

# Agenda

## Environmental Protection Commission

Tuesday, June 21, 2022

Teleconference: 631-618-4607 PIN: 484 733 354#

Video Conference: <https://meet.google.com/rzo-uidn-tvg>

502 East 9<sup>th</sup> Street, Des Moines, Iowa 50319

DNR 2 North Conf Room

**Tuesday, June 21, 2022**

**10:00 AM – EPC Business Meeting**

If you are unable to attend the business meeting, comments may be submitted to Alicia Plathe at [Alicia.Plathe@dnr.iowa.gov](mailto:Alicia.Plathe@dnr.iowa.gov) or 502 East 9th St, Des Moines IA 50319 up to 24 hours 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 10)	Ed Tormey (Information)
4	Director's Remarks	Kayla Lyon (Information)
5	Contract with Iowa Department of Agriculture and Land Stewardship (IDALS)- Palo Alto Shallow Lakes Watershed Project (Packet Page 11)	Kyle Ament (Decision)
6	Contract with The University of Northern Iowa, Iowa Waste Reduction Center (Packet Page 13)	Bill Blum (Decision)
7	Contract with Iowa Department of Agriculture and Land Stewardship, Nonpoint Source Loan Program (Packet Page 15)	Theresa Enright (Decision)
8	Contract with the State Hygienic Laboratory at The University of Iowa- Ambient Streams Monitoring (Packet Page 17)	Daniel Kendall (Decision)
9	Contract with the State Hygienic Laboratory at The University of Iowa- Ambient Stream Biological Monitoring and Laboratory Services (Packet Page 27)	Ken Krier (Decision)
10	Contract with the University of Northern Iowa-Air Emissions Assistance Program (Packet Page 36)	Christine Paulson (Decision)
11	Contract with Linn County-Air Quality 28E Agreement (Packet Page 44)	Christine Paulson (Decision)
12	Contract with Polk County-Air Quality 28E Agreement (Packet Page 52)	Christine Paulson (Decision)
13	Contract with the State Hygienic Laboratory at The University of Iowa-2023 SHL Services in Support of the DNR Air Quality Bureau (Packet Page 60)	Brian Hutchins (Decision)
14	Contract with Iowa Department of Agriculture and Land Stewardship, Yellow River Headquarters Water Quality Project (Packet Page 69)	Miranda Haes (Decision)
15	Contract with the Little Sioux Headwaters Coalition (Packet Page 71)	Steve Konrady (Decision)
16	Contract with the Shell Rock River Watershed Management Coalition (Packet Page 73)	Steve Konrady (Decision)
17	Contract with the State Hygienic Laboratory at The University of Iowa, Lab Certification (Packet Page 75)	Kathleen Lee (Decision)

18	Clean Water and Drinking Water State Revolving Loan Fund-FY2023 Intended Use Plan (Packet Page 77)	Theresa Enright (Decision)
19	Grant Funding for two Environmental Management System (EMS) Proposals (Packet Page 130)	Laurie Rasmus (Decision)
20	General Discussion	
21	Items for Next Month's Meeting	
	<ul style="list-style-type: none"> <li>Wednesday, July 13, 2022, State Forest Nursery, Ames, IA (Combined Meeting with the Natural Resource Commission)</li> <li>Tuesday, August 16, 2022, Wallace Building</li> </ul>	

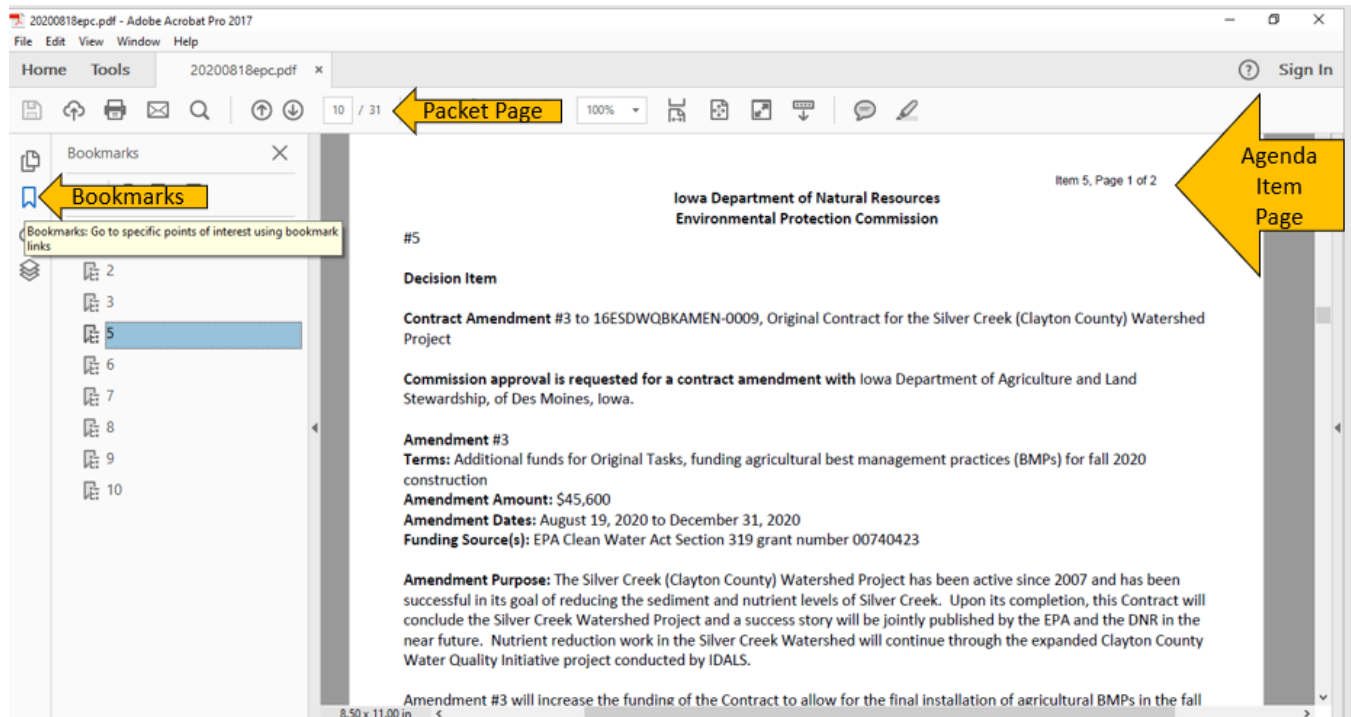
For details on the EPC meeting schedule, visit <http://www.iowadnr.gov/About-DNR/Boards-Commissions>

<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 with special requirements such as those related to mobility or hearing impairments who wishes to participate in the public meeting should promptly 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) to 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**

**May 17 2022**

**Video Teleconference  
and  
Wallace State Office Building**

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

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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 10:05am on May 17, 2022 via a combination of in-person and video/teleconference attendees. A verbal attendance list was conducted for Commissioners, Department of Natural Resources (DNR) staff, and members of the public.

#### COMMISSIONERS PRESENT

- Rebecca Dostal
- Stephanie Dykshorn
- Mark Stutsman
- Harold Hommes
- Patricia Foley
- Amy Echard
- Ralph Lents

#### COMMISSIONERS ABSENT

- Lisa Gochenour
- Brad Bleam

#### EPC OFFICER ELECTION

- Chairperson Lents made a request for nominations for individuals for Chairperson. Stephanie Dykshorn nominated Harold Hommes to serve as Chairperson. Nominations ceased. The motion passed unanimously.
- Chairperson Hommes made a request for nominations for individuals for Vice Chairperson. Amy Echard nominated Stephanie Dykshorn to serve as Vice Chairperson. Nominations ceased. The motion passed unanimously.
- Chairperson Hommes made a request for nominations for individuals for Secretary. Stephanie Dykshorn nominated Amy Echard. Nominations ceased. The motion passed unanimously.

#### APPROVAL OF AGENDA

*Motion was made by Rebecca Dostal 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 Stephanie Dykshorn to approve the April 19, 2022 EPC minutes as presented. Seconded by Patricia Foley. Rebecca Dostal-aye, Stephanie Dykshorn-aye, Mark Stutsman-absent, Harold Hommes-aye, Patricia Foley-aye, Amy Echard-aye, Brad Bleam-aye, Lisa Gochenour-aye, Ralph Lents-aye Motion passes.*

**APPROVED AS PRESENTED**

#### MONTHLY REPORTS

- Ed Tormey, Division Administrator, thanked Commissioner Lents for all of his work as former Chairperson and congratulated Chairperson Hommes on his new role.
- Ed shared the sad news that recently-retired Water Quality Bureau Supervisor, Roger Bruner, passed away.

- Ed also reported that Sarah Pizali was hired as the new Air Quality Bureau Chief. Sarah was promoted from her previous role as the Air Quality Construction Permitting section supervisor.
- Ed stated for the record that no changes, nor increases, will be made to the draft Air Quality FY 2023 budget as it was presented at the March Commission meeting.
- Ed notified the Commissioners that the DNR received a Petition for Rulemaking from the Iowa Environmental Council and the Iowa Environmental Law and Policy Center regarding the siting of Animal Feeding Operations and the 100 year floodplain map. It is currently under review. Legal Counsel, Tamara McIntosh, reminded Commissioners of the process and their role in Petitions for Rulemaking.

**INFORMATION**

**DIRECTOR’S REMARKS**

- Director Lyon thanked Commissioner Lents for his service as Chairperson and congratulated Commissioners on their new positions.
- Director Lyon provided a brief update on the Legislative session, noting that budgets were still being discussed.
- Director Lyon highlighted the partnership between Iowa’s Tourism office and the Iowa DNR. She relayed that Iowa Tourism highlights Iowa’s natural resources in their marketing materials. She shared data from a recent survey conducted by Iowa Tourism that showed that Iowa’s perspective on the natural resource opportunities in Iowa and their perspective of Iowa’s environment and natural landscapes have increased by 20+ percentage points from 2018 to 2022.
- Director Lyon closed by sharing the positive results of a new pilot project at Walnut Woods State Park that allows for same-day camping reservations.

**INFORMATION**

**DERELICT BUILDING GRANT PROGRAM-GRANT RECOMMENDATIONS**

Reid Bermel presented 5 applications for grant funding approval through the Derelict Building Grant Program, all of which have funding earmarked for asbestos abatement. Commissioners showed support for the program and discussed a desire to see more work done on asbestos abatement.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Rebecca Dostal to approve the item as presented. Seconded by Stephanie Dykshorn.  
Rebecca Dostal-aye, Stephanie Dykshorn-aye, Mark Stutsman-aye, Patricia Foley-aye, Amy Echard-aye, Ralph Lents-aye, Brad Bleam-absent, Lisa Gochenour-absent, Harold Hommes-aye,  
Motion passes.*

**APPROVED AS PRESENTED**

**GRANT AGREEMENT AMENDMENT WITH REGION XII COUNCIL OF GOVERNMENTS-IOWA WASTE EXCHANGE**

Bill Blum presented a request to extend a contract with Region XII Council of Governments to fulfill services for the Iowa Waste Exchange.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Ralph Lents to approve the item as presented. Seconded by Patricia Foley.  
Rebecca Dostal-aye, Stephanie Dykshorn-aye, Mark Stutsman-aye, Patricia Foley-aye, Amy Echard-aye, Ralph Lents-aye, Brad Bleam-absent, Lisa Gochenour-absent, Harold Hommes-aye,  
Motion passes.*

**APPROVED AS PRESENTED**

**ADOPTED AND FILED-CHAPTERS 567 IAC 100 AND 122-CAHTODE RAY TUBE RECYCLING**

Theresa Stiner presented a request for approval for the Adopted and Filed rule to amend Chapter 567 IAC 100 and to rescind and replace Chapter 567 IAC 122 Cathode Ray Tube Device (CRT) Recycling. Sue Johnson reported the number of pounds received through CRT recyclers since 2017: 2017 (5.5 million lbs), 2018 (6 million lbs), 2019 (9 million lbs), 2020 (10 million lbs) and 2021 (13 million lbs).

**Public Comments – None**

**Written Comments – None**

*Motion was made by Amy Echard to approve the item as presented. Seconded by Rebecca Dostal.*

*Rebecca Dostal-aye, Stephanie Dykshorn-aye, Mark Stutsman-aye, Patricia Foley-aye, Amy Echard-aye, Ralph Lents-aye, Brad Bleam-absent, Lisa Gochenour-absent, Harold Hommes-aye, Motion passes.*

**APPROVED AS PRESENTED**

**ADOPTED AND FILED-CHAPTER 72-FLOODPLAIN RULES FOR REPLACEMENT BRIDGES**

Jonathan Garton presented a request for approval for the Adopted and Filed rule to update 567 IAC Chapter 72 in regards to floodplain permitting of replacement bridges.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Ralph Lents to approve the item as presented. Seconded by Rebecca Dostal.*

*Rebecca Dostal-aye, Stephanie Dykshorn-aye, Mark Stutsman-aye, Patricia Foley-aye, Amy Echard-aye, Ralph Lents-aye, Brad Bleam-absent, Lisa Gochenour-absent, Harold Hommes-aye, Motion passes.*

**APPROVED AS PRESENTED**

**CONTRACT WITH THE UNIVERSITY OF IOWA ON BEHALF OF THE STATE HYGIENIC LAB-FIELD SERVICES AND COMPLIANCE BUREAU, LABORATORY SERVICES**

Christina liams presented on a contract with the State Hygienic Laboratory at the University of Iowa to provide laboratory services to the DNR Field Services and Compliance Bureau.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Mark Stutsman to approve the item as presented. Seconded by Stephanie Dykshorn.*

*Rebecca Dostal-aye, Stephanie Dykshorn-aye, Mark Stutsman-aye, Patricia Foley-aye, Amy Echard-aye, Ralph Lents-aye, Brad Bleam-absent, Lisa Gochenour-absent, Harold Hommes-aye, Motion passes.*

**APPROVED AS PRESENTED**

**CONTRACT WITH IOWA STATE UNIVERSITY FOR MANURE APPLICATOR CERTIFICATION (MAC) TRAINING**

Christina liams presented on a service contract with Iowa State University to provide Manure Applicator Certification (MAC) Training. Jeff Prier reported that over 4,000 commercial and confinement operators are certified through the system annually.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Amy Echard to approve the item as presented. Seconded by Rebecca Dostal.*

*Rebecca Dostal-aye, Stephanie Dykshorn-aye, Mark Stutsman-aye, Patricia Foley-aye, Amy Echard-aye, Ralph Lents-aye, Brad Bleam-absent, Lisa Gochenour-absent, Harold Hommes-aye, Motion passes.*

**APPROVED AS PRESENTED**

**CONTRACT WITH THE UNIVERSITY OF TEXAS AT DALLAS (UT DALLAS)- EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT (EPCRA) SECTION 312**

Christina liams presented on a service contract with the University of Texas at Dallas (UT Dallas) for continued service of the Iowa EPCRA database. Christina verified that UT Dallas is a sole source provider of the database and informed the Commissioners that the information in the database is used to protect first responders. Ed Tormey gave an example of a West Texas fertilizer explosion as to why it is valuable to keep information accessible in a database.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Ralph Lents to approve the item as presented. Seconded by Patricia Foley.*

*Rebecca Dostal-aye, Stephanie Dykshorn-aye, Mark Stutsman-aye, Patricia Foley-aye, Amy Echard-aye, Ralph Lents-aye, Brad Bleam-absent, Lisa Gochenour-absent, Harold Hommes-aye, Motion passes.*

**APPROVED AS PRESENTED**

**CONTRACT WITH IOWA STATE UNIVERSITY -GIS SERVICES**

Kathryne Clark presented a contract with the Iowa State University to provide entry-level GIS services from the ISU GIS Facility.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Stephanie Dykshorn to approve the item as presented. Seconded by Patricia Foley.*

*Rebecca Dostal-aye, Stephanie Dykshorn-aye, Mark Stutsman-aye, Patricia Foley-aye, Amy Echard-aye, Ralph Lents-aye, Brad Bleam-absent, Lisa Gochenour-absent, Harold Hommes-aye, Motion passes.*

**APPROVED AS PRESENTED**

**CONTRACT WITH THE UNIVERSITY OF IOWA ON BEHALF OF THE STATE HYGIENIC LAB-PFAS SAMPLING**

Lori McDaniel presented a contract with the State Hygienic Lab to provide analyses of drinking water samples for PFAS analytes. Lori mentioned that SHL is certified to perform the approved PFAS sampling method analysis. She also reported on the findings from 2021 sampling throughout the state.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Ralph Lents to approve the item as presented. Seconded by Rebecca Dostal.*

*Rebecca Dostal-aye, Stephanie Dykshorn-aye, Mark Stutsman-aye, Patricia Foley-aye, Amy Echard-aye, Ralph Lents-aye, Brad Bleam-absent, Lisa Gochenour-absent, Harold Hommes-aye, Motion passes.*

**APPROVED AS PRESENTED**

**REFERRALS TO THE ATTORNEY GENERAL**

David Scott presented two referrals to the Attorney General for two separate parties: Tim Peters (TNT Disposal, LLC) and David Omar Mercado. David Scott responded to general questions regarding waste tire disposal as well as the possible next steps for cleanup.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Mark Stutsman to refer Tim Peters to the Attorney General’s Office. Seconded by Patricia Foley.*

*Rebecca Dostal-aye, Stephanie Dykshorn-aye, Mark Stutsman-aye, Patricia Foley-aye, Amy Echard-aye, Ralph Lents-aye, Brad Bleam-absent, Lisa Gochenour-absent, Harold Hommes-aye,*



*Motion passes.*

*Motion was made by Stephanie Dykshorn to refer David Omar Mercado to the Attorney General's Office. Seconded by Mark Stutsman.*

*Rebecca Dostal-aye, Stephanie Dykshorn-aye, Mark Stutsman-aye, Patricia Foley-aye, Amy Echard-aye, Ralph Lents-aye, Brad Bleam-absent, Lisa Gochenour-absent, Harold Hommes-aye, Motion passes.*

**APPROVED AS PRESENTED**

**GENERAL DISCUSSION**

**ELECTION OF TEMPORARY CHAIRPERSON**

- The Commissioners discussed the need to elect a temporary Chairperson for the June public meeting due to the foreseen absence of both Harold Hommes, Chairperson, and Stephanie Dykshorn, Vice Chairperson.

*Motion was made by Stephanie Dykshorn to elect Ralph Lents as Temporary Chairperson for the June EPC Meeting. Seconded by Harold Hommes. The Chairperson asked for the Commissioners to approve the agenda by saying aye.*

*There were no nay votes.*

*Motion passes.*

- Chairperson Hommes reminded everyone of the upcoming Commission meeting to be held on June 21, 2022 at the Wallace Building. He also mentioned that the July Commission meeting is planned to be held offsite at the State Forest Nursery in Ames and will be held in conjunction with the Natural Resource Commission meeting.

**ADJOURN**

*The Chairperson adjourned the Environmental Protection Commission meeting at 11:30 am on March 17, 2022.*

**ADJOURNED**

**Monthly Waiver Report  
May 2022**

Item #	DNR Reviewer	Facility/City	Program	Subject	Decision	Date	Agency
1	Susan Johnson	Dubuque Metro Area Solid Waste Agency	Solid Waste	Chapter 109.10(2)prohibits the landfilling of Class I or II Sewage sludge, and shall be land applied in accordance with 567—Chapter 67.	Approved	4.26.22	22hww110
2	Danjin Zulic	John Deere Davenport Works	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	4.29.22	22aqv111
3	John Curtin	Diamond Vogel, INC.	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement for installation of two new mixing tanks for paint.	Approved	4.29.22	22aqv112
4	Rachel Quill	Tyson Fresh Meats, Inc.- Columbus Junction	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	5.2.22	22aqv113
5	Ashley Dvorak	Van Diest Supply Company	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	5.5.22	22aqv114
6	Ashley Dvorak	Bayer CropScience - 6908	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	5.6.22	22aqv115
7	Priyanka Painuly	Feed Energy Company –	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	5.6.22	22aqv116
8	Danjin Zulic	Cargill, Inc. - Eddyville	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	5.10.22	22aqv117
9	Rachel Quill	Hallett Materials Company	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	5.11.22	22aqv118
10	John Curtin	Grain Processing Corporation	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement for installation of two loading arms for alcohol used as a disinfectant.	Approved	5.13.22	22aqv119
11	Karen Kuhn	Paladin Attachments	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	5.17.22	22aqv120
12	Karen Kuhn	Tyson Fresh Meats	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	5.20.22	22aqv121
13	Danjin Zulic	Christensen Farms - Forest	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	5.19.22	22aqv122
14	Danjin Zulic	John Deere Davenport Works	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	5.23.22	22aqv123

Iowa Department of Natural Resources  
Environmental Protection Commission

ITEM #5

DECISION

**Contract with Iowa Department of Agriculture and Land Stewardship (IDALS) – Palo Alto Shallow Lakes Watershed Project****Commission approval is requested for a contract with IDALS, of Des Moines, Iowa.****Contract Terms:****Amount:** Not to exceed \$59,758**Dates:** July 1, 2022 to June 30, 2023

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

**Funding Source(s):** U.S. EPA Clean Water Act Section 319 grant to DNR (Grant Number 00740426)**Statutory Authority:** Funds are administered by DNR under statutory authority granted by Iowa Code section 455B.103.**Contract Background:**

This Contract provides funding and support for a new quality project in Palo Alto County, Iowa. This Project is contracted through IDALS and carried out by the Palo Alto County Soil and Water Conservation District. The focus of the project is to work with the various stakeholder to reduce the amount of phosphorus reaching three shallow lakes in Palo Alto County (Five Island, Lost Island, and Silver Lake). In January 2022, Five Island Lake completed a 9-element watershed plan to address the phosphorus issue that has plagued the system for years. The other two watersheds (Silver Lake and Lost Island) are currently developing a 9-element plan and will be part of this project when the plans are approved by EPA.

Work in the Five Island Lake Watershed will consist of management practices, conservation cover, and wetland restoration efforts to address the phosphorus issue. A project coordinator will be hired and located at the Palo Alto USDA Service Center Office. Year one activities will be heavily focused on outreach activities to landowners, farmers, partners and residents/users of Five Island Lake.

