource Restoration Sponsor Program interest rate reductions is \$10 million. In order to fund all eligible applications, the DNR reserves the right to cap individual application funding awards at a percentage of the total amount allocated for Sponsored Projects.

Applications will be taken during SFY 2021 on September 15, 2020 and March 1, 2021. Communities or wastewater utilities interested in applying for an SRF Water Resource Restoration Sponsored Project should note the upcoming deadlines:

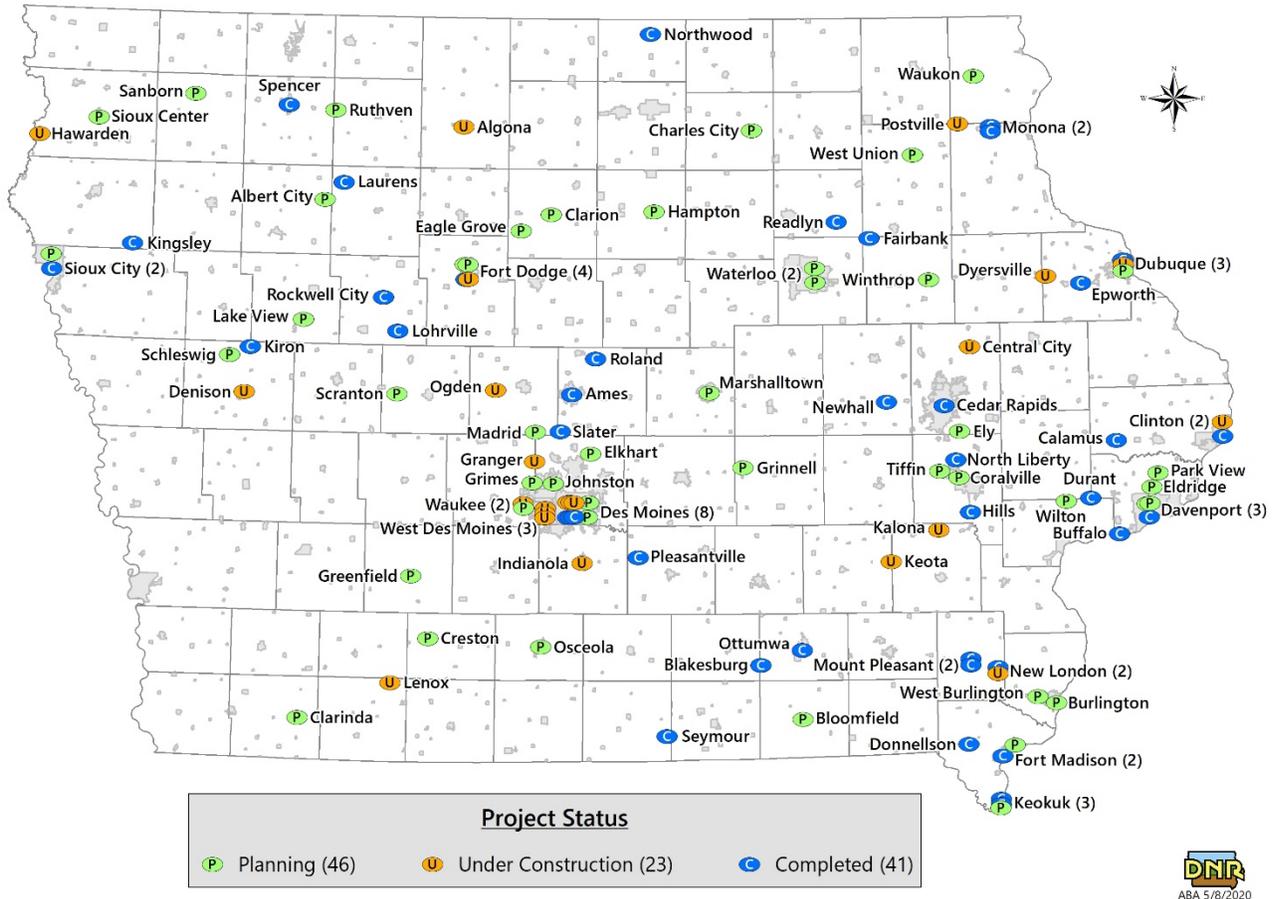
~~**December 18, 2020:** Deadline to hold a pre-application conference call with DNR. The call is mandatory with the purpose of discussing potential projects, getting technical advisors involved early and going over the application requirements.~~

**March 1, 2021:** Deadline to submit a sponsored project application. The Sponsored Project application for the March 2021 application deadline is now available.

Explanations of eligible applicants and projects, as well as specific application requirements, are outlined in the SFY 2021 Sponsored Project Application (see Attachment 2). This information is also available online at: [http://www.iowasrf.com/about\\_srf/sponsored\\_projects\\_home\\_page.cfm](http://www.iowasrf.com/about_srf/sponsored_projects_home_page.cfm)

The applications proposed for funding in SFY 2021 are listed in Appendix D. The map below shows the project locations for approved sponsored projects through the end of SFY 2020.

## WATER RESOURCE RESTORATION SPONSORED PROJECTS, SFY2020



### Plan for Nonpoint Source Assistance Programs

Iowa authorizing legislation and state administrative rules allow the use of CWSRF program funds for nonpoint source pollution control projects. Four Nonpoint Source Assistance Programs 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 program. Projects that involve purchase of land require separate approval by the EPC. These projects are listed in Appendix E.

Loans for these four Nonpoint Source Assistance 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 reduce the interest rate on the loan. For loan participations, SRF funds are used to purchase an existing loan from a lender.

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

Nonpoint Source Assistance Programs	Proposed SFY 2021 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
<b>TOTAL</b>	<b>\$22.8 million</b>

*\*GNS projects that receive a direct loan are not included in this allocation and are listed individually on the CWSRF project priority list (Attachment 1).*

### ***Plan for Use of Administrative Accounts***

There are three distinct funding sources for CWSRF administrative expenses:

- The CWSRF administrative Capitalization Grant set-aside. Iowa intends to take or reserve 4% of the federal Capitalization Grant funds for program administration.
- Loan initiation fees. A 0.5% loan origination fee will be charged on new CWSRF loans. The maximum amount charged is \$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 servicing fee of 0.25% on the outstanding principal is charged on CWSRF loans. Under EPA rules, only servicing fees received from loans made above and beyond the amount of the Capitalization Grant and 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 2021 will be approximately \$1 million dollars and will be used for administering the SRF Program. Program Income is replenished throughout the fiscal year by funds received from loan initiation fees as described above.

**Non-Program Income.** There is approximately \$11.8 million available in funds considered Non-Program Income.

**Planned Expenses.** CWSRF expenses for administering the SRF Program 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 Income funds during SFY 2021 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 reserved for each Nonpoint Source Assistance Program based on past funding and expected future needs.

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

### ***Sources and Uses of Available CWSRF Funds***

FFY 2019 Capitalization Grant was awarded in the amount of \$21,505,000. In March 2020, the Iowa SRF Program applied for the FFY 2020 Capitalization Grant in the amount of \$21,508,000. Those funds were awarded in May 2020. Appendix A to the Intended Use Plan illustrates potential sources and uses of funds in the CWSRF for SFY 2021. 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 as needed. These bond issues include the state match for the next federal Capitalization Grants (see Appendix F). On February 27, 2020, IFA issued \$201,825,000 of SRF bonds. Of that amount, \$10,000,000 for Clean Water state match and \$8,000,000 for Drinking Water state match was deposited in the respective state match accounts. After the bonds are issued, the state match is spent first so the Capitalization 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 are allowed and only if the changes do not require additional technical or environmental review.

**Loan Interest Rates.** Interest rates for CWSRF planning and design loans are 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 are charged on planning and design loans. A .25% servicing fee is 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 charged on the outstanding principal balance.

**Financing Term.** Loan terms can be up to 30 years. Any project may request an extended term. The length of the term is based on a calculation of the average useful life of the entire project, 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. More information can be found in the Wastewater Engineering Construction Permitting Process Manual at <https://www.iowadnr.gov/Environmental-Protection/Water-Quality/Wastewater-Construction/Construction-Permits>.

**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 State 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

- Allowing 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

When Capitalization Grants are awarded, those funds are drawn down first based on guidance from the U.S. EPA. Loan disbursements are made weekly. In 2019, Iowa's CWSRF disbursements averaged \$14 million per month.

With a return of \$4.18 for every dollar of federal investment (compared to the national average of \$2.84), 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 2021.

#### ***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 Capitalization 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.

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 - 2020 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.

FFY 2020 Capitalization Grant was awarded in May 2020. Iowa will comply with additional subsidization and/or green project allocation requirements and will identify recipients of those funds during this fiscal year.

	<b>Add Subs Req'd.</b>	<b>Add Subs Actual</b>	<b>%</b>	<b>GPR Req'd.</b>	<b>GPR Actual</b>	<b>%</b>
<b>2017</b>	\$ 1,794,400	\$ 1,794,400	100%	\$ 1,794,400	\$ 21,236,103	1183%
<b>2018</b>	\$ 2,172,300	\$ 1,982,400	91%	\$ 2,172,300		0%
<b>2019</b>	\$ 2,150,500		0%	\$ 2,150,500		0%
<b>2020</b>	\$ 2,150,800		0%	\$ 2,150,800		0%

##### **Nonpoint Source Assistance Programs**

Nonpoint Source Assistance Programs include funds reserved for the Onsite Wastewater Assistance Program (OSWAP), Livestock Water Quality Facilities (LWQ), 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 Nonpoint Source Assistance Programs 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 2021. 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 reserved for Nonpoint Source Assistance Programs, will be made quarterly as needed. Minor adjustments in funding schedules and loan amounts 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 2021 IUP and Project Priority List was held May 14, 2020, 10:00 a.m. via conference call. 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 21, 2020. There were no written comments received but a correction to loan forgiveness and updates to program maps and grant awards were incorporated into this document during the comment period.

A public meeting to allow input to Iowa's SFY 2021 Q2 IUP and Project Priority List was held August 13, 2020, 10:00 a.m. via conference call. 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 August 20, 2020. There were no written comments received.

A public meeting to allow input to Iowa's SFY 2021 Q~~2~~<sup>3</sup> IUP and Project Priority List was held November 12, 2020, 10:00 a.m. via conference call. 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 3 attendees but no comments were taken for the record. The public comment period was open until November 19, 2020. There were no written comments received.

A public meeting to allow input to Iowa's SFY 2021 Q4 IUP and Project Priority List was held February 11, 2021, 10:00 a.m. via conference call. 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 February 18, 2021. There were no written comments received.

## **VII. PROJECT PRIORITY LIST**

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

## **VIII. SPONSORED PROJECT APPLICATION PACKET**

Attachment 2, contains the CWSRF Sponsored Project Application Instructions and Application Form which includes program guidelines, specific application requirements and forms, and provides explanations of eligible applicants and projects.

**APPENDIX A**

Iowa CWSRF State Fiscal Year 2021 Q4  
 Estimated Funding Sources and Funding Uses  
 As of 1/19/2021

**Funding Sources**

Funds Available in Equity Fund, Bond Proceeds and Program Accounts	\$149,745,000	*
<b>FFY 2021 Capitalization Grant</b>	\$21,508,000	**
<b>State Match Bond Proceeds for FFY 2021/22 Capitalization Grants</b>	\$0	
Issuance of Leveraged Bonds (Next Bond Issue Expected SFY22)	\$0	**
Equity Fund and Program Interest Earnings	\$330,000	
Loan Repayments	\$111,741,000	
<b>Total Funding Sources</b>	<b>\$283,324,000</b>	

**Funding Uses**

Undisbursed Amounts Committed to Existing Loans (40% disbursement rate)	\$96,038,000
Section 212 Project Requests (FNSI/CX issued; 15% disbursement rate)	\$35,544,000
Section 212 Project Requests (FNSI/CX not issued; 10% disbursement rate)	\$36,866,000
Planning & Design Requests (50% disbursement rate)	\$9,477,000
Non-Point Source Program Assistance	\$12,350,000
Principal Payments on Outstanding Bonds	\$44,820,000
Interest Payments on Outstanding Bonds	\$48,229,000
Program Administration From FFY20 Capitalization Grant	\$0
Program Administration From FFY 21 Capitalization Grant	\$0
<b>Total Funding Uses</b>	<b>\$283,324,000</b>

\* Funds Available for disbursements as of 1/19/21

\*\* Estimated only

\*\*\* 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 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 15% 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 Assistance 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 Assistance Programs projects will not be implemented until 90 percent of the funds reserved for that program have been 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 2017-2018 Capitalization 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.

For FFY 2019 and FFY2020 Capitalization Grants, loan forgiveness of up to 30% may be offered to eligible Disadvantaged Community (DC) status projects. Beginning in FFY 2020, eligible projects from unsewered communities with an approved Disadvantaged Unsewered Community (DUC) status may receive up to 50% loan forgiveness.

Construction must begin within 24 months of the loan forgiveness offer or the loan forgiveness offer may be withdrawn or reassigned.

<b>Project</b>	<b>Loan Amount</b>	<b>Amount Green Project Reserve</b>	<b>Amount Add Sub*</b>	<b>Grant Year Reported</b>
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
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

<b>Project</b>	<b>Loan Amount**</b>	<b>Amount Green Project Reserve</b>	<b>Amount Additional Subsidization*</b>	<b>Grant Year Reported</b>
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		885,600	2018

INHF = Iowa Natural Heritage Foundation

WRA = Wastewater Reclamation Authority

\* Up to 30% and cap of \$1 million (through 2018)

\*\* Until a loan is signed, this amount may reflect the IUP award amount

**APPENDIX D**  
**SFY 2021 Sponsored Project Funding Recommendations**

Sponsored Project loan amendments must be executed prior to the second principal payment on the sponsoring CWSRF loan or the Sponsored Project award will be withdrawn.

<b>Applicant</b>	<b>Proposed Watershed and Project Description</b>	<b>Proposed Partners</b>	<b>Date Approved</b>
City of Indianola	Stormwater best management practices to address urban stormwater runoff from highly impervious areas around town in the Felters Branch- Middle River watershed. Practices include permeable pavers as part of a four-block downtown redevelopment project to capture and treat stormwater runoff from the business district and heavily traveled transportation corridor. Other potential practices include bioretention basins and detention basin retrofits.	Warren SWCD, Simpson College, Indianola Chamber of Commerce	6/16/2020
City of Peosta	Restoration practices in Kelly Oaks including ravine stabilization, timber stand improvement, and oak savanna/ native prairie restoration to reduce sediment and nutrient loading in the South Catfish Creek Watershed. Stormwater BMPs including regional detention (wet detention or stormwater wetlands) in the Whitewater Creek watershed.	Dubuque SWCD, NRCS, Catfish Creek WMA, Maquoketa River WMA	6/16/2020
City of Perry	Stormwater wetlands to address both urban and agricultural stormwater runoff within the Frog Creek and Beaver Creek watersheds.	IDALS- DSCWQ	6/16/2020
City of Preston	BMPs including a vegetative swale, wet detention/ stormwater wetland, bioswale, and SQR in order to treat agricultural runoff to Deep Creek.	IDALS- DSCWQ	6/16/2020
City of Rockwell City	Various water quality practices including restoration opportunities, treatment wetlands, permeable pavement areas, and bioswales and bioretention areas, as a second phase in their ongoing efforts to address urban stormwater concerns and improve water quality in Lake Creek.	IDALS- DSCWQ	6/16/2020
City of Spencer	Urban stormwater best management practices at Quality Refrigerated Services and Iowa Lakes Community College to treat stormwater in the Little Sioux River watersheds & Muddy Creek.	Iowa Lake Community College, Quality Refrigerated Services	6/16/2020

City of Underwood	Urban stormwater best management practices including bioswales and bioretention cells in the Charles Creek watershed.	West Pottawattamie SWCD	6/16/2020
City of Williamsburg	Treatment of stormwater runoff, establishment of buffer zones, reduction of erosion, restoration of stream function, and restoration of soil quality through a variety of BMPs to treat/ reduce urban and agricultural runoff and streambank erosion in the Old Man's Creek watershed.	NRCS, IDALS	6/16/2020
City of Ames	Perform stream restoration to stabilize highly eroding stream banks and restore riparian buffers along portions of Squaw Creek and Skunk river to reduce sediment and nutrient loading and provide a more natural and sustainable river corridor.	IDALS- DCSWQ Urban Conservation, Squaw Creek WMA, Story County SWCD, Prairie Rivers of Iowa, Friends of Brookside Park	12/15/2020
City of Center Point	Implement a combination of stormwater BMP's including: stormwater wetlands, bioswales, permeable pavers, native plantings, soil quality restoration to reduce nutrients and sediment loading to the Apple Creek and East Branch of Blue Creek Watersheds.	IDALS- DCSWQ Urban Conservation, Linn SWCD, Northest Iowa RC&D Middle Cedar WMA	12/15/2020
City of Centerville	Install urban stormwater BMP's to reduce and treat urban stormwater runoff from highly impervious areas around town in order to reduce nitrogen, phosphorus, and sediment loadings to the Cooper Creek- Chariton River and Hickory Creek- Chariton River Watersheds.	IDALS- DCSWQ Urban Conservation, Appanoose SWCD, Appanoose County Conservation, Main Street Centerville	12/15/2020
City of Lake Park	Implement recommended practices from the Silver Lake WMP to reduce sediment and nutrient loading to Silver Lake which could include shoreline restoration/stabilization, water and sediment control basins, grade stabilization structures, wetland creation/restoration, sediment control practices, and filter strips.	IDALS- DCSWQ Urban Conservation, Dickinson CCB, IDALS Regional Coordinator, Dickinson County Clean Water Alliance	12/15/2020
City of Nevada	Implement projects to reduce loading and improve water quality in West Indian Creek and East Indian Creek in and around Nevada. Potential projects to improve water quality fall into five main categories: treatment of stormwater runoff, establishment of	IDALS- DCSWQ Urban Conservation, Prairie Rivers of Iowa, Story	12/15/2020

	buffer zones, reduction of erosion, restoration of stream function, and restoration of soil quality.	County Conservation	
City of Waverly	Construct a nutrient reduction wetland to reduce nutrient loadings to the Cedar River.	IDALS, Upper Cedar WMA, Bremer County SWCD	12/15/2020

**APPENDIX E**

**General Nonpoint Source Assistance Projects for Approval of Land Purchase**

Iowa Code 455B.291 and 455B.295 set forth the conditions by which land acquisition is eligible under this Nonpoint Source Assistance Program.