**Contract Purpose:**

The purpose of this Contract is to designate Section 319 funding to support this Project. This Contract will work to carry out the goals of the Project for the stated Contract term. The partners involved in this Project are the DNR, Palo Alto County Conservation Board, Palo Alto County Soil and Water Conservation District, Iowa Department of Agriculture and Land Stewardship, and the Natural Resources Conservation Service. Each partner will provide financial support and/or technical assistance to help ensure the successful completion of the activities proposed in this Project.

This Contract will place an emphasis on load reductions from rural inputs. The targeted load reduction is 78 pounds per year of phosphorus.

**Selection Process Summary:**

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

**Contract History:**

The DNR has contracted with IDALS to administer Section 319-funded watershed projects since the early 1990s. The purpose of the contracts with IDALS is to provide funds and project management support to IDALS, which then enters into subsequent agreements with soil and water conservation districts to implement the specific watershed implementation project activities. This is the first agreement between DNR and IDALS for this project.

**STATEMENT OF WORK**

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

<b>Budget Item</b>	<b>Amount of 319 Funds</b>
Salary and Benefits	\$35,358
Travel/Training:	\$750
IDALS Conservation Assistant Support	\$5,000
Supplies:	\$1,500
Inform./Outreach:	\$4,000
<b>Practices</b>	
Cover Crops	\$5,400
To-till	\$3,000
CRP Incentive	\$3,000
Wetland Incentive	\$450
Rain Gardens	\$1,050
Rain Barrels	\$250
Total:	\$59,758

**Matching Funds:**

IDALS - \$37,750 (Salary/BMPs)

FSA/USDA - \$18,900 (Practices/Technical Assistance)

Kyle Ament, Watershed Basin Coordinator, Water Quality Bureau

Environmental Services Division

June 21, 2022

Iowa Department of Natural Resources  
Environmental Protection Commission

ITEM #6

DECISION

**Contract with** the UNIVERSITY OF NORTHERN IOWA, Iowa Waste Reduction Center (IWRC)

**Recommendation:**

Commission approval is requested for a service contract with the University of Northern Iowa, Iowa Waste Reduction Center (IWRC), at Cedar Falls, Iowa.

**Contract Terms:**

**Amount:** Not to exceed \$30,000

**Dates:** July 1, 2022 to June 30, 2023.

**Funding Source(s):** the Groundwater Protection Fund, Solid Waste Account where monies are received from the tonnage fee levied under Iowa Code section 455B.310.

**Statutory Authority:** Iowa Code section 455E.11(2)(a)(2)(c)

**Contract Background:** Iowa Code section 455E.11(2)(a)(2)(c) Groundwater Protection Fund, says that the DNR shall expend not more than thirty thousand dollars of the moneys appropriated under that division of the subparagraph to contract with the Iowa Waste Reduction Center (IWRC) at the University of Northern Iowa to provide training and other technical services to the Iowa Waste Exchange program.

**Contract Purpose:** The parties propose to enter into this Contract to retain the IWRC to provide technical assistance and training to the Iowa Waste Exchange program and its representatives.

**Contractor Selection Process:**

The selection process in this case is not competitive, because the contract with IWRC is mandated by Iowa Code section 455E.11(2)(a)(2)(c), as stated above in the Contract Background.

**Contract History:**

The DNR, as directed by Iowa Code section 455E.11(2)(a)(2)(c), has entered into a contract with the IWRC on an annual basis every year since 1990. The purpose of the contract with the IWRC is to provide technical assistance and training to the Iowa Waste Exchange program and its representatives. The five most recent contracts have been:

Contract #1: Timeframe: 7/2017-6/2018; Amount \$30,000

Contract #2: Timeframe: 7/2018-6/2019; Amount \$30,000

Contract #3: Timeframe: 7/2019-6/2020; Amount \$30,000

Contract #4: Timeframe: 7/2020-6/2021; Amount \$30,000

Contract #5: Timeframe: 7/2021-6/2022; Amount \$30,000

Bill Blum, Program Planner, Land Quality Bureau  
Environmental Services Division  
June 21, 2022

Attachment: Contract Statement of Work

**STATEMENT OF WORK**

The DNR's statutorily directed objective is for the Iowa Waste Reduction Center (IWRC) to provide training and other technical assistance to the Iowa Waste Exchange (IWE) program. The services included below may be amended at any time by the DNR or the IWRC upon prior approval by the DNR.

The IWRC will provide the following tangible products by the Task Milestone Dates set out in the following table:

<b>Deliverables</b>	<b>Task Milestone Dates</b>
<b>Task 1:</b> Assist with, and support, IWE Handbook updates as necessary, and when requested by the DNR or by IWE Resource Specialists.	On-going, over the course of the Contract
<b>Task 2:</b> Coordinate with the DNR and IWE Resource Specialists to provide K-12 schools with food waste audits and cafeteria waste sorts as requested. The IWRC will also coordinate with the DNR in the publishing of data and results from these joint assistance activities.	When requested
<b>Task 3:</b> Provide technical assistance regarding hazardous materials/hazardous waste, and complete joint IWRC/IWE visits when requested. The IWRC will also refer clients to IWE Resource Specialists for assistance when applicable.	On-going, over the course of the Contract
<b>Task 4:</b> IWE marketing assistance: <ul style="list-style-type: none"> <li>• Assist with development of marketing plans and/or strategies</li> <li>• Collaboratively brainstorm ideas to meet IWE Resource Specialists' marketing goals</li> <li>• Develop contact lists for outreach</li> <li>• Promotion of IWE events, services, and materials through IWRC marketing outlets (website, newsletter, social media)</li> </ul>	On-going, over the course of the Contract
<b>Task 5:</b> Coordinate with the DNR and IWE Resource Specialists to assist with hosting, and support of developing, quarterly IWE meetings as requested, with IWRC training at one meeting on technical resources.	On-going, over the course of the Contract
<b>Task 6:</b> Provide regulatory guidance and training to IWE representatives on the management of solid and universal hazardous waste, as well as inform new IWE Resource Specialists on IWRC resources.	On-going, over the course of the Contract
<b>Task 7:</b> Provide training opportunities to IWE representatives to increase their professional development.	On-going, over the course of the Contract
<b>Task 8:</b> Submit monthly reports that have a narrative discussion of the delivery of the assistance services outlined in Tasks 1 through 7. Monthly reports will also describe any other activities relevant to the DNR and/or IWE Resource Specialists.	Within 3 weeks of the end of each month

<b>CATEGORY</b>	<b>DNR FUNDS</b>
PERSONNEL COSTS	\$27,777.78
INDIRECT COST CHARGES (8% of Personnel Costs)	\$2,222.22
TOTAL PROJECT COSTS	\$30,000.00

Iowa Department of Natural Resources  
Environmental Protection Commission

ITEM #7

DECISION

**Intergovernmental Services Contract SRF-DSCWQ 23ESDWQBJKELSO-0001****Recommendation:**

Commission approval is requested for a service contract with Iowa Department of Agriculture and Land Stewardship, Division of Soil Conservation and Water Quality (IDALS-DSCWQ).

**Contract Terms:**

**Amount:** Not to exceed \$791,863.00

**Dates:** July 1, 2022 to June 30, 2025.

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

**Funding Source(s):** This Contract will be funded through administrative funds of the Clean Water State Revolving Fund (CWSRF).

**Statutory Authority:** Iowa Administrative Code 567 Chapter 93 provides the authority for the DNR to establish nonpoint source loan programs.

**Contract Background:** The CWSRF has operated low-interest loan programs to address nonpoint source pollution since 2003. The first agreement between DNR and IDALS-DSCWQ in 2004 covered implementation of loans for agricultural best management practices. In 2007, storm water quality practices were added to the contract, and in 2008, the program for manure management practices was transferred to IDALS-DSCWQ. In 2015, additional funding to aid in the implementation of the Water Resource Restoration Sponsored Projects program was added to the agreement. CWSRF funding provides for a program coordinator, staff time from urban conservationists, support staff, travel, supplies, and indirect costs. All other program costs are covered by IDALS-DSCWQ and the Natural Resources Conservation Service through existing staffing in the local soil and water conservation districts (SWCDs).

For all but the sponsored projects program, project applications are initiated, reviewed, and approved at the SWCDs, with oversight and technical assistance from IDALS-DSCWQ. Since 2004, IDALS-DSCWQ has facilitated \$209 million worth of loan assistance to protect water quality throughout the state. DNR anticipates funding up to \$90 million worth of projects during the term of the proposed Contract. The cost of administration will be less than one percent of the loan amount.

**Contract Purpose:**

The parties propose to enter into this Contract for the purpose of retaining the Contractor to provide implementation of targeted areas for CWSRF nonpoint source pollution control practices and loans: local water protection (soil erosion), livestock water quality (manure management), urban storm water quality, and water resource restoration sponsored projects.

**Contractor Selection Process:**

IDALS-DSCWQ was chosen using the single source process through an intergovernmental services agreement. IDALS-DSCWQ was chosen for this project because of its mission to assist SWCDs to disseminate information throughout the state and to assist in the development of SWCD plans to protect the public interest in the soil and water resources of the state. Intergovernmental contracting with IDALS-DSCWQ is authorized under 11 IAC 118.4. Also contracts with public agencies for environmental quality evaluation services that are necessary to implement Iowa Code Chapter 455B is authorized under Iowa Code section 455B.103(3).

**Contract History:**

DNR has contracted with IDALS since 2004, with the following agreements and amendments from then until now:

May 17, 2004 – June 30, 2007	Original agreement (covered soil erosion loans only)
July 1, 2007 – June 30, 2010	Amendments to original agreement to extend contract for three additional years and add duties for storm water loans and manure management loans
July 1, 2010 – June 30, 2013	New agreement (term cannot exceed six years) which included soil erosion, manure management, and storm water loans (\$505,000)
July 1, 2013 – June 30, 2016	Amendments to agreement to extend contract for three years and add duties for water resource restoration sponsored projects (\$543,000)
July 1, 2016 – June 30, 2019	New agreement to cover soil erosion, manure management, storm water, and sponsored project loans (\$758,000)
July 1, 2019 – June 30, 2022	New agreement to cover soil erosion, manure management, storm water, and sponsored project loans (\$790,000)
Jan 7, 2022 – June 30, 2022	Amendment to agreement to allow contractor to subcontract the tasks of the original contract. This amendment did not provide additional funding or extend the performance time of the original contract.
July 1, 2022 – June 30, 2025	Proposed new agreement to cover soil erosion, manure management, storm water, and sponsored project loans (\$792,000)

### Abbreviated Task Descriptions for SFY 2023-2025:

Task details located in Section 5 State of Work in contract 23ESDWQBJKELSO-0001

#### Task 1 Program Operations

- Provide outreach, education and written guidance to all SWCDs as to how the Local Water Protection Program, the Livestock Water Quality Facilities Program and Storm Water BMP assistance works.
- Coordinate with the participating lenders and the Iowa Finance Authority to resolve problems, improve loan processing, reporting to DNR, and transfer of funds.
- Participate in watershed planning efforts and promote the use of CWSRF set aside funds

#### Task 2 Set-Aside Funding Estimates

- Provide to DNR an estimate and recommendation for an amount of funds that should be placed in the Local Water Protection Program set aside, Livestock Water Quality Facilities Program set aside, and the General Non-Point Source Program set-aside for Storm Water BMP assistance.

#### Task 3 Reporting

- Submit periodic status reports and an annual report to DNR summarizing all activities conducted for each SFY.

#### Task 4 Sponsored Projects

- Provide technical oversight, consultation, and review for Water Resource Restoration Sponsored Projects as assigned by DNR.
- Consult with applicants upon request to assist in the development of the project design and throughout project implementation.
- Discuss with project applicant the technical requirements and standards for the project, including schedules, SRF requirements, and necessary permits. Conduct site visits and final inspection.

Budget Item	Total SFY 2023 to SFY 2025
Project Coordinator Salary and Fringe Benefits	<b>\$325,000.00</b>
Urban Conservationist Salary and Benefits	<b>\$133,500.00</b>
Support Staff	<b>\$138,000.00</b>
Contractual	<b>\$60,000.00</b>
Travel and Training	<b>\$9,000.00</b>
Supplies	<b>\$9,000.00</b>
Indirect Costs	<b>\$117,363.00</b>

Theresa Enright  
DNR SRF Coordinator  
Water Quality Bureau, Environmental Services Division  
April 28, 2022



Iowa Department of Natural Resources  
Environmental Protection Commission

ITEM #8

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 \$911,366.64

**Dates:** July 1, 2022, to June 30, 2023.

**Funding Source(s):** Environment First Fund.

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

**Contract Background:** The Clean Water Act requires states to monitor their waters to determine the status and trends in water quality. The data from this program are used to determine general trends in larger river systems in the state, potential impairments, and to provide information to decision makers regarding the effectiveness of water pollution prevention programs. The DNR has been contracting with SHL for two decades to collect water samples at streams across the State of Iowa and to test water samples for general chemistry and other compounds in support of water quality standards. Data are placed into a publicly available database and are used by a wide variety of stakeholders including water quality programs, and for scientific research and general education.

**Contract Purpose:** The parties propose to enter into this Contract to retain the Contractor to provide assistance to DNR in sampling and analysis of selected streams in the State of Iowa.

**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 2022 Contract; \$ 948,389.04

Fiscal year 2021 Contract; \$ 493,765.20

Fiscal year 2020 Contract; \$ 829,226.16

Fiscal year 2019 Contract; \$ 657,318.02

Daniel Kendall, Environmental Specialist Senior, Water Quality Bureau

Environmental Services Division

June 21, 2022

## Section 5 STATEMENT OF WORK

**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: Ambient Stream Sample Collection</b>  <b>Description:</b> Contractor shall collect stream grab samples from 60 ambient sites monthly, on the same day of the month, if possible, from July 1, 2022, through June 30, 2023. Table 1A, below, contains the list of sites. Samples collected as part of this activity shall be coded as 01WQFMM. All samples submitted to SHL by DNR or SHL staff shall be coded to a specific monitoring activity and shall include a detailed list of the analysis requested by DNR to be performed unless other arrangements have been made before shipment of the sample to SHL. SHL log-in procedures shall accommodate this code. The DNR Contract Manager shall receive an email each time samples are logged in. The log-in email shall contain the SHL accession number, date the sample was collected, date received and any quality assurance issues related to the received sample. Any deviation from normal sampling procedures, including but not limited to a change in the sampling location, or omission of samples for analysis, shall be identified to DNR in writing prior to transmittal of analytical results.</p>	<p>Each month, samples shall be collected by the 15th of the month, or as early as possible in the month. The Contractor shall notify the DNR in writing of all sampling dates that occur after the 15th of the month.</p>
<p><b>Task 2: Ambient Stream Sample Analysis</b>  <b>Description:</b> Contractor shall analyze samples collected under Task 1 for the parameters and by the methods listed in Table 1B, below, within the holding times established in the method documentation. For analytical results below the quantitation limit, the test quantitation limit shall be reported as “less than”. Analyses shall not be started or conducted on samples after recommended holding times have been exceeded. Analyses shall only be conducted on analytes the Contractor is certified to conduct for the method specified.</p>	<p>This Task shall be completed throughout the term of the Contract.</p>
<p><b>Task 3: Additional Analyte Analyses-BLM</b>  <b>Description:</b> Contractor shall analyze samples collected under Task 1 for the parameters and by the methods listed in Table 1C, below, within the holding times established in the method documentation. For analytical results below the quantitation limit, the test quantitation limit shall be reported as “less than”. Analyses shall not be started or conducted on samples after recommended holding times have been exceeded. Analyses shall only be conducted on analytes the contractor is certified to conduct for the method specified.</p>	<p>This Task shall be completed throughout the term of the Contract.</p>
<p><b>Task 4: Additional Stream Sample Collection Support for Low-Level Metal detection</b>  <b>Description:</b> Contractor shall collect and filter a surface water and a quality control blank at each of the 60 ambient monthly sites listed in Table 1A. These samples shall be collected concurrently with the samples in Task 1. Samples collected as part of this activity shall be coded as 01WQFMM. All samples submitted to SHL by DNR or SHL staff shall be coded to a specific monitoring activity and shall include a detailed list of the analysis requested by DNR to be performed unless other arrangements have been made before shipment of the sample to SHL. SHL log-in procedures shall accommodate this code. The DNR Contract Manager shall receive an email each time samples are logged in. The log-in email shall contain the SHL accession number, date the sample was collected, date received, and any quality assurance issues related to the received sample. Any deviation from normal sampling procedures, including but not limited to a change in the sampling location, or omission of samples for analysis, shall be identified to DNR in writing prior to transmittal of analytical results.</p>	<p>This Task shall be completed throughout the term of the Contract.</p>
<p><b>Task 5: Additional Analyte Analyses - Low-Level Dissolved Metals</b>  <b>Description:</b> Contractor shall analyze samples collected under Task 4 for the parameters listed in Table 1D below. Samples collected under this activity shall be coded to 01WQFMM. For analytical results below the quantitation limit, the test quantitation</p>	<p>This Task shall be completed throughout the term of the Contract.</p>

<p>limit shall be reported as “less than”. Analyses shall not be started or conducted on samples after recommended holding times have been exceeded. Analyses shall only be conducted on analytes the Contractor is certified to conduct for the method specified. For all analyses, method specified quality assurance work will be completed.</p>	
<p><b>Task 6: Additional analysis in Support of Monitoring Goals-Total Recoverable Metals</b>  <b>Description:</b> Contractor shall analyze samples collected under Task 1 for the parameters and by the methods listed in Table 1E, below, within the holding times established in the method documentation. For analytical results below the quantitation limit, the test quantitation limit shall be reported as “less than”. Analyses shall not be started or conducted on samples after recommended holding times have been exceeded. Analyses shall only be conducted on analytes the Contractor is certified to conduct for the method specified.</p>	<p>This Task shall be completed throughout the term of the Contract.</p>
<p><b>Task 7: QA/QC Procedures</b>  <b>Description:</b> Contractor shall submit information on data quality requirements and assessments (such as detection limit, quantitation limit, estimated accuracy, accuracy protocol, estimated precision, and precision protocol) to DNR for any sample upon request. Information on the analytical reference method, sample preservation and holding time, instrumentation calibration, and analyst also shall be provided if requested by DNR. Contractor shall provide copies of revised Methods Manuals and Standard Operating Procedure Manuals to the DNR upon request. Copies of manuals and procedures shall be available from the laboratory.</p>	<p>The Task shall be completed no later than 30 working days after a request is made by DNR.</p>
<p><b>Task 8: 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 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: 3024</li> <li>• SHL Project Code: 01WQFMM</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>
<p><b>Task 9: Equipment Purchase</b>  <b>Description:</b> Contractor shall purchase equipment and supplies, as needed, for Tasks listed above.</p>	<p>This Task shall be performed throughout the term of the Contract.</p>
<p><b>Task 10: Equipment Repair</b>  <b>Description:</b> Contractor shall repair existing equipment, as needed, for Tasks listed above.</p>	<p>This Task shall be performed throughout the term of the Contract.</p>
<p><b>Task 11: Shipping Samples</b>  <b>Description:</b> Contractor shall ship samples, as needed, to meet required holding times.</p>	<p>This Task shall be performed throughout the term of the Contract.</p>

**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:</b> Ambient Stream Sample Collection	Not to exceed \$172,800.00 at a cost of \$240.00 per sample for the sample locations listed in Table 1A.	See Section 5.1, above.	Invoices due monthly; 30 days after the end of the previous month.
<b>Task 2:</b> Ambient Stream Sample Analysis-Core	Not to exceed \$232,962.00 at the costs per test listed in Table 1B.	See Section 5.1, above.	Invoices due monthly; 30 days after the end of the previous month.
<b>Task 3:</b> Additional Analyte Analyses-BLM	Not to exceed \$81,360.00 at the costs per test listed in Table 1C.	See Section 5.1, above.	Invoices due monthly; 30 days after the end of the previous month.
<b>Task 4:</b> Additional Stream Sample Collection Support for Low-Level Metal detection	Not to exceed \$77,616.00 at a cost of \$107.80 per sample for the sample locations listed in Table 1A.	See Section 5.1, above.	Invoices due monthly; 30 days after the end of the previous month.
<b>Task 5:</b> Additional Analyte Analyses-Low-Level Diss. Metals	Not to exceed \$241,920.00 at the costs per test listed in Table 1D.	See Section 5.1, above.	Invoices due monthly; 30 days after the end of the previous month.
<b>Task 6:</b> Additional analysis in Support of Monitoring Goals-Tot Metals	Not to exceed \$32,400.00 at the costs per test listed in Table 1E.	See Section 5.1, above.	Invoices due monthly; 30 days after the end of the previous month.
<b>Task 7:</b> QA/QC Procedures	N/A		N/A
<b>Task 8:</b> Data Transfer	N/A	See Section 5.1, above.	N/A
<b>Task 9:</b> Equipment Purchase	Not to exceed \$2,500.00	See Section 5.1, above.	Invoices due monthly; 30 days after the end of the previous month.
<b>Task 10:</b> Equipment Repair	Not to exceed \$1,500.00	See Section 5.1, above.	Invoices due monthly; 30 days after the end of the previous month.
<b>Task 11:</b> Shipping Samples	Not to exceed \$800.00	See Section 5.1, above.	Invoices due monthly; 30 days after the end of the previous month.
Sub-totals	\$843,858.00		
Facilities and Administrative Costs @ 8%	\$67,508.64		
Total	\$911,366.64		

\*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.

**Table 1A. Ambient Stream Sampling Locations (60)**

Stream Name	Ambient Monitoring Station Locations	River Basin	STORET #
Upper Iowa River	Highway 76 bridge three mi south of Dorchester	NE	10030001
Yellow River	County Rd X36 bridge three miles south of HWY 76 at Ion	NE	10030002
Chariton River	461 <sup>st</sup> bridge, NE of Rathbun	S	10040002
Beaver Creek	County Rd. T75 bridge 3.5 mi NW of Cedar Falls	IC	10070001
Wolf Creek	At Main St. bridge in La Porte City	IC	10070002
West Fork Cedar River	County Rd. T71 bridge in Finchford at USGS gage	IC	10070003
Black Hawk Creek	Ridgeway Avenue bridge SW of Waterloo	IC	10070004
Cedar River	County Rd. north of Janesville 0.25 mi east of Highway 218, upstream of USGS gage	IC	10090001
Wapsipinicon River	County Rd. bridge 0.5 mi west of County Rd. D16, north of Independence (Otterville Access)	NE	10100001
Shell Rock River	County Rd. C45 bridge in Shell Rock, below the dam downstream of USGS gage station	IC	10120001
Little Sioux River	County Rd. C16 bridge 5.2 mi east of Larabee	W	10180001
Turkey River	County Rd. C43 (Jupiter Rd.) south of Garber at USGS gage	NE	10220001
Volga River	County Rd. X3C bridge north of Elkport	NE	10220002
Bloody Run Creek	Highway 18 bridge, 0.5 mi west of Marquette	NE	10220003
South Raccoon River	G Trail bridge 0.75 mi SE of Redfield	DSM	10250001
Thompson Fork-Grand River	U.S. Highway 69 bridge at Davis City	S	10270001
Little Sioux River	225 <sup>th</sup> St. bridge 1.2 miles west of Milford, 0.5 mi upstream of mouth of Mill Creek	W	10300001
Cedar River	County Rd. bridge four mi SE of Charles City, near Carville	IC	10340001
East Nishnabotna River	Highway 59 bridge north of Shenandoah	S	10360001
Boone River	Bells Mills Rd. bridge, 6.5 mi NE of Stratford	DSM	10400001
Iowa River	County Rd. D53 bridge 1.8 mi NE of Gifford	IC	10420001
Boyer River	County Rd. F58 bridge 2.5 miles NE of Missouri Valley	W	10430001
Soldier River	County Rd. F20 bridge west of Pisgah	W	10430002
Cedar Creek	Gravel road bridge three mi SW of Oakland Mills	SK	10440001
West Fork Des Moines River	Gotch Park Rd. two miles south of Humboldt	DSM	10460001
No. Fork Maquoketa River	County Rd. north of Maquoketa, SE of Hurstville	NE	10490001
Maquoketa River	0.9 miles upstream of Highway 61 bridge NW of Maquoketa	NE	10490004
Indian Creek	N 51 <sup>st</sup> Ave. W bridge 1.8 mi east of Green Castle, 4.8 mi north of Colfax	SK	10500001
Old Man's Creek	County Rd. W62 bridge 5.0 mi SW of Iowa City	IC	10520001
North Skunk River	180th Ave. bridge SW of Sigourney, west of Highway 149	SK	10540001
E. Fork Des Moines River	County Rd. B63 bridge north of St. Joseph	DSM	10550001
Cedar Rapids DS1	Palisades Park Cedar Rapids	IC	10570003
Iowa River	County Rd W66 (660 <sup>th</sup> Street) bridge at USGS gauge SW of Lone Tree	IC	10580002

<b>Stream Name</b>	<b>Ambient Monitoring Station Locations</b>	<b>River Basin</b>	<b>STORET #</b>
South Skunk River	Highway 63 bridge north of Oskaloosa	SK	10620001
Whitebreast Creek	30 <sup>th</sup> Ave. bridge 3 miles NW of Melcher-Dallas	DSM	10630003
Cedar Creek	State Highway 156 (County Rd. G71) bridge, 1.5 mi NW of Bussey	DSM	10630002
Iowa River	County Rd E35 bridge east of Marshalltown (Marshalltown DS1)	IC	10640002
West Nishnabotna River	Mahr Ave. bridge 3 miles SE of Malvern	S	10650001
Maple River	At Highway 141-175 bridge 0.25 mi north of Mapleton	W	10670002
Cedar River	County Rd. G28 bridge NE of Conesville	IC	10700001
West Nodaway River	County Rd. J53 bridge near Shambaugh	S	10730001
East Nodaway River	State Highway 2 bridge 2.5 mi east of Clarinda	S	10730002
Floyd River	County Rd. C70 bridge three mi north of Sioux City	W	10750001
Beaver Creek	NW 70th Avenue bridge, two miles east of Grimes	DSM	10770001
North Raccoon River	310 <sup>th</sup> St. bridge one mile downstream of USGS gage, Section 13/24 (Sac City DS1)	DSM	10810001
Wapsipinicon River	Highway 956 bridge three mi south of DeWitt	NE	10820001
Rock River	County Rd. B40 bridge north of Hawarden	W	10840001
South Skunk River	280 <sup>th</sup> St. bridge approx. 0.7 miles east of Ames WWPT (Ames DS1)	SK	10850002
Middle River	USGS gage 1.5 mi west of Highway 65-69, near Indianola	DSM	10910001
North River	County Hwy. 28 bridge, south of Norwalk	DSM	14000359
South River	State Highway 92 bridge near Ackworth	DSM	10910003
English River	County Rd. W61 bridge south of Riverside	IC	10920001
Little Sioux River	Lenox Ave. bridge 3 miles NE of Smithland	W	10970001
West Fork Little Sioux River	Highway 141 bridge 1.0 mi east of Hornick at USGS gage	W	10970002
Des Moines River	Des Moines River at Keosauqua	DSM	10890001
Iowa River	Iowa River at Wapello	IC	10580003
Little Sioux River	County Rd. E54 bridge 3.75 miles S of Turin	W	10670003
Maquoketa River	Maquoketa River near Spragueville	NE	10490005
Nishnabotna River	Nishnabotna River above Hamburg	W	10360003
Skunk River	Skunk River at Augusta	SK	10560002

Table 1B. Sample Analysis for 60 Ambient Sites

Parameter	Analytical Method	Reporting Limit <sup>2</sup>	Holding Time	Preservation	Test Fee	Frequency of sampling	# of Samples	Total Fee
BOD, Carbonaceous 5 Day	SM 5210 B	2 mg/L	48 Hours	Cool to 4° C	\$38.00	12	60	\$ 27,360.00
Total Dissolved Solids	SM 2540 C	1 mg/L	7 days	Cool to 4° C	\$15.00	12	60	\$ 10,800.00
Total Suspended Solids	USGS I-3765-85 or SM 2540 D	1 mg/L	7 days	Cool to 4° C	\$15.00	12	60	\$ 10,800.00
Total Volatile Suspended Solids	EPA 160.4 TVSS	1 mg/L	7 days	Cool to 4° C	\$15.00	12	60	\$ 10,800.00
Total Phosphorus as P	LAC 10-115-01-1E or 1F or 2b or EPA 365.4 or EPA 365.1	0.2 mg/L or 0.02 mg/L	28 days	Cool to 4° C, H <sub>2</sub> SO <sub>4</sub> to pH <2	\$15.00	12	60	\$ 10,800.00
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	\$15.00	12	60	\$ 10,800.00
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	\$15.00	12	60	\$ 10,800.00
Total Kjeldahl Nitrogen	LAC 10-107-06 2M or EPA 351.2	0.2 mg/L or 0.5 mg/L	28 days	Cool to 4° C, H <sub>2</sub> SO <sub>4</sub> to pH <2	\$38.00	12	60	\$ 27,360.00
Orthophosphate as P	LAC 10-115-01 1A or EPA 365.1	0.02 mg/L	48 hours	Field Filtered, Cool to 4° C	\$15.00	12	60	\$ 10,800.00
Chloride	EPA 300.0 or SM 4500 Cl E	0.2 mg/L or 4 mg/L	28 days	Cool to 4° C	\$15.00	12	60	\$ 10,800.00
Sulfate	EPA 300.0 or ASTM D516-11	0.2 mg/L or 5 mg/L	28 days	Cool to 4° C	\$15.00	12	60	\$ 10,800.00
Total Hardness as CaCO <sub>3</sub>	SM 2340 C	1 mg/L	28 days	Cool to 4° C	\$15.00	12	60	\$ 10,800.00
Turbidity	SM 2130 B	1 NTU	48 hours	Cool to 4° C	\$14.00	12	60	\$ 10,080.00
Chlorophyll <i>a</i> Analysis of Water	EPA 445.0 Rev 1.2 or SM 10200 H	1 ug/L	24 hours to filter, 21 days frozen filter	Cool to 4° C	\$43.50	12	60	\$ 31,320.00
E. coli in water	SM 9233 B	<10 MPN/100ml	8 hours	Cool to 4° C	\$18.50	12	55	\$ 12,210.00
Field Dissolved Oxygen	ASTM D 888-09 or SM 4500 - O	0.1 mg/L	n/a	none	\$7.50	12	60	\$ 5,400.00
Field pH	SM 4500 H	0.1	n/a	none	\$7.50	12	60	\$ 5,400.00
Field Temperature	SM 2550	0.1° C	n/a	none	\$7.50	12	60	\$ 5,400.00
Stream Flow	Flow-stream manual	0.1 cfs	n/a	none	\$18.00	12	2	\$ 432.00
<b>Sub Total</b>					<b>\$342.50</b>			<b>\$ 232,962.00</b>

**Table 1C. Sample Analysis for BLM Support at 60 Ambient Sites**

Parameter	Lab Method	Reporting Limit	Holding Time	Preservation	Cost/Test	# Samples	Frequency of Sampling	Total Cost
Total Alkalinity	SM 2320 B	1 mg/L	3 Days	Cool to 4° C	\$ 15.00	60	12	\$ 10,800.00
Calcium	EPA 200.7	1 mg/L	180 Days	Cool to 4° C, HNO3 to pH<2	\$ 15.00	60	12	\$ 10,800.00
Magnesium	EPA 200.7	0.5 mg/L	180 Days	Cool to 4° C, HNO3 to pH<2	\$ 15.00	60	12	\$ 10,800.00
Potassium	EPA 200.7	1 mg/L	180 Days	Cool to 4° C, HNO3 to pH<2	\$ 15.00	60	12	\$ 10,800.00
Sodium	EPA 200.7	0.5 mg/L	180 Days	Cool to 4° C, HNO3 to pH<2	\$ 15.00	60	12	\$ 10,800.00
Dissolved Organic Carbon	SM 5310 B	0.5 mg/L	28 Days	Cool to 4° C, HCl to pH<2	\$ 38.00	60	12	\$ 27,360.00

**\$ 81,360.00**



**Table 1D. Sample Analysis for Low-Level Dissolved Metals at 60 Ambient Sites including QA samples**

Parameter	Lab Method	Reporting Limit	Holding Time	Preservation	Cost/Test	# Samples	Frequency of Sampling	Total Cost
Cadmium	EPA 200.8	1.0 µg/L	180 Days	Cool to 4° C, HNO <sub>3</sub> to pH<2	\$ 28.00	60	12	\$ 20,160
Cadmium - QA Blank	EPA 200.8	1.0 µg/L	180 Days	Cool to 4° C, HNO <sub>3</sub> to pH<2	\$ 28.00	60	12	\$ 20,160
Copper	EPA 200.8	0.5 µg/L	180 Days	Cool to 4° C, HNO <sub>3</sub> to pH<2	\$ 28.00	60	12	\$ 20,160
Copper - QA Blank	EPA 200.8	0.5 µg/L	180 Days	Cool to 4° C, HNO <sub>3</sub> to pH<2	\$ 28.00	60	12	\$ 20,160
Lead	EPA 200.8	2.0 µg/L	180 Days	Cool to 4° C, HNO <sub>3</sub> to pH<2	\$ 28.00	60	12	\$ 20,160
Lead - QA Blank	EPA 200.8	2.0 µg/L	180 Days	Cool to 4° C, HNO <sub>3</sub> to pH<2	\$ 28.00	60	12	\$ 20,160
Nickel	EPA 200.8	0.5 µg/L	180 Days	Cool to 4° C, HNO <sub>3</sub> to pH<2	\$ 28.00	60	12	\$ 20,160
Nickel - QA Blank	EPA 200.8	0.5 µg/L	180 Days	Cool to 4° C, HNO <sub>3</sub> to pH<2	\$ 28.00	60	12	\$ 20,160
Silver	EPA 200.8	2.0 µg/L	180 Days	Cool to 4° C, HNO <sub>3</sub> to pH<2	\$ 28.00	60	12	\$ 20,160
Silver - QA Blank	EPA 200.8	2.0 µg/L	180 Days	Cool to 4° C, HNO <sub>3</sub> to pH<2	\$ 28.00	60	12	\$ 20,160
Zinc	EPA 200.8	1.0 µg/L	180 Days	Cool to 4° C, HNO <sub>3</sub> to pH<2	\$ 28.00	60	12	\$ 20,160
Zinc - QA Blank	EPA 200.8	1.0 µg/L	180 Days	Cool to 4° C, HNO <sub>3</sub> to pH<2	\$ 28.00	60	12	\$ 20,160

**\$ 241,920.00**

**Table 1E. Sample Analysis for Total Recoverable Metals at 60 Ambient Sites**

Parameter	Lab Method	Reporting Limit	Holding Time	Preservation	Cost/Test	# Samples	Frequency of Sampling	Total Cost
Aluminum	EPA 200.8	50 µg/L	180 Days	Cool to 4° C, HNO <sub>3</sub> to pH<2	\$ 15.00	60	12	\$10,800.00
Selenium	EPA 200.8	1.0µg/L	180 Days	Cool to 4° C, HNO <sub>3</sub> to pH<2	\$ 15.00	60	12	\$10,800.00
Chromium	EPA 200.8	1.0µg/L	180 Days	Cool to 4° C, HNO <sub>3</sub> to pH<2	\$ 15.00	60	12	\$10,800.00

**\$ 32,400.00**

Iowa Department of Natural Resources  
Environmental Protection Commission

ITEM #9

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 \$612,908.64

**Dates:** July 1, 2022 to September 30, 2023

**Funding Source(s):** Environment First Funds

**Statutory Authority:** Iowa Code section 455B.103(3)

**Contract Background:**

The Clean Water Act requires states to monitor and report on the condition of the waters of the state. This contract is a continuation of DNR's long-standing partnership with SHL to collect and analyze samples from Iowa's streams and rivers. Since 1994, the DNR has conducted biological assessments of Iowa streams to determine the ecological status and health of these waterbodies. The protocol primarily consists of sampling water quality, fish, benthic macroinvertebrates, and physical habitat during the summer baseflow index period (July through October).

**Contract Purpose:**

The parties propose to enter into this contract to retain the Contractor to provide sampling and analytical services for the ambient biological monitoring and assessment program.

**Contractor Selection Process:**

The State Hygienic Laboratory at the University of Iowa was chosen for this project because of its ability to provide the necessary services. The authority to enter into this contract is found in Iowa Code section 455B.103(3).

**Contract History:**

The FY22 Ambient Stream Biological Monitoring and Laboratory Services (AMBIO) contract was \$701,732.16

The FY21 AMBIO contract was \$714,975.12.

The FY20 AMBIO contract was \$617,896.62.

The FY19 AMBIO contract was \$567,455.22.

The FY18 AMBIO contract was \$543,021.30.

Ken Krier, Environmental Specialist Senior, Water Quality Monitoring and Assessment Section  
Water Quality Bureau  
Environmental Services Division  
June 21, 2023

## Attachment A

Task*	Total Amount of compensation allotted to Task** (Variable*** Payment)	Task Milestone Date	Invoice Due No Later Than:
<b>Task 1: Calibrated Wadeable Stream Reference Site Sample Collection and Biological Analysis</b>	Not to exceed \$110,802.00, at the fee per sample rates listed in Exhibit A	a) October 15, 2022 b) April 1, 2023 c) May 1, 2023	The 30 <sup>th</sup> of each month following the month of collection beginning July 1, 2022
<b>Task 2: Aquatic Life Use Attainability Assessment Site Sample Collection and Biological Analysis</b>	Not to exceed \$125,000.00, at the fee per sample rates listed in Exhibit A	a) October 15, 2022 b) October 15, 2022 c) December 31, 2022 d) December 31, 2022	The 30 <sup>th</sup> of each month following the month of collection beginning July 1, 2022
<b>Task 3: Waters In Need Of Further Investigation Site Sample Collection and Biological Analysis</b>	Not to exceed \$73,982.00, at the fee per sample rates listed in Exhibit A	a) October 15, 2022 b) April 1, 2023 c) May 1, 2023	The 30 <sup>th</sup> of each month following the month of collection beginning July 1, 2022
<b>Task 4: Coldwater Stream Reference Site Sample Collection and Biological Analysis</b>	Not to exceed \$20,060.00, at the fee per sample rates listed in Exhibit A	a) October 15, 2022 b) July 1 – Oct. 15, 2022 c) April 1, 2023 d) May 1, 2023	The 30 <sup>th</sup> of each month following the month of collection beginning July 1, 2022
<b>Task 5: Watershed Improvement Section (WIS) Survey Site Sample Collection and Biological Analysis</b>	Not to exceed \$0.00		
<b>Task 6: Stream Nutrient Criteria Sample Collection and Analysis</b>	Not to exceed \$41,513.00, at the fee per sample rates listed in Exhibit A	a) October 15, 2022 b) December 31, 2022 c) December 31, 2022 d) January 31, 2023	The 30 <sup>th</sup> of each month following the month of collection beginning July 1, 2022
<b>Task 7: Ambient WQ Site Biological Sample Collection and Analysis</b>	Not to exceed \$33,240.00, at the fee per sample rates listed in Exhibit A, at the fee per sample rates listed in Exhibit A	a) October 15, 2022 b) September 30, 2023 c) September 30, 2023 d) September 30, 2023	The 30 <sup>th</sup> of each month following the month of collection beginning July 1, 2022
<b>Task 8: Biological Trend Monitoring and Biological Analysis</b>	Not to exceed \$79,573.00, at the fee per sample rates listed in Exhibit A	a) October 15, 2022 b) July 1 – April 30, 2023 c) May 31, 2023 d) May 31, 2023 e) May 31, 2023	The 30 <sup>th</sup> of each month following the month of collection beginning July 1, 2022
<b>Task 9: Water Quality Sample Analysis and Data Submission</b>	Not to exceed \$23,838.00, at the fee per sample rates listed in Table 1	a) December 31, 2022; 15 calendar days following the end of the month of collection for benthic chlorophyll and WQ samples.	The 30 <sup>th</sup> of each month following the month of collection beginning July 1, 2022
<b>Task 10: Supplemental Monitoring</b>	Not to exceed \$8,000.00	a) September 30, 2023	The 30 <sup>th</sup> of each month following the month of collection beginning July 1, 2022
<b>Task 11: Site Reconnaissance and Landowner Contacts</b>	Not to exceed \$10,000.00	September 30, 2023	The 30 <sup>th</sup> of each month following the month of collection beginning July 1, 2022

<b>Task 12: Professional Services</b>	Not to exceed \$10,000.00	September 30, 2023	The 30 <sup>th</sup> of each month following the month of collection beginning July 1, 2022
<b>Task 13: Data Transfer</b>	\$0	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.	No amount is allotted for this Task.
<b>Task 14: Sampling Equipment replacement as needed</b>	Not to exceed \$20,000.00	Throughout the term of the Contract.	The 30 <sup>th</sup> of each month following the month of collection beginning July 1, 2022
<b>Task 15: Equipment Maintenance and Repair as needed</b>	Not to exceed \$10,000.00	Throughout the term of the Contract.	The 30 <sup>th</sup> of each month following the month of collection beginning July 1, 2022
<b>Task 16: Shipping Samples</b>	Not to exceed \$1,500.00	Throughout the term of the Contract.	The 30 <sup>th</sup> of each month following the month of collection beginning July 1, 2022
Sub-totals	\$567,508.00		
Facilities and Administrative Costs @ 8%	\$45,400.64		
<b>Total</b>	<b>\$612,908.64</b>		

**Exhibit A: Addendum to Contract 23S-ESD-WQB-Kkrie\_0001  
Ambient Stream Biological Monitoring and Laboratory Services**

Note – replacement sites for all tasks listed below will be provided to contractor via email upon request. All replacement site fees must be at or below the fee of the replaced sites.