Per Iowa Administrative Code 567 Chapter 93.7(5) Ineligible costs. Costs for the purchase of land are not eligible costs unless specifically approved by the commission.

**APPENDIX F**  
**State Match**

<b>FY19</b>	<b>Cap grant Amount</b>	<b>State Match Needed</b>	<b>Excess State match</b>
CW State Match from Feb 2019 Bond Issue		\$9,208,600	
excess state match		\$0	
repay non-program income		-\$408,600	
<b>Total CW State match Available</b>		<b>\$8,800,000</b>	
<b>FY19 CW cap grant</b>	<b>\$21,505,000</b>	<b>\$4,301,000</b>	<b>\$4,499,000</b>
DW State Match from Feb 2019 Bond Issue		\$7,667,200	
excess state match		\$0	
repay non-program income		-\$467,200	
<b>Total DW State match Available</b>		<b>\$7,200,000</b>	
<b>FY19 DW cap grant</b>	<b>\$17,432,000</b>	<b>\$3,486,400</b>	<b>\$3,713,600</b>
<b>FY20</b>	<b>Cap grant Amount</b>	<b>State Match Needed</b>	<b>Excess State match</b>
Remaining CW State Match from Feb 2019 Bond Issue		\$4,499,000	
excess state match		\$0	
<b>Total CW State match Available</b>		<b>\$4,499,000</b>	
<b>FY20 CW cap grant</b>	<b>\$21,508,000</b>	<b>\$4,301,600</b>	<b>\$197,400</b>
Remaining DW State Match from Feb 2019 Bond Issue		\$3,713,600	
excess state match		\$0	
<b>Total DW State match Available</b>		<b>\$3,713,600</b>	
<b>FY20 DW cap grant</b>	<b>\$17,443,000</b>	<b>\$3,488,600</b>	<b>\$225,000</b>
<b>FY21</b>	<b>Cap grant Amount</b>	<b>State Match Needed</b>	<b>Excess State match</b>
CW State Match from Feb 2020 Bond Issue		\$10,000,000	
excess state match		\$197,400	
<b>Total CW State match Available</b>		<b>\$10,197,400</b>	
<b>FY21 CW cap grant</b>		<b>\$0</b>	
Remaining DW State Match from Feb 2019 Bond Issue		\$8,000,000	
excess state match		\$225,000	
<b>Total DW State match Available</b>		<b>\$8,225,000</b>	
<b>FY21 DW cap grant</b>		<b>\$0</b>	



# Clean Water SRF

## WATER RESOURCE RESTORATION

### Sponsored Project Application Process and Guidelines

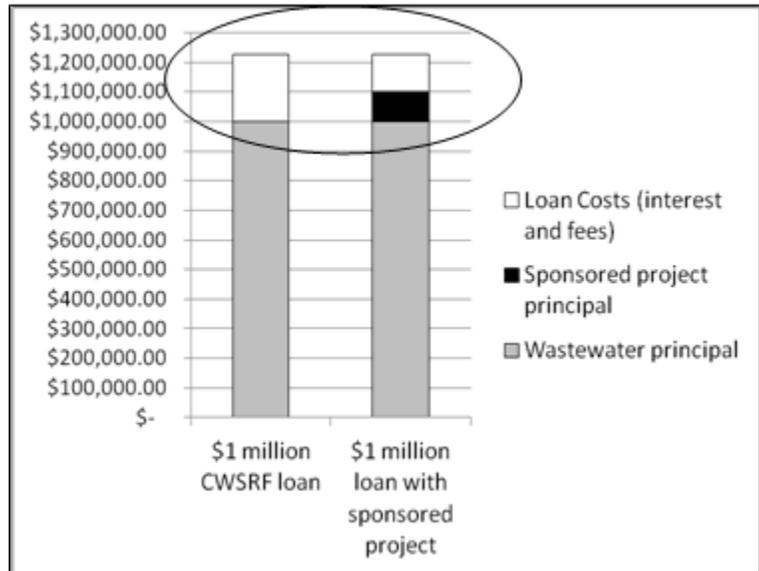
#### Background

During the 2009 Iowa General Assembly session, legislation was passed to allow a new method for funding water quality protection. SF 339 amended the Iowa Code to add a new category of projects that can be financed with sewer revenues. This new category, called “water resource restoration sponsored projects,” includes locally directed, watershed-based projects to address water quality problems.

Previously, in Iowa Code 384.80, utility revenues could only be used for construction and improvements for the wastewater system itself. With this legislation, wastewater utilities can also finance and pay for projects, within or outside the corporate limits, that cover best management practices for nonpoint source pollution control.

This program has been implemented through the Clean Water State Revolving Fund (CWSRF), a loan program for construction of water quality facilities and practices.

On a typical CWSRF loan, the utility borrows principal and repays principal plus interest and fees. As shown, on a CWSRF loan with a sponsored project, the utility borrows for both the wastewater improvement project and the sponsored project. However, through an overall interest rate reduction, the utility’s ratepayers do not pay any more than they would have for just the wastewater improvements. Instead, two water quality projects are completed for the cost of one.



**Next deadline: March 1, 2021**

*Please read the information carefully, use the application process checklist, and provide complete application materials.*

## **Eligible Applicants**

Eligible applicants include the following only:

1. Applicants submitting sponsored project applications at the same time as their wastewater infrastructure Intended Use Plan application. The wastewater IUP application must be complete and eligible to be placed on the fundable list. Deadline for both applications: [March 1, 2021](#).
2. Applicants with wastewater projects already included on the fundable list of the CWSRF Intended Use Plan which are still in the “Planning” phase. Deadline for sponsored project application: [March 1, 2021](#).

The following will disqualify an applicant for pursuing a sponsored project:

- The sponsored project application is submitted with an incomplete wastewater IUP application. The wastewater IUP application packet includes a checklist for determining a project’s readiness to be placed on the Intended Use Plan. Sponsored project applications submitted with incomplete wastewater IUP applications will not be considered.
- The applicant’s wastewater project has reached the “Ready for Loan” milestones as of [March 1, 2021](#). This classification indicates that construction permits have been issued, environmental review is complete, and in some cases, that the project has gone out to bid. Applicants may not delay their wastewater project construction or financing in order to apply for a sponsored project.
- The wastewater loan has already been executed.

## **Requirement and Deadline for Pre-Application Consultation**

Wastewater utilities interested in applying for a sponsored project must participate in a pre-application consultation with SRF staff. The purpose of the consultation is to discuss sponsored project program and application requirements, project planning, and potential issues before the utility commits to preparing an application.

Along with this consultation, a site visit conducted with the conservation organization with which the utility plans to work is required.

Potential applicants must **hold** a pre-application conference call with the DNR by [December 18, 2020](#). Schedule a conference by e-mailing Lee Wagner at [lee.wagner@dnr.iowa.gov](mailto:lee.wagner@dnr.iowa.gov). Contact DNR well ahead to provide enough time to schedule the conference call and to prepare an application.

The pre-application consultation will be conducted by conference call and will cover the following agenda:

1. Applicant eligibility based on status of CWSRF infrastructure loan
2. Water resource proposed for protection or restoration
3. Watershed assessment requirements
4. Project partners, including required participation of a conservation organization
5. Eligibility of potential practices
6. Approximate project schedule and budget
7. New requirement for communication plan
8. Maintenance requirements for life of practice

### **Requirement for Watershed Approach**

The project must improve water quality in the watershed in which the publicly owned wastewater utility is located. A watershed is the area of land that drains into a lake or specific location on a stream. Water traveling over the surface or through groundwater may pick up contaminants like sediment, chemicals and waste and deposit them in a body of water.

The watershed within an incorporated city may all eventually drain into the same river or lake. However, each storm drain outfall or discharge point into the waterbody also has its own smaller, sub-watershed. Water quality enhancement practices are designed and engineered at this sub-watershed scale. Cities also often have drainage passing through them from upstream watershed areas. While these upstream watersheds also can influence water quality conditions within a city the watershed area is typically outside the municipal jurisdiction. Upstream watersheds provide unique opportunities for cities to gain partners and additional resources in tackling water quality concerns.

The specific water quality concern to be addressed, waterbody, and watershed must be clearly defined. The wastewater utility's governing board will select the watershed or sub-watershed selected for this water resource restoration project application. The board will also select the water quality aspect the project focuses on, such as reducing sediment in stormwater or limiting nutrient enrichment. Projects can be located within a sub-watershed entirely inside municipal boundaries or in an upstream watershed.

Once selected, the watershed or sub-watershed requires assessment and planning to develop a quantifiable water quality enhancement plan. All assessments and planning methods use established methods that quantify land cover, contaminant inputs, and delivery mechanisms. The applicant may use existing assessment data identifying and quantifying the water quality problems to be addressed in the project, including data from the impacted waterbody as well as the upstream watershed or sub-watershed.

This plan for enhancing water quality in a sub-watershed can be as complex or as simple as needed to make a quantifiable water quality improvement in the targeted waterbody. Watershed planning, regardless of the scale of the watershed and the complexity or simplicity of the approach, involves the following nine elements, and creates a road map for identifying and implementing the most effective and appropriate water quality practices to address the identified water quality concern within the defined watershed.

These elements are explained in detail in the “Watershed Project Planning Protocol Technical Guide” located at:

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs142p2\\_007659.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_007659.pdf).

1. Identify the water quality concern
2. Determine reasonable objectives
3. Inventory watershed
4. Analyze watershed data
5. Formulate alternatives
6. Evaluate alternatives
7. Make decisions and complete the plan
8. Implement the plan
9. Evaluate the plan

While the sponsored project included in an application may not have a complete watershed management plan accompanying it, the project should be aligned with reaching goals that would be consistent in an overall watershed management plan.

In some areas of Iowa, watershed management plans have already been developed and could be used as the basis for sponsored projects. A map of the areas and the plans are posted at: <http://www.iowadnr.gov/Environment/WaterQuality/WatershedImprovement/WatershedPlanning/ManagementPlans.aspx>.

In other areas, watershed organizations are still developing plans or seeking funding. For more information on watershed planning areas, contact Steve Hopkins at [Stephen.hopkins@dnr.iowa.gov](mailto:Stephen.hopkins@dnr.iowa.gov).

***Note: Stream restoration projects are required to use the [Iowa River Restoration Toolbox decision tool and guidance in performing the stream assessment and the design of restoration practices](#).***

### **Requirement for Watershed Organization Involvement in Project Planning**

Wastewater utilities are required to include Soil and Water Conservation Districts and/or local watershed organizations, Watershed Management Authorities, and County Conservation Boards in project development and planning and design. These organizations provide technical assistance and expertise for water quality projects.

The applicant must identify the organization or organizations that will be involved with the planning and project development and design.

Before approving an application, DNR will contact the organization or organizations for confirmation of involvement, how the proposed project fits in with other organizational or watershed efforts, and the organization’s support for the project concept and approach.

A map and directory of the Soil and Water Conservation Districts, which are located in each county, can be found at <https://idals.iowa.gov/FARMS/index.php/districtMap>.

If the project involves urban stormwater issues and practices, the applicant must involve one of the urban conservationists from the Iowa Department of Agriculture and Land Stewardship:

- Paul Miller, Wallace Building, Des Moines; 515-281-5833; [Paul.Miller@iowaagriculture.gov](mailto:Paul.Miller@iowaagriculture.gov)
- Derek Namanny, Wallace Building, Des Moines; 515-725-0150; [Derek.Namanny@iowaagriculture.gov](mailto:Derek.Namanny@iowaagriculture.gov)
- Jennifer Welch, Ankeny; 515-964-1883 ext. 3; [Jennifer.Welch@ia.nacdnet.net](mailto:Jennifer.Welch@ia.nacdnet.net)
- Amy Bouska, Iowa City; 319-337-2322 ext. 3; [Amy.Bouska@ia.nacdnet.net](mailto:Amy.Bouska@ia.nacdnet.net)

### **Eligible Projects**

Eligible projects include the following categories of projects that are eligible for the Clean Water SRF under the Section 319 (nonpoint source) Clean Water Act authority:

- Category VI-C. Green infrastructure. This category includes costs to address the storm water management program activities associated with the planning, design, and construction of low impact development and green infrastructure, such as bioretention, constructed wetlands, permeable pavement, rain gardens, green roofs, cisterns, rain barrels, vegetated swales, and restoration of riparian buffers and flood plains. Projects in this category can be both publicly owned and privately owned.
- Category VII-A. Nonpoint source (NPS) control: agriculture (cropland). This category includes costs to address NPS pollution control needs associated with agricultural activities related to croplands, such as plowing, pesticide spraying, irrigation, fertilizing, planting, and harvesting.
- Category VII-B. NPS control: agriculture (animals). This category includes costs that address NPS pollution control needs associated with agricultural activities related to animal production, such as confined animal facilities, open feedlots, and grazing.
- Category VII-C. NPS control: silviculture. This category includes costs that address NPS pollution control needs associated with forestry activities such as removal of streamside vegetation, road construction and use, timber harvesting, and mechanical preparation for the planting of trees.
- Category VII-E. NPS control: groundwater protection (unknown source). This category includes costs that address groundwater protection NPS pollution control needs such as wellhead and recharge protection activities.
- Category VII-F. NPS control: marinas. This category includes costs that address NPS pollution control needs associated with boating and marinas, such as poorly flushed waterways, boat maintenance activities, discharge of sewage from boats, and the physical alteration of shoreline, wetlands, and aquatic habitat during the construction and operation of marinas.
- Category VII-G. NPS control: resource extraction. This category includes costs that address NPS pollution control needs associated with mining and quarrying activities.
- Category VII-H. NPS control: brownfields. This category includes costs that address NPS pollution control needs associated with abandoned industrial sites which might have residual contamination (brownfields).

- Category VII–I. NPS control: storage tanks. This category includes costs that address NPS pollution control needs associated with tanks designed to hold gasoline, other petroleum products, or chemicals. The tanks may be located above or below ground level.
- Category VII–J. NPS control: landfills. This category includes costs that address NPS pollution control needs associated with sanitary landfills.
- Category VII–K. NPS control: hydromodification. This category includes costs to address the degradation of water resources as a result of altering the hydrological characteristics of noncoastal waters, including channelization and channel modification, dam, and streambank and shoreline erosion. Work involving wetland or riparian area protection or restoration is included in this category.

Land or easements cannot be acquired through condemnation.

Ineligible projects or practices include: passive recreation activities and trails including bike trails, playgrounds, sports fields, picnic tables, and picnic grounds; diverse habitat creation contrary to the botanical history of the area; planting of nonnative plant species; dredging; and supplemental environmental projects required as a part of a consent decree.

### **Sponsored Project Application**

Wastewater utilities interested in conducting a sponsored project will use the standard CWSRF Intended Use Plan application for the infrastructure project. The separate CWSRF sponsored project application must also be completed and submitted, along with the following attachments:

- Authorizing resolution passed by the wastewater utility's governing board for the sponsored project application;
- Identification of any third-party entity involved and the potential need for a 28E agreement between the utility and the qualified entity;
- Identification of water quality organization and any other parties involved in the project, including a description of their expected involvement and contribution to funding, planning, design, selection, and/or implementation;
- Letters of support from project partners including a description of their involvement or contribution to the project;
- Letter from the wastewater utility's bond counsel indicating concurrence with the sponsored project concept;
- Project conceptual plans, including:
  - Clearly identified waterbody and water quality concern that are the focus of the application as well as the clearly identified watershed within which the project will be located;
  - Assessment of the impacted waterbody and the entire contributing watershed identified as the focus of the application. Include water quality data, maps, and other documentation that evaluates land use, topography, soils, hydrology, etc. adequately to identify the water quality concern being addressed, sources of the water quality concern, and priority areas contributing to the identified water quality;
  - Discussion of specific project goals and objectives for addressing the identified water quality concern and the impacted waterbody;

- Evaluation of priority areas identified by the watershed assessment and the possible water quality practices that could be implemented, considering the unique demographic, topographic, hydrologic, and institutional characteristics of the planning area. Include discussion of how the potential project areas were selected and prioritized based on the contributions to the water quality concern identified in the assessment and other factors that were considered in the prioritization process;
- Description of potential practices to be implemented with the expected water quality outcomes. Include drainage area and water quality volume, pollutant inputs and load reductions estimates or calculations, as applicable, for the areas where practices are proposed in the project;
- Discussion of project locations, land ownership, and any plans for acquiring properties or easements. Proposed projects not on City owned land will need to provide a letter of support from the land owner;
- Proposed project schedule for the associated CWSRF project and proposed sponsored project with major milestones, along with a discussion of how the sponsored project construction schedule coordinates with the infrastructure project schedule;
- Proposed evaluation procedures and measures that will be utilized to determine the water quality improvement and overall success of the project;
- Explanation of the proposed budget, including identification of all other potential or secured funding sources and amounts, discussion of how the project could be adjusted according to final amount available through sponsored project mechanism and other funding sources;
- Discussion of plans to maintain the practices and how maintenance will be funded for the life of the practice.
- Preliminary communication plan indicating how information about the proposed project will be communicated to and from key audiences, such as community residents, neighbors, city council or other decision-makers, and other stakeholder groups.

### **Funding Limitations**

For loans up to 20 years, the interest rate on the combined infrastructure/sponsored project loan may be reduced to a rate to fund the nonpoint source project equivalent of up to 1% of forgone interest. This equals approximately \$100,000 per \$1 million CWSRF loan.

On a typical \$1 million, 20-year CWSRF loan at the current interest rate and fees, the utility would repay \$1,227,000, which equals the principal plus approximately \$227,000 in loan costs. With the addition of \$100,000 in principal borrowed for the sponsored project and a reduction in the overall interest rate, the amount repaid is still \$1,227,000. The final interest rate will not be less than 0.75%.

Thirty- year terms will be allowed but the amount of interest allowed for sponsored projects will remain approximately \$100,000 per million.

The amount available for the sponsored project will be a maximum of the lowest of the following amounts:

- The amount requested by the applicant on the sponsored project application.
- 10% of the requested wastewater loan amount on the most current Intended Use Plan.

- 10% of the final amount drawn on the wastewater loan.