**Task 1 – Calibrated Wadeable Stream Reference Site Sample Collection - List of Sampling Sites:**

BioNet Site #	AQuIA #	Stream Name and Landmark/Location	County	Ecoregion	WGS 84 Latitude	WGS 84 Longitude	Sample Collection Fee
2	12390002	Little Beaver Creek / Woodward	Dallas	47b	41.83663	-93.96773	\$3,933.00
13	12030002	Paint Creek / Yellow River State Forest	Allamakee	52b	43.17218	-91.21958	\$5,015.00
20	12350002	Maynes Creek / Mallory Co. Park- Hampton	Franklin	47b	42.66267	-93.23074	\$5,015.00
25	12180006	Willow Creek / Quimby	Cherokee	47a	42.64096	-95.73442	\$5,697.00
33	12370003	West Buttrick Creek / near Spring Lake Park	Greene	47b	42.07018	-94.28649	\$4,554.00
34	12210001	Big Muddy Creek / Spencer	Clay	47b	43.18381	-95.07184	\$5,897.00
38	12850007	South Skunk River / Ames	Story	47b	42.10767	-93.56874	\$3,933.00
39	12330007	Volga River / Maynard - Twin Bridges County Park	Fayette	47c	42.81921	-91.88484	\$4,554.00
41	12580001	Buffington Creek / Columbus City	Louisa	47f	41.205	-91.39905	\$3,933.00
51	12250001	Mosquito Creek / Panora	Dallas	47b	41.6891	-94.26075	\$3,933.00
60	12800001	Lotts Creek / Ringgold SWMA - Lamoni	Ringgold	40a	40.58212	-94.14781	\$4,555.00
83	12560001	Lick Creek / Shimek State Forest - Farmington	Lee	40a	40.60719	-91.68271	\$4,554.00
87	12590001	White Breast Creek / Lacona	Lucas	40a	41.1044	-93.38099	\$4,754.00
127	12330003	Dibble Creek / Clermont	Fayette	52b	43.02713	-91.66992	\$5,015.00
130	12870001	Honey Creek / Bedford	Taylor	47f	40.67042	-94.65089	\$5,015.00
131	12150002	West Nodaway River / Grant	Cass	47f	41.16319	-94.92817	\$5,015.00
138	12610002	Middle River / Pammel State Park- Winterset	Madison	47f	41.29589	-94.07614	\$3,933.00
149	12910001	North River / Norwalk	Warren	47f	41.44666	-93.69258	\$4,133.00
150	12730001	East Nodaway River / Hawleyville	Page	47f	40.77723	-94.93852	\$5,015.00
190	12990001	East Branch Iowa River / Belmond	Wright	47b	42.89898	-93.60945	\$4,754.00
225	12370002	East Buttrick Creek / Pound Pit Co Area - Dana	Greene	47b	42.07728	-94.24838	\$4,554.00
226	12080002	Beaver Creek / Buffalo Grove SWMA	Boone	47b	41.89218	-94.09688	\$3,933.00
265	12330008	Volga River / Randalia	Fayette	47c	42.84293	-91.93985	\$4,554.00
266	12270002	Thompson River / Decatur City	Decatur	40a	40.72071	-93.87921	\$4,554.00
Total Fee:							\$110,802.00

**Task 2 – Aquatic Life Use Attainability Assessment Sample Collection – List of Sampling Streams/Segments:**

Stream/Segment Name	Downstream Segment Start DD Latitude	Downstream Segment Start DD Longitude	Upstream Segment Start DD Latitude	Upstream Segment Start DD Longitude	~Segment Length	# fish sampling sites/# of visual sites	Sample Collection Fee
Little Fox River	40.06038	-92.05329	40.69725	-92.30169	18.0	1/2	\$2500.00
Little Buffalo Creek	43.26794	-94.03091	43.43600	-93.70761	17.0	1/2	\$2500.00
Prairie Creek	42.95059	-94.09006	43.10433	-93.97235	16.3	1/2	\$2500.00
Prairie Creek	42.49027	-94.88432	42.61909	-95.01635	15.4	1/2	\$2500.00
Indian Creek	41.22969	-91.23660	41.34683	-91.20460	15.0	1/2	\$2500.00
Yellow Spring Creek	40.88442	-91.03335	40.99457	-91.18106	14.9	1/2	\$2500.00
Winans Creek	43.25826	-93.37907	43.36182	-93.40127	10.7	1/2	\$2500.00
Welshs Slough	42.37327	-94.44557	42.48083	-94.42641	10.2	1/2	\$2500.00
Little Cedar Creek	41.09559	-92.32922	41.09667	-92.44736	9.7	1/2	\$2500.00
Spring Creek	43.15084	-95.26480	43.07583	-95.28947	9.0	1/2	\$2500.00
Beaver Creek	43.28440	-93.18581	43.34623	-93.29601	8.4	1/2	\$2500.00
Unn. Trib. (Donelly Creek) to Cedar River	41.39277	-91.29479	41.38086	-91.20748	7.3	1/2	\$2500.00
Unn. Trib. to Mud Creek	41.59452	-90.87797	41.52875	-90.82542	7.1	1/2	\$2500.00
Dutch Creek	42.09359	-91.27595	42.07144	-91.34991	7.0	1/2	\$2500.00
Rush Lake Outlet (Rush Lake Creek)	43.37250	-95.53146	43.43703	-95.51400	5.8	1/2	\$2500.00
Unn. Trib. to West Nishnabotna River	40.87381	-95.58078	40.90806	-95.66315	5.5	1/2	\$2500.00
West Fork Little Sioux River	42.81806	-95.75511	42.86567	-95.79610	5.1	1/2	\$2500.00
Unn. Trib. to Cedar Creek	40.91592	-91.90080	40.87639	-91.94338	4.9	1/1	\$2500.00
Unn. Trib. to Cedar Creek	41.17221	-92.46459	41.21142	-92.43133	4.2	1/1	\$2500.00
Unn. Trib. to Iowa River	41.78051	-91.75634	41.74863	-91.80047	4.2	1/1	\$2500.00
North Fox Creek	40.80079	-92.67183	40.80711	-92.71634	3.8	1/1	\$2500.00
Ditch No. 168	42.68519	-94.46654	42.74206	-94.46141	3.5	1/1	\$2500.00
Cedar Creek	42.14530	-90.62722	42.16456	-90.60449	3.4	1/1	\$2500.00
Unn. Trib. to Little Maquoketa River	42.47284	-90.93493	42.51818	-90.96024	3.2	1/1	\$2500.00
Unn. Trib. to Little White Breast Creek	41.06427	-93.28703	41.08659	-93.25789	3.0	1/1	\$2500.00
Unn. Trib. to Pratt Creek	42.23201	-92.08135	42.25307	-92.08630	2.5	1/1	\$2500.00
Unn. Trib. to Greenbrier Creek	41.85941	-94.29352	41.83881	-94.31672	2.5	1/1	\$2500.00
Unn. Trib. to Clanton Creek	41.28591	-93.84155	41.27734	-93.81470	2.5	1/1	\$2500.00
Unn. Trib. to West Fork 102 River	40.72600	-94.86270	40.73305	-94.89795	2.4	1/1	\$2500.00
Unn. Trib. to Little Maquoketa River	42.54102	-90.78471	42.52317	-90.79803	1.8	1/1	\$2500.00

Stream/Segment Name	Downstream Segment Start DD Latitude	Downstream Segment Start DD Longitude	Upstream Segment Start DD Latitude	Upstream Segment Start DD Longitude	~Segment Length	# fish sampling sites/# of visual sites	Sample Collection Fee
Unn. Trib. to West Nishnabotna River	41.18257	-95.43536	41.20158	-95.40881	1.8	1/1	\$2500.00
Spring Branch	42.21534	-90.75246	42.23141	-90.76509	1.7	1/1	\$2500.00
Unn. Trib. to Upper Iowa River	43.46266	-92.30408	43.43410	-92.29669	1.6	1/1	\$2500.00
Unn. Trib. to Little Fox River	40.62674	-92.07731	40.64426	-92.07950	1.6	1/1	\$2500.00
Unn. Trib. to Little River	40.74112	-93.77892	40.75145	-93.76021	1.5	1/1	\$2500.00
Unn. Trib. to Plum Creek	43.06319	-92.23858	43.06678	-92.21290	1.4	1/1	\$2500.00
Unn. Trib. to Turkey River	43.34731	-92.13805	43.36040	-92.14792	1.2	1/1	\$2500.00
Unn. Trib. to Unn. Trib. to Turkey River	43.35738	-92.14252	43.36849	-92.12734	1.2	1/1	\$2500.00
Unn. Trib. to West Nishnabotna River	41.31101	-95.40348	41.30336	-95.38858	1.2	1/1	\$2500.00
Marvel Creek	41.29293	-94.44347	41.30625	-94.44926	1.1	1/1	\$2500.00
Unn. Trib. to Twelvemile Creek	41.01325	-94.19746	41.02739	-94.19607	1.1	1/1	\$2500.00
Unn. Trib. to Unn. Trib. to Drainage Ditch 11	41.81518	-93.49871	41.81261	-93.51505	0.9	1/0	\$2500.00
Unn. Trib. to Skunk River	40.97967	-91.67825	40.98749	-91.68226	0.9	1/0	\$2500.00
Unn. Trib. to Otter Creek	43.23921	-95.99077	43.21769	-96.00495	0.8	1/0	\$2500.00
Unn. Trib. to Des Moines River	41.87523	-93.86474	41.87740	-93.85444	0.8	1/0	\$2500.00
Unn. Trib. to South River	41.33168	-93.57935	41.34030	-93.57667	0.7	1/0	\$2500.00
Unn. Trib. to Floyd River	43.19269	-95.85970	43.19000	-95.85293	0.4	1/0	\$2500.00
Unn. Trib. to Lake MacBride	41.81158	-91.54503	41.81781	-91.54127	0.4	1/0	\$2500.00
Unn. Trib. to Coralville Reservoir	41.81012	-91.57642	41.81022	-91.57405	0.4	1/0	\$2500.00
Unn. Trib. to Unn. Trib. to Clear Creek	41.71789	-91.98792	41.72340	-91.99196	0.4	1/0	\$2500.00
Total Fee:							\$125,000.00
Task 2 Replacement Sites – Sampling collection fee for any replacement site will be \$2500.00							
Little Silver Creek	41.51759	-95.42691	41.60960	-95.41645	7.8	1/2	
Ditch No. 94	42.64974	-93.90515	42.66965	-93.92733	2.1	1/1	
Unn. Trib. to South Raccoon River	41.55459	-94.05841	41.54132	-94.07713	1.9	1/1	
Unn. Trib. to Willow Creek	41.68906	-95.84211	41.69565	-95.87111	1.6	1/1	
Unn. Trib. to Nodaway River	40.64093	-95.02104	40.64907	-95.04682	1.6	1/1	
Unn. Trib. to Des Moines River	42.28775	-93.94599	42.27382	-93.94037	1.5	1/1	
Unn. Trib. to Bear Creek	41.01037	-92.47115	41.01981	-92.47961	1.0	1/1	
Unn. Trib. to Lizard Creek	42.53135	-94.29339	42.52347	-94.29499	0.5	1/0	
Unn. Trib. to Cedar Creek	41.04594	-92.02313	41.05032	-92.02731	0.4	1/0	
Unn. Trib. to Silver Creek	41.50939	-95.43599	41.51282	-95.43591	0.3	1/0	
Unn. Trib. to Price Creek	41.79405	-91.85745	41.79457	-91.85701	0.1	1/0	



**Task 3 – Waters In Need Of Further Investigation Sample Collection – List of Sampling Sites:**

BioNet Site #	AQuIA #	Stream Name and Landmark / Location	County	WGS 84 Latitude	WGS 84 Longitude	Sample Collection Fee
239	12280001	Buck Creek / Delhi	Delaware	42.3569	-91.3523	\$4,554.00
300	16260002	Fox River / Bloomfield / REMAP #48	Davis	40.74555	-92.33147	\$5,215.00
328	16790001	Bear Creek / Brooklyn / REMAP #56	Poweshiek	41.74222	-92.46587	\$4,133.00
359	16790002	Walnut Creek / Belle Plaine / REMAP #73	Poweshiek	41.85251	-92.33425	\$4,133.00
787	14000028	Hoosier Creek / Cedar Rapids	Linn	41.8911	-91.6939	\$4,133.00
1231	14000310	Walnut Creek / NW of Hartwick / REMAP #418	Poweshiek	41.83849	-92.40894	\$4,133.00
NEW	NEW	Badger Creek / Fort Dodge	Webster	42.5788	-94.2058	\$4,754.00
NEW	NEW	Beaver Creek / Dakota City	Humboldt	42.6408	-94.1823	\$5,215.00
NEW	NEW	Brushy Creek / Duncombe	Webster	42.4282	-94.0175	\$4,754.00
NEW	NEW	Deer Creek / Deer Creek Golf Club	Webster	42.5996	-94.2294	\$4,754.00
NEW	NEW	Hickory Creek / Adel	Dallas	41.6366	-93.9990	\$4,133.00
NEW	NEW	Indian Creek / Dakota City	Humboldt	42.6755	-94.2265	\$5,215.00
NEW	NEW	N. Branch Lizard Creek / Gilmore City	Pocahontas	42.6453	-94.4691	\$5,215.00
NEW	NEW	Ralston Creek / Iowa City	Johnson	41.6554	-91.5301	\$4,133.00
NEW	NEW	South Raccoon River / Guthrie Center	Guthrie	41.6432	-94.4543	\$4,754.00
NEW	NEW	Unnamed Creek (aka Ray Lake Drain) / Mediapolis	Des Moines	41.0009	-90.9875	\$4,754.00
					Total Fee:	\$73,982.00

**Task 4 – Coldwater Stream Reference Site Sample Collection - List of Sampling Sites:**

BioNet Site #	AQuIA #	Stream Name and Landmark / Location	County	Ecoregion	WGS 84 Latitude	WGS 84 Longitude	Sample Collection Fee
664	12490006	South Big Mill Creek / Bellevue	Jackson	52b	42.2667	-90.5193	\$5,015.00
668	12030010	Little Paint Creek / Harpers Ferry	Allamakee	52b	43.1771	-91.2298	\$5,015.00
669	12330009	Duttons Creek / West Union - Duttons Cave Park	Fayette	52b	43.0008	-91.7650	\$5,015.00
673	12960008	South Pine Creek / Satre	Winneshiek	52b	43.3733	-91.6634	\$5,015.00
Total Fee:							\$20,060.00

**Task 5 – Watershed Improvement Section (WIS) Survey Site Sample Collection – List of Sampling Sites:**

BioNet Site #	AQuIA #	Stream Name and Landmark / Location	County	Ecoregion	WGS 84 Latitude	WGS 84 Longitude
No sites/samples scheduled for FY23.						

**Task 6 – Stream Nutrient Criteria Development Sample Collection – List of Sampling Sites:**

BioNet Site #	AQuIA #	Stream Name and Landmark / Location	County	Ecoregion	WGS 84 Latitude	WGS 84 Longitude	Sample Collection Fee
21	12420001	South Fork Iowa River / Logsdon County Park- Iowa Falls	Hardin	47b	42.3853	-93.2624	\$4,554.00
1194	14000242	South Fork Iowa River / E of Buckeye	Hardin	47b	42.4142	-93.3314	\$4,554.00
1195	10420002	South Fork Iowa River / N of New Providence at R Ave	Hardin	47b	42.3151	-93.1524	\$4,554.00
1229	14000297	South Fork Iowa River / 4 miles East of Buckeye	Hardin	47b	42.4062	-93.3010	\$4,554.00
255	12710006	Waterman Creek / Sutherland	Obrien	47a	42.9686	-95.4242	\$5,697.00
Benthic Macroinvertebrate sample analysis of 20 sites collected by DNR staff							\$17,600.00
Total Fee:							\$41,513.00

**Task 7 – Ambient WQ Site Biological Sample Collection- List of Sampling Sites:**

BioNet Site #	AQuIA #	Stream Name and Landmark / Location	County	Drainage Area (mi <sup>2</sup> )	WGS 84 Latitude	WGS 84 Longitude	Sample Collection Fee
194	10440001	Big Cedar Creek / Gibson Rec Area - Oakland Mills	Henry	533	40.9251	-91.6736	\$2,060.00
222	10810001	North Raccoon River / Sac City	Sac	709	42.3400	-94.9860	\$2,320.00
280	10070003	West Fork Cedar River / Finchford	Black Hawk	850	42.6289	-92.5437	\$2,190.00
839	10420001	Iowa River / Gifford	Hardin	775	42.3102	-93.0756	\$2,320.00
841	10090001	Cedar River / Janesville	Bremer	1671	42.6495	-92.4665	\$2,060.00
843	10120001	Shell Rock River / Shell Rock	Butler	1730	42.7115	-92.5815	\$2,060.00
844	10820001	Wapsipinicon River / De Witt	Scott	2334	41.7665	-90.5349	\$2,190.00
849	10700001	Cedar River / Conesville	Muscatine	7789	41.4093	-91.2901	\$2,190.00
912	10430001	Boyer River / Missouri Valley	Harrison	928	41.5728	-95.8454	\$2,320.00
914	10040002	Chariton River / Rathbun - at 461st ST Bridge	Appanoose	550	40.8107	-92.8828	\$2,320.00
928	10360003	Nishnabotna River / Hamburg	Fremont	2807	40.6017	-95.6455	\$2,320.00
931	10910003	South River / Ackworth	Warren	474	41.3721	-93.4309	\$2,320.00
932	10270001	Thompson Fork - Grand River / Davis City	Decatur	701	40.6406	-93.8079	\$2,190.00
945	10620001	South Skunk River / Oskaloosa	Mahaska	1635	41.3554	-92.6574	\$2,190.00
1154	10070002	Wolf Creek / Main St Bridge La Porte City	Black Hawk	326	42.3151	-92.1943	\$2,190.00
Total Fee:							\$33,240.00

**Task 8 – Biological Trend Monitoring Sample Collection – List of Sampling Sites:**

BioNet Site #	AQuIA #	Stream Name and Landmark / Location	County	Ecoregion	WGS 84 Latitude	WGS 84 Longitude	Sample Collection Fee
10	12220002	North Cedar Creek / Public Access Area- Sny Magill	Clayton	52b	42.9625	-91.2293	\$8,960.00
31	12980003	Willow Creek / Willow Creek Wildlife Area - Hanlontown	Worth	47b	43.2767	-93.354	\$8,960.00
37	12270001	Long Creek / DeKalb SWA - Van Wert	Decatur	40a	40.8356	-93.8572	\$8,160.00
48	12030001	French Creek / French Creek SWMA - Waukon	Allamakee	52b	43.3772	-91.3974	\$8,960.00
50	12710004	Little Waterman Creek / Waterman Creek SWMA - Hartley	Obrien	47a	43.0791	-95.459	\$10,293.00
82	12150001	Indian Creek / Lewis	Cass	47e	41.3185	-95.1291	\$8,960.00
105	12490001	Bear Creek / Eden Valley Co Park - Baldwin	Jackson	47f	42.0475	-90.8537	\$8,960.00
107	12960001	Canoe Creek / Canoe Creek SWMA - Decorah	Winneschiek	52b	43.367	-91.6183	\$8,160.00
154	12100002	Lime Creek / Lime Creek Park- Brandon	Buchanan	47c	42.3291	-91.9821	\$8,160.00
Total Fee:							\$79,573.00

Iowa Department of Natural Resources  
Environmental Protection Commission

ITEM #10

DECISION

**Commission approval is requested for a Contract with the University of Northern Iowa (UNI) of Cedar Falls, Iowa. Services are to be provided by the Iowa Air Emissions Assistance Program at UNI's Iowa Waste Reduction Center.**

**Proposed SFY 2023 Contract Terms:****Amount:** Not to exceed \$230,090**Dates:** July 1, 2022, to June 30, 2023**Funding Source(s):** Title V emission fees (cost reimbursable payments)

**Contract Purpose:** The parties propose to enter into this Contract to outline UNI's activities and projects related to providing technical air quality assistance to Iowa's small businesses. The Contract specifies that UNI will provide assistance and outreach to small businesses so that they may understand and fulfill their air quality regulatory obligations, and includes UNI offering training to small businesses on completing and submitting required air emissions inventories. Please see **Attachment A** for the proposed Contract's Summary of Obligations and **Attachment B** for the proposed Contract's budget.

**Contract Background:** The Small Business Assistance Program, which is mandated by the Section 507 of the U.S. Clean Air Act Amendments of 1990, provides technical and non-technical assistance to small businesses. This Contract establishes the requirements of Iowa's technical assistance program.

**Selection Process Summary:** This Contract is authorized by 11 Iowa Administrative Code section 118.4, which states that if another governmental entity has resources available to supply a service sought by a state agency, the state agency may enter into an intergovernmental agreement with the other governmental entity and is not required to use competitive selection.

**Contract History:** The Iowa Air Emission Assistance Program (IAEAP) was formally designated as the technical and compliance small business assistance provider in a State Implementation Plan revision that was submitted to and approved by the EPA in the early 1990s. UNI's IAEAP has demonstrated itself to be an effective assistance provider to Iowa's small businesses.

A summary of the terms for the past three year's contracts with UNI for IAEAP are, as follows:

**SFY 2022 Contract Terms:****Dates:** July 1, 2021 to June 30, 2022**Amount:** \$204,076**Amendment(s):** No amendments**SFY 2021 Contract Terms:****Dates:** July 1, 2020, to June 30, 2021**Amount:** \$200,926**Amendment(s):** No amendments**SFY 2020 Contract Terms:****Dates:** July 1, 2019, to June 30, 2020**Amount:** \$153,804**Amendment(s):** No amendments

Each year, if the DNR's air quality budget allows, UNI may request a small increase (2-3%) over the previous contract's funding amount for expected actual cost increases to administer the IAEAP program.

As in the 2021 and 2022 Contracts, the 2023 Contract maintains the additional 0.50 FTE funding for UNI to continue its direct outreach and compliance assistance to feed mills and grain elevators, which UNI expects to complete in SFY 2023. The 2023 Contract includes an additional 0.20 FTE for increased assistance to small businesses with using DNR's electronic submittal systems for emissions inventories and permit applications. All facilities will be required to use the electronic submittal systems starting January 1, 2023.

Other UNI assistance efforts in SFY 2023 will include helping meat packing plants that are planning to install incinerators and facilitating compliance at small businesses impacted by expected new requirements for federal air toxics standards. More detail on anticipated activities is included in UNI's IAEAP 2023 Work Plan (see **Attachment C**). DNR will again evaluate the need to fund all or part of the additional FTE allocation over 2020 levels (0.70 FTE) when developing the 2024 Contract.

Christine Paulson, Environmental Specialist Senior, Air Quality Bureau  
Environmental Services Division  
June 21, 2022

### Attachment A (UNI IAEAP 2023 Summary of Obligations)

The following is a summary of the obligations UNI shall complete to meet tasks identified in the 2023 Contract. If tasks in Attachment A and the Special Conditions in the Contract are inconsistent, then the language of the Special Conditions shall take precedence.