Example 1: Wastewater IUP amount = \$1,000,000. Sponsored project amount requested = \$100,000. Final amount drawn = \$900,000.

Maximum sponsored project funding available = \$90,000.

Example 2: Wastewater IUP amount = \$1,000,000. Sponsored project amount requested = \$100,000. Executed loan and final amount drawn = \$1,200,000.

Maximum sponsored project funding available = \$100,000.

The amount available for the sponsored project may also be affected by the construction schedules of both projects and the need for additional bond counsel fees.

The amount allocated for Water Resource Restoration Sponsored Projects in SFY 2021 is \$10 million. This amount is based on the amount of lost program income the CWSRF can afford to lose as a result of interest rate reductions for Sponsored Projects. In order to fund all eligible applications, the DNR reserves the right to cap individual application funding awards at a percentage of the total amount allocated for Sponsored Projects.

### **Application Evaluation and Scoring**

The DNR will review all applications received. Only complete applications will be considered for funding. A complete application includes a completed application form and attachments containing the required information described in the Sponsored Project Application Section. Those that score the highest (see the CWSRF priority ranking below) will be listed on the next quarterly IUP update for approval by the Iowa Environmental Protection Commission. Lower-scoring projects may be listed as contingency projects or the DNR may choose not to use the total amount set aside for the funding period.

### **Points Scoring**

The existing project priority ranking system in Iowa Administrative Code 567 – 91.8 will be used to score the sponsored project applications if complete application requests exceed the amount of funding available. The priority score of the wastewater infrastructure project will not be considered in the evaluation of the sponsored project.

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. 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 tiebreaker category will be used when necessary.

## **Sponsored Project Manual**

Applicants that are approved for funding will be contacted after the EPC meeting to schedule a project initiation meeting and to begin the sponsored project review and approval process. All information about the review and approval process is included in the Sponsored Project Manual which is online on the SRF website at: [http://www.iowasrf.com/about\\_srf/sponsored-project-manual/](http://www.iowasrf.com/about_srf/sponsored-project-manual/). Applicants should review the manual information to become familiar with the process.

## **Special Notes**

Sponsors of approved projects will be required to follow project review and implementation guidelines established in the Water Resource Restoration Sponsored [Projects Milestone Checklist](#).

Water quality practices funded through sponsored projects must be maintained for the useful design life of the practice. Sponsored Project recipients will be required to develop and execute a maintenance plan for all practices, and agree to a [Water Resource Restoration Sponsored Project Performance Agreement](#) to ensure that the water quality practices being funded are constructed and maintained in a manner that will achieve, and continue to provide, the water quality improvement according to the approved design.

The waterbody, watershed, and water quality concern identified in the Water Resource Restoration Sponsored Project application cannot be changed after an application has been awarded funding.

## **For More Information**

Contact Lee Wagner, SRF Nonpoint Source Program Manager, 515-725-0992 or [lee.wagner@dnr.iowa.gov](mailto:lee.wagner@dnr.iowa.gov).



**Clean Water SRF  
WATER RESOURCE RESTORATION  
Sponsored Projects**

**APPLICATION COMPLETENESS CHECKLIST**

- Pre-application consultation held \_\_\_\_\_ (date – must be by **December 18, 2020**)
- Application and required attachments (in pdf format) submitted electronically via e-mail, sent by **4:00 p.m. on March 1, 2021.**
  - (If submitting application by mail, a hard copy with original signatures and media containing electronic files must be postmarked by **March 1, 2021**)
- Application signed by authorized official
- CWSRF wastewater project is eligible
- Acquisition of Property Form signed by authorized official
- Authorizing resolution passed by the wastewater utility's governing board for the sponsored project application
- Identification of any third-party entity involved and the potential need for a 28E agreement between the utility and the qualified entity
- Identification of water quality organization and any other parties and their expected contribution to the project
- Letters of support from project partners
- Letter from the wastewater utility's bond counsel indicating concurrence with the sponsored project concept
- Project Conceptual Plan including:
  - Identification of the waterbody, watershed, and water quality concern
  - Assessment of the impacted waterbody and its watershed
  - Discussion of project goals and objectives
  - Evaluation of priority areas identified in the watershed assessment and possible water quality practices that could be implemented
  - Description of potential practices to be implemented with the expected water quality outcomes
  - Discussion of project locations, land ownership, and any plans for acquiring properties or easements
  - Proposed project schedule with major milestones, and discussion of the associated infrastructure project schedule
  - Proposed evaluation procedures and measures
  - Explanation of the proposed budget
  - Discussion of maintenance for the life of the proposed practice(s)
- Preliminary communication plan



# Clean Water SRF

## WATER RESOURCE RESTORATION

### Sponsored Project Application

#### Application Instructions:

- Review and follow the application requirements in the Sponsored Project Application Process and Guidelines.
- Please print or type the information on the form.
- Complete each section of the application form.
- Sign the application.
- Attach supporting documentation.
- Scan and submit the entire application, with attachments, in PDF form to [lee.wagner@dnr.iowa.gov](mailto:lee.wagner@dnr.iowa.gov). OR, if attachments are too large to transmit, e-mail the application form only and mail the complete application per instructions below.

**Application must be e-mailed by 4:00 p.m. on March 1, 2021**

- **If submitting application by mail**, send the application form with original signatures, all attachments, and media storage device containing electronic files to the following address:

State Revolving Fund  
Iowa Department of Natural Resources  
Wallace State Office Building, 502 E. 9<sup>th</sup> Street  
Des Moines, IA 50319-0034

**Must be postmarked by March 1, 2021**

#### Section 1: Applicant Information

(This information relates to the wastewater utility that will be the Clean Water SRF borrower.)

<b>Applicant Name:</b>	
<b>Mailing Address:</b>	
<b>City, State, Zip + 4</b>	
<b>Authorized Representative:</b>	
<b>Signature:</b>	
<b>Title:</b>	
<b>Telephone Number:</b>	
<b>E-mail:</b>	

#### Section 2: SRF Project Status

<b>Choose One</b>	<input type="checkbox"/> The project is on the CWSRF Intended Use Plan and is in the "Planning" phase, SRF Number CS1920
	<input type="checkbox"/> We are submitting this sponsored project application in conjunction with our CWSRF Intended Use Plan application for DNR Project Number S -



**Section 5: Water Quality Organization(s) Involved in Project Planning**

Organization	Contact Person	Email Address

**Section 6: Qualified Entity Information**

Is the applicant proposing to enter into an agreement with a qualified third party entity to implement the sponsored project?

<input type="checkbox"/> No		
<input type="checkbox"/> Yes	Organization:	

**Section 7: Sponsored Project Cost**

Cost Category	Total Estimated Project Costs	Costs to be Covered from Other Funds	Costs to be Allocated from Up to 1% of SRF Loan Interest
Land and Easements			
Relocation Expenses			
Professional Planning Fees			
Professional Design Fees			
Professional Construction Fees			
Construction			
Equipment			
Miscellaneous			
Bond Counsel Fees			
Contingencies			
<b>TOTAL</b>			

## Section 8: Attachments

Attachments must be submitted with the application. Applications will not be considered complete unless all required attachments are submitted.

- Authorizing resolution passed by the wastewater utility's governing board for the sponsored project application;
- Identification of any third-party entity involved and the potential need for a 28E agreement between the utility and the qualified entity;
- Identification of water quality organization and any other parties involved in the project, including a description of their expected involvement and contribution to funding, planning, design, selection, and/or implementation;
- Letters of support from project partners including a description of their involvement or contribution to the project;
- Letter from the wastewater utility's bond counsel indicating concurrence with the sponsored project concept;
- Project conceptual plans, including:
  - Clearly identified waterbody and water quality concern that are the focus of the application as well as the clearly identified watershed within which the project will be located;
  - Assessment of the impacted waterbody and the entire contributing watershed identified as the focus of the application. Include water quality data, maps, and other documentation that evaluates land use, topography, soils, hydrology, etc. adequately to identify the water quality concern being addressed, sources of the water quality concern, and priority areas contributing to the identified water quality;
  - Discussion of specific project goals and objectives for addressing the identified water quality concern and the impacted waterbody;
  - Evaluation of priority areas identified by the watershed assessment and the possible water quality practices that could be implemented, considering the unique demographic, topographic, hydrologic, and institutional characteristics of the planning area. Include discussion of how the potential project areas were selected and prioritized based on the contributions to the water quality concern identified in the assessment and other factors that were considered in the prioritization process;
  - Description of potential practices to be implemented with the expected water quality outcomes. Include drainage area and water quality volume, pollutant inputs and load reductions estimates or calculations, as applicable, for the areas where practices are proposed in the project;
  - Discussion of project locations, land ownership, and any plans for acquiring properties or easements. Proposed projects not on City owned land will need to provide a letter of support from the land owner;
  - Proposed project schedule for the associated CWSRF project and proposed sponsored project with major milestones, along with a discussion of how the sponsored project construction schedule coordinates with the infrastructure project schedule;
  - Proposed evaluation procedures and measures that will be utilized to determine the water quality improvement and overall success of the project;
  - Explanation of the proposed budget, including identification of all other potential or secured funding sources and amounts, discussion of how the project could be adjusted according to final amount available through sponsored project mechanism and other funding sources;
  - Discussion of plans to maintain the practices and how maintenance will be funded for the life of the practice.
- Preliminary communication plan indicating how information about the proposed project will be communicated to and from key audiences, such as community residents, neighbors, city council or other decision-makers, and other stakeholder groups.

## Section 9: Acquisition of Property – Required Form

U.S. ENVIRONMENTAL PROTECTION AGENCY  
ASSURANCE WITH RESPECT TO REAL PROPERTY ACQUISITION  
OF TITLE III OF THE UNIFORM RELOCATION ASSISTANCE AND REAL PROPERTY  
ACQUISITION POLICIES ACT OF 1970 AS AMENDED

The \_\_\_\_\_ (Applicant) hereby assures that it has authority under applicable State and local law to comply with Section 213 of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, Public Law 91-646, 84 Stat. 1894 (42 U.S.C. 4601) as amended by the Surface Transportation and Uniform Relocation Assistance Act of 1987, Title IV of Public Law 100-17, 101 Stat. 246-256 (42 U.S.C. 4601 note) and 49 CFR 1.48(cc); and certifies, assures and agrees that, notwithstanding any other provision set forth in the application.

1. For projects resulting in the displacement of any person:
  - a. It will adequately inform the public of the relocation payments and services which will be available as set forth in Subparts A, C, D and E of 49 CFR 24.
  - b. It will provide fair and reasonable relocation payments to displaced persons as required by Subparts D and E of 49 CFR 24.
  - c. It will provide a relocation assistance program for displaced persons offering services described in Subpart C of 49 CFR 24.
  - d. Comparable replacement dwellings will be available pursuant to Subpart F of 49 CFR 24, or provided if necessary, a reasonable period in advance of the time any person is displaced.
  - e. In acquiring real property, it will provide at least 90 days written notice to each lawful occupant of real property acquired, stating the date such occupant is required to move from a dwelling or to move his business or farm operation.
  
2. For projects resulting in the acquisition of real property:
  - a. It will fully comply with the requirements of Subpart B of 49 CFR 24.
  - b. It will adequately inform the public of the acquisition policies, requirements and payments which apply to the project.
  - c. It will make every effort to acquire real property expeditiously through negotiation.
  - d. Before the initiation of negotiations it will have the real property appraised and give the owner or his representative an opportunity to accompany the appraiser during inspection of the property, except as provided in 49 CFR 24.102(c)(2).
  - e. Before the initiation of negotiations it will establish an amount which it believes to be just compensation for the real property, and make a prompt offer to acquire the property for that amount; and at the same time it will provide the owner a written statement of the basis for such amount in accordance with 49 CFR 24.102.
  - f. Before requiring any owner to surrender possession of real property it will pay the agreed purchase price; or deposit with the court, for the benefit of the owner, an amount not less than the approved appraisal of the fair market value of the property; or pay the amount of the award of compensation in a condemnation proceeding for the property.
  - g. If interest in real property is to be acquired by exercise of the power of eminent domain, it will institute formal condemnation proceedings and not intentionally make it necessary for an owner to institute legal proceedings to prove the fact of the taking of this real property; and
  - h. It will offer to acquire the entire property, if acquisition of only part of a property would leave its owner with an uneconomic remnant.

References to 49 CFR are citations to Title 49, Code of Federal Regulations, Part 24, published in the Federal Register Vol. 54, No. 40, March 2, 1989.

This document is hereby made part of and incorporated in any contract or agreement, or any supplements and amendments thereto, relating to the above-identified application and shall be deemed to supersede any provision therein to the extent that such provisions conflict with the assurances or agreements provided therein.

\_\_\_\_\_  
(Legal Name of Applicant)

By \_\_\_\_\_  
(Signature of Authorized Representative)

\_\_\_\_\_  
(Date)

# **FY 2021 INTENDED USE PLANS**

## **Drinking Water State Revolving Fund**



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# FY 2021 INTENDED USE PLANS

## Drinking Water State Revolving Fund



### I. STATE FISCAL YEAR 2021 PLAN OF ACTION

The plan is based on anticipated use of new and revolved 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 2021 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 2021 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 2021 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 2021, 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 2021, viability assessments will be completed by each applicant and reviewed by SRF staff prior to the signing of a 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. Staff*

*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 2021, 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. The SRF Program will reimburse up to \$4000 of the MA fee to the borrowers.*
- Goal: Implement the “Use of American Iron and Steel (AIS)” requirements enacted by Congress on January 17, 2014. *Objective: During SFY 2021, 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, 2019 and FFY 2020 Capitalization Grants to disadvantaged community projects and public health projects. *Objective: During SFY 2021 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, 2019 and FFY2020 Capitalization Grants.*
- Goal: Promote and identify sustainable practices in projects proposed for funding. *Objective: During SFY 2021 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 2021, 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 2021 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 2021 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 2021 this option will be offered to all projects on the project priority list. Applicants seeking extended financing must complete a worksheet outlining the anticipated useful life of the project components. The average weighted useful life is used to determine the extended term of the loan.*
- Goal: Maintain mechanisms for funding the on-going administration of the program if federal funding is reduced or eliminated. *Objective: During SFY 2021 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 2021 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 2021 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 or dissolve 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. A draft letter was shared with Iowa last fiscal year which proposes the elimination of the Operating Agreement between Region 7 states and EPA. That letter is awaiting final approval by EPA.*

### **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 Capitalization 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).

The cash draw procedure used is the direct loan method. The Iowa DWSRF program uses its equity fund to originate loans. When a sufficient number of loans have been made, the SRF program issues bonds and uses the

bond proceeds to replenish the equity fund. Iowa's bonds are cross-collateralized across both the Clean Water and Drinking Water SRF accounts. State match bonds are issued at the same time that leveraged bond issues are done for greater cost effectiveness. 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 issued bonds in 2019, which included the state match for FFY 2019 and FFY 2020 Capitalization Grants. Bonds were issued in February 2020 which included state match for future Capitalization Grants.

### ***SFY 2021 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.

The Iowa SRF Program is able to fund all eligible projects. Projects are added to the project priority list to be funded based on the State's implementation rules for the DWSRF program (567 IAC 44).

Projects will be funded as they become ready to proceed to construction. 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 2021:

**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 2021 will be added to the project priority list. Applications will be accepted on a continuous basis and quarterly updates completed as needed. Intended Use Plan applications can be found on the SRF website at [www.iowasrf.com](http://www.iowasrf.com) and on the DNR Drinking Water State Revolving Loan Fund website at <https://www.iowadnr.gov/Environmental-Protection/Water-Quality/Water-Supply-Engineering/State-Revolving-Loan-Fund> and submitted to [srf-iup@dnr.iowa.gov](mailto:srf-iup@dnr.iowa.gov).

**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. Requests for planning and design loans are listed on the project priority list but have not been assigned priority points. Planning & Design Loan applications can be found on the SRF website at [http://www.iowasrf.com/program/planning\\_design\\_loans/](http://www.iowasrf.com/program/planning_design_loans/).

**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 but projects that improve water quality, including water that is used as source for drinking water, are eligible for loans under the Clean Water SRF Nonpoint Source Program.

**Capitalization Grant Requirements.** The FFY 2016 - 2020 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 and FFY 2020 Capitalization Grants, the Safe Drinking Water Act (SDWA) requires an additional 6% of Capitalization 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 (Attachment 1). Time limits may be established for loan commitments in order to apply loan forgiveness awards.

Once the FFY 2020 Capitalization Grant is awarded, Iowa will comply with additional subsidization and DAC requirements and will identify recipients of those funds during this fiscal year.

	Add Subs Req'd.	Add Subs Actual	%	DAC Req'd.	DAC Actual	%
2016	\$ 2,486,400	\$ 2,490,000	100%	N/A	N/A	N/A
2017	\$ 2,465,200	\$ 2,465,200	100%	N/A	N/A	N/A
2018	\$ 3,519,400	\$ 3,494,464	99%	N/A	N/A	N/A
2019	\$ 3,486,400	\$	0%	\$ 1,045,920	\$	
2020	\$ 2,442,020	\$	0%	\$ 1,046,580	\$	

## 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. Iowa has been allocated \$17,443,000 for the FFY 2020 Capitalization Grant. The Iowa SRF Program intends to apply for this grant and anticipates receiving the award during this fiscal year. Appendix A to the Intended Use Plan illustrates potential sources and uses of funds in the DWSRF for SFY 2021. 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 as needed. These bond issues include the state match for the next federal Capitalization Grants (see Appendix D). 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. The FFY19 Clean Water Capitalization grant was matched with \$4,301,000 and the FFY19 Drinking Water Capitalization grant was matched with \$3,486,400. The remainder of the match funds will be used for the FFY20 Capitalization grants. After the bonds are issued, the state match is spent first so the Capitalization Grant can be drawn down at 100% when it is received. All of those state match funds have been disbursed to loan recipients. On February 27, 2020, IFA issued \$201,825,000 of SRF bonds. Of that amount, \$10,000,000 was for Clean Water state match and \$8,000,000 was for Drinking Water state match. The match money was deposited in the respective state match accounts for future Capitalization Grants.

### **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.** Interest rates for DWSRF planning and design loans are 0% for up to three years.

The interest rates 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.

**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. Loan servicing fees are charged on the outstanding principal balance.