Obligation	Reference	Task Milestone Date
Personnel Commitment	5A.1(1)	Ongoing
Training	5A.1(2)	As Needed/Determined
Key Personnel	5A.1(3)	Ongoing
Key Personnel Changes	5A.1(3)	Within 10 business days
Maintain General, NESHAP, and Facility Closings/Changes Databases	5A.4(1), (2) and (5)	Ongoing, minimum of 3 years
Toll-free Number	5A.4(3)	Ongoing
Maintain Website	5A.4(4)	Ongoing
Address DNR Concerns	5A.5	Within 15 days
Documentation	5A.6	Ongoing
Intergovernmental Collaboration	5A.7	As Needed or Requested by DNR
Responsibilities of the DNR	5A.8	Ongoing
Notice of CAA Rights & Obligations	5B.1	Ongoing
Compliance Methods	5B.2	Ongoing
Modification Requests	5B.3	As Requested
Air Pollution Prevention	5B.4	Ongoing
Rule Development	5B.5	As Requested
Develop Compliance Assistance Tools	5B.6(1)	As Requested
Distribute Compliance Assistance Tools	5B.6(3)	Ongoing
Prioritization of NESHAP	5B.6(4)	As Requested
NESHAP Compliance Assistance Tools & Outreach	5B.6(4)	As Requested
Provide On-Site Audits	5B.6(5)	As Requested
MSEI Training	5B.7(1)	As Requested
MSEI Site Visit	5B.7(5)	As Determined
SLEIS Assistance	5B.7(6)	As Requested
Late Work Products	6.1(2)	No later than 10 days
Review Meetings	6.2(1)	Annually
Task Force/Workgroup Participation	6.2(2)	As Determined
Outreach Meetings	6.2(3)	As Requested
Small Business Meetings/Event Participation	6.2(4)	Within 2 weeks of request
Equipment Reports	6.3(2)	Monthly, As Applicable
Special Reports	6.3(4)	As Requested

Obligation	Reference	Task Milestone Date
July Monthly Report	6.3(1)	August 15, 2022
MSEI Planning Meeting	5B.7	September 15, 2022
July Invoice	7.4	September 15, 2022
August Monthly Report	6.3(1)	September 15, 2022
August Invoice	7.4	October 17, 2022
September Monthly Report	6.3(1)	October 17, 2022
Update the Online Dry Cleaning and Gasoline Bulk Plant Compliance Assistance Calendars	5B.6(4)c	Obligation already met for this Contract
Draft MSEI Training Proposal	5B.7	November 1, 2022
September Invoice	7.4	November 15, 2022
October Monthly Report	6.3(1)	November 15, 2022
October Invoice	7.4	December 15, 2022
November Monthly Report	6.3(1)	December 15, 2022
November Invoice	7.4	January 17, 2023
December Monthly Report	6.3(1)	January 17, 2023
Work Plan & Staffing Plan	5A.3(1)	January 31, 2023
Budget	5A.3(2)	January 31, 2023
Final Draft MSEI Training Proposal	5B.7	January 31, 2023
December Invoice	7.4	February 15, 2023
January Monthly Report	6.3(1)	February 15, 2023
January Invoice	7.4	March 15, 2023
February Monthly Report	6.3(1)	March 15, 2023
Initial Contract Review	5A.3(3)	March 31 2023
February Invoice	7.4	April 17, 2023
March Monthly Report	6.3(1)	April 17, 2023
MSEI Training Completed	5B.7	May 1, 2023
Final Contract Review	5A.3(4)	May 15, 2023
SLEIS Primary Assistance	5B.7	May 15, 2023
March Invoice	7.4	May 15, 2023
April Monthly Report	6.3(1)	May 15, 2023
April Invoice	7.4	June 15, 2023
May Monthly Report	6.3(1)	June 15, 2023
May Invoice	7.4	July 17, 2023
June Monthly Report	6.3(1)	July 17, 2023
Final Report	6.3(3)	July 31, 2023
Final/June Invoice	7.4	July 31, 2023

**Attachment B (UNI IAEAP 2023 Budget)**

<b>EXPENDITURE CATEGORY</b>	<b>OVERALL TOTAL</b>
<b>Personnel/Benefits (Total) – Not to Exceed</b>	<b>\$210,246</b>
Personnel (FTE)	\$146,411
Benefits (FTE)	\$63,835
<b>Travel/Training (Total)</b>	<b>\$2,800</b>
Out of State	\$800
In State	\$2,000
<b>Other (Total)</b>	<b>\$0</b>
<b>Indirect charges</b>	<b>\$17,044</b>
<b>Total Project Costs – Not to Exceed</b>	<b>\$230,090</b>



## Attachment C (UNI's 2023 Work Plan for IAEAP activities)

### Iowa Air Emissions Assistance Program Iowa Waste Reduction Center, University of Northern Iowa Work Plan for FY22 (July 1, 2022 - June 30, 2023)

#### Introduction

The Small Business Environmental Assistance Program for Iowa is operated by the Iowa Waste Reduction Center (IWRC) at the University of Northern Iowa (UNI). The program, known as the Iowa Air Emissions Assistance Program (IAEAP), is designed to fulfill the requirements of Section 507 of the 1990 Clean Air Act Amendments (CAAA).

Contract Number 22ESDAQBCPAUL-0003 between the Iowa Department of Natural Resources (DNR) and the University of Northern Iowa establishes the current IAEAP operation parameters. The work plan, covering the period July 1, 2022 to June 30, 2023, is submitted to the Iowa DNR to fulfill the requirements of the agreement. It shall be used as the blueprint for activities during that time period.

#### Program Elements

The Iowa Waste Reduction Center at the University of Northern Iowa shall implement a program which contains the elements as envisioned in the 1990 CAAA.

Eligibility -- Any "small business stationary source" that: (1) is owned or operated by a person that employs 100 or fewer individuals; (2) is a small business concern as defined in the federal Small Business Act; (3) is not a 'major' source as defined in CAAA. The term "small business stationary source" also shall include any stationary source designated by the DNR as eligible, according to the provisions of the CAAA section 507(c)(2) and (3).

#### Individual Program Elements

The IAEAP work plan for FY23 shall include the following activities:

##### 1. Information Dissemination and Data Management

- Electronic newsletter: The IWRC electronic newsletter is utilized for articles and information dissemination on air quality related issues. The newsletter shall be one of the primary tools for reaching businesses during FY22. As of January 2022, there are 837 subscribers to the IWRC newsletter.
- Website: The IAEAP webpages can be accessed through the IWRC general website at [www.iwrc.uni.edu](http://www.iwrc.uni.edu). Included within the IAEAP webpages are NESHAP information, regulatory summaries, vendor lists, recordkeeping and compliance tools, links to Paint Tracker and GrainPTE, minor source emissions inventory resources, publications developed over the years, and contact information.
- Email lists: the IAEAP maintains lists of e-mails for businesses in industries that are impacted by specific air quality regulations. This enables staff to be able to distribute information quickly and directly to targeted facilities.
- Toll-free 800 number: Calls related to specific air emissions issues are routed to the appropriate IAEAP staff member. The number is continuously disseminated through all routine IAEAP outreach and technical assistance activities. *Note: if possible the IAEAP would like to discuss a phase out approach to eliminating the 800 number.*
- Trade/industry presentations: the IAEAP staff will work with the Iowa DNR Small Business Liaison and business groups to reach out to small businesses. Presentations shall be conducted as requested for trade associations, industry groups, or other entities that represent broad sectors of small businesses in Iowa.
- The IAEAP staff will document all detailed (in-depth assistance involves more than one hour of staff time with a client) and brief assistance (provided over the phone or via written interaction from the office less than one hour of staff time) provided to Iowa small businesses.

## 2. Minor Source Emissions Inventory Assistance

Facilities in the DNR's field offices 2 and 5 (central Iowa) will be required to complete the minor source emissions inventory (MSEI) in FY23. The IAEAP will provide training and assistance to small businesses required to complete the 2022 emissions inventory as detailed in the training proposal developed by the IAEAP and the DNR emissions inventory staff. The IAEAP's MSEI training webpage developed over the past several years will continue to be maintained with resources updated as deemed necessary by the DNR or the IAEAP.

## 3. State and Local Emission Inventory System (SLEIS) Assistance

The IAEAP will continue to provide SLEIS related assistance during FY23 both to businesses as well as to the DNR. At the request of the business, the IAEAP will be available to answer questions and support facilities in entering emissions inventory data and submitting their inventories in SLEIS. The IAEAP will also assist the DNR as requested with, including but not limited to training, support, data entry and providing technical assistance to users.

With the proposed DNR rulemaking requiring electronic submission of all emission inventory reports starting January 1, 2023 the IAEAP is anticipating an increase in the number of facilities requesting assistance with their 2022 MSEI.

## 4. Iowa Air Quality Construction Permit Assistance

The IAEAP will continue its history of assisting Iowa small businesses in complying with Iowa air quality construction permitting requirements. This assistance will include educating Iowa small businesses on monitoring and operating condition requirements outlined in their existing construction permits, helping small businesses identify sources that require air quality construction permits, educating them on permitting options, referring them to the DNR Air Quality Bureau if they require assistance with their construction permit application, and helping businesses ensure they are in compliance with recordkeeping requirements.

## 5. Iowa Easy Air Assistance

The IAEAP will continue to provide assistance to businesses applying for air quality construction permits in the use of the Iowa EasyAir online air permitting system. At the request of the company, the IAEAP will be available to provide guidance and answer questions as the business navigates the system.

With the proposed DNR rulemaking requiring electronic submission of all air permitting applications starting January 1, 2023 the IAEAP will serve a resource for the DNR to refer small businesses who may need assistance completing their application. With this change the IAEAP is anticipating an increase in the number of facilities requesting assistance related to air quality construction permit applications.

## 6. On-Site Visits

On-site visits are provided by the IAEAP as requested by the clients. Site visits will address compliance with air quality permitting requirements, recordkeeping options, available resources, and pollution prevention techniques and opportunities. Compliance with air quality regulations are also discussed as part of the IWRC's multi-media site visits.

## 7. Feed Mill Assistance

Outreach efforts to the feed mill industry began in FY21 and continued through FY22. The IAEAP will complete any direct assistance to feed mills not completed during FY22 and will continue to provide general assistance to the industry in FY23. The IAEAP will provide assistance to feed mills referred to us from the Iowa DNR central and field office staff as well as those facilities that contact the IAEAP directly.

In addition, the IAEAP will work with DNR to create an email campaign that will be sent to feed mills to remind them of their air quality compliance requirements. This email will include a reminder to check products for the 7D HAPs (chromium and manganese), to ensure records are being kept as required by small unit exemptions or air quality construction permits, and to ensure annual throughputs do not exceed permit or small unit exemption limits. A copy of the feed mill air quality inspection guidance document will continue to be shared with facilities. The IAEAP will generate an email list based on previous assistance and outreach efforts to the feed mill industry. Additional outreach to feed mills will be completed as agreed upon by the DNR and the IAEAP.

## 8. Grain Elevator Assistance

The IAEAP will continue efforts started in FY21 to encourage grain elevators to continue or to start using the GrainPTE program to calculate their PM10 potential to emit on an annual basis. The IAEAP staff will use reports from the GrainPTE program to identify facilities not currently using the program and attempt to identify a contact for the company. The IAEAP staff will send an email to all grain elevators in January reminding them of their annual requirement to calculate their PM10 PTE.

Additional assistance or outreach to grain elevators will be completed as agreed upon by the DNR and the IAEAP.

## 9. EPA Area Source NESHAP Rule Assistance

The IAEAP will continue to offer assistance to Iowa small businesses impacted by new, modified, or existing Environmental Protection Agency (EPA) area source National Emissions Standards for Hazardous Air Pollutants (NESHAP) regulations. This assistance will be in the form of answering small businesses questions, on-site visits to assist in developing compliance strategies for the business or ensuring compliance, and the development of educational materials as requested by the DNR.

NESHAP or industry specific outreach will be completed as time allows and as agreed upon between the IAEAP and the Iowa DNR. This may include broad based outreach to perc dry cleaners and auto body shops as needed based on the outcome of recent EPA technology reviews of the Perc Dry Cleaning and the Miscellaneous Surface Coating (6H) NEHSAPs.

## 10. Meat Processing Plant Assistance

The IAEAP will work with meat processing plants (including meat lockers) interested in installing incinerators at their facilities to ensure they are in compliance with applicable air quality requirements. Assistance will include guidance and training on completing air quality construction permit applications using Iowa EasyAir, recordkeeping requirements and minor source emissions inventory requirements.

## **Budget and Allocation of Resources**

The proposed IAEAP budget for FY23 is \$230,090. The budget includes a 0.70 FTE increase over the base 1.25 FTE to account for the increased effort related to Iowa EasyAir and SLEIS assistance increases due to the DNR's mandatory electronic submittal rulemaking as well as continued outreach to the feed mill and meat locker industries.

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

ITEM #11

DECISION

**Commission approval is requested for a Contract with the county government of Linn County; Cedar Rapids, Iowa.**

**Proposed SFY 2023 Contract Terms:****Amount:** Not to exceed \$1,020,425**Dates:** July 1, 2022, to June 30, 2023**Funding Source(s):** Cost reimbursable payments, as follows:

<b>Funding Source</b>	<b>Not to Exceed</b>
Title V Application Fees	\$48,649
Title V Emissions Fees (includes \$150,000 one-time funding)	\$765,122
PSD Application Fees	\$21,104
CAA §105 federal grant dollars	\$123,150
CAA §103 federal grant dollars	\$17,500
American Rescue Plan (ARP) CAA §103 federal grant dollars (one-time grant)	\$44,900

In addition, Linn County has agreed to a funding commitment of \$346,438 from local funding sources.

**Contract Purpose:** The parties propose to enter into this Contract to specify the extent and manner of cooperation between the two agencies in conducting programs for the abatement, control, and prevention of air pollution within Linn County. Particular emphasis is placed on fulfilling the requirements of the federal Clean Air Act Amendments of 1990 (CAAA) through the collection and assessment of information regarding air quality, the permitting of sources of air emissions, the enforcement of emission limits, and the attainment and maintenance of ambient air quality standards. Please see **Attachment A** for the proposed Contract's Summary of Obligations and **Attachment B** for the proposed Contract's programmatic budget.

**Contract Background:** Under Iowa Code §455B.134(11) and Iowa Code §455B.144 local political subdivisions are able to address air quality problems in their jurisdictions and can establish their own rules. Linn County had a local program, including ordinances and enforcement, in place prior to the DNR's delegation from EPA for an air program.

As specified in Iowa Code §455B.145 and 567 Iowa Administrative Code (IAC) Chapter 27, the Linn County Air Quality Division meets the conditions necessary to retain a local program. As established under the requirements of this Contract, the Linn County Air Quality Division is responsible for the ongoing implementation of an air program within their county.

**Selection Process Summary:** This Contract is authorized by 11 IAC section 118.4, which states that if another governmental entity has resources available to supply a service sought by a state agency, the state agency may enter into an intergovernmental agreement with the other governmental entity and is not required to use competitive selection.

**Contract History:** Records indicate that DNR has been contracting with Linn County for implementation of an air program within Linn County since at least 1992. The Contract is re-negotiated annually with Linn County to provide services that allow for the ongoing implementation of an air program.

In 2016, 567 IAC Chapter 30 established fee rules and required the establishment of a fee structure by the DNR. As in SFY 2022, applicants of Title V and Prevention of Significant Deterioration (PSD) permits will be billed by the DNR at the rate established in the DNR fee schedule and Linn County will then be reimbursed by the DNR for their work on the project. Linn County has implemented their own fee structure for major (non-PSD) and minor source construction permit applications; these fees are used by Linn County to assist with their required funding commitment.

A summary of the terms for the past three year's contracts with Linn County are, as follows:

**SFY 2022 Contract Terms:**

**Dates:** July 1, 2021 to June 30, 2022

**Amount:** \$806,747

**Amendment(s):** No amendments

**SFY 2021 Contract Terms:**

**Dates:** July 1, 2020, to June 30, 2021

**Amount:** \$804,363

**Amendment(s):** No amendments

**SFY 2020 Contract Terms:**

**Dates:** July 1, 2019, to June 30, 2020

**Amount:** \$777,515

**Amendment(s):** No amendments

Each year, if the DNR's air quality budget allows, Linn County may request a small increase (typically 2-3 %) over the previous contract's funding amount for expected actual cost increases to administer Linn County's program. Other factors that contribute to variations in funding from year to year include ambient air monitoring (AAM) network equipment replacement and maintenance costs and AAM equipment vendor training requirements. Additionally, year to year variability arises from the expected number and complexity of applications for new and revised PSD permits, and applications for new and renewal Title V permits.

In SFY 2023, DNR is proposing to provide Linn County with a one-time cost reimbursement for the deployment of a local program module for the Iowa EASY Air permit application system. The module will be compatible with DNR's Iowa EASY Air and will allow Linn County to review and process permit applications electronically, thereby increasing air permitting efficiencies for Linn County, DNR, and facilities within Linn County. Linn County will also receive one-time federal funding under the American Rescue Plan for AAM equipment.

Christine Paulson, Environmental Specialist Senior, Air Quality Bureau  
Environmental Services Division  
June 21, 2022

### Attachment A: Linn County 2023 Summary of Obligations

The following is a summary of the obligations the Local Program shall complete to meet tasks identified in the 2023 Contract. If tasks in Attachment A and the Special Conditions in the Contract are inconsistent, then the language of the Special Conditions shall take precedence.

Obligation	Reference	Task Milestone Date
<b>General Provisions</b>		
Personnel Commitment	5A.1(1)	Ongoing
Key Personnel	5A.1(2)	Ongoing
Training	5A.1(3)	Ongoing
Program Activity Summary	5A.1(4)(a)	Quarterly: October 31, 2022; January 31, 2023; May 1, 2023; and July 31, 2023
Training Summary	5A.1(4)(b)	Annually: July 31, 2023
Personnel Changes	5A.1(5)(a)	10 days from effective date
New Personnel Report	5A.1(5)(b)	10 days from start date
Fiscal Reporting	5A.2	Quarterly: October 31, 2022; January 31, 2023; May 1, 2023; and July 31, 2023
Convene Fee Advisory Group(s)	5A.3(1)	As scheduled by Linn in February or March 2023
Proposed Budget	5A.3(1)	January 17, 2023
Personnel Plan	5A.3(2)	January 17, 2023
Initial Contract Review	5A.3(3)	March 15, 2023
Final Contract Review	5A.3(4)	May 1, 2023
Website – Review & Update As Needed	5A.4(1)	Quarterly: October 31, 2022; January 31, 2023; May 1, 2023; and July 31, 2023
Routine Rule Revision	5A.5	As agreed upon by parties
MBE/WBE	5A.6	Annually: October 31, 2022
Intergovernmental Cooperation	5A.7(1)-(11)	As requested & agreed upon by parties
Attend Fee Advisory Groups	5A.7(8)	As scheduled by DNR
<b>Construction Permitting Provisions</b>		
Source Review	5B.1(1)	Ongoing
Permit Issuance	5B.1(2)	Ongoing
Draft Permit Review	5B.1(3)	Prior to Issuance
Permit Transfer	5B.1(4)	Upon Receipt
Permit/Modeling Procedure Utilization	5B.2	Ongoing
PSD Activities	5B.3	Ongoing
Proposed Final PSD permit	5B.3(1)	180 days after final application receipt
Pre-Application Protocol	5B.4	Ongoing
Receipt of 80% PSD pre-application	5B.4(1)(a)	2 weeks prior to pre-meeting
Copy of PSD pre-application to DNR & EPA	5B.4(1)(b)	10 days prior to pre-meeting or after receipt of 100% application
Review Pre-Application Materials	5B.4(2)	Ongoing
PSD Application Review	5B.5	Ongoing
Denial of Permit Application	5B.5(1)(b)	As soon as possible
Prepare Draft PSD Permit	5B.6	Ongoing
Fact Sheet	5B.6(2)	Ongoing
Electronic Copy of Draft PSD permit	5B.6(3)	Prior to facility review
Permit Review by EPA	5B.7(1)	10 days prior to public comment
Public Notice & Participation	5B.7(2)	Ongoing
Changes to Draft Permit	5B.8(1)	Ongoing
Proposed Final PSD to DNR	5B.8(2)	Ongoing
Response to Comment	5B.8(4)(a)	Ongoing
BACT Data	5B.8(4)(b)	Within 30 days after permit issuance
Final PSD Permit to EPA	5B.8(4)(c)	After DNR Issuance

Obligation	Reference	Task Milestone Date
<b>Construction Permitting Provisions (cont'd)</b>		
PSD Permit Modifications	5B.8(9)	Ongoing
Excel Report	5B.10	Semi-Annual: January 31, 2023, and July 31, 2023
<b>Title V Permitting Provisions</b>		
Three (3) initial/renewal permits	5C.1(1)	June 30, 2023
Issuance Schedule	5C.1(1)(a)	May 15, 2023
Completeness Determination	5C.2(1)	60 days after receipt
Application Processing	5C.2(2)	Ongoing
Denial of Permit Application	5C.2(2)(b)	As soon as possible
Permit Drafting Procedures	5C.3	Ongoing
Fact Sheet	5C.3(2)	Ongoing
Draft Permit Review	5C.3(3)	Prior to Facility Review
Permit Review by EPA	5C.4(1)	Start of Public Comment Period
Affected States Review	5C.4(2)	Start of Public Notice
Public Notice & Participation	5C.4(3)	Ongoing
Response to Comments	5C.4(3)(e)	Ongoing
Changes to Draft Permit	5C.5(1)	Ongoing
Proposed Final Title V to DNR	5C.5(2)	Ongoing
Final Title V Permit to EPA	5C.5(3)	Within 30 days of DNR Issuance
Title V Renewals	5C.6	Ongoing
Reopening Issues Title V Permits	5C.7	Ongoing
Permit Changes	5C.8	Ongoing
Status Reports	5C.9	Quarterly: October 31, 2022; January 31, 2023; May 1, 2023; and July 31, 2023
<b>Compliance Provisions</b>		
Compliance Activities	5D.1	Ongoing
Notice of Violation	5D.1(2)(a)-(b)	Within 60 days
Electronic Compliance Schedules	5D.1(3)	Ongoing
Minimum 1 Joint Stack Test	5D.2	June 30, 2023
Inspection Schedule	5D.3(1)	Ongoing
Joint Inspection Documents	5D.3(2)	Provided prior to each inspection
Joint Inspection Report	5D.3(2)	30 days following each
Variances	5D.4	Ongoing
Training Fire Permits	5D.4(2)	DNR copied at time of issuance
CMS Plan	5D.5(1)	September 1, 2022
ICIS Reporting	5D.5(2)	15 days following reported month
Summary of Facility Actions	5D.5(2)	Quarterly: October 31, 2022; January 31, 2023; May 1, 2023; and July 31, 2023
Compliance Quarterly Report	5D.5(3)	Quarterly: October 31, 2022; January 31, 2023; May 1, 2023; and July 31, 2023
Emission Test Results	5D.6	Report to EPA (ICIS)
<b>Ambient Air Monitoring Provisions</b>		
Existing Network Operations	Table 2	Ongoing
Network Modifications – Discontinue Tait Cummins Park (Prairie Creek) SO <sub>2</sub> monitor	Table 3	December 31, 2022.
Unscheduled Network Modifications	5E.1(1)(a)	Upon Request
Final Equipment List	5E.1(2)(a)	July 1, 2022
Vendor Training Selection	5E.1(3)(a)	July 1, 2022
Monitoring Sites	5E.1(3)	Ongoing
Daily Polling	5E.1(4)	Ongoing
High Concentration Reports	5E.1(5)	Ongoing