**Maximum Financing.** There is no maximum financing amount.

**Project Readiness.** Applicants cannot be offered assistance until they meet program requirements. More information can be found in the Water Supply Construction Permitting Process Manual at <https://www.iowadnr.gov/Environmental-Protection/Water-Quality/Water-Supply-Engineering/State-Revolving-Loan-Fund>.

**Funding Limitations.** Pending loans identified in this IUP do not exceed funds obtainable for the DWSRF Program.

**Extended Financing and Disadvantaged Status.** The Iowa SRF can provide extended terms of up to 30 years for any loan as long as 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%.

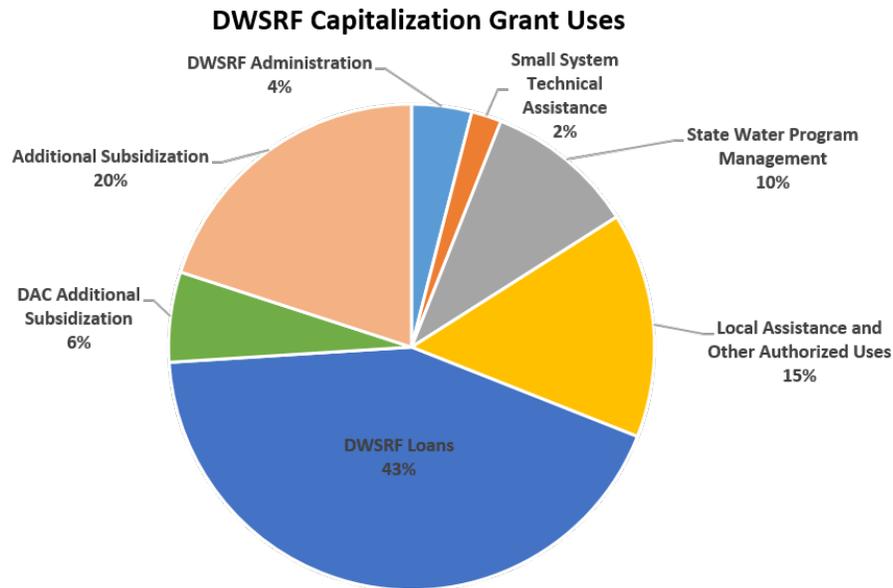
The department will use the table of estimated useful lives from EPA's publication 816-R-03-016 to determine the length of the loan for eligible expenses. The consulting engineer for the project will be required to separate and itemize costs so that a weighted maturity may be calculated for loan repayment. 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 set-side funds from the allowed amounts 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 this set-aside 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. This will include the administration and proctoring of examinations in all six regions of the state, provide training for new Grade A water system operators, and provide 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

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

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
- Development of SWP plans and review and assist with 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 Capitalization Grant 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 which is include in the loan principal. The fees are deposited outside of the fund. The maximum amount charged is \$100,000. Under EPA rules, because Iowa's origination fees are financed through the loans, the proceeds are considered Program Income. Iowa uses the initiation fee receipts for administration of the DWSRF Program.
- Loan servicing fees. An annual servicing fee of 0.25% is charged on the outstanding principal of DWSRF loans. The fees are deposited outside of 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 Capitalization Grant is closed are used for other purposes under SDWA 1452.

**Program Income.** As of March 2020, there was approximately \$5.9 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 2021 for program administration, and the remainder will be reserved for future administrative expenses.

**Non-program Income.** As of March 2020, there was \$9.8 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 2021 to fund some of the activities completed under the State Program Management set-aside.

### ***SEE Salary Funds Deducted from Capitalization Grant***

In the next grant application, the Iowa DNR may request U.S. EPA to deduct funds from FFY 2020 Capitalization Grant for the SEE Program. SEE Program 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."

### ***Surface Water Curriculum Development Funds Deducted from the Capitalization Grant***

The Iowa DNR is working on a project to develop advanced training for operators who currently operate surface water treatment plants. The Environmental Protection Agency is offering contracting services to help facilitate advanced surface water training with Process Applications Inc. The training will consist of six modules conducted over a three year period. Each session will last one or two days and will include a mix of presentations and small group workshops.

Module topics include:

- 1) Regulations and implementation
- 2) Surface water optimization
- 3) Coagulation, flocculation, and sedimentation

- 4) Filtration and residuals handling
- 5) Disinfection
- 6) Advanced topics such as jar test calibration, manganese control, cyanotoxin control, enhanced TOC removal, and source water considerations.

### ***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 in 2019.

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 \$2.93 for every dollar of federal investment (compared to the national average of \$2.00), 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 will draw grant funds based on designated uses on a first in, first out basis in order to close out 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.

#### ***Priority of Communities and Financial Assistance Needed***

Iowa law provides only for loan assistance. Additional subsidization required by the FFY 2018, 2019 and FFY 2020 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 can receive financial assistance for all eligible planning and project costs provided the project is on the Project Priority 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 remain on the list until the criteria is met or it may be removed from the 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 2021. 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 and loan amounts 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 2021 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 2021 IUP and Project Priority List was held May 14, 2020, 10:00 a.m. via conference call. 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 21, 2020. There were no written comments.

A public meeting to allow input to Iowa's SFY 2021 Q2 IUP and Project Priority List was held August 13, 2020, 10:00 a.m. via conference call. 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 August 20, 2020. There were no written comments received.

A public meeting to allow input to Iowa's SFY 2021 Q~~2~~<sup>3</sup> IUP and Project Priority List was held November 12, 2020, 10:00 a.m. via conference call. 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 3 attendees but no comments were taken for the record. The public comment period was open until November 19, 2020. There were no written comments received.

A public meeting to allow input to Iowa's SFY 2021 Q4 IUP and Project Priority List was held February 11, 2021, 10:00 a.m. via conference call. 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 February 18, 2021. There were no written comments received.

**VII. PROJECT PRIORITY LIST**

Attachment 1, the DWSRF Project Priority List, is included in a separate, sortable Excel file.

**APPENDIX A**

**Iowa DWSRF State Fiscal Year 2021 Q4  
Estimated Funding Sources and Funding Uses  
As of 1/19/21**

**Funding Sources for Loans**

Funds Available in Equity Fund, Bond Proceeds and Program Accounts	\$123,415,000 *
<b>FFY 2021 Capitalization Grant</b>	\$12,028,000 **
<b>State Match Bond Proceeds for FFY 2021/22 Capitalization Grants</b>	\$0
Issuance of Leveraged Bonds (Next Bond Issue Expected SFY22)	\$0 **
Equity Fund and Program Interest Earnings	\$350,000
Loan Repayments	\$48,101,000
<b>Total Funding Sources for Loans</b>	<b>\$171,183,000</b>

**Funding Uses for Loans**

Undisbursed Amounts Committed to Existing Loans (65% disbursement rate)	\$50,375,000
Project Requests (FNSI/CX issued; 50% disbursement rate)	\$27,720,000
Project Requests (FNSI/CX not issued; 55% disbursement rate)	\$59,742,000
Planning & Design Requests (50% disbursement rate)	\$1,601,000
Principal Payments on Outstanding Bonds	\$17,940,000
Interest Payments on Outstanding Bonds	\$13,805,000
<b>Total Funding Uses for Loans</b>	<b>\$171,183,000</b>

\* Funds Available for disbursements as of 1/19/21

\*\* Estimated only

\*\*\* 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 55% of the total project amounts may be disbursed 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 50% of the loan request amount.

All amounts rounded to the nearest \$1,000

**Funding Sources for Set Asides (Includes FFY 2020 & previous Capitalization Grants)**

Administration	\$792,000
Small Systems Technical Assistance	\$339,000
State Program	\$1,629,000
Other Authorized Activities	\$1,759,000
<b>Total Funding Sources for Set-Asides</b>	<b>\$4,519,000</b>

**Funding Uses for Set Asides**

Administration	\$792,000
Small Systems Technical Assistance	\$339,000
State Program	\$1,629,000
Other Authorized Activities	\$1,759,000
<b>Total Uses for Set Asides</b>	<b>\$4,519,000</b>

## 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 2021 application period were considered for funding in SFY 2021; if not funded by the end of SFY 2021, these projects will be moved to the SFY 2022 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 2021, 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 Capitalization Grant:

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

Beginning in FFY 2019 Capitalization Grant and continuing with the FFY 2020 Capitalization Grant, loan forgiveness will be offered only to the Public Health (PH) category. If selected, eligible projects addressing non-compliance with drinking water regulations will receive up to 50% loan forgiveness of eligible costs. An additional 25% may be offered to those projects that choose the option of hooking onto another viable public water supply system to address their non-compliance issue:

- Public Health (PH)
- Public Health + Connection (PH/C)

The FFY 2019 and FFY 2020 Capitalization Grants also require 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 loan forgiveness offer or the loan forgiveness offer may be withdrawn or reassigned.

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		652,845		2017
EP	Osceola RW	3,719,000		64,800		2017
EP	Oelwein	1,462,000		75,000		2017
PH	Bellevue	2,200,000		269,404		2017
PH	Bellevue	2,200,000		1,380,596		2018
PH	Gallery Acres	1,334,000		1,000,500		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
G	Rathbun RWA	2,902,945	2,902,945	1,000,000		2018
PH/C	Dedham	402,000		Up to 75%		2019
PH	Albion	693,000		Up to 50%		2019
PH/C	MacBride Point	178,000		Up to 75%		2019
PH/C	Bagley	545,000		Up to 75%		2019
PH/C	Woodland Ridge	638,000		Up to 75%		2019

**APPENDIX D  
STATE MATCH**

<b>FY19</b>	<b>Cap grant Amount</b>	<b>State Match Needed</b>	<b>Excess State match</b>
CW State Match from Feb 2019 Bond Issue		\$9,208,600	
excess state match		\$0	
replay non-program income		-\$408,600	
<b>Total CW State match Available</b>		<b>\$8,800,000</b>	
<b>FY19 CW cap grant</b>	<b>\$21,505,000</b>	<b>\$4,301,000</b>	<b>\$4,499,000</b>
DW State Match from Feb 2019 Bond Issue		\$7,667,200	
excess state match		\$0	
replay non-program income		-\$467,200	
<b>Total DW State match Available</b>		<b>\$7,200,000</b>	
<b>FY19 DW cap grant</b>	<b>\$17,432,000</b>	<b>\$3,486,400</b>	<b>\$3,713,600</b>
<b>FY20</b>	<b>Cap grant Amount</b>	<b>State Match Needed</b>	<b>Excess State match</b>
Remaining CW State Match from Feb 2019 Bond Issue		\$4,499,000	
excess state match		\$0	
<b>Total CW State match Available</b>		<b>\$4,499,000</b>	
<b>FY20 CW cap grant</b>	<b>\$21,508,000</b>	<b>\$4,301,600</b>	<b>\$197,400</b>
Remaining DW State Match from Feb 2019 Bond Issue		\$3,713,600	
excess state match		\$0	
<b>Total DW State match Available</b>		<b>\$3,713,600</b>	
<b>FY20 DW cap grant</b>	<b>\$17,443,000</b>	<b>\$3,488,600</b>	<b>\$225,000</b>
<b>FY21</b>	<b>Cap grant Amount</b>	<b>State Match Needed</b>	<b>Excess State match</b>
CW State Match from Feb 2020 Bond Issue		\$10,000,000	
excess state match		\$197,400	
<b>Total CW State match Available</b>		<b>\$10,197,400</b>	
<b>FY21 CW cap grant</b>		<b>\$0</b>	
Remaining DW State Match from Feb 2019 Bond Issue		\$8,000,000	
excess state match		\$225,000	
<b>Total DW State match Available</b>		<b>\$8,225,000</b>	
<b>FY21 DW cap grant</b>		<b>\$0</b>	

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	PD-CW-21-61	P&D for Clear Creek Stream Restoration	2021	P&D	P&D	4	P	\$ 694,400			\$ 694,400	
Crescent	N/A	N/A	PD-CW-21-48	P&D for Wastewater System Upgrades	2021	P&D	P&D	4	P	\$ 450,000			\$ 450,000	
Dubuque	N/A	N/A	PD-CW-21-62	P&D Sanitary Assess Management Master Plan	2021	P&D	P&D	4	P	\$ 970,000			\$ 970,000	
Dubuque	N/A	N/A	PD-CW-21-63	P&D for Catfish Creek Lift Station & Force Main	2021	P&D	P&D	4	P	\$ 350,000			\$ 350,000	
Dubuque	N/A	N/A	PD-CW-21-64	P&D for FY21-22 Sanitary Sewer Improvements	2021	P&D	P&D	4	P	\$ 160,000			\$ 160,000	
Houghton	N/A	N/A	PD-CW-21-65	P&D for Sanitary Sewer Rehabilitation	2021	P&D	P&D	4	P	\$ 150,000			\$ 150,000	
Maquoketa	N/A	N/A	PD-CW-21-66	P&D for Wastewater Treatment Facility Upgrades	2021	P&D	P&D	4	P	\$ 1,150,000			\$ 1,150,000	
Monticello	N/A	N/A	PD-CW-21-67	P&D for New Sewage Treatment Plant	2021	P&D	P&D	4	P	\$ 595,000			\$ 595,000	
Montpelier	N/A	N/A	PD-CW-21-68	P&D for Updates to Existing Wastewater Treatment Facility	2021	P&D	P&D	4	P	\$ 100,000			\$ 100,000	
Morning Sun	N/A	N/A	PD-CW-21-69	P&D for Lagoon Treatment & Modifications	2021	P&D	P&D	4	P	\$ 310,000			\$ 310,000	
Olds	N/A	N/A	PD-CW-21-70	P&D for Sanitary Sewer Rehabilitation	2021	P&D	P&D	4	P	\$ 120,000			\$ 120,000	
Primghar	N/A	N/A	PD-CW-21-49	P&D for Wastewater Treatment Facility Expansion	2021	P&D	P&D	4	P	\$ 220,000			\$ 220,000	
Renwick	N/A	N/A	PD-CW-21-60	P&D for Sanitary Sewer Collection System Improvements	2021	P&D	P&D	4	P	\$ 104,000			\$ 104,000	
Saint Ansgar	N/A	N/A	PD-CW-21-71	P&D for UV Disinfection Construction	2021	P&D	P&D	4	P	\$ 32,000			\$ 32,000	
Saint Ansgar	N/A	N/A	PD-CW-21-72	P&D for Sanitary Sewer Trunline Construction	2021	P&D	P&D	4	P	\$ 64,400			\$ 64,400	
Stockport	N/A	N/A	PD-CW-21-73	P&D for Sanitary Sewer Rehabilitation	2021	P&D	P&D	4	P	\$ 150,000			\$ 150,000	
West Branch	N/A	N/A	PD-CW-21-74	P&D for Wastewater Treatment Improvements 2021	2021	P&D	P&D	4	P	\$ 619,000			\$ 619,000	
Whittemore	N/A	N/A	PD-CW-21-50	P&D for Sanitary Sewer Collection System Improvements	2021	P&D	P&D	4	P	\$ 325,000			\$ 325,000	
Festina	N/A	N/A	PD-CW-21-75	P&D for Wastewater Treatment System Upgrades	2021	P&D	P&D	4	P	\$ 64,450			\$ 64,450	
Marengo	4843001	W2017-0244A	CS1921008 01	Wastewater Facility Improvements-UV and discharge to larger stream	2021	II	249	4	P	\$ 5,863,000			\$ 5,863,000	
Savage	9400900	S2016-0156A	CS1921004 01	Wastewater Treatment Improvements-SAGR and UV	2021	II	245	4	P	\$ 1,063,285			\$ 1,063,285	
Ridgeway	9680001	W2019-0244A	CS1920991 01	SAGR & UV	2021	II	245	4	P	\$ 1,087,000			\$ 1,087,000	
Festina	9600302	W2018-0288A	CS1921002 01	Wastewater Treatment Facility Improvements-SAGR and UV	2021	II	235	4	P	\$ 406,000			\$ 406,000	
Armstrong	3203001	S2015-0225A	CS1921007 01	Wastewater Treatment Improvements-Nitrification reactor and UV	2021	II	232	4	P	\$ 2,905,000			\$ 2,905,000	
Lake City	1345003	W2019-0385A	CS1920986 01	Phase 1 Wastewater Treatment Facility Improvements - Flow Monitoring	2021	I	144	4	P	\$ 163,000			\$ 163,000	