Obligation	Reference	Task Milestone Date
<b>Ambient Air Monitoring Provisions (cont'd)</b>		
Quality System Implementation	5E.2(1)	Ongoing
Revised QA Documents	5E.2(2)	Within 40 working days
SO <sub>2</sub> or PSD Sites	5E.2(3)	Within 30 days of request
Annual Network/Quality Assurance Review	5E.2(5)	March 15, 2023
Training & Safety Plan	5E.3(1)	Ongoing
Coordination Meetings	5E.3(2)	Quarterly as scheduled
Equipment Inventory List	5E.3(3)	7 days after request
List of equipment to maintain & operate existing network	5E.3(4)(a)(1)	January 17, 2023
Equipment Replacement Schedule	5E.3(4)(a)(2)	January 17, 2023
List equipment to expand network (next Contract), or written notice to DNR that no network expansion is planned.	5E.3(4)(b)	March 15, 2023
Network Modifications	5E.3(5)	Ongoing
Data Validation	5E.4(1)	Ongoing
Site Setup & Closure	5E.4(2)	Ongoing
AQS/PARS Data Submission	5E.4(3)	15 days following reported month
Data Screening	5E.4(4)	Ongoing
Monthly AQS Recordkeeping Requirements	5E.4(5)(a)	Monthly
Quarterly AQS Recordkeeping Requirements	5E.4(5)(b)	Quarterly
Real-time Monitoring	5E.4(6)	Ongoing
Toxics Monitoring	5E.4(7)	Ongoing
Exceedance Report	5E5(1)	Immediate
Weekly Network Status Report	5E.5(2)	Weekly – 1 <sup>st</sup> working day
Monthly Continuous Monitor Report	5E.5(3)	15 working days following reported month
Monthly Report: SHL-PM FRM Monthly Report: SHL-Air Toxics Monthly Report: SHL-Speciation	5E.5(4)	20 working days after receipt from outside Contractor
Monthly Equipment Procurement Report	5E.5(5)	15 working days following reported month
Quarterly Monitoring Report (Continuous & Non-Continuous)	5E.5(6)	Quarterly: October 31, 2022; January 31, 2023; May 1, 2023; and July 31, 2023
Computer audit (security & adequacy of backup)	5E.6(2)	September 1, 2022
<b>Monitoring and Review</b>		
Reporting Provisions	6.3	Ongoing
<b>Compensation</b>		
Invoice Submission	7.5	Quarterly: October 31, 2022; January 31, 2023; May 1, 2023; and July 31, 2023
Unmet Obligations	7.5(2)	With Quarterly Invoices as Needed
Billable Hour Documentation	7.5(2)(b)	With Quarterly Invoice as Needed



## Attachment B: Linn 2023 Programmatic Budget

Program		Funding Source										
	FTE	Total	County Annual Fee	County General Fund	County Minor CP App Fee	County Major (non-PSD) CP App Fee	103	ARP 103	105	Title V EI Fee	Estimated PSD Application Fee	Estimated Title V Application Fee
<b>Title V Operating Permits</b>												
Application Review & Permit Issuance	0.30	\$38,379										\$38,379
Management, Secretarial & Data Support	0.08	\$5,603										\$5,603
Travel/Training - Personnel	0.03	\$3,198										\$3,198
Travel/Training - Direct Expense		\$1,191										\$1,191
Supplies		\$219										\$219
Other		\$59										\$59
<b>Title V Operating Permit Subtotal</b>	<b>0.40</b>	<b>\$48,649</b>										<b>\$48,649</b>
<b>Major Source Construction Permitting</b>												
Application Review & Permit Issuance	0.70	\$85,820				\$85,820						
Modeling	0.05	\$6,975				\$6,975						
Management, Secretarial & Data Support	0.18	\$14,278				\$14,278						
Travel/Training - Personnel	0.07	\$8,420				\$8,420						
Travel/Training - Direct Expense		\$3,096				\$3,096						
Supplies		\$547				\$547						
Other		\$148				\$148						
<b>Major Source Construction Permitting Subtotal</b>	<b>0.99</b>	<b>\$119,284</b>				<b>\$119,284</b>						
<b>PSD Permitting</b>												
Application Review & Permit Issuance	0.05	\$5,819									\$5,819	
Modeling	0.05	\$6,975									\$6,975	
Management, Secretarial & Data Support	0.05	\$4,118									\$4,118	
Travel/Training - Personnel	0.03	\$2,909									\$2,909	
Travel/Training - Direct Expense		\$1,191									\$1,191	
Supplies		\$73									\$73	
Other		\$20									\$20	
<b>PSD Permitting Subtotal</b>	<b>0.17</b>	<b>\$21,105</b>									<b>\$21,104</b>	

## Attachment B: Linn 2023 Programmatic Budget (continued)

Program				Funding Source								
	FTE	Total	County Annual Fee	County General Fund	County Minor CP App Fee	County Major (non-PSD) CP App Fee	103	ARP 103	105	Title V EI Fee	Est. PSD Appl. Fee	Est. Title V Appl. Fee
<b>Minor Source Construction Permitting</b>												
Application Review & Permit Issuance	0.75	\$90,626	\$29,310	\$22,995	\$18,256				\$20,064			
Modeling	0.05	\$6,975	\$2,256	\$1,770	\$1,405				\$1,544			
Management, Secretarial & Data Support	0.21	\$16,640	\$5,382	\$4,222	\$3,352				\$3,684			
Travel/Training - Personnel	0.03	\$2,610	\$844	\$662	\$526				\$578			
Travel/Training - Direct Expense		\$1,191	\$385	\$302	\$240				\$264			
Supplies		\$583	\$189	\$148	\$118				\$129			
Other		\$158	\$51	\$40	\$32				\$35			
<b>Minor Source Construction Permitting Subtotal</b>	1.04	\$118,783	\$38,417	\$30,140	\$23,928				\$26,298			
<b>Core Program Activities</b>												
Program Development	0.25	\$33,108	\$0	\$5,259					\$0	\$27,849		
Compliance Assistance & Enforcement - Minor	1.40	\$157,355	\$47,184	\$36,997					\$73,174			
Compliance Assistance & Enforcement - Major	0.95	\$107,884	\$13,281	\$0					\$0	\$94,603		
Management, Secretarial & Data Support	0.58	\$57,782	\$0	\$9,178					\$0	\$48,604		
Travel/Training - Personnel	0.20	\$20,303	\$0	\$3,225					\$0	\$17,078		
Travel/Training - Direct Expense		\$9,289	\$0	\$1,476					\$0	\$7,814		
Supplies		\$3,135	\$0	\$498					\$0	\$2,637		
Other		\$851	\$0	\$135					\$0	\$716		
Local Program EASY Air Module Deployment: One Time Allocation for reimbursement of actual eligible costs		\$150,000	\$0	\$0					\$0	\$150,000		
<b>Core Program Activities Subtotal</b>	3.37	\$539,707	\$60,465	\$56,769					\$73,174	\$349,301		

## Attachment B: Linn 2023 Programmatic Budget (continued)

Program	Funding Source											
	FTE	Total	County Annual Fee	County General Fund	County Minor CP App Fee	County Major (non-PSD) CP App Fee	103	ARP 103	105	Title V EI Fee	Est. PSD Appl. Fee	Est. Title V Appl. Fee
<b>Ambient Monitoring Activities</b>												
Ambient Monitoring Field Operations	1.85	\$173,297	\$4,562	\$3,054			\$7,644		\$10,343	\$173,637		
AAM Supervision	0.30	\$43,582	\$1,005	\$673			\$1,684		\$2,279	\$38,254		
Quality Assurance	0.80	\$73,544	\$1,558	\$1,043			\$2,610		\$3,532	\$68,905		
Management, Secretarial & Data Support	0.11	\$4,358	\$182	\$122			\$306		\$413	\$6,941		
Travel/Training - Personnel	0.17	\$18,313	\$419	\$281			\$703		\$951	\$15,958		
Travel/Training - Direct Expense		\$6,613	\$234	\$157			\$393		\$532	\$8,926		
Supplies		\$2,201	\$49	\$33			\$83		\$112	\$1,875		
Other		\$1,698	\$13	\$9			\$22		\$30	\$509		
<b>Equipment (Subtotal)</b>		\$78,900	\$1,944	\$1,301			\$3,257		\$4,407	\$73,990		
Engineering & Scientific Equipment		\$43,400	\$753	\$504			\$1,262		\$1,708	\$28,672		
Repair & Maintenance of Equipment		\$19,500	\$584	\$391			\$978		\$1,324	\$22,223		
Lab Supplies		\$16,000	\$607	\$406			\$1,017		\$1,376	\$23,095		
Monitoring Site Lease		\$5,200	\$119	\$80			\$200		\$270	\$4,532		
Monitoring Utilities		\$15,600	\$357	\$239			\$599		\$810	\$13,595		
Vendor Training		\$8,700	\$0	\$0			\$0		\$0	\$8,700		
ARP 103 One Time Equipment Allocation		\$44,900						\$44,900				
<b>Ambient Monitoring Activities Subtotal</b>	3.23	\$519,335	\$10,444	\$6,991			\$17,500	\$44,900	\$23,678	\$415,821		
<b>Total Linn County Budget</b>	<b>9.20</b>	<b>\$1,366,863</b>	<b>\$109,326</b>	<b>\$93,900</b>	<b>\$23,928</b>	<b>\$119,284</b>	<b>\$17,500</b>	<b>\$44,900</b>	<b>\$123,150</b>	<b>\$765,122</b>	<b>\$21,104</b>	<b>\$48,649</b>

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

ITEM #12

DECISION

**Commission approval is requested for a Contract with the county government of Polk County; Des Moines, Iowa.**

**Proposed SFY 2023 Contract Terms:****Amount:** Not to exceed \$1,085,270**Dates:** July 1, 2022, to June 30, 2023**Funding Source(s):** Cost reimbursable payments, as follows:

<b>Funding Source</b>	<b>Not to Exceed</b>
Title V Application Fees	\$153,669
Title V Emissions Fees	\$659,209
CAA §105 federal grant dollars	\$164,192
CAA §103 federal grant dollars	\$20,000
American Rescue Plan (ARP) CAA §103 federal grant dollars (one-time grant)	\$88,199

In addition, Polk County has agreed to a funding commitment of \$453,301 from local funding sources.

**Contract Purpose:** The parties propose to enter into this Contract to specify the extent and manner of cooperation between the two agencies in conducting programs for the abatement, control, and prevention of air pollution within Polk County. Particular emphasis is placed on fulfilling the requirements of the federal Clean Air Act Amendments of 1990 (CAAA) through the collection and assessment of information regarding air quality, the permitting of sources of air emissions, the enforcement of emission limits, and the attainment and maintenance of ambient air quality standards. Please see **Attachment A** for the proposed Contract's Summary of Obligations and **Attachment B** for the proposed Contract's programmatic budget.

**Contract Background:** Under Iowa Code §455B.134(11) and Iowa Code §455B.144 local political subdivisions are able to address air quality problems in their jurisdictions and can establish their own rules. Polk County had a local program, including ordinances and enforcement, in place prior to the DNR's delegation from EPA for an air program.

As specified in Iowa Code §455B.145 and 567 Iowa Administrative Code (IAC) Chapter 27, the Polk County Air Quality Division meets the conditions necessary to retain a local program. As established under the requirements of this Contract, the Polk County Air Quality Division is responsible for the ongoing implementation of an air program within their county.

**Selection Process Summary:** This Contract is authorized by 11 IAC section 118.4, which states that if another governmental entity has resources available to supply a service sought by a state agency, the state agency may enter into an intergovernmental agreement with the other governmental entity and is not required to use competitive selection.

**Contract History:** Records indicate that DNR has been contracting with Polk County for implementation of an air program within Polk County since at least 1992. The Contract is re-negotiated annually with Polk County to provide services that allow for the ongoing implementation of an air program.

In 2016, 567 IAC Chapter 30 established fee rules and required the establishment of a fee structure by the DNR. As in SFY 2022, applicants of Title V permits will be billed by the DNR at the rate established in the DNR fee schedule and Polk County will then be reimbursed by the DNR for their work on the project. Polk County has implemented their own fee structure for major and minor source construction permit applications; these fees are used by Polk County to assist with their required funding commitment.

A summary of the terms for the past three year's contracts with Polk County are, as follows:

**SFY 2022 Contract Terms:**

**Dates:** July 1, 2021, to June 30, 2022

**Amount:** \$993,334

**Amendment(s):** No amendments

**SFY 2021 Contract Terms:**

**Dates:** July 1, 2020, to June 30, 2021

**Amount:** \$895,752

**Amendment(s):** No amendments

**SFY 2020 Contract Terms:**

**Dates:** July 1, 2019, to June 30, 2020

**Amount:** \$876,511

**Amendment(s):** No amendments

Each year, if the DNR's air quality budget allows, Polk County may request a small increase (typically 2-3%) over the previous contract's funding amount for expected actual cost increases to administer Polk County's program. Other factors that contribute to variations in funding from year to year include ambient air monitoring (AAM) network equipment replacement and maintenance costs, AAM equipment vendor training requirements, and the number and complexity of both new and renewal Title V applications expected each year.

In SFY 2023, Polk County plans to allocate an additional 0.75 FTE to its air quality program for an expected influx of Title V Operating Permit applications and an increase in construction permit applications. Polk County will also receive one-time federal funding under the American Rescue Plan for AAM equipment. Additionally, funding for new AAM equipment that had been budgeted for 2022 is now being allocated to 2023 due to shipping delays for this equipment.

Christine Paulson, Environmental Specialist Senior, Air Quality Bureau  
Environmental Services Division  
June 21, 2022

### Attachment A (Polk County 2023 Summary of Obligations)

The following is a summary of the obligations the Local Program shall complete to meet tasks identified in the 2023 Contract. If tasks in Attachment A and the Special Conditions are inconsistent then the language of the Contract's Special Conditions shall take precedence.

Obligation	Reference	Task Milestone Date
<b>General Provisions</b>		
Personnel Commitment	5A.1(1)	Ongoing
Key Personnel	5A.1(2)	Ongoing
Training	5A.1(3)	Ongoing
Program Activity Summary	5A.1(4)(a)	Quarterly: October 31, 2022; January 31, 2023; May 1, 2023; and July 31, 2023
Training Summary	5A.1(4)(b)	Annually: July 31, 2023
Personnel Changes	5A.1(5)(a)	10 days from effective date
New Personnel Report	5A.1(5)(b)	10 days from start date
Fiscal Reporting	5A.2	Quarterly: October 31, 2022; January 31, 2023; May 1, 2023; and July 31, 2023
Seek Board Approval to Convene Fee Groups	5A.3(1)	October 1, 2022
Convene Fee Advisory Groups	5A.3(1)	Prior to January 17, 2023 (or as scheduled by the Local Program in February or March 2023)
Proposed Budget	5A.3(1)	January 17, 2023
Personnel Plan	5A.3(2)	January 17, 2023
Initial Contract Review	5A.3(3)	March 15, 2023
Final Contract Review	5A.3(4)	May 1, 2023
Website – Review & Update As Needed	5A.4(1)	Quarterly: October 31, 2022; January 31, 2023; May 1, 2023; and July 31, 2023
Rule Revision	5A.5	As agreed upon by parties
MBE/WBE	5A.6	Annually: October 31, 2022
Intergovernmental Cooperation	5A.7(1)-(11)	As specified in the Contract and as requested & agreed upon by parties
Attend Fee Advisory Groups	5A.7(8)	As scheduled by DNR
<b>Construction Permitting Provisions</b>		
Source Review	5B.1(1)	Ongoing
Permit Issuance	5B.1(2)	Ongoing
Draft Permit Review	5B.1(3)	Prior to Issuance
Permit Transfer	5B.1(4)	Upon Receipt
Permit Referrals	5B.1(5)	Upon Receipt
Permit Coordination	5B.1(6)	Ongoing
Regulatory Determination	5B.1(6)(d)	Prior to Final Determination
Pre-Application Meeting	5B.1(6)(e)	As scheduled by DNR
Permit Issuance	5B.1(6)(f)	After DNR Issuance of Permit
Permit/Modeling Procedure Utilization	5B.2	Ongoing
Excel Report	5B.3	Semi-Annual: January 31, 2023 and July 31, 2023
<b>Title V Permitting Provisions</b>		
Four (4) initial/renewal permits	5C.1(1)	June 30, 2023

Obligation	Reference	Task Milestone Date
<b>Title V Permitting Provisions (con't)</b>		
Issuance Schedule	5C.1(2)(a)	May 15, 2023
Completeness Determination	5C.2(1)	60 days after receipt
Denial of Permit Application	5C.2(2)(b)	As soon as possible
Application Processing	5C.2(2)	Ongoing
Permit Drafting Procedures	5C.3	Ongoing
Fact Sheet	5C.3(2)	Ongoing
Draft Permit Review	5C.3(3)	Prior to Facility Review
Permit Review by EPA	5C.4(1)	Start of Public Comment Period
Public Notice & Participation	5C.4(2)	Ongoing
Response to Comments	5C.4(2)(e)	Ongoing
Changes to Draft Permit	5C.5(1)	Ongoing
Proposed Final Title V to DNR	5C.5(2)	Ongoing
Final Title V Permit to EPA	5C.5(3)	Within 30 days DNR Issuance
Title V Renewals	5C.6	Ongoing
Reopening Issued Title V	5C.7	Ongoing
Permit Changes	5C.8	Ongoing
Status Reports	5C.9	Quarterly: October 31, 2022; January 31, 2023; May 1, 2023; and July 31, 2023
<b>Compliance Provisions</b>		
Compliance Activities	5D.1	Ongoing
Notice of Violation	5D.1(2)(a)-(b)	Within 60 days
Electronic Compliance Schedules	5D.1(3)	Ongoing
Minimum 1 Joint Stack Test	5D.2	June 30, 2023
Inspection Schedule	5D.3(1)	Ongoing
Joint Inspection Documents	5D.3(2)	Provided prior to each inspection
Joint Inspection Report	5D.3(2)	30 days following each
Variances	5D.4	Ongoing
Burn Permits	5D.4(1)	DNR copy at time of issuance
Training Fire Permits	5D.4(2)	DNR copy at time of issuance
CMS Plan	5D.5(1)	September 1, 2022
ICIS Reporting	5D.5(2)	15 days following reported month
Summary of Facility Actions	5D.5(2)	Quarterly: October 31, 2022; January 31, 2023; May 1, 2023; and July 31, 2023
Compliance Quarterly Report	5D.5(3)	Quarterly: October 31, 2022; January 31, 2023; May 1, 2023; and July 31, 2023
Emission Test Results	5D.6	Report to EPA (ICIS)
<b>Ambient Air Monitoring Provisions</b>		
Existing Network Operations	Table 2	Ongoing
Network Modifications	Table 3	As indicated in Table 3
Unscheduled Network Modifications	5E.1(1)(a)	Upon Request
Final Equipment List	5E.1(2)(a)	July 1, 2022
Vendor Training Selection	5E.1(3)	July 1, 2022
Monitoring Sites	5E.1(4)	Ongoing
Daily Polling	5E.1(5)	Ongoing
Real-time Monitoring	5E.1(6)	Ongoing

Obligation	Reference	Task Milestone Date
<b>Ambient Air Monitoring Provisions (con't)</b>		
Real-time Monitoring	5E.1(6)	Ongoing
High Concentration Reports	5E.1(6)	Ongoing
Quality System Implementation	5E.2(1)	Ongoing
Revised QA Documents	5E.2(2)	Within 40 working days
PSD Sites	5E.2(3)	Within 30 days of request
Annual Network/Quality Assurance Review	5E.2(5)	March 15, 2023
QA FTE Commitment	5E.2(6)	Ongoing
Coordination Meetings	5E.3(2)	Quarterly as scheduled
Equipment Inventory List	5E.3(3)	7 days after request
List of equipment to maintain & operate existing network	5E.3(4)(a)(1)	January 17, 2023
Equipment Replacement Schedule	5E.3(4)(a)(2)	January 17, 2023
List equipment to expand network (next Contract), or provide a written notice that no network expansion are planned.	5E.3(4)(b)	March 15, 2023
Network Modifications	5E.3(5)	Ongoing
Data Validation	5E.4(1)	Ongoing
Site Setup & Closure	5E.4(2)	Ongoing
AQS/PARS Data Submission	5E.4(3)	15 days following reported month
Data Screening	5E.4(4)	Ongoing
Monthly AQS Recordkeeping Requirements	5E.4(5)(a)	Monthly
Quarterly AQS Recordkeeping Requirements	5E.4(5)(b)	Quarterly
Toxics Monitoring	5E.4(6)	Ongoing
Exceedance Report	5E.5(1)	Immediate
Weekly Network Status Report	5E.5(2)	Weekly – 1 <sup>st</sup> working day
Monthly Continuous Monitor Report	5E.5(3)	15 working days following reported month
Monthly Report: SHL-PM FRM Monthly Report: SHL-Air Toxics	5E.5(4)	20 days after receipt from outside Contractor
Monthly Equipment Procurement Report	5E.5(5)	15 days following reported month
Quarterly Monitoring Report (Continuous)	5E.5(6)	Quarterly: October 31, 2022; January 31, 2023; May 1, 2023; and July 31, 2023
Computer audit (security and adequacy of backup)	5E.6(1)	September 1, 2022
<b>Monitoring and Review</b>		
Reporting Provisions	6.3	Ongoing
<b>Compensation</b>		
Invoice Submission	7.5	Quarterly: October 31, 2022; January 31, 2023; May 1, 2023; and July 31, 2023
Unmet Obligations	7.5(2)(a)	With Quarterly Invoice as Needed
Billable Hour Documentation	7.5(2)(b)	With Quarterly Invoice as Needed



## Attachment B (Polk 2023 Programmatic Budget)

Program			Funding Source								
	FTE	Total	County Annual Fee	County General/Enterprise Account	County Minor CP App Fee	County Major (non-PSD) CP App Fee	103	ARP 103	105	Title V EI Fee	Title V Application Fee
<b>Title V Operating Permits</b>											
Application Review & Permit Issuance	0.85	\$125,334									\$125,334
Management, Secretarial & Data Support	0.02	\$2,851									\$2,851
Travel/Training Staff FTE	0.12	\$16,254									\$16,254
Travel/Training		\$812									\$812
Supplies		\$1,091									\$1,091
Other		\$2,029									\$2,029
Indirect		\$5,299									\$5,299
<b>Title V Operating Permit Subtotal</b>	<b>0.99</b>	<b>\$153,669</b>									<b>\$153,669</b>
	FTE	Total	County Annual Fee	County General/Enterprise Account	County Minor CP App Fee	County Major (non-PSD) CP App Fee	103	ARP 103	105	Title V EI Fee	Title V Application Fee
<b>Major Source Construction Permitting</b>											
Application Review & Permit Issuance	0.25	\$33,498				\$33,498					
Modeling	0.01	\$1,143				\$1,143					
Management, Secretarial & Data Support	0.05	\$7,633				\$7,633					
Travel/Training Staff FTE	0.10	\$14,363				\$14,363					
Travel/Training		\$361				\$361					
Supplies		\$485				\$485					
Other		\$902				\$902					
Indirect		\$2,078				\$2,078					
<b>Major Source Construction Permitting Subtotal</b>	<b>0.41</b>	<b>\$60,463</b>				<b>\$60,463</b>					