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
Independence	1037001	W2021-0151A	CS1921000 01	Hwy 150 Replace Sewers (DOT Project)	2021	I	139	4	P	\$ 1,833,120			\$ 1,833,120	
St. Ansgar	6673001	W2020-0421A	CS1921003 01	Sanitary Sewer Trunkline	2021	IV-A	135	4	P	\$ 471,000			\$ 471,000	
Stockport	61603	S2021-0167A	CS1921006 01	Sewer Rehab, Lift Station, Forcemain & CD Lagoon Upgrade	2021	III-A	134	4	P	\$ 788,000			\$ 788,000	
Lovilia	6858001	W2020-0292A	CS1921001 01	W 20th Street Lift Station upgrade	2021	IV-B	114	4	P	\$ 299,490			\$ 299,490	
Cedar Rapids	5715001	N/A	PD-CW-21-40	P&D for Construction of Digesters, Compression Systema and Nutrient Removal System	2021	P&D	P&D	3	P	\$ 5,500,000			\$ 5,500,000	
Wayland	4490001	N/A	PD-CW-21-37	P&D for WWTF Improvements	2021	P&D	P&D	3	P	\$ 170,000			\$ 170,000	
Clinton	2326001	N/A	PD-CW-21-41	P&D for WWTF Improvements	2021	P&D	P&D	3	L	\$0.00		12/18/20	\$ 242,000	\$ 242,000
Sac City	8150001	N/A	PD-CW-21-39	P&D for Sewer Rehab	2021	P&D	P&D	3	P	\$ 370,000			\$ 370,000	
Corydon	69334004	N/A	PD-CW-21-42	P&D for WWTF Improvements	2021	P&D	P&D	3	P	\$ 410,000			\$ 410,000	
Jefferson	3742001	N/A	PD-CW-21-44	P&D for WWTF Improvements	2021	P&D	P&D	3	P	\$ 700,000			\$ 700,000	
Maquoketa	4950001	W2020-0203A	CS1920988 01	BNR Addition to Existing Plant	2021	II	275	3	P	\$ 11,930,355			\$ 11,930,355	
Jesup	1044002	W2020-0018A	CS1920997 01	SBR with UV	2021	I, II	264	3	P	\$ 8,955,000			\$ 8,955,000	
Traer	8681001	W2018-0376A	CS1920999 01	Sewer Rehab, UV and Relocation of Outfall	2021	II, III-B	259	3	P	\$ 1,805,000			\$ 1,805,000	
Clinton	2326001	W2020-0394A	CS1920992 01	UV Disinfection and Septic Receiving Station	2021	II	257	3	P	\$ 6,387,540			\$ 6,387,540	
Dougherty	1722001	S2017-0251A	CS1920993 01	Low Pressure Collection System with 3-Cell Lagoon	2021	I, IV-A	232	3	P	\$ 865,000			\$ 865,000	
Chariton	5903001	S2018-0461A	CS1920990 01	UV Disinfection and Various Upgrades	2021	II	224	3	P	\$ 3,578,000			\$ 3,578,000	
Pleasantville	6377001	S2013-0174	CS1920989 01	Digester Addition and Sludge Improvements	2021	I	164	3	P	\$ 728,700			\$ 728,700	
Hartley	7128001	W2020-0430A	CS1920994 01	Lift Station and Forcemain Replacement	2021	III-B	147	3	P	\$ 1,161,780			\$ 1,161,780	
Peterson	2154002	W2019-0338A	CS1920998 01	I&I Work	2021	III-A	139	3	P	\$ 1,294,000			\$ 1,294,000	
Correctionville	9721001	W2021-0041A	CS1920995 01	Force Main Replacement Due to Age	2021	IV-B	124	3	P	\$ 369,207			\$ 369,207	
Albia	6803001	N/A	PD-CW-21-14	P&D for WWTF Improvements	2021	P&D	P&D	2	L	\$0.00		9/25/20	\$ 200,000	\$ 200,000
Boyden	8409001	N/A	PD-CW-21-26	P&D for WWTF Improvements	2021	P&D	P&D	2	L	\$0.00		10/2/20	\$ 190,000	\$ 190,000
Chariton	5903001	N/A	PD-CW-21-27	P&D for Sewage Treatment Plant Improvements	2021	P&D	P&D	2	L	\$0.00		9/25/20	\$ 220,000	\$ 220,000
Clinton	2326001	N/A	PD-CW-21-16	P&D for New WWTF Construction	2021	P&D	P&D	2	L	\$0.00		9/18/20	\$ 252,000	\$ 252,000
Correctionville	9721001	N/A	PD-CW-21-28	P&D for Construction of New Sanitary Forcemain	2021	P&D	P&D	2	L	\$0.00		10/2/20	\$ 60,000	\$ 60,000
Dougherty	1722001	N/A	PD-CW-21-17	P&D for WW Collection System & Discharge Lagoon	2021	P&D	P&D	2	L	\$0.00		10/9/20	\$ 180,700	\$ 180,700
Galva	4715001	N/A	PD-CW-21-30	P&D for New WWTP Construction	2021	P&D	P&D	2	L	\$0.00		10/2/20	\$ 480,000	\$ 480,000
Hartley	7128001	N/A	PD-CW-21-31	P&D for Sanitary Sewer Forcemain Replacement	2021	P&D	P&D	2	L	\$0.00		10/9/20	\$ 155,000	\$ 155,000
Johnston	7740002	N/A	PD-CW-21-32	P&D for NW Area Sanitary Sewer Extension	2021	P&D	P&D	2	L	\$0.00		10/23/20	\$ 600,000	\$ 600,000
Keokuk	5640001	N/A	PD-CW-21-18	P&D for Combined Sewer Separation Project	2021	P&D	P&D	2	L	\$0.00		9/18/20	\$ 2,790,000	\$ 2,790,000
Lovilia	6858001	N/A	PD-CW-21-20	P&D for Lift Station Rehab Project	2021	P&D	P&D	2	L	\$0.00		9/18/20	\$ 33,700	\$ 33,700

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
Moravia	467001	N/A	PD-CW-21-21	P&D for Collection System Lining & Manhole Rehab for I/I Reduction	2021	P&D	P&D	2	L	\$0.00		10/9/20	\$ 112,000	\$ 112,000
Oxford	5260001	N/A	PD-CW-21-22	P&D for WWTF Improvements	2021	P&D	P&D	2	R	\$ 300,000			\$ 300,000	
Peosta	3150000	N/A	PD-CW-21-23	P&D for Hwy 20 Lift Station Reconstruction	2021	P&D	P&D	2	L	\$0.00		9/18/20	\$ 440,000	\$ 440,000
Randolph	3649001	N/A	PD-CW-21-34	P&D for Collection and Treatment System Project	2021	P&D	P&D	2	L	\$0.00		9/18/20	\$ 292,000	\$ 292,000
State Center	6484001	N/A	PD-CW-21-24	P&D for WWTF Improvements	2021	P&D	P&D	2	L	\$0.00		10/9/20	\$ 370,000	\$ 370,000
Wheatland	2394001	N/A	PD-CW-21-25	P&D for WWTF Improvements	2021	P&D	P&D	2	L	\$0.00		10/2/20	\$ 115,000	\$ 115,000
Centerville	407003	W2019-0235A	CS1920978 01	WW Tx Improvements	2021	I, II	277	2	P	\$ 11,354,000			\$ 8,582,100	
West Branch	1694001	W2018-0227A	CS1920982 01	WW Tx Improvements 2021	2021	II	230	2	P	\$ 7,187,000			\$ 7,187,000	
Lidderdale	1453001	W2019-0267A	CS1920983 01	WW System Improvements	2021	II	227	2	P	\$ 1,548,000			\$ 1,548,000	
Mount Ayr	805501	W2020-0412A	CS192084 01	WW System Improvements	2021	I, III-B	195	2	P	\$ 380,000			\$ 380,000	
Anamosa	5307001	W2020-0202A	CS1920985 01	WWTP Flow Equalization Basin	2021	VI	155	2	P	\$ 2,802,000			\$ 2,802,000	
Dyersville	313001	W2020-0384A	CS1920980 01	Westlinden Lift Station	2021	IV-B	150	2	P	\$ 2,764,000			\$ 2,764,000	
Coon Rapids	3927002	W2020-0387	cs1920979 01	Sanitary Sewer Rehabilitation	2021	III-A	142	2	P	\$ 2,250,000			\$ 2,250,000	
Slater	8580001	W2019-0383A	CS1920981 01	Water & Sewer Utility Extension Improvements - Weeks Property	2021	IV-A	109	2	P	\$ 1,100,000			\$ 1,100,000	
Farragut	3615001	N/A	PD-CS-21-02	Flow monitoring ops to prep for WW facility plan improvements	2021	P&D	P&D	1	L	\$0.00		12/18/20	\$ 665,000	\$ 665,000
Lovilia	6858001	N/A	PD-CW-21-04	P&D for construction of WW TX facility	2021	P&D	P&D	1	R	\$ 154,000			\$ 154,000	
Ridgeway	9680001	N/A	PD-CW-21-07	NPDES compliance activities	2021	P&D	P&D	1	L	\$0.00		7/24/20	\$ 40,000	\$ 40,000
Runnells	7774001	N/A	PD-CW-21-08	P&D for retrofit of existing ww tx facility	2021	P&D	P&D	1	L	\$0.00		7/10/20	\$ 220,000	\$ 220,000
Terrace Hill	3500900	N/A	PD-CW-21-09	Compliance ops to meet effluent limits	2021	P&D	P&D	1	L	\$0.00		7/24/20	\$ 189,000	\$ 189,000
Raymond (with Elk Run Heights)	721001	W2017-0093A	CS1920973 01	WWTF Improvements	2021	I & II	294	1	P	\$ 5,130,000			\$ 5,130,000	
Elk Run Heights (with Raymond)	721001	W2017-0093A	CS1920963 01	WWTF Improvements	2021	I & II	294	1	P	\$ 4,728,525			\$ 4,728,525	
Lake Park	3045001	W2018-0379A	CS1920971 01	Wastewater SyStem Improvements, 2019 WWTP	2021	I & II	267	1	P	\$ 6,030,000			\$ 6,030,000	
Miles	4953001	S2019-0420A	CS1920966 01	WWTF Improvements	2021	I & IV-B	232	1	P	\$ 2,080,000			\$ 2,080,000	
Conrad	3809001	S2017-0457A	CS1920961 01	WWTF Improvements	2021	II	229	1	L	\$0.00		8/28/20	\$ 718,575	\$ 700,000
Grimes	7763001	W2017-0143A	CS1920975 01	Construct Trunk Sewer, Lift Station & Force Main to Connect to DM WRA	2021	IV-B	227	1	P	\$ 22,839,000			\$ 22,839,000	
Walford	069001	W2019-0421A	CS1920970 01	WWTP Improvements	2021	II	224	1	P	\$ 1,081,000			\$ 1,081,000	
Ottumwa	58611	2019-0263A	CS1920972 01	Blake's Branch Sewer Separation Phase 8, Divisio 2, 3A, 3B, 3C, 3D	2021	V	205	1	P	\$ 40,000,000			\$ 40,000,000	
Harpers Ferry	330001	2018-0426A	CS1920962 01	WWTP Improvements	2021	II	182	1	P	\$ 1,898,000			\$ 1,898,000	
McGregor	2258001	W2020-0140A	CS1920974 01	Main Street Utility Upgrades	2021	III-A	162	1	P	\$ 4,654,000			\$ 4,654,000	
Wayland	4490001	S2017-0271A	CS1920968 01	Sewer Rehab & Lagoon Upgrade	2021	III-A	154	1	L	\$ 317,000		9/4/20	\$ 1,000,000	\$ 683,000
Vinton	688001	W2018-0031A	CS1920969 01	WWTP Upgrades	2021	II	145	1	P	\$ 7,393,000			\$ 7,393,000	
Casey	3914001	W2020-0227A	CS1920976 01	Wastewater Collection System Rehabilitation	2021	III-A	134	1	P	\$ 302,000			\$ 302,000	

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
West Burlington	2985001	W2018-0503A	CS1920965 01	South Lift Station Replacement	2021	IV-B	119	1	L	\$0.00		10/23/20	\$ 898,000	\$ 1,189,000
Templeton	1479001	W2020-0247A	CS1920967 01	Outfall Sanitary Sewer Rehabilitation	2021	IV-B	119	1	L	\$0.00		12/18/20	\$ 231,000	\$ 220,000
Des Moines - WRA Birdland	Not Listed on Application	N/A	PD-CW-20-44	Birdland Pump Station Improvements	2020	P&D	P&D	4	L	\$0.00		9/11/2020	\$ 800,000	\$ 800,000
Dow City	2427001	N/A	PD-CW-20-47	Wastewater Facility Upgrade	2020	P&D	P&D	4	L	\$0.00		3/20/2020	\$ 150,000	\$ 150,000
Lidderdale	1453001	N/A	PD-CW-21-11	Wastewater System Review for Compliance	2020	P&D	P&D	4	L	\$0.00		8/28/2020	\$ 200,000	\$ 200,000
McGregor	2258001	N/A	PD-CW-21-12	P&D FOR Main Street Utility Upgrades	2020	P&D	P&D	4	L	\$0.00		7/10/2020	\$ 452,000	\$ 452,000
Dickinson County	N/A	N/A	GNS - 20-03	Francis Sites Wetland Project	2020	VI	N/A	4	R	\$ 500,000			\$ 500,000	
Perry	2561001	2019-0057A	CS1920954 01	2018 Perry Wastewater Treatment Facility Plan and Improvements	2020	I, II, IIIA, IIIB	284	4	P	\$ 16,157,000			\$ 16,157,000	
WRA	7727001	S2020-0142A	CS1920955 01	WRA Ingersoll Run Outlet Sewer in Des Moines	2020	V	197	4	P	\$ 26,934,000			\$ 26,934,000	
Oxford Junction	5361001	2020-0126A	CS1920958 01	Sanitary Sewer Rehabilitation	2020	III-A	155	4	P	\$ 1,099,000			\$ 1,099,000	
Toledo	8676001	2020-0162A	CS1920957 01	Sanitary Sewer Improvements	2020	III-A	154	4	P	\$ 633,000			\$ 633,000	
Cushing	9725001	2020-0159A	CS1920959 01	Wastewater System Improvements	2020	III-B	129	4	P	\$ 567,000			\$ 567,000	
Storm Lake	Not Listed on Application	S2019-0384A	CS1920960 01	Memorial Lift Station Project	2020	III-B	129	4	R	\$ 1,331,625			\$ 1,331,625	
Rickardsville	3175001	2020-0158A	CS1920956 01	Sanitary Sewer Collection System Improvements 2020	2020	IV-A	114	4	P	\$ 1,032,000			\$ 1,032,000	
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	\$ 11,300,000			\$ 9,650,000	
Janesville	0732001	D2018-0460A	1920948 01	WWTF Improvements	2020	I	245	3	R	\$ 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	1920952 01	Sanitary Sewer Collection System Improvements	2020	IIIA	145	3	R	\$ 930,000			\$ 930,000	
Cherokee	1811002	W2020-0078A	1920950 01	Sanitary Sewer Collection System Improvements	2020	IIIA	139	3	R	\$ 724,000			\$ 724,000	
Lockridge	5157001	W2020-0052A	1920953 01	Sanitary Sewer Improvements - I/I Reduction	2020	IIIA	139	3	R	\$ 125,000			\$ 125,000	
Pomeroy	1363001	W2020-0084A	1920951 01	Sanitary Sewer System Improvements	2020	IIIA	134	3	R	\$ 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	
Nevada	8562001	N/A	PD-CW-20-20	Construction of new sanitary sewer interceptor and treatment plant	2020	P&D	P&D	2	L	\$0.00		12/4/20	\$ 2,885,000	\$ 3,038,000
Melcher-Dallas	6352001	2018-0333a	1920940 01	Wastewater Treatment Facility Improvements	2020	I, II	282	2	P	\$ 3,055,000			\$ 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	
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	Western Ingersoll Run Sewer Separation	2020	V	205	2	P	\$ 19,139,699			\$ 19,139,699	

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WRA	7727001	2019-0363A	1920934 01	WRA Sewer Lining	2020	III-B	170	2	L	\$ 31,441,125		12/20/19	\$ 43,441,125	\$ 12,000,000
Waterloo (Wastewater Treatment Plant Biosolids Modifications)	0790001	2017-0342A	1920941 01	Wastewater Treatment Plant Biosolids Modifications	2020	I	170	2	L	\$ 0.00		9/4/20	\$ 16,341,000	\$ 19,186,000
Pierson	9766002	2019-0290	1920933 01	Fourth Street Sewer Replacement	2020	III-A	142	2	R	\$ 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	L	\$ 0.00		10/30/20	\$ 268,000	\$ 210,000
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	
Rockwell City	1376001	W2018-0350	PD-CW-20-09	Planning construction of new WWTP	2020	P&D	P&D	1	R	\$ 677,500			\$ 677,500	
Bettendorf	N/A	N/A	GNS20-02	FMA Property Acquisition to mitigate flood damage and water pollution	2020	VII-K	GNS	1	L	\$ -		10/30/20	\$ 2,100,886	\$ 445,000
Johnston	N/A	N/A	GNS-20-01	Saylorville Sediment and Erosion Reduction	2020	VII-K	GNS	1	P	\$ 1,750,000			\$ 400,000	
Indianola	9133001	S2015-0386	1920927 01	WWTP Replacement	2020	I, II	295	1	L	\$ 37,918,000		4/17/20	\$ 54,977,000	\$ 17,059,000
Auburn	8104076	W2018-0247	1920931 01	Lagoon Facility Improvements	2020	I	245	1	L	\$ 0.00		1/8/21	\$ 227,000	\$ 271,000
Park View Water & Sanitary District	8200902	S2018-0348	1920925 01	Wastewater System Improvements	2020	II	245	1	L	\$ 0.00		9/11/2020	\$ 5,558,000	\$ 5,859,000
Saint Olaf	2277002	S2018-0159	1920926 01	Wastewater system improvements	2020	II	240	1	L	\$ 0.00		10/9/20	\$ 250,000	\$ 257,000
Fontanelle	0135001	S2019-0094	1920922 01	Wastewater System Improvements	2020	II	237	1	R	\$ 3,498,000			\$ 2,520,000	
Bloomfield	2613001	S2019-0054	1920921 01	Wastewater system improvements for compliance.	2020	II	235	1	L	\$ 0.00		8/7/20	\$ 6,870,000	\$ 8,004,000
Tipton	1689001, 1689002	S2017-0094	1920928 01	Wastewater Treatment Plan Improvements 2016	2020	II	232	1	L	\$ 0.00		7/24/20	\$ 5,648,000	\$ 8,439,000
Glidden	1438001	2016-0396	1920929 01	Wastewater Treatment Plant Improvements	2020	II	224	1	R	\$ 3,980,000			\$ 3,980,000	
Wellsburg	3890001	S2014-0285	1920923 01	Wastewater System Improvements	2020	II	224	1	L	\$ -		11/6/2020	\$ 1,739,000	\$ 1,192,000
Guttenberg	2242001	S2019-0196	1920924 01	Inflow & Infiltration Improvements	2020	V	172	1	L	\$ 0.00		8/28/20	\$ 517,000	\$ 500,000
Grundy Center	3833001	2019-0287	1920930 01	2019 Sanitary Sewer Improvements	2020	III-A	145	1	R	\$ 2,407,000			\$ 2,407,000	
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	
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	L	\$ 0.00		10/9/20	\$ 8,184,000	\$ 6,500,000
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	R	\$ 1,427,000			\$ 1,427,000	

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Wastwater Reclamation Authority	7727001	S2019-0006	1920914 01	Primary and Final Clarifier rotating mechanism replacements	2019	I	180	4	L	\$ 19,286,675		12/18/20	\$ 30,486,675	\$ 11,200,000
Spencer	2171004	W2020-0067A	1920920 01	rehab clarifier, add another final clarifier	2019	I	149	4	P	\$ 2,960,000			\$ 2,960,000	
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	R	\$ 1,603,000			\$ 1,603,000	
Underwood	7869001	S2013-0176B	1920917 01	Pumping Station upgrades to two existing stations	2019	IV-B	132	4	L	\$0.00		7/31/20	\$ 727,000	\$ 727,000
Davenport	8222003	S2018-0145	1920896 01	UV Disinfection	2019	II	260	3	L	\$0.00		8/28/20	\$ 8,490,000	\$ 8,249,000
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	R	\$ 3,009,000			\$ 3,009,000	
Eldon	9053001	S2016-0240A	1920903 01	CIPP lining for I&I	2019	IIIA	235	3	R	\$ 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	L	\$0.00		10/9/20	\$ 2,010,000	\$ 1,656,000
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	
Schleswig	2446001	S2017-0450	1920899 01	New lift station, lemna system, UV disinfection, new outfall, and emergency generator	2019	II	224	3	L	\$0.00		9/11/20	\$ 3,748,000	\$ 3,657,000
Fort Dodge	9433003	S2015-0080	1920908 01	Sanitary Sewer Rehabilitation Phase 2	2019	IIIA, IIIB	190	3	L	\$0.00		12/11/20	\$ 15,533,000	\$ 15,533,000
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	R	\$ 3,900,000			\$ 3,900,000	
Blairstown	0607001	S2017-0311	1920889 01	Aerated Lagoon with Disinfection	2019	I, II	282	2	R	\$ 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	
Waverly	0990001	S2018-0335	1920892 01	WWTP Improvements	2019	IV-B	205	2	P	\$ 9,132,000			\$ 9,132,435	
Waterloo	0790001	S2017-0196	1920893 01	New Interceptor Sewer	2019	IV-B	175	2	P	\$ 5,771,000			\$ 5,771,000	
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, instation 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	L	\$ 2,320,000		6/19/20	\$ 5,862,000	\$ 2,700,000
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	
Waterloo (Sanitary Gatewell Repairs)	0790001	S2018-0100	1920884 01	new gate wells and sanitary sewer	2019	III-B	185	1	R	\$ 3,581,000			\$ 3,581,000	

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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	
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	
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 G1	Construct major upgrades to wastewater treatment facility to replace aging equipment and accommodate increases from industrial sources	2018	I, II	245	4	L	\$0.00		12/6/19	\$ 16,484,000	\$ 3,000,000
Charles City	3405001	S2016-0468	1920876 R1	Construct major upgrades to wastewater treatment facility to replace aging equipment and accommodate increases from industrial sources	2018	I, II	245	4	L	\$0.00		10/9/20	\$ 14,575,000	\$ 14,575,000
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	L	\$0.00		11/6/20	\$ 5,070,225	\$ 5,729,000
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	
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	
Nora Springs	3423001	S2016-0216A	CS1920857 G1	New activated sludge wastewater treatment facility to meet effluent limits	2018	II	295	2	L	\$0.00		7/26/19	\$ 242,000	\$ 600,000
Merrill	7548001	S2015-0366A	CS1920846-01 (supplemental)	Lagoon expansion	2018	I, II	295	1	R	\$ 125,000			\$ 125,000	
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	L	\$0.00		1/24/20	\$ 2,137,133	\$ 1,300,000
Scranton	3759001	S2016-0048	1920847 G1	Convert existing aerated lagoon to an enhanced one with the addition of a SAGR system	2018	I, II	290	1	L	\$0.00		7/31/20	\$ 755,000	\$ 770,000
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	\$0.00		5/25/18	\$ 8,268,000	\$ 3,822,000

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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	\$ 0.00		5/10/19	\$ 4,446,000	\$ 3,176,000
Oskaloosa	6273001	S2017-0294	1920845 03	Address inflow and infiltration to prevent bypassing through manhole rehabilitation, sewer replacement, and sewer lining	2018	IIIA	142	1	L	\$ 0.00		5/1/20	\$ 1,270,000	\$ 1,269,000
Slater	8580001	S2016-0070	1920820 01	Wastewater Treatment Facility Improvements	2017	I,II	267	4	P	\$ 6,322,000			\$ 6,650,000	
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
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	L	\$ 25,055,398		11/13/20	\$ 31,983,398	\$ 6,928,000
Sioux City	9778001	S2016-0389	1920813 R2	Improve various treatment plant equipment to renew initial capacity, improve performance, improve reliability and generate biogas.	2017	I,II	217	2	L	\$ 15,055,398		11/13/20	\$ 31,983,398	\$ 10,000,000
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	\$ 0.00		5/18/18	\$ 2,498,000	\$ 1,600,000
Waterloo (CIPP Phase III)	0790001	S2016-0285	1920811 02	Excavating and repairing pipe using traditional methods. Rehabilitate sanitary sewers and rehabilitate manholes that have deteriorated.	2017	III-A	185	2	L	\$ 0.00		9/4/20	\$ 898,000	\$ 1,128,000
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	L	\$ 0.00		9/4/20	\$ 4,337,000	\$ 5,138,000
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	
Oelwein	3353001	N/A	PD-CW-16-40	Installation of new sanitary sewer	2016	IVA	P&D	4	R	\$ 33,500			\$ 33,500	
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	
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	

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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	\$ 3,373,983			\$ 1,249,000	
Keokuk	5640001	S2015-0088	1920732 01	Sewer Rehabilitation - Phase 1	2015	IIIA	237	4	R	\$ 1,484,700			\$ 1,484,700	
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	
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	L	\$0.00		10/9/2020	\$ 1,476,620	\$ 2,800,000
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	
La Porte City	0743001	S2009-0187	1920620 01	Wastewater treatment plant improvements	2012	I,II	220	2	R	\$ 917,822			\$ 917,822	
Coralville	N/A	N/A	GNS10-4	Green infrastructure practices at the Iowa River Landing	2010	VIIIK	120	4	R	\$ 2,950,000	30%		\$ 2,950,000	
Mingo	5052001	S2008-0304	1920510 R1	Lagoon expansion	2010	I	172	3	L	\$0.00		9/9/16	\$ 1,365,000	\$ 150,000
										\$ 654,542,932			\$ 880,749,323	\$ 211,684,400
<b>Project Status</b>				<b>Project Needs Categories</b>										
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;									
					<b>Non-point Source Project Subcategories</b>									
				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
Arcadia	PD-DW-21-51	P&D for Drinking Water System Upgrades	2021	G	P&D	4	484	P	\$ 306,932			\$ 306,932	
Dedham	PD-DW-21-52	P&D for Upgrades to Water Distribution System	2021	G	P&D	4	266	P	\$ 65,000			\$ 65,000	
Elkhart	PD-DW-21-47	P&D for Expansion of Water Treatment Plant	2021	G	P&D	4	1000	P	\$ 110,000			\$ 110,000	
Essex	PD-DW-21-53	P&D for Drinking Water System Upgrades	2021	G	P&D	4	798	P	\$ 30,000			\$ 30,000	
Fontanelle	PD-DW-21-54	P&D for New Well Construction	2021	G	P&D	4	712	P	\$ 350,000			\$ 350,000	
Lake Creek	PD-DW-21-55	P&D for Water Distribution System Replacement	2021	G	P&D	4	150	P	\$ 80,000			\$ 80,000	
Lanesboro	PD-DW-21-58	P&D for Water System Improvements	2021	G	P&D	4	121	P	\$ 350,000			\$ 350,000	
Neola	PD-DW-21-56	P&D for Water Distribution System Replacement	2021	G	P&D	4	842	P	\$ 371,094			\$ 371,094	
Pocahontas	PD-DW-21-57	P&D for Drinking Water System Upgrades	2021	G	P&D	4	1789	P	\$ 500,000			\$ 500,000	
Renwick	PD-DW-21-59	P&D for Water Distribution System Improvements	2021	G	P&D	4	242	P	\$ 74,000			\$ 74,000	
Ventura	PD-DW-21-75	P&D for Water Treatment Plant Construction	2021	G	P&D	4	720	P	\$ 384,000			\$ 384,000	
Fort Atkinson	FS-96-21-DWSRF-023	Water Supply Improvements	2021	B, C, E	55	4	323	P	\$ 324,000			\$ 250,000	
Guthrie Center	FS-99-21-DWSRF-022	Water Main Replacement	2021	B, C, E	40	4	1569	P	\$ 1,454,000			\$ 1,454,000	
Clarion	FS-99-21-DWSRF-021	New Water Treatment Facility	2021	B, C, E	35	4	1257	P	\$ 8,475,000			\$ 8,475,000	
Inwood	FS-60-21-DWSRF-024	Water Distribution System Improvements	2021	B, E	30	4	814	P	\$ 752,878			\$ 752,878	
Independence	FS-10-21-DWSRF-020	Hwy 150 Water Main Repair (DOT Project)	2021	B, E	30	4	5966	P	\$ 1,367,805			\$ 1,367,805	
Glidden	PD-DW-21-38	P&D for New Well & Watermain	2021	G	P&D	3	1146	P	\$ 150,000			\$ 150,000	
Remsen	PD-DW-21-43	P&D for Water Treatment Plant Improvements	2021	G	P&D	3	1621	P	\$ 430,000			\$ 430,000	
Henderson	PD-DW-21-45	Construction of New Well, Water Main and Water Meter Replacement	2021	G	P&D	3	166	L	\$ 0.00		12/18/20	\$ 250,750	\$ 250,750
Huxley	FS-85-21-DWSRF-013	Water Treatment Plant Expansion	2021	B, E	45	3	3317	P	\$ 8,582,700			\$ 8,582,700	
Elkhart	FS-77-21-DWSRF-018	Water Treatment Facility Expansion	2021	B, E	45	3	683	P	\$ 1,658,250			\$ 1,658,250	
Anamosa	FS-52-21-DWSRF-019	Jordan Well	2021	B, E	45	3	5500	P	\$ 3,232,000			\$ 3,232,000	
Ventura	FS-17-21-DWSRF-016	Water Treatment Plant Construction	2021	A, B, E	45	3	717	P	\$ 2,613,000			\$ 2,613,000	
Thornton	FS-17-21-DWSRF-015	Water Main Replacement	2021	B, C, E	40	3	422	P	\$ 827,500			\$ 827,500	
Tama	FS-82-21-DWSRF-014	Water System Improvements	2021	B, E	25	3	2877	P	\$ 1,373,000			\$ 1,373,000	
Thor	FS-46-21-DWSRF-012	2021 Municipal Water Filtration Improvements	2021	B, E	25	3	186	P	\$ 408,000			\$ 408,000.00	
Creston	PD-DW-21-29	P&D for Water Treatment Plant Upgrade	2021	G	P&D	2	800	L	\$ 0.00		9/25/20	\$ 160,000	\$ 160,000
Lisbon	PD-DW-21-19	P&D for New Well, Chemical Feed Building, Generator and Main	2021	G	P&D	2	2152	L	\$ 0.00		12/18/20	\$ 480,000	\$ 480,000
Mondamin	PD-DW-21-33	P&D for Construction of New Water Treatment Plant & Wells	2021	G	P&D	2	402	L	\$ 0.00		11/20/20	\$ 441,000	\$ 441,000
Ruthven	PD-DW-21-35	P&D for Water Treatment System Improvements	2021	G	P&D	2	737	L	\$ 0.00		9/25/20	\$ 300,000	\$ 300,000
Lisbon	FS-57-21-DWSRF-011	Water Main Improvements	2021	B, C, E	55	2	2152	P	\$ 5,972,000			\$ 5,972,000.00	
Dyersville	FS-31-21-DWSRF-007	6th Avenue Water Main Replacement	2021	B, C, E	40	2	4058	P	\$ 415,000			\$ 415,000.00	
Creston	FS-88-21-DWSRF-006	Water Treatment Plant Upgrade	2021	B, C, E	35	2	7834	P	\$ 1,536,000			\$ 1,536,000.00	
Ankeny	FS-77-21-DWSRF-008	Irvinedale Drive Transmission Main and NW 36th Street & NW Weigel Drive Water Main	2021	B	20	2	54598	P	\$ 4,287,000			\$ 4,287,000.00	
Ames	FS-85-21-DWSRF-010	Water Treatment Plant Demolition	2021	B	15	2	58965	P	\$ 4,380,000			\$ 4,380,000.00	

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
Britt	FS-41-21-DWSRF-003	Water System Improvements	2021	A,E	60	1	2069	P	\$ 6,321,450			\$ 6,321,450	
Atkins	FS-06-21-DWSRF-001	Water Distribution Improvements	2021	B, C, E	40	1	1670	P	\$ 4,398,000			\$ 4,398,000	
Ames	FS-85-21-DWSRF-009	North River Valley Well field & Pipeline	2021	B	35	1	58965	P	\$ 6,108,000			\$ 4,380,000.00	
Waukege	FS-25-21-DWSRF-004	ASR Well	2021	B	35	1	17945	P	\$ 3,567,750			\$ 3,567,750	
Fort Dodge	FS-94-21-DWSRF-005	Northwest Regional Water Main Improvements	2021	B, C	30	1	25206	R	\$ 3,753,000			\$ 3,753,000	
Sioux City	FS-97-21-DWSRF-002	38th Street Booster Pumping Station	2021	B	20	1	82684	P	\$ 2,626,000			\$ 2,626,000	
Dedham	FS-14-20-DWSRF-026	Connection to West Central IA Rural Water Assoc.	2020	A,E	60	4	266	L	\$0.00	up to 75% of eligible costs	1/8/21	\$ 402,000	\$ 425,000
Melvin	FS-72-20-DWSRF-033	Storage Tank Rehabilitation	2020	B,C,E	55	4	201	R	\$ 422,100			\$ 422,100	
Early	FS-81-20-DWSRF-025	Water System Improvements	2020	B,C,E	55	4	557	P	\$ 2,450,000			\$ 2,450,000	
Dayton	FS-94-20-DWSRF-031	Municipal Water Well Reconstruction and Water Main Repair	2020	B,C,E	55	4	837	P	\$ 685,000			\$ 685,000	
Westgate	FS-33-20-DWSRF-024	Connection to IRUA	2020	B,E	45	4	211	P	\$ 2,703,000			\$ 2,703,000	
Eastern Iowa Regional Utility Service System (EIRUSS) (formerly Bellevue)	FS-49-20-DWSRF-028	Droessler Subdivision Water Main Extension 2020	2020	A, E	45	4	421	P	\$ 1,700,000			\$ 1,700,000	
Rudd	FS-34-20-DWSRF-023	Water System Improvements	2020	B,C,E	35	4	368	L	\$0.00		1/8/21	\$ 721,000	\$ 678,000
Cedar Rapids	FS-57-20-DWSRF-022	NW WTP Softener Capacity Improvement	2020	B	35	4	126326	P	\$ 18,400,000			\$ 18,400,000	
Prairie City	FS-50-20-DWSRF-034	Water System Improvements	2020	B,E	30	4	1727	P	\$ 804,000			\$ 804,000	
Carlisle	FS-91-20-DWSRF-032	Avon Lake Water Main Improvements	2020	B,E	30	4	4282	P	\$ 3,400,000			\$ 3,400,000	
Plainfield	FS-09-20-DWSRF-030	South Loop Water Main Crossing	2020	B,E	30	4	436	L	\$0.00		8/28/20	\$ 171,000	\$ 240,000
Dunkerton	FS-07-20-DWSRF-035	Water System Improvements	2020	B,E	25	4	852	P	\$ 1,142,000			\$ 1,142,000	
Lyon & Sioux Rural Water	FS-60-20-DWSRF-029	Klondike Water Treatment	2020	B,E	25	4	4730	P	\$ 6,709,000			\$ 6,709,000	
Plainfield	PD-DW-20-33	Water Main Installation	2020	G	P&D	3	436	R	\$ 40,000			\$ 40,000	
Rock Valley	PD-DW-20-35	New Well Construction	2020	G	P&D	3	3730	L	\$0.00		9/18/20	\$ 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	up to 75% of eligible costs		\$ 178,000	
West Burlington	FS-29-20-DWSRF-014	EST, Booster Station & Water Main Extension	2020	B, E	45	3	3064	L	\$0.00		1/8/21	\$ 3,570,000	\$ 5,977,000
Eagle Grove	FS-99-20-DWSRF-018	Water Distribution System Improvements	2020	B, C, E	40	3	3583	R	\$ 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	R	\$ 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	
Dunlap	FS-43-20-DWSRF-016	Water Distribution System Improvements	2020	B, E	30	3	1042	P	\$ 444,000			\$ 444,000	
Lockridge	FS-51-20-DWSRF-015	Water Main Extension & Replacement	2020	B, E	30	3	268	R	\$ 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	L	\$0.00		10/23/20	\$ 339,000	\$ 385,000
Bagley	FS-39-20-DWSRF-013	City of Bagley Connection to the Xenia Rural Water System	2020	A, C, E	80	2	303	L	\$0.00	up to 75% of eligible costs	11/13/20	\$ 545,000	\$ 804,000
Garwin	FS-86-20-DWSRF-008	2018 Water Distribution System Improvements	2020	B,C,E	55	2	527	R	\$ 800,000			\$ 800,000	
Iowa-American Water - Davenport	FS-82-20-DWSRF-007	East River Station WTP UV	2020	A	45	2	143000	R	\$ 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	L	\$ 839,000		7/10/20	\$ 2,509,000	\$ 1,670,000
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	
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	L	\$0.00		12/4/20	\$ 1,116,000	\$ 426,000
Hiawatha	FS-57-20-DWSRF-004	Construct ground storage reservoir and booster station with generator	2020	B, E	60	1	7353	L	\$0.00		12/4/20	\$ 2,329,000	\$ 2,672,000

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
Albion	FS-64-20-DWSRF-002	Construction of well to Mississippian formation and purchase of new water meters	2020	B,E	45	1	470	L	\$0.00	up to 50% of eligible costs	1/8/21	\$ 412,000	\$ 695,000
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	R	\$ 1,447,000			\$ 1,447,000	
Guthrie Center	FS-39-19-DWSRF-026	Existing Ground Storage Facilities	2019	B, C, E	55	4	1569	L	\$0.00		7/31/20	\$ 1,491,000	\$ 1,205,000
Sanborn	FS-71-19-DWSRF-027	RO pilot protocol, New Water Treatment Plant Evaluation	2019	B, E	45	4	1384	L	\$ 4,102,000		6/5/20	\$ 8,502,000	\$ 4,400,000
Oelwein	FS-33-19-DWSRF-030	2019 Water Main Replacement	2019	B, C, E	40	4	6415	R	\$ 1,281,000			\$ 1,281,000	
Somers	FS-13-19-DWSRF-028	Municipal Water Filtration Improvements	2019	B, C, E	35	4	113	R	\$ 179,000			\$ 179,000	
Stacyville	FS-66-19-DWSRF-016	Water main replacement along Broad Street	2019	B,C,E	40	3	501	L	\$0.00		8/28/20	\$ 988,000	\$ 715,000
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	L	\$0.00		10/16/20	\$ 577,000	\$ 963,000
Sioux City	FS-97-19-DWSRF-019	Airport Water Main Replacement	2019	A,B	35	3	82759	R	\$ 3,098,000			\$ 3,098,000	
Claron	FS-99-19-DWSRF-020	Water Main Improvements	2019	B, E	30	3	2850	L	\$0.00		10/16/20	\$ 1,397,000	\$ 1,036,000