## Attachment B (Polk 2023 Programmatic Budget)

Program				Funding Source							
	FTE	Total	County Annual Fee	County General/Enterprise Account	County Minor CP App Fee	County Major (non-PSD) CP App Fee	103	ARP 103	105	Title V EI Fee	Title V Application Fee
<b>Minor Source Construction Permitting</b>											
Application Review & Permit Issuance	0.80	\$99,464	\$65,647		\$33,818						
Modeling	0.02	\$2,286	\$1,509		\$777						
Management, Secretarial & Data Support	0.35	\$52,418	\$34,596		\$17,822						
Travel/Training Staff FTE	0.10	\$13,692	\$9,037		\$4,655						
Travel/Training		\$824	\$544		\$280						
Supplies		\$1,107	\$731		\$376						
Other		\$2,557	\$1,688		\$869						
Indirect		\$6,158	\$4,065		\$2,094						
<b>Minor Source Construction Permitting Subtotal</b>	<b>1.27</b>	<b>\$178,507</b>	<b>\$117,815</b>		<b>\$60,692</b>						
	FTE	Total	County Annual Fee	County General/Enterprise Account	County Minor CP App Fee	County Major (non-PSD) CP App Fee	103	ARP 103	105	Title V EI Fee	Title V Application Fee
<b>Core Program Activities</b>											
Program Development	0.68	\$90,845	\$3,432						\$23,821	\$63,591	
Compliance Assistance & Enforcement - Minor	0.66	\$65,883	\$4,029						\$61,854		
Compliance Assistance & Enforcement - Major	0.66	\$92,111	\$9,211							\$82,900	
Local Program Permits	0.75	\$104,381	\$104,381								
Management, Secretarial & Data Support	0.90	\$116,730	\$7,004						\$35,019	\$74,708	
Travel/Training Staff FTE	0.20	\$26,348	\$4,437						\$5,270	\$16,642	
Travel/Training		\$3,171	\$530						\$612	\$2,029	
Supplies		\$4,262	\$712						\$823	\$2,728	
Other		\$9,295	\$1,552						\$1,794	\$5,949	
Vehicle (local program funding only)		\$28,000	\$28,000							\$0	
Indirect		\$18,208	\$3,041						\$3,514	\$11,653	
<b>Core Program Activities Subtotal</b>	<b>3.85</b>	<b>\$559,235</b>	<b>\$166,328</b>						<b>\$132,707</b>	<b>\$260,200</b>	

## Attachment B (Polk 2023 Programmatic Budget)

Program			Funding Source								
	FTE	Total	County Annual Fee	County General/Enterprise Account	County Minor CP App Fee	County Major (non-PSD) CP App Fee	103	ARP 103	105	Title V EI Fee	Title V Application Fee
<b>Ambient Monitoring Activities</b>											
Ambient Monitoring Field Operations	2.40	\$261,401	\$17,285				\$20,000		\$13,547	\$210,570	
Quality Assurance	0.68	\$82,904	\$5,936						\$4,652	\$72,315	
Management, Secretarial & Data Support	0.10	\$11,215	\$803						\$629	\$9,783	
Travel/Training Staff FTE	0.05	\$5,819	\$417						\$327	\$5,076	
Travel/Training		\$2,832	\$203						\$159	\$2,470	
Supplies		\$3,305	\$237						\$185	\$2,883	
Other		\$5,217	\$374						\$293	\$4,551	
Indirect		\$13,257	\$949						\$744	\$11,563	
Equipment (Subtotal for items below & Existing Network O&M Table)		\$83,961	\$15,953						\$9,649	\$58,359	
ARP 103 One-Time Equipment Allocation		\$88,199						\$88,199			
Engineering, Scientific Equipment		\$64,088	\$12,882						\$8,106	\$43,100	
Repair, Maintenance of Equipment & Yearly Calibrations		\$24,580	\$4,424						\$2,566	\$17,589	
Data Processing Equipment		\$14,800	\$2,664						\$1,545	\$10,591	
Lab Supplies		\$2,581	\$465						\$269	\$1,847	
Site Needs (Misc. & Monitoring Utilities)		\$1,500	\$315						\$300	\$885	
Vendor Training		\$5,000	\$1,050						\$1,000	\$2,950	
One-Time Allocation		\$0	\$0						\$0	\$0	
Other		\$0	\$0						\$0	\$0	
<b>Ambient Monitoring Activities Subtotal</b>	<b>3.23</b>	<b>\$586,696</b>	<b>\$48,003</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,000</b>	<b>\$88,199</b>	<b>\$31,485</b>	<b>\$399,010</b>	
<b>Total Polk County Budget</b>	<b>9.75</b>	<b>\$1,538,571</b>	<b>\$332,146</b>	<b>\$0</b>	<b>\$60,692</b>	<b>\$60,463</b>	<b>\$20,000</b>	<b>\$88,199</b>	<b>\$164,192</b>	<b>\$659,209</b>	<b>\$153,669</b>

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

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ITEM #13

**DECISION**

**TOPIC**      **Contract with University of Iowa on behalf of the State Hygienic Laboratory:  
2023 SHL Services in Support of the DNR Air Quality Bureau**

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**Recommendations:**

Commission approval is requested for a one-year service Contract with the University of Iowa on behalf of the State Hygienic Laboratory. The Contract will begin on July 1, 2022, and terminate on June 30, 2023. The total amount of this Contract shall not exceed \$2,041,186.

**Funding Source:**

Funding for this Contract consists of Clean Air Act section 103 grant funds (\$435,103), air contaminant funds (\$1,241,139), and State "Environment First" HC2A funds (\$364,944).

**Background:**

Under Iowa Code section 455B.103, DNR has responsibility for conducting ambient air monitoring in the State of Iowa. SHL currently operates most of the ambient air monitoring sites in Iowa. SHL also provides analytical and technical support for ambient air monitoring activities throughout the state. It weighs particulate samples and performs analysis of air samples for many toxic compounds found in urban air. SHL also provides analysis of asbestos samples gathered by DNR inspectors. SHL conducts annual audits of SHL ambient air monitoring activities as well as those of the Polk and Linn County Local Programs. This Contract provides for a continuation of these essential services.

**Purpose:**

The parties propose to enter into this Contract for the purpose of retaining SHL to perform ambient monitoring and related services in support of the DNR Air Quality Bureau.

**Contractor Selection Process:**

DNR is allowed to contract with the University of Iowa pursuant to Iowa Code section 455B.103. SHL has considerable experience in regulatory ambient air monitoring.

**Contract History:**

DNR has contracted with the University of Iowa for ambient air monitoring services for over thirty years. This Contract represents ongoing services provided by SHL to the DNR Air Quality Bureau and is renegotiated annually. The last Contract total was \$1,863,669. The increase in the 2023 contract amount is attributable to SHL salary/fringe increases and an additional field position.

Brian Hutchins  
Environmental Program Supervisor  
Air Quality Bureau, Environmental Services Division  
June 21, 2022

**Attachment(s):** Special Conditions of the Contract (with Appendices)

## SECTION 5 STATEMENT OF WORK

**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
<b>Task 1:</b> Provide trained staff to operate the Ambient Monitoring Network described in Appendix A with modifications described in Appendix B, and to perform additional duties as described in Appendices C-O.	See Appendix D
<b>Task 2:</b> Procure supplies and incur other operational costs as necessary for continued operation of the Ambient Monitoring Network and to carry out additional duties as described in Appendices C-O.	Appendix D
<b>Task 3:</b> Upgrade outdated or damaged capital equipment (equipment with a unit cost exceeding \$5,000) for use in the Ambient Monitoring Network as directed by DNR. Capital equipment shall be subject to the inventory and disposal requirements described in Appendix G.	Appendix D
<b>Task 4:</b> Purchase two vehicles to add to the Air Monitoring Fleet. The air monitoring fleet shall be maintained as described in Appendix H and vehicles shall be included in the equipment inventory described in Appendix G	Appendix D
<b>Task 5:</b> Provide training for ambient monitoring staff to perform tasks in the Ambient Monitoring Network. Training costs shall include vendor training hosted by SHL or costs associated with staff participation in out of town training or conferences.	Appendix D
<b>Task 6:</b> Analyze air toxics samples in support of the Air Monitoring Network. This activity shall be funded solely by the cost of each sample analyzed as specified in Appendix M.	Appendix D
<b>Task 7:</b> Analyze lead samples in support of the Air Monitoring Network. This activity shall be funded solely by the cost of each sample analyzed as specified in Appendix N.	Appendix D
<b>Task 8:</b> Analyze asbestos samples provided by the DNR. This activity shall be funded solely by the cost of each sample analyzed as specified in Appendix O.	Appendix D
<b>Task 9:</b> Hire, manage and train filter collectors in support of the Ambient Network as specified in Appendix P.	Appendix D

Task	Variable Payment Agreement Estimate	Task Milestone Date	Invoice Due No Later Than:
Task 1: Ambient Monitoring Network-Staff	\$1,332,580	See App. D	See 7.3.2
Task 2: Ambient Monitoring Network-Supplies	\$295,000	App. D	7.3.2
Task 3: Capital Equipment	\$110,000	App. D	7.3.2
Task 4: Vehicles	\$60,000	App. D	7.3.2
Task 5: Training	\$23,000	App. D	7.3.2
Task 6: Air Toxics Analysis	\$24,000	App. D	7.3.2
Task 7: Lead Analysis	\$0	App. D	7.3.2
Task 8: Asbestos Analysis	\$8,000	App. D	7.3.2
Task 9: Filter Collection	\$50,000	App. D	7.3.2
Facilities and Administrative Costs @ 8%	\$138,606	-	-
Total Not to exceed:	\$2,041,186	-	-

## APPENDICES

## APPENDIX A EXISTING AMBIENT AIR MONITORING NETWORK (7/1/22)

AQS ID	Site	Parameter	Sampling Frequency
190130009	Waterloo-Water Tower	PM2.5 (FRM) PM2.5 BAM - Primary PM2.5 BAM - Secondary PurpleAir - Primary PurpleAir - Secondary MET*	Every 3 <sup>rd</sup> Day Continuous Continuous Continuous Continuous Continuous
190170011	Waverly-Waverly Airport	Ozone - Primary Ozone - Secondary MET	Continuous Continuous Continuous
190330018	Mason City-Holcim Cement	PM10 (FRM) - Primary PM10 (FRM) - Secondary	Every 3 <sup>rd</sup> Day Every 6 <sup>th</sup> Day
190450019	Clinton-Chancy Park	PM2.5 (FRM) Toxics (TO-11A)  SO2 PM2.5 T640 - Primary PM2.5 T640 - Secondary PurpleAir - Primary PurpleAir - Secondary MET**	Daily Every 6 <sup>th</sup> Day Inside Ozone Season, Every 12 <sup>th</sup> Day Outside Ozone Season Continuous Continuous Continuous Continuous Continuous Continuous
190450021	Clinton-Rainbow Park	PM2.5 (FRM) Ozone - Primary Ozone - Secondary MET*	Every 3 <sup>rd</sup> Day Continuous Continuous Continuous
190850007	Pisgah-Forestry Office	Ozone - Primary Ozone - Secondary MET	Continuous Continuous Continuous
191032001	Iowa City-Hoover School	PM2.5 (FRM) PM2.5 T640 - Primary PM2.5 T640 - Secondary PurpleAir - Primary PurpleAir - Secondary MET**	Daily Continuous Continuous Continuous Continuous Continuous
191110008	Keokuk-Fire Station	PM2.5 (FRM)	Every 3 <sup>rd</sup> Day
191370002	Viking Lake State Park	PM2.5 (FRM) IMPROVE Speciation PM2.5 BAM - Primary PM2.5 BAM - Secondary PurpleAir - Primary PurpleAir - Secondary Ozone - Primary Ozone - Secondary MET**	Every 3 <sup>rd</sup> Day Every 3 <sup>rd</sup> Day Continuous Continuous Continuous Continuous Continuous Continuous Continuous

AQS ID	Site	Parameter	Sampling Frequency
191390015	Muscatine-Muscatine HS E. Campus Rooftop	PM2.5 (FRM) - Primary PM2.5 (FRM) - Secondary PM10 (FRM) PurpleAir - Primary PurpleAir - Secondary	Daily Every 6 <sup>th</sup> Day Every 3 <sup>rd</sup> Day Continuous Continuous
191390016	Muscatine-Greenwood Cemetery	PM2.5 (FRM) SO2 MET	Every 3 <sup>rd</sup> Day Continuous Continuous
191390019	Muscatine-Muscatine HS E. Campus Trailer	PM2.5 BAM - Primary PM2.5 BAM - Secondary SO2 MET*	Continuous Continuous Continuous Continuous
191390020	Muscatine-Musser Park	PM2.5 (FRM) Toxics (TO-11A)  SO2 MET	Every 3 <sup>rd</sup> Day Every 6 <sup>th</sup> Day Inside Ozone Season, Every 12 <sup>th</sup> Day Outside Ozone Season Continuous Continuous
191471002	Emmetsburg-Iowa Lakes Community College	PM2.5 (FRM) PM2.5 BAM - Primary PM2.5 BAM - Secondary PurpleAir - Primary PurpleAir - Secondary Ozone - Primary Ozone - Secondary MET*	Every 3 <sup>rd</sup> Day Continuous Continuous Continuous Continuous Continuous Continuous Continuous
191550009	Council Bluffs-Franklin School	PM2.5 (FRM) - Primary PM2.5 (FRM) - Secondary PM10 (FRM)	Every 3 <sup>rd</sup> Day Every 6 <sup>th</sup> Day Every 3 <sup>rd</sup> Day
191550011	Council Bluffs-Griffin Pipe	Lead -TSP (FRM) - Primary Lead-TSP (FRM) - Secondary	Every 6 <sup>th</sup> Day Every 6 <sup>th</sup> Day
191630014	Scott County Park	Ozone - Primary Ozone - Secondary MET	Continuous Continuous Continuous
191630015	Davenport-Jefferson School	PM2.5 (FRM) - Primary PM2.5 (FRM) - Secondary PM10 (FRM) - Primary PM10 (FRM) - Secondary PM2.5 Speciation Toxics (TO-11A)  Ozone - Primary Ozone - Secondary SO2 CO NOy PM2.5 T640 - Primary PM2.5 T640 - Secondary PurpleAir - Primary PurpleAir - Secondary Heated Plantower - Primary Heated Plantower - Secondary MET**	Daily Every 6 <sup>th</sup> Day Every 3 <sup>rd</sup> Day Every 6 <sup>th</sup> Day Every 3 <sup>rd</sup> Day Every 6 <sup>th</sup> Day Inside Ozone Season, Every 12 <sup>th</sup> Day Outside Ozone Season Continuous Continuous Continuous Continuous Continuous Continuous Continuous Continuous Continuous Continuous Continuous

AQS ID	Site	Parameter	Sampling Frequency
191630017	Buffalo-Linwood Mining	PM10 (FRM) PM10 BAM - Primary PM10 BAM - Secondary MET*	Daily Continuous Continuous Continuous
191630020	Davenport-Hayes Elementary	PM2.5 (FRM) PurpleAir - Primary PurpleAir - Secondary	Every 3 <sup>rd</sup> Day Continuous Continuous
191770006	Lake Sugema	PM2.5 (FRM) PM10 (FRM) IMPROVE Speciation PM2.5 BAM - Primary PM2.5 BAM - Secondary PurpleAir - Primary PurpleAir - Secondary Ozone - Primary Ozone - Secondary SO2 NO2 MET**	Every 3 <sup>rd</sup> Day Every 3 <sup>rd</sup> Day Every 3 <sup>rd</sup> Day Continuous Continuous Continuous Continuous Continuous Continuous Continuous Continuous Continuous Continuous
191930021	Sioux City-Irving School	PM2.5 (FRM) PurpleAir - Primary PurpleAir - Secondary	Every 3 <sup>rd</sup> Day Continuous Continuous

**MET\*\* indicates wind speed and direction, as well as ambient temperature, pressure, and relative humidity**

**MET\* indicates wind speed and direction as well as ambient temperature, and pressure**

**MET indicates wind speed and direction only**



**APPENDIX B      AMBIENT MONITORING NETWORK MODIFICATIONS****Monitors to be Added**

<b>AQS ID</b>	<b>Site</b>	<b>Parameter</b>	<b>Sampling Frequency</b>
191110008	Keokuk-Fire Station	PurpleAir - Primary PurpleAir - Secondary	Continuous Continuous
191550009	Council Bluffs-Franklin School	PurpleAir - Primary PurpleAir - Secondary	Continuous Continuous

**Monitors to be Removed**

<b>AQS ID</b>	<b>Site</b>	<b>Parameter</b>	<b>Sampling Frequency</b>
191630015	Davenport-Jefferson School	Heated Plantower - Primary Heated Plantower - Secondary	Continuous Continuous

**APPENDIX C SPECIAL PROJECTS**

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SHL shall complete the following special projects:

**New Monitoring Sites.** SHL shall install new monitoring sites and discontinue sites or monitors as indicated below and in Appendix B.

**Sensor testing.** As directed by DNR, SHL shall test sensors for comparability with regulatory monitors. SHL shall:

- insure that these comparability studies do not compromise the data quality from SHL's regulatory monitors;
- monitor sensor data on a daily basis and promptly replace or repair malfunctioning sensors;
- stock adequate backup sensors in order to promptly replace malfunctioning sensors;
- provide monthly and quarterly reports containing data capture rates, installation, repair and removal dates and other data quality metrics for all sensors;
- utilize the Thingspeak Internet of Things (IOT) server to store and provide real-time access to sensor data during the comparability study;
- archive all hourly average sensor data once the comparability study is complete, or before it is removed by Thingspeak;
- coordinate any sensor deployments with DNR to ensure that appropriate data quality objectives (including calibration requirements) for sensors have been established before public reporting of the data has been initiated.

**Addition of new PurpleAir monitors.** By October 1, SHL shall add collocated PurpleAir monitors at the Keokuk and Council Bluffs (Franklin School) monitoring sites.

**Removal of Heated Plantower monitors.** By January 1, SHL shall remove the collocated Heated Plantower monitors at the Davenport (Jefferson School) monitoring site.

**Install Nafion Dryers.** By March 1, SHL shall install Nafion Dryers at all ozone sites.

**Datalogger Upgrade.** By June 30, SHL shall install new dataloggers (ESC 8864) at 15 sites. (Waterloo, Waverly, Clinton (2), Pisgah, Iowa City, Viking Lake, Muscatine (3), Emmetsburg, Scott County Park, Davenport, Buffalo, Lake Sugema)

**NOy Upgrade.** By June 30, SHL shall install a new Thermo 42i NOy monitor at the Davenport (Jefferson School) site.

**Calibrator Upgrade.** By June 30, SHL shall install a Thermo 146iQ Calibrator with GPT at the Davenport (Jefferson School) site.

**Met One BAM 1020 Upgrade.** By June 30, SHL shall install new Met One BAM 1020 monitors at Muscatine HS, Buffalo, and Viking Lake.

**APPENDIX D OBLIGATIONS AND MILESTONES**

Obligation	Task Milestone Date
Monitoring Network Expenses	30th day after the end of the calendar month
QAPP/SOP's for New Equipment	60 days following receipt and before deployment
QAPP/SOP Revision submittal to DNR	30 days following notification by EPA, DNR
QAPP/SOP Revision submittal to DNR	30 days following promulgation of new rules or procedures by EPA (as requested in writing by DNR)
Copy of all Proposed QAPP/SOP Revisions to DNR	at least 30 days before proposed implementation date
Submission of Annual Network/Quality Assurance Review	15-Mar
Polk/Linn County QA Audit Complete Questionnaire	15-Mar
Polk/Linn County QA Audit Written Report of findings (hard copy and electronic)	1-Apr
PSD Monitoring Sites QAPP Review	within 30 days following DNR's written request
PSD Monitoring Sites Site Audits	on the quarterly monitoring schedule
PSD Monitoring Sites Site Audit Report	two weeks after site audit data received
PSD Monitoring Sites Data Review	within 30 days following DNR's written request
Sampling Frequency Change	within 30 days following DNR's written request
Review Meetings	Quarterly
Network Planning Report	15-Feb
Purchase of New Vehicles (2)	1-May
Email Notice of AQS Site/Monitor Changes	whenever database modifications are made
AQS/PARS Data Upload (Continuous Monitors)	15th of the month following the month of data collection
AQS/PARS Data Upload (Gravimetric Filters)	within 30 days of the end of the month of data collection
AQS/PARS Data Upload (toxics)	within 45 days of the end of the month of data collection (goal)
PM2.5 Gravimetric Results to Local Programs	within 30 days of the end of the month of data collection
Upload of SHL lead data	within 45 days of the end of the month of data collection
Email Notice of Monthly AQS Upload w/ Screening File and Error Reports	after monthly data has been uploaded
Backlog Report	after monthly data has been uploaded
Report of NAAQS Exceedance, Episode, or Threshold Exceedance	immediately, with written follow-up
Weekly Network Status Report	1st workday of each week

Obligation	Task Milestone Date
Monthly Monitoring Report	within 50 days of the end of each month
Quarterly Monitoring Report	within 50 days of the end of each quarter
Inventory Report	within 7 days of request
Survey or Passive Sampling Performed	within 30 days of request
Survey Sampling Report to DNR	within 30 days of analysis
Computer Security (including Data Acquisition Software)	1-Aug
Add collocated PurpleAir monitors at the Keokuk and Council Bluffs (Franklin School) sites	1-Oct
Remove collocated Heated Plantower monitors at the Davenport (Jefferson School) site	1-Jan
Install Nafion Dryers at all ozone sites.	1-March
Install new dataloggers at 15 sites.	30-June
Install Thermo 42i NO <sub>y</sub> monitor at Davenport (Jefferson School) site.	30-June
Install Thermo 146iQ Calibrator with GPT at Davenport (Jefferson School) site.	30-June
Install new Met One BAM 1020s at Muscatine HS, Buffalo, and Viking Lake.	30-June

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

ITEM #14

DECISION

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

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

**Contract Terms:**

**Amount:** Not to exceed \$233,827

**Dates:** July 1, 2022 to June 30, 2025.

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

**Funding Source(s):** U. S. Environmental Protection Agency (EPA) Clean Water Act (CWA) Section 319 funds.

**Statutory Authority:** EPA Section 319 and Iowa Code section 455B.103.

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

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

**Contract Purpose:** The purpose of this Contract is to designate CWA Section 319 funding to support this Project. This Contract will work to carry out the goals of the Yellow River Headwaters Watershed Management Plan (2012) for the stated Contract term. Other funding partners are identified below.