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
Bernard	FS-31-19-DWSRF-015	Replacement of ground storage tank, booster pumps	2019	B, E	25	3	112	L	\$0.00		8/28/20	\$ 185,000	\$ 200,000
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	
Bellevue	PD-DW-19-15	Construction of 2700 sf Radium Treatment Facility	2019	G	P&D	2	2191	R	\$ 285,000			\$ 285,000	
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	\$ 8,341,000			\$ 17,709,000	
Osceola Co Rural Water	PD-DW-19-03	Construction of 2400 gpm water treatment plant expansion	2019	G	P&D	1	4495	L	\$0.00		5/15/20	\$ 700,000	\$ 700,000
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	R	\$ 260,000			\$ 260,000	
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	
Cleghom	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	R	\$ 547,000			\$ 547,000	
Lehigh	FS-94-18-DWSRF-008	Improvements to water filtration system	2018	B,C,E	35	2	416	L	\$0.00		7/31/20	\$ 553,554	\$ 609,000
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	R	\$ 9,620,000			\$ 6,535,937	
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	
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	R	\$ 866,000			\$ 866,000	
Washington (supplemental)	FS-92-17-DWSRF-007(2)	Construct new treatment plant modifications	2017	F	25	2	7266	L	\$0.00		10/23/20	\$ 220,000.00	\$ 219,000

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
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	R	\$ 1,797,267			\$ 1,797,267	
Farmington	FS-89-16-DWSRF-006	Replace old cast iron water man and underground storage tank with above ground tank	2016	B,C,E	40	2	664	L	\$0.00		7/17/20	\$ 312,000	\$ 473,000
Farmington	FS-89-16-DWSRF-006 (2)	Water meter replacement	2016	B,C,E	40	2	664	R	\$ 117,000			\$ 117,000	
Van Meter	FS-25-15-DWSRF-020	New Water Treatment Plant	2015	B,E	45	4	1054	R	\$ 4,608,000			\$ 4,608,000	
Ruthven	FS-74-15-DWSRF-006	New well to replace Well #1, aerator rehab, control panel replacement, water main replacement to improve pressure and add new valves and hydrants	2015	B,C,E	55	2	779	P	\$ 1,435,000			\$ 1,435,000	
De Soto	FS-25-14-DWSRF-011(2)	New water treatment facility	2014	B,E	25	3	1050	L	\$0.00		11/20/20	\$ 4,020,000	\$ 2,380,000
De Soto	FS-25-14-DWSRF-011(2)	New water treatment facility	2014	B,E	25	3	1050	L	\$0.00		11/20/20	\$ 4,020,000	\$ 615,000
De Soto	FS-25-14-DWSRF-011(3)	New water treatment facility	2014	B,E	25	3	1050	L	\$0.00		11/20/20	\$ 4,020,000	\$ 814,000
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	L	\$0.00		5/8/20	\$ 786,841	\$ 402,000
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	
Albia	FS-68-12-DWSRF-008	Water main replacement	2012	B,C,E	40	2	3706	P	\$ 350,000			\$ 350,000	
									\$ 173,474,641			\$ 216,280,022.60	\$ 31,814,050

- Project Status**  
 Dropped -- D  
 Ready for Loan -- R  
 Loan Signed -- L  
 Planning Stage -- P
- Project Type**  
 A = Water Quality and Human Health Risk-Related Criteria  
 B = Infrastructure and Engineering-Related Improvement  
 C = Affordability Criteria  
 D = Special Category Improvements  
 E = Project Serves Population less than 10,000  
 F = Supplemental Loan for Previously Approved Project  
 G = Planning and Design Loan
- Water and Energy Efficiency**  
 Emergency Generators  
 Disadvantaged Communities  
 Public Health Projects

- Abbreviations**  
 N/A = Not Applicable  
 Not used = No loan forgiveness assistance utilized for project  
 TBD = To Be Determined

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

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ITEM

6

**DECISION**

**TOPIC:      Solid Waste Alternatives Program – Contract Recommendations**

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The Department requests Commission approval of the following two (2) contracts totaling \$96,750.

Rite Environmental, Inc. of Waterloo, Iowa	\$36,750
Metro Waste Authority of Des Moines, Iowa	\$60,000

The Department received nine (9) proposals requesting \$197,337 in financial assistance during the January 2021, round of funding. Three (3) project selections are endorsed for funding at this time for a total of \$105,011. Two (2) selected proposal awards greater than \$25,000 are presented here for Commission approval. These projects, if approved, total \$96,750 in a combination of forgivable and zero percent loans.

The review committee consisted of five persons representing the Land Quality Bureau (2), Iowa Society of Solid Waste Operations (1), Iowa Recycling Association (1), and the Iowa Waste Exchange (1).

Funding for the Solid Waste Alternatives Program comes from a portion of the solid waste tonnage fee, assessed on municipal solid waste and construction and demolition waste being landfilled in Iowa landfills.

A description of the recommended projects, the project type, and the amount and type of funding assistance is attached.

At this time, the Department is requesting Commission approval to enter into a contract with the selected applicants.

Tom Anderson, Executive Officer II  
Land Quality Bureau  
Environmental Services Division

Attachment

- a) Project descriptions

March 16, 2021

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**Metro Waste Authority**  
**300 E. Locust Street, Suite 100**  
**Des Moines, Iowa 50309**

**Forgivable Loan: \$10,000**  
**0% Loan: \$50,000**  
**Total Award Amount: \$60,000**

**Cash Match: \$15,000**  
**Total Project Cost: \$75,000**

**Project Title: Material Recovery Equipment**

**Contact:** Leslie Irlbeck **Phone:** 515-323-6501

**Project Type:** Best Practices - Recycling

**Applicant:** Public

**Description:** The applicant is constructing a new material recovery facility (MRF) located in Grimes, Iowa. The \$30 million-dollar facility shall process recovered recyclable materials from central Iowa, including communities in the greater Des Moines metropolitan area.

In addition to optical sorting equipment, funding assistance shall be used for no-wrap augers designed to minimize shut downs caused by plastic bags in the materials being delivered to the facility for recycling.

The facility will receive, separate and prepare recyclable materials for end use manufacturers. The facility is designed to accept and process 45,000 tons of materials per year, per shift. The facility will accept cardboard, mixed paper, glass, plastics (HDPE and PET), and metal.

**Service Area:** Central Iowa

Iowa Department of Natural Resources  
Environmental Protection Commission

ITEM

7

DECISION

**Contract with THE UNIVERSITY OF IOWA****Recommendation:**

Commission approval is requested for a service contract with the State Hygienic Laboratory at the University of Iowa.

**Contract Terms:**

**Amount:** Not to exceed \$27,675.00

**Dates:** April 15, 2021 to April 15, 2022.

**Funding Source(s):** This Contract will be funded through Iowa Code section 455B.103 Environment First Fund (25%), Iowa Code section 456.33A Lake Restoration Program (25%), Fisheries Bureau funds (CC 8250) (25%), and Wildlife Bureau funds (CC 8350 5E) (25%).

**Statutory Authority:** Iowa Code section 455B.103.

**Contract Background:** This Contract maintains the expanded number of lakes from last year's Contract at 25 lakes. Data collected and analyzed as a part of this Contract will help decision maker's better understand the effectiveness of shallow lake restoration and allow managers to make more effective management decisions regarding future planning for restoration of shallow lakes across the state. Data collected through this project will be made available through the DNR's publicly available water quality database (AQuIA).

**Contract Purpose:** The parties propose to enter into this Contract to retain the Contractor to provide: laboratory analytical services of samples collected by DNR staff.

**Contractor Selection Process:**

DNR is allowed to contract with the University of Iowa pursuant to Iowa Code section 455B.103(3).

**Contract History:**

**Fiscal year 2020 Contract;** \$ 29,330.10; 25 lakes in this contract

**Fiscal year 2019 Contract;** \$ 47,250.00; 25 lakes in this contract

**Fiscal year 2018 Contract;** \$ 26,858.34; 25 lakes in this contract

**Fiscal year 2017 Contract;** \$ 27,433.35; 25 lakes in this contract

**Fiscal year 2016 Contract;** \$ 19,372.93; 18 lakes in this contract.

Roger Bruner, Environmental Program Supervisor, Water Quality Bureau  
Environmental Services Division  
March 16, 2021

**5.1 Statement of Work.** Contractor shall perform the following Tasks. Contractor shall complete its obligations under this Contract by the Task Milestone Dates set out in the following Table.

Obligation	Task Milestone Date
<p><b>Task 1: Water Sample Analysis</b>  <b>Description:</b> SHL shall provide chemical analysis of <b>shallow lake water samples</b> provided by DNR staff. Samples for this task shall be coded as DNRSHALLAKES.</p> <p>SHL shall provide sample containers and chain of custody forms for the water samples collected by the DNR staff during the Contract period. These samples shall be analyzed for the analytes shown in Table 1 or as modified on the chain of custody form submitted with the samples.</p> <p>DNR will pick up sample containers monthly at SHL Ankeny facility and will deliver samples to SHL for analysis.</p>	<p>Samples shall be analyzed no later than holding times established by SHL (Table 1), including standard operating procedures for laboratory analyses, unless authorized in writing by DNR.</p>
<p><b>Task 2: Data Transfer</b>  <b>Description:</b> SHL shall make the data generated pursuant to this Contract available to DNR electronically through the State Hygienic Laboratory’s OpenELIS database web portal. Data shall be available for download by DNR staff in a mutually agreeable format. The available sample information shall include the STORET station identification number, which will be provided by DNR for all station locations. Data shall be retrievable via the web portal by DNR staff.</p> <p>Analytical reports may be retrieved electronically by DNR staff having the appropriate authorization. SHL shall assist DNR staff in obtaining appropriate authorization when requested.</p> <p>When accessing electronic data, the following information is required:</p> <ul style="list-style-type: none"> <li>• SHL OpenELIS/Telcor Organization ID number: 3055</li> <li>• SHL Project Code: DNRSHALLAKES</li> </ul>	<p>SHL shall make completed data and results available to DNR via the SHL OpenELIS web portal not later than 15 calendar days after the end of each month.</p> <p>If SHL determines that extra time for analysis should be allowed in specific cases, then a written notification shall be made to the DNR Project Manager, stating that analytical results from a sample will be delayed and the reasons for the delay. This notification shall occur as soon as possible but not later than 15 days following receipt of the sample.</p>

**Table 1. Water quality sampling parameters, frequency and fee for Task 1.**

Parameter	Analytical Method	SHL Bottle # <sup>1</sup>	Reporting Limit <sup>2</sup>	Holding Time	Preservation	Test Fee	# of Samples	Total Fee
Total Dissolved Solids	SM 2540 C	1	1 mg/L	7 days	Cool to 4° C	\$15.00	125	\$1,875.00
Total Suspended Solids	USGS I-3765-85 or SM 2540 D		1 mg/L	7 days	Cool to 4° C	\$15.00	125	\$1,875.00
Total Volatile Suspended Solids <sup>3</sup>	EPA 160.4 TVSS		1 mg/L	7 days	Cool to 4° C	\$0.00	125	\$0.00
Total Phosphate as P	LAC 10-115-01 1E or LAC 10-115-01-1F or EPA 365.1	2	0.1 mg/L or 0.02 mg/L	28 days	Cool to 4° C, H <sub>2</sub> SO <sub>4</sub> to pH <2 <sup>4</sup>	\$15.00	125	\$1,875.00
Ammonia Nitrogen as N	LAC 10-107-06 1J or EPA 350.1		0.05 mg/L or 0.1 mg/L	28 days	Cool to 4° C, H <sub>2</sub> SO <sub>4</sub> to pH <2 <sup>4</sup>	\$15.00	125	\$1,875.00
Nitrite + Nitrate as N	LAC 10-107-04 1J or EPA 353.2		0.1 mg/L or 0.05 mg/L	28 days	Cool to 4° C, H <sub>2</sub> SO <sub>4</sub> to pH <2 <sup>4</sup>	\$15.00	125	\$1,875.00
Total Kjeldahl Nitrogen	LAC 10-107-06 2M or EPA 351.2		0.1 mg/L or 0.5 mg/L	28 days	Cool to 4° C, H <sub>2</sub> SO <sub>4</sub> to pH <2 <sup>4</sup>	\$38.00	125	\$4,750.00
Orthophosphate as P <sup>5</sup>	LAC 10-115-01 1A or EPA 365.1	24 or 9	0.02 mg/L	48 hours	Field Filtered, Cool to 4° C	\$15.00	125	\$1,875.00
Chlorophyll <i>a</i> Analysis of Water	EPA 445.0 Rev 1.2 or SM 10200 H	9	1 ug/L	24 hours to filter, 21 days frozen filter	Cool to 4° C	\$43.50	125	\$5,437.50
Phycocyanin	In Development	9	1 ug/L	24 hours to filter, 21 days frozen filter	Cool to 4° C	\$33.50	125	\$4,187.50
<b>Overall Total Cost</b>								<b>\$25,625.00</b>

<sup>1</sup>Final type and quantity of bottles will be specified in the bottle order and on the test request form (TRF).

<sup>2</sup>Reporting limits can vary.

<sup>3</sup>For this Contract, the fee for TVSS is included in the TSS test fee.

<sup>4</sup>All bottles provided by SHL that contain acid preservative must be leak proof.

<sup>5</sup>Samples for orthophosphate analysis should be filtered in the field as soon as possible after collection. If field filtered: filter 30 ml into a #24 bottle. If unable to filter in the field: fill a #9 bottle to the shoulder.

**7.1 Budget & Submission of Invoices.** The budget and submission of invoices for this Contract shall be as follows:

<b>Task*</b>	Total Amount of compensation allotted to Task** (Variable Payment***)	Task Milestone Date	Invoice Due No Later Than:
<b>Task 1: Water Sample Analysis</b>	Not to Exceed \$25,625.00	Samples shall be analyzed no later than holding times established by SHL (including standard operating procedures for laboratory analyses) unless authorized in writing by the Department.	30 days following the end of each month.
<b>Task 2: Data Transfer</b>	N/A	SHL shall make completed data and results available to DNR via the SHL OpenELIS web portal not later than 15 calendar days after the end of each month.  If SHL determines that extra time for analysis should be allowed in specific cases, then a written notification shall be made to the DNR Project Manager, stating that analytical results from a sample will be delayed and the reasons for the delay. This notification shall occur as soon as possible but not later than 15 days following receipt of the sample.	N/A
Sub-totals	Not to Exceed \$25,625.00		
Facilities and Administrative Costs @ 8%	Not to Exceed \$2,050.00		NA; Included with invoice above
Total	Not to Exceed \$27,675.00		

\*Payment for completion of Tasks where specific payment is allotted shall be dependent upon the timely completion of corresponding items required by Tasks where no specific payment is allotted.

\*\*Payment also shall conform to any pricing Tables contained in this Contract and referenced in the Budget Table above; or to the relevant SHL Pricing Table. Tables contained in this Contract shall take precedence, in the event of any inconsistency.

\*\*\*Variable payment” shall mean that the number of specific analyses per Task may vary, and the Contractor shall be paid only for the number of specific analyses performed per Task. “Fixed payment” shall mean that the Contractor shall be paid an amount that is fixed in the Contract, with no variations based on analyses per Task actually performed.

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

**# 8**

**Decision Item**

**Memorandum of Understanding with Iowa Department of Administrative Services**

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**Commission approval is requested for a Memorandum of Understanding (MOU) with Iowa Department of Administrative Services (DAS), of Des Moines, IA.**

**Contract Terms:**

**Amount:** Not to exceed \$200,000

**Dates:** March 20, 2021 to June 30, 2022.

**Funding Source(s):** U.S. EPA Section 319 grant to DNR, Grant Number 00740425

**Statutory Authority:** Funds are administered by DNR under statutory authority granted by Iowa Code section 455B.103 and an U.S. EPA approved work plan.

**Contract Background:** As set out in Iowa's Nonpoint Source Management Plan, key components of Iowa's Section 319 projects include collaboration with state agencies (Objective 1.1), implementing rural and urban best management practices (BMPs) that aid the statewide water quality education campaign (Objective 2.3; Action Step 1), and informing Iowans about water quality issues and motivating involvement (Objective 2.5). Through the implementation of stormwater BMP projects across the Capitol Complex, the DNR has built a relationship with DAS as a peer agency with state land management duties. The Capitol Complex BMPs are strategically located to provide demonstration and education value for visitors to the State Capitol grounds and other governmental properties around the capital city of Des Moines.

With the successes of the previous collaborative projects, DAS has developed new tools for grounds and facility management that allow for the incorporation of sustainable stormwater management practices and an associated reduction in intensive management, such as mowing turfgrass. These projects have begun to transform the Capitol Complex and improve the sustainability and resilience of DAS's facility management and grounds keeping operations. As a capstone Section 319 project regarding the Capitol Complex, DNR and DAS seek to enter an MOU to complete a BMP project at Terrace Hill in Des Moines. This capstone project will mark the completion of the currently planned joint-funded stormwater demonstration projects between DAS and DNR, though DNR will continue to provide technical assistance on existing and future projects as needed.

A priority erosion issue at Terrace Hill, Iowa's Governor's Mansion, was brought to DNR's attention by a DAS site administrator. Stormwater from the mansion roof and parking areas is channeled over-land and via pipe, causing gully erosion to form. This causes associated problems such as reduced grass growth, sidewalk undercutting, and retaining wall settling. DNR visited the site several times with IDALS Urban Conservation, National Park Service, State Historic Preservation Office, and additional partners, and has conducted pre-project work at the site including the required cultural investigation, landscaping vision assessment, and pre-construction engineering and design.

**Contract Purpose:** The MOU will provide funding to construct BMPs that will address the stormwater management and erosion issues at the highest priority site on the Terrace Hill grounds – the area in front of the primary public entrance to the mansion. The designed BMPs, in the form of stair-stepped infiltration gardens, are consistent with the vision for the landscape and architectural preservation of the Terrace Hill National Historic Landmark and capable of abating stormwater erosion and sediment pollution at the site. Additionally, the BMPs at the Terrace Hill National Historic Landmark will provide an educational demonstration of water quality improvement practices and the programs that fund them to the 10,000 annual visitors to the mansion. Through the use of educational signage and outreach tours by Terrace Hill and DAS staff, the BMPs will provide an example to visitors of the methods actively being used by DNR and DAS to effectively and sustainably improve water quality on state owned lands and properties.

**Selection Process Summary:** Intergovernmental contracting with DAS 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:**

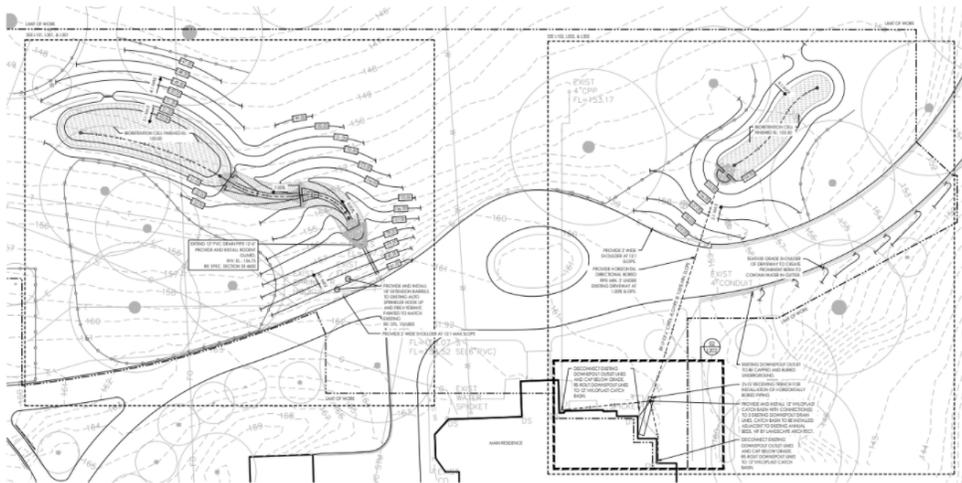
**20ESDWQBSKONR-0002**, Capitol Terrace Bioretention Cell Implementation; Timeframe: August 3, 2019 to June 30, 2020; Amount \$165,200; Amendment: Amendment #01 to add \$35,200 for additional costs to meet accepted bid for construction and to modify scope to allow for bid timeframe.

Steve Konrady, Project Officer, Water Quality Bureau  
 Environmental Services Division  
 March 16, 2021

**Scope of Work and Budget:**

- **Construction Management** – DAS shall subcontract construction management services which include all activities related to bid letting for construction and oversight of construction process. Implementation of the completed design will be overseen by both the construction management firm and the design firm in concert to ensure proper function of the BMP. **Budget** – None (previously budgeted)
- **Construction** – DAS shall subcontract construction of the designed BMPs to a contractor capable of working on the landscape and with respect for the challenges of working on and around a National Historic Landmark. Construction shall be conducted in Site Work (earthwork) and Landscaping phases. **Budget** – Site Work Phase: \$133,800; Landscaping Phase: \$46,850; Contingency: \$19,350 **TOTAL: \$200,000**

**Total Budget:** Not to exceed \$200,000



**Figure 1.** Site plan as designed, Terrace Hill mansion and public entry at bottom of image. Design calls for two, stair-stepped infiltration gardens downslope from the house to address areas of primary erosion on the front lawn.

**Partnerships Engaged:**

- Iowa Department of Administrative Services
- IDALS Urban Conservationists
- National Park Service
- U.S. Environmental Protection Agency
- Terrace Hill Society Foundation
- Iowa DNR Forestry
- First Gentleman of Iowa
- U.S. Natural Resources Conservation Service
- Polk County Soil and Water Conservation District
- State Historic Preservation Office

**DAS Match Documented:**

DAS/DNR Projects at the Capitol Complex:	
Cash Contributions:	\$32,124
In-Kind Contributions:	\$3,390
Annual Maintenance (to-date):	\$2,800
<b>TOTAL:</b>	<b>\$38,314</b>

**Estimates of future match on-site:**

Annual Maintenance at Terrace Hill: (Estimate per annum, practice lifetime)	\$2,000
Targeted Tree Removal Mitigation: (Does not account for lost tree value)	\$2,100
<b>20-YEAR TOTAL:</b>	<b>\$42,100</b>

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

ITEM

9

INFORMATION

**TOPIC      Air Quality – Fiscal Year 2022 Draft Budget Review**

This item is presented to the Commission for information and details the Fiscal Year 2022 draft budgets for fee revenues in addition to state and federal funds, that support Air Quality Bureau services and activities (as required by Iowa Code sections 455B.133B and 455B.133C).

Annually, at the March Commission meeting, the Department presents the Air Quality Bureau's (Bureau's) draft budget and calculated estimate of the total fee revenues for the upcoming fiscal year. Fee revenue is computed to produce total revenues sufficient to pay for the reasonable direct and indirect costs of implementing and administering each respective air quality program area, and is summarized in the attachment. The calculated estimates of total revenues for each fee account do not exceed the limits established in statute for these program areas.

Prior year's trends, and input from stakeholders, are used to estimate activity levels that may affect fees and workloads (expenditures). Actual fees submitted for notifications, applications, or emissions vary annually and cannot be projected precisely. The revenue generated will vary depending on the number of applications and notifications, the complexity of projects submitted, and the total emissions reported for the prior year.

Information on funding sources including fees, state, and federal funds and corresponding budgets are presented in this item:

1. [Title V<sup>1</sup> emission fees;](#)
2. [Application fees for Title V operating permits;](#)
3. [Application fees for Major source<sup>2</sup> construction permits;](#)
4. [Application fees for Minor source<sup>3</sup> construction permits;](#)
5. [Asbestos notification fees;](#) and
6. [State and Federal funds and grants.](#)

Currently Iowa has approximately 280 Title V Major facilities. Examples of Title V facilities ("Major source") include: electric utilities, food and grain processors, manufacturing operations, natural gas pipelines, and ethanol plants. A "Minor source" is any stationary source of air pollution not included in the Major source definition. Iowa has over 4,000 Minor sources, many of which qualify from permitting exemptions but which may be subject to state or federal standards. Examples of Minor sources include: country grain elevators, asphalt paving plants, concrete batch plants, and small manufacturing operations.

<sup>1</sup> "Title V" refers to Title 5 of the federal Clean Air Act Amendments of 1990. Title V requires operating permits for certain facilities. Emission fees are collected from Title V facilities to support program costs.

<sup>2</sup> "Major source" means a stationary source of air pollution that is subject to the Title V operating permit program. Emission thresholds for the Title V program are: potential to emit 100 tons per year (tpy) or more of any air pollutant; or the potential to emit 10 tpy or more of any individual hazardous air pollutant; or the potential to emit 25 tpy or more of any combination of hazardous air pollutants (567 IAC 22.100). These thresholds do not include carbon monoxide or greenhouse gases.

<sup>3</sup> "Minor source" means a stationary source of air pollution that emits less than Major source thresholds.

**Stakeholder Input.** The Bureau convened a stakeholder fee advisory group meeting on January 6, 2021, to discuss budgets and fees associated with Title V emissions, Title V operating permit applications, Major source construction permit applications, Minor source construction permit applications, and asbestos notifications. Review and discussions of budgets and fees associated with Major source construction permit applications, Title V operating permit applications, and Title V emissions were combined into one joint fee advisory group.

The draft state fiscal year (FY) 2022 budget was presented to the advisory groups and included the Bureau's calculated estimate for fees computed to produce revenues sufficient to pay for reasonable direct and indirect costs of implementing and administering each of the programs. The Department is proposing to maintain all fees at current levels.

### **FY 2022 Draft Budget**

Personnel expenses include an estimated increase of 3% and a Department indirect rate increase from 12.16% to 12.2%. The Department's indirect rate is calculated per state and federal requirements. Where possible, other expenses reflect prior year or anticipated expenses.

Professional service contracts for the State Hygienic Laboratory (SHL) and the University of Northern - Iowa Air Emissions Assistance Program (UNI-IAEAP); and portions of the state aid to Linn and Polk Counties are anticipated to be presented to the Commission for approval at the June meeting.

The methodology used to calculate estimates of total revenues that will be received in FY 2022 for each fee account follows. Revenue remaining in any account at the end of the fiscal year is carried forward in that account for future year expenses.

#### **1. Title V emission fee proposal for core activities: No fee change.**

Over half of the Air Quality Program is funded by Title V Emission Fees. These activities include ambient monitoring, emission inventory, compliance and inspection, state implementation plans, rules and other planning activities.

**Budget:** The Bureau has drafted a budget of \$7,121,000 for the direct and indirect expenses for implementing core Title V program activities (excluding application review and permit issuance). Major source related core activities include, but are not limited to: emissions inventories; rule, budget, and state implementation plan development; small business assistance; data, management, and secretarial support; and compliance assistance, field inspections, and enforcement.

**Fee:** The Title V emissions fee rate for FY 2022 of \$70 per ton of air pollution emitted is calculated using anticipated calendar year 2020 emissions to produce an estimated revenue of \$5,600,000. This is less than the statutory cap of \$8,250,000 per year. The Bureau currently estimates that emissions from Title V facilities will be reported as approximately 80,000 tons, an estimated 15% reduction from 94,068 tons in 2019. The fee will remain sufficient to cover costs due to the Bureau's estimate that there will be \$1,815,000 in funds carried forward from the prior year.

Title V Emission Fee	FY 2021 Budget	Draft FY 2022 Budget	Difference 2022-2021
FTE	31.75	30.50	-1.25
<b>Total Expenses</b>	<b>\$7,171,000</b>	<b>\$7,121,000</b>	<b>-\$50,000</b>
<b>Revenue Summary</b>			
Balance forward	\$2,353,000	\$1,815,000	
Fund interest	\$50,000	\$50,000	
Title V fees (rounded)	\$6,583,000	\$5,600,000	
<i>annual tons (est)</i>	<i>94,038</i>	<i>80,000</i>	
<i>\$/ton</i>	<i>\$70</i>	<i>\$70</i>	
<b>Total Revenue</b>	<b>\$8,986,000</b>	<b>\$7,465,000</b>	<b>-\$1,521,000</b>
<b>Revenues - Expenses</b>	<b>\$1,815,000</b>	<b>\$344,000</b>	

## 2. Title V operating permit application and permit issuance fee: No fee change.

Title V Operating Permit Application Program is responsible for issuing operating permits to facilities subject to Title V of the Federal Clean Air Act. Operating permits are designed to ensure equipment continues to perform as designed, to protect ambient air quality. Operating permits for subject facilities in Linn and Polk counties are reviewed by these local programs and issued by DNR.

Budget: The Bureau has drafted a budget of \$581,000 for the direct and indirect expenses for Title V permit application review and permit issuance.

Fee: The hourly fee is calculated to produce an estimated revenue of \$640,000. This calculated estimate will not produce total revenue in excess of the statutory cap of \$1,250,000 per year. The revenue estimates are based on the allocated staff hours available to work on these activities during the fiscal year and the Bureau's estimate that there will be approximately \$17,000 in funds carried forward from the prior year.

Title V Operating Permit Application Program	FY 2021 Budget	Draft FY 2022 Budget	Difference 2022-2021
FTE	5.50	5.50	0.00
<b>Total Expenses</b>	<b>597,000</b>	<b>581,000</b>	<b>-16,000</b>
<b>Revenue Summary</b>			
Carry forward	-\$96,000	\$17,000	
Local Program Fee - Pass Through	\$135,000	\$140,000	
Fees	\$575,000	\$500,000	
<b>Total Revenue</b>	<b>\$614,000</b>	<b>\$657,000</b>	<b>\$43,000</b>
<b>Revenue - Expenses</b>	<b>\$17,000</b>	<b>\$76,000</b>	

### 3. Major source construction permit application and dispersion modeling fees: No fee change.

Major source Construction Permit Application Program is responsible for the review and approval of all pre-construction air permit applications at Major sources. For Prevention of Significant Deterioration (PSD) permit applications at a Major source located in Linn County, Linn County reviews the permit application and DNR issues the final permit. Examples of Major sources include: electric utilities, food and grain processors, manufacturing operations, natural gas pipelines, and ethanol plants.

Budget: The Bureau has budgeted \$1,482,000 for Major source construction permit application processing expenses from this account, consistent with projected workload estimates for the Bureau and Linn County.

Fee: The hourly fees are calculated to produce an estimated revenue of \$1,248,000. The calculated estimate will not produce total revenue in excess of the statutory cap of \$1,500,000 per year. The fee will remain sufficient to cover costs due to the Bureau's estimate that there will be \$250,000 in funds carried forward from the prior year.

Major source Construction Permit Application Program	FY 2021 Budget	Draft FY 2022 Budget	Difference 2022-2021
FTE	10.25	10.50	0.25
Total Expenses	1,337,000	1,482,000	145,000
<b>Revenue Summary</b>			
Carry forward	\$355,000	\$250,000	
Local Program pass through	\$29,000	\$30,000	
Fees & Interest	\$1,203,000	\$1,218,000	
Total Revenue	\$1,587,000	\$1,498,000	-\$89,000
Revenues – Expenses	\$250,000	\$16,000	

### 4. Minor source construction permit program: No fee change.

Minor source Construction Permit Application Program is responsible for the review and approval of all pre-construction air permit applications at non-Major sources. Examples of Minor sources include: country grain elevators, asphalt paving plants, concrete batch plants, and small manufacturing operations.

Budget: The Bureau has budgeted \$507,000 for Minor source construction permit application processing expenses.

Revenue: The Minor source construction permit application fee revenues are calculated to produce an estimated revenue of \$120,000. The Bureau estimates that it will receive approximately 311 Minor source construction permit applications in FY 2022. This calculated estimate will not produce total revenue from fees in excess of the statutory cap of \$250,000 per

year. In addition to the fee, the bureau budgets to match the fee contribution with state and federal funds (EPA Performance Partnership Grant (PPG)) of \$229,000 and \$158,000 in additional PPG funds.

<b>Minor source Construction Permit Application Program</b>	<b>FY 2021 Budget</b>	<b>Draft FY 2022 Budget</b>	<b>Difference 2022 - 2021</b>
<b>FTE</b>	<b>4.00</b>	<b>4.00</b>	<b>0.00</b>
<b>Total Expenses</b>	528,000	507,000	-21,000
<b>Revenue Summary</b>			
Balance Forward & Interest	-\$44,000	\$1,000	
General Funds/Federal 105 Funds (PPG)	\$345,000	\$386,000	
Fees	\$227,000	\$120,000	
<b>Total Revenue</b>	<b>\$528,000</b>	<b>\$507,000</b>	<b>-\$21,000</b>
<b>Revenue – Expenses</b>	<b>\$0</b>	<b>\$0</b>	

#### **5. Asbestos notification fee: No fee change.**

Asbestos NESHAP Program is responsible for conducting inspections of building renovations, demolitions, and training fires subject to federal emissions standards for prevention of asbestos releases.

Budget: The Bureau has budgeted \$276,000 for asbestos program expenses to accommodate outreach, education, and support activities.

Revenue: The estimated revenue is based on the number of notifications received in a typical year. The calculated estimate shall not produce total revenue in excess of \$450,000 during the state fiscal year. Approximately \$122,000 in fee revenue will be carried forward from the prior year and approximately \$18,000 of PPG funds will be allocated to assist with natural disasters.

<b>Asbestos NESHAP Program</b>	<b>FY 2021 Budget</b>	<b>Draft FY 2022 Budget</b>	<b>Difference 2022-2021</b>
<b>FTE</b>	<b>2.50</b>	<b>2.50</b>	<b>0.00</b>
<b>Total Expenses</b>	\$283,000	\$276,000	-\$7,000
<b>Revenue Summary</b>			
Carry forward	\$153,000	\$122,000	
State/Federal Funds	\$52,000	\$18,000	
Asbestos notification fees & interest	\$200,000	\$200,000	
<b>Revenue (rounded)</b>	<b>\$405,000</b>	<b>\$340,000</b>	<b>-\$65,000</b>
<b>Revenue – Expenses</b>	<b>\$122,000</b>	<b>\$64,000</b>	

**6. State & Federal Funds and Grants (Not Including those allocated to either the Minor source Construction Permitting Program or the Asbestos Program.)**

State and federal funds and grants also fund ambient monitoring, emission inventory, compliance and inspection, state implementation plans, rules and other planning activities.

<b>State &amp; Federal Funds and Grants (with some exceptions)</b>	<b>FY 2021 Budget</b>	<b>Draft FY 2022 Budget</b>	<b>Difference 2022-2021</b>
<b>FTE</b>	<b>8.50</b>	<b>9.50</b>	<b>1.00</b>
<b>Total Expenses</b>	<b>2,514,000</b>	<b>2,511,000</b>	<b>-3,000</b>
<b>Revenue Summary</b>			
General Funds	549,000	566,000	
Federal 105 Funds	959,000	979,000	
One-time Federal 105 Funds (Additional PPG & MP Grants)	106,000	107,000	
State Environment First Funds	425,000	425,000	
Federal 103 Funds	473,000	473,000	
Technology Reinvestment Fund	66,000	0	
<b>Total</b>	<b>2,578,000</b>	<b>2,550,000</b>	<b>-28,000</b>
<b>Revenue-Expenses</b>	<b>64,000</b>	<b>39,000</b>	

**Next Steps**

The draft budget will be available for informal public comment until the May Commission meeting. The Department may bring forward requests for fee changes at the May Commission meeting. A fee not adjusted by the Commission would remain in effect as previously established.

The final budget submitted for entry in the state accounting system will be updated based on public input and any refinements to the costs for personnel provided by the Department of Management, the Department's indirect rate, contracts and agreements, accrued interest, the amount of savings from unspent funds, any federal program implementation requirements, and the reported chargeable emissions.

Wendy Walker, Environmental Specialist Senior  
Program Development Section, Air Quality Bureau  
Environment Services Division

Memo date: February 22, 2021