**Statement of Work/Task:**

**Task 1:** Provide Project Coordinator

**Task 2:** Submit to DNR the Annual Work Plan and Budget

**Task 3:** Carry Out Project Activities in the Project Workplan

**Task 4:** Provide Quarterly Financial Report

**Task 5:** Provide Quarterly Progress Report

**Task 6:** Submit Annual Report

**Task 7:** Submit Final Project Report

**Selection Process Summary:** Statute or federal grant contracting with IDALS is authorized by 11 IAC 117.5(5) and 118.7, which allows for agreements with entities without competition when the law or federal grant requires them. In addition, intergovernmental contracting with IDALS is authorized under 11 IAC 118.4. Contracts with 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:**

The DNR has contracted with IDALS to administer CWA Section 319-funded watershed projects since the early 1990s. The purpose of the contracts with IDALS is to provide funds and project management support to IDALS, which then enters into subsequent agreements with soil and water conservation districts to implement the specific watershed implementation project activities.

Contracts for watershed projects overlap to enable project work to continue without interruption, as new contracts are executed with each new CWA Section 319 grant award. In this manner, project coordinators who work with farmers and landowners to implement conservation practices within watersheds can do so continuously between contracts. Projects typically spend their oldest contract dollars first before utilizing new contract funds.

Below is a list of contracts with IDALS over the previous five years that support this Project:

**Contract #1:** Yellow River Headwaters Implementation Grant (2015)–16ESDWQBKAMEN-0005: 9/1/2015-6/30/2019, \$605,430

**Contract #2:** Yellow River Headwaters Implementation Grant (2018)–18ESDWQBSKONR-0003: 8/1/2018-8/31/2021, \$89,387

**Contract #3:** Yellow River Headwaters Implementation Grant (2019)–20ESDWQBSKONR-0008: 12/17/2019-8/31/2022, \$228,125

**Contract #4:** Yellow River Headwaters Implementation Grant (2020)- 22ESDWQBJBALK-0001: 10/1/2021-12/30/2023, \$100,000

**Partnerships Summary:**

The DNR's primary funding partnerships for this Contract include:

- IDALS Division of Soil Conservation and Water Quality
- Allamakee Soil and Water Conservation District
- Winneshiek Soil and Water Conservation District
- US Department of Agriculture Farm Service Agency and Natural Resources Conservation Service
- EPA
- Participating landowners of the Yellow River Headwaters Watershed

Miranda Haes, Northeast Iowa Basin Coordinator, Water Quality Improvement Section

Environmental Services Division

May 19, 2022

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

**Item #15****Decision Item**

**Commission approval is requested for a contract with** the Little Sioux Headwaters Coalition (LSHC), a registered 28E Agreement intergovernmental entity of the State of Iowa. The fiscal agent for this contract will be Dickinson County, Iowa.

**Contract Terms:**

**Amount:** Not to exceed \$100,000

**Dates:** July 1, 2022 to December 31, 2023.

**Funding Source(s):** \$50,000 from U.S. EPA Section 319 Grant Number 00740428 and \$50,000 from Section 604(b) Grant Number 00746628.

**Statutory Authority:** Funds are administered by DNR under statutory authority granted by Iowa Code section 455B.103 and under 11 IAC 118.4.

**Background:**

A competitive grant offering for funding assistance for watershed planning took place November – December 2021. The deadline for applications was December 30, 2021. The total available funding amount was \$200,000. Applicants were limited to the pool of twenty-seven active Watershed Management Authorities. The DNR received an application from the LSHC and one other application. Both applications requested \$100,000. After review, it was determined that both applications were eligible to receive the grant funding.

**Contract Purpose:** The purpose of this contract is to designate DNR Section 319 and 604(b) grant funding to support the creation of a Water Quality and Comprehensive Watershed Management Plan for LSHC. This contract will work to carry out the goals of LSHC's watershed planning proposal submitted in its grant application.

**Contract History:**

- None

**Proposal Summary:** DNR funding support will allow the LSHC to complete the following items:

- Item 1 – Stakeholder Process: Development of a planning process driven by stakeholder involvement and an established open line of communication between key groups.
- Item 2 - Review Existing Studies and Future Land Use Plans: Build on existing plans to garner quick buy-in from stakeholders and expeditiously complete a watershed baseline.
- Item 3 - Watershed Resource Inventory and Assessment of Issues: Conduct a watershed resource inventory to provide a deeper understanding of the watershed, including but not limited to pollutant sources.
- Item 4 – Water Quality and Comprehensive Watershed Management Plan: Utilize completed assessments to create a plan that details short-term and long-term priorities to meet watershed needs.
- Item 5 - Education Plan: Develop an education plan with watershed stakeholders to provide a framework for future implementation efforts.
- Item 6 - Final Plan: Prepare a document that outlines the planning process, summary of watershed assessment and data, and implementation guidance.

Initial activities will involve the creation of a Watershed Planning Technical Advisory Committee with local DNR staff member stakeholders along with other stakeholders identified in Item 1. The LSHC expects to use contract funds on contractual services that will assist in the completion of the watershed management plan in the form of a watershed planning consultant or similar.

**Statement of Work:**

- Task 1. **Form Technical Advisory Committee** – LSHC shall work with identified partner entities and local stakeholders to develop a Watershed Planning Technical Advisory Committee (TAC). The DNR will have a minimum of two staff members on this committee, with a preference for local staff involvement of the District Fisheries Biologist and District Wildlife Biologist. **Timeframe** - the TAC shall be formed and have held at least one meeting no later than the first full quarterly reporting period, 10/15/2022.
- Task 2. **Develop the Plan** - LHSC shall produce and deliver to the DNR a Water Quality and Comprehensive Watershed Management Plan (Plan) that includes Smart Planning principles. The Plan will include an Executive Summary and complete and thorough details involving Physical Environment Inventory, Assessment of Issues, Goals, Objectives and Actions. **Timeframe** – The Plan will be completed no later than 10/2/2023 to allow for DNR review and revisions as needed.
- Task 3. **Regular Status Updates** – LHSC shall provide quarterly updates to DNR on the usage of funds, progress towards completion of tasks, and any deviations to established workplans required to complete work or deal with obstacles. **Timeframe** – Each full quarter of the contract period.
- Task 4. **Final Narrative Report** – LHSC shall complete a separate final report, in addition to the completed Plan, to DNR that satisfies all reporting requirements of DNR and U.S. EPA partners. **Timeframe** – Draft due 45 days prior to the end of the contract.

**Budget:**

<b>Task Milestone Date</b>	<b>Amount of Compensation Allotted to Task</b>
<b>Task 1:</b> Form Technical Advisory Committee	Not to exceed \$0
<b>Task 2:</b> Develop the Plan	Not to exceed \$80,000
<b>Task 3:</b> Regular Status Updates	Not to exceed \$10,000
<b>Task 4:</b> Final Narrative Report	Not to exceed \$10,000
<b>Total</b>	Not to exceed \$100,000

Steve Konrady, Water Quality Bureau  
 Environmental Services Division  
 June 21, 2022



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

ITEM #16

DECISION

**Commission approval is requested for a contract with** the Shell Rock River Watershed Management Coalition (SRRWMC), a registered 28E Agreement intergovernmental entity of the State of Iowa. The fiscal agent for this contract will be Butler County.

**Contract Terms:**

**Amount:** Not to exceed \$100,000

**Dates:** July 1, 2022 to December 31, 2023.

**Funding Source(s):** \$50,000 from U.S. EPA Section 319 Grant Number 00740428 and \$50,000 from Section 604(b) Grant Number 00746628.

**Statutory Authority:** Funds are administered by DNR under statutory authority granted by Iowa Code section 455B.103 and under 11 IAC 118.4.

**Background:**

A competitive grant offering for funding assistance for watershed planning took place November – December 2021. The deadline for applications was December 30, 2021. The total available funding amount was \$200,000. Applicants were limited to the pool of twenty-seven active Watershed Management Authorities. The DNR received an application from the SRRWMC and one other application. Both applications requested \$100,000. After review, it was determined that both applications were eligible to receive the grant funding.

**Contract Purpose:** The purpose of this contract is to designate DNR Section 319 and 604(b) grant funding to support the creation of a Water Quality and Comprehensive Watershed Management Plan (Watershed Plan) for SRRWMC. This contract will work to carry out the goals of SRRWMC's watershed planning proposal submitted in its grant application.

**Contract History:**

- None

**Proposal Summary:** The SRRWMC will develop the Watershed Plan. The planning process will reference and help fulfill goals and objectives from the Iowa Nonpoint Source Management Plan and incorporate Iowa Smart Planning Principles.

The SRRWMC's main objective through this contract is to secure and hire an experienced watershed-planning consultant to produce the Watershed Plan. Once produced and with guidance from the consultant, the executive committee will produce a Priority Environmental Project Action Plan (Project Plan) to submit to the Butler County Conservation Board. Priority projects detailed in the Project Plan will commence upon board approval and funding of the Project Plan.

The Watershed Plan will also specifically address concerns identified through the planning process.

**Statement of Work:**

Task 1. **Develop the Plan** – SRRWMC shall produce and deliver to the DNR a Watershed Plan that includes Smart Planning principles. The plan will include an Executive Summary and complete and thorough details involving Physical Environment Inventory, Assessment of Issues, Goals, Objectives and Actions. **Timeframe** – The Watershed Plan document will be completed no later than 10/2/2023 to allow for DNR review and revisions as needed.

Task 2. **Regular Status Updates** – SRRWMC shall produce and provide the DNR with written quarterly status reports describing and updating grant implementation schedules, milestones and their completion, utilization of

awarded funds and any deviations and / or additions to the schedule. **Timeframe** – Each full quarter of the contract period

Task 3. **Final Narrative Report** – SRRWMC shall complete a separate final report, in addition to the completed Watershed Plan, to DNR that satisfies all reporting requirements of DNR and U.S. EPA partners. **Timeframe** – Draft due 45 days prior to the end of the contract

**Budget:**

<b>Task Milestone Date</b>	<b>Amount of Compensation Allotted to Task</b>
<b>Task 1:</b> Develop the Plan	Not to exceed \$80,000
<b>Task 2:</b> Regular Status Updates	Not to exceed \$10,000
<b>Task 3:</b> Final Narrative Report	Not to exceed \$10,000
<b>Total</b>	Not to exceed \$100,000

Steve Konrady, Water Quality Bureau  
Environmental Services Division  
June 21, 2022

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

ITEM #17

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 \$318,979.80

**Dates:** July 1, 2022 – June 30, 2023

**Funding Source(s):** Laboratory certification fees per 567 Iowa Administrative Code (IAC) section 83.3. The fees paid by laboratories support 100% of the cost of the Contract.

**Statutory Authority:** Iowa Code Section 455B.103(3).

**Contract Background:** The parties have entered into this Contract to retain the Contractor to determine the qualification of laboratories requesting environmental laboratory certification for the analysis of compliance samples required by the DNR. This Contract is entered into according to the provisions of Iowa Code Section 455B.103(3), and the provisions of 567 IAC Chapter 83 – Laboratory Certification.

**Contract Purpose:** The DNR is entering into this Contract with SHL to perform the duties specified in 567 IAC Chapter 83. SHL is the state environmental and public health laboratory, and possesses the required expertise to conduct this program. In consultation with DNR, SHL will be responsible for conducting on-site audits, reviewing required documents from laboratories, preparing audit and certification documents, providing technical assistance to laboratories, conducting an annual laboratory symposium, and conducting various training courses.

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

**Contract History:**

<b>Contract</b>	<b>Amount</b>
15ESDWQBKLee0001	\$300,000
• Amendment-01	\$0 (Task Change)
• Amendment-02	\$300,000
• Amendment-03	\$264,665
• Amendment-04	\$150,000
<b>Total</b>	<b>\$1,014,665</b>
21ESDWQBKLee-0001	\$363,355.20
23ESDWQBKLee-0001	\$318,979.80
<b>Grand Total</b>	<b>\$1,697,000.00</b>

The fee schedule was revised in SFY 2021 to reflect the actual cost of the laboratory certification program. Previously, the compensation was based on a percentage of fees collected, which did not fully fund the program. The contract for SFY 2023 has increased substantially due to phased retirements and the anticipated hiring of a new fulltime position by SHL. This accounts for the variable costs in Task 4 of the Contract.

Task	Total amount of compensation allotted to Task	Task Milestone Date
<b>Task 1: Certification of the State Hygienic Laboratory</b>	N/C	Every two years based on the Iowa certification date
<b>Task 2: Administrative Functions</b>	\$1000.00	Final item due 5 business days following the quarterly meeting.
<b>Task 3: Applications</b>	\$1000.00	Ongoing – Issue new application packets 120 days prior to expiration
<b>Task 4: On-site Audits &amp; Recommendations</b>	Variable - \$43,042.52 to \$70,837.92 per quarter dependent on staffing costs.	Ongoing - Conduct On-site audit within 90 days after receipt of a complete application and payment of fees.
<b>Task 5: Tracking Proficiency Testing Reports</b>	\$1000.00	Ongoing
<b>Task 6: Annual Laboratory Symposium and Training Courses</b>	N/C	Annually
<b>Task 7: Laboratory Investigations</b>	N/C	Ongoing
<b>Task 8: Communication</b>	N/C	Ongoing

### Quarterly Cost Summary

Task Number & Description	Table A – 2.4 FTE	Table B – 3.05 FTE
2 – Admin Functions	\$1000.00	\$1000.00
3 – Applications	\$1000.00	\$1000.00
4 – Onsite Audits	\$43,042.52	\$70,837.92
5 – PT Tracking	\$1000.00	\$1000.00
Task Totals	\$46,042.52	\$73,837.92
SHL Facilities and Administrative Costs @ 8%	\$3683.40	\$5907.03
<b>Total Quarterly Cost</b>	<b>\$49,725.92</b>	<b>\$79,744.95</b>

Kathleen Lee, Environmental Specialist Senior, Water Quality Bureau  
Environmental Services Division  
June 21, 2022

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

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<b>ITEM</b>	<b>#18</b>	<b>DECISION</b>
<b>TOPIC</b>	<b>Clean Water and Drinking Water State Revolving Loan Fund – FY 2023 Intended Use Plan</b>	

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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 Plans (IUP) for FY 2023 (July 1, 2022 – June 30, 2023).

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

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

Federal regulations require the State to prepare a plan identifying the intended uses of the funds in the SRF and describing how those uses support the goals of the SRF. These IUPs are published annually and also include project priority lists, financial management strategies, discussion of set-aside programs and efforts, and planned uses for administrative accounts. These IUPs are then updated quarterly and include an analysis of current and projected finances, the project priority lists, and any necessary programmatic updates.

Each draft IUP is released for public comment and review, and then presented for approval to the Commission. A public meeting was held via conference call on May 12, 2022 to receive comments. There were three attendees. A public comment was made for the record but no changes were implemented in the IUP as a result of the comment. The written comment period closed on May 19, 2022. There were no written comments received.

A summary of the new projects added to the project priority lists are as follows:

(6) CWSRF Planning & Design Loan applications	(totaling \$14,604,482)
(10) CWSRF IUP applications for construction projects	(totaling \$32,932,800)
(4) DWSRF Planning & Design Loan applications	(totaling \$1,611,300)

(8) DWSRF IUP applications for construction projects (totaling \$13,364,500)

The annual CWSRF plan also includes the funding recommendations for this year's Sponsored Project Program in *Appendix D* for a total of \$3,801,000 (4 projects).

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

Plans for implementing the Bipartisan Infrastructure Law (BIL) funding, also known as the Infrastructure Investment and Jobs Act (IIJA), are not covered in this annual release of the Intended Use Plan but will be implemented in future quarterly updates to the DWSRF and CWSRF Intended Use Plans.

Theresa Enright, DNR SRF Coordinator  
May 31, 2022

Project Name	DWSRF No.	Project Description	IUP Yr	Quarter	Project Categories	Priority Points	Population	Project Status	Original IUP Funding Request (estimate)	Current Funding Request	Date Loan Signed	Loan Amount	Remaining Amount on IUP	Loan Forgiveness
Yale	PD-DW-23-10	P&D for Construction of New Well & Backwash Holding Pond	2023	1	P&D	P&D	267	P	\$ 70,700.00	\$ 70,700.00				
Madrid	PD-DW-23-09	P&D for Water Main Replacement	2023	1	P&D	P&D	2802	P	\$ 245,000.00	\$ 245,000.00				
Bondurant	PD-DW-23-08	P&D for New Water Tower	2023	1	P&D	P&D	7500	P	\$ 1,205,600.00	\$ 1,205,600.00				
Sumner	PD-DW-23-03	P&D for Water Main Installation	2023	1	P&D	P&D	2175	P	\$ 90,000.00	\$ 90,000.00				
Mallard	FS-74-23-DWSRF-003	Water System Improvements - Connection Fee Only	2023	1	A, C, E	70	277	P	\$ 1,740,000.00	\$ 1,740,000.00				
Rock Rapids	FS-60-23-DWSRF-006	Lewis & Clark Service Connection Phase 3	2023	1	B, C, D, E	60	2611	P	\$ 1,507,500.00	\$ 1,507,500.00				
Remsen	FS-75-23-DWSRF-005	New R/O Treatment Plant	2023	1	B, C, E	55	1678	P	\$ 7,035,000.00	\$ 7,035,000.00				
Yale	FS-39-23-DWSRF-008	New Well	2023	1	B, C, E	40	267	P	\$ 400,000.00	\$ 400,000.00				
Aurelia	FS-18-23-DWSRF-001	Water Main Replacement	2023	1	B, C, E	40	1036	P	\$ 551,000.00	\$ 551,000.00				
Spillville	FS-96-23-DWSRF-007	New Booster Station and Ground Storage Reservoir	2023	1	B, E	30	385	P	\$ 1,176,000.00	\$ 1,176,000.00				
Mount Vernon	FS-57-23-DWSRF-004	Water meter replacement	2023	1	B, E	30	4527	P	\$ 905,000.00	\$ 905,000.00				
Auburn	FS-81-23-DWSRF-001	Water Treatment Plant Filter Replacement	2023	1	B, E	25	315	P	\$ 50,000.00	\$ 50,000.00				
Ankeny	FS-77-22-DWSRF-030	Water Distribution System Improvements	2022	4	B	20	67900	P	\$ 4,809,000.00	\$ 4,809,000.00				
Pocahontas	FS-76-22-DWSRF-038	Water System Improvements	2022	4	B, E	25	6267	P	\$ 2,825,000.00	\$ 2,825,000.00				
Burt	FS-55-22-DWSRF-033	Water System Improvements	2022	4	B, E	25	423	P	\$ 396,000.00	\$ 396,000.00				
West Central IA RWA	FS-14-22-DWSRF-036	Construction of New Water Treatment Plant, Booster Station and Ground Storage	2022	4	A, B, C, D, E, F	30	18838	P	\$ 12,600,000.00	\$ 12,600,000.00				
Casey	FS-39-22-DWSRF-034	Water Distribution System Improvements	2022	4	A, B, C, D, E, F	40	387	P	\$ 305,420.00	\$ 305,420.00				
Wahpeton	FS-30-22-DWSRF-031	Water System Improvements	2022	4	A, B, C, D, E, F	40	344	P	\$ 7,850,000.00	\$ 7,850,000.00				
Rockford	FS-34-22-DWSRF-027	Water System Improvements	2022	4	B, C, E	40	860	P	\$ 510,000.00	\$ 510,000.00				
Orange City	FS-84-22-DWSRF-037	Construction of New Elevated Tank, New Ground Storage, New Well and Well Pipe	2022	4	B, D, E	50	6267	P	\$ 15,821,000.00	\$ 15,821,000.00				
Protivin	FS-45-22-DWSRF-029	Water System Improvements	2022	4	B, D, E	50	269	P	\$ 304,000.00	\$ 304,000.00				
Dedham	FS-14-22-DWSRF-032	Water System Improvements	2022	4	A, B, C, D, E, F	60	224	P	\$ 1,000,000.00	\$ 1,000,000.00				
Westfield	FS-75-22-DWSRF-035	Construction of new well and Water Treatment Plant	2022	4	A, B, C, E	100	130	P	\$ 2,185,000.00	\$ 2,185,000.00				
Hedrick	FS-54-22-DWSRF-026	Water Distribution System Improvements	2022	4	A, B, C, D, E, F	110	764	P	\$ 682,000.00	\$ 682,000.00				
Birmingham	FS-89-22-DWSRF-039	New Elevated Storage Tank	2022	4	A, B, C, E	140	425	P	\$ 603,000.00	\$ 657,000.00				
Ankeny	PD-DW-22-57	P&D for Construction of Water Main Transmission	2022	4	P&D	P&D	N/A	P	\$ 174,600.00	\$ 174,600.00				
Monroe	FS-50-22-DWSRF-022	York Street Water Main Improvements	2022	3	B, E	30	1830	P	\$ 750,735.00	\$ 750,735.00				
Grundy Center	FS-38-22-DWSRF-024	2022 Water Main Replacement	2022	3	B, E	30	2706	P	\$ 1,500,000.00	\$ 1,500,000.00				
Dubuque	FS-31-22-DWSRF-025	2022 Water System Improvements	2022	3	B	35	1830	P	\$ 15,565,000.00	\$ 15,565,000.00				
Manson	FS-13-22-DWSRF-023	Connection from Manson to Fort Dodge Municipal Water System	2022	3	B, E	45	1690	P	\$ 7,068,000.00	\$ 7,068,000.00				up to 75% of eligible costs or cap
Pleasantville	FS-63-22-DWSRF-020	Water System Improvements - 2021 Water Main Replacement	2022	2	B, E	30	1694	P	\$ 1,674,000.00	\$ 1,674,000.00				
Nashua	FS-19-22-DWSRF-016	Greeley Street Water & Sanitary Improvements	2022	2	B, E	30	1663	P	\$ 259,000.00	\$ 259,000.00				
Mitchellville	FS-77-22-DWSRF-015	Water Distribution System Improvements	2022	2	B, E	30	2254	P	\$ 2,230,000.00	\$ 2,230,000.00				
Lake Creek	FS-11-22-DWSRF-014	Water Distribution System Improvements	2022	2	B, E	30	150	P	\$ 604,000.00	\$ 604,000.00				
Denison	FS-24-22-DWSRF-011	Water Distribution System Improvements	2022	2	B, E	30	2826	P	\$ 4,908,239.00	\$ 4,908,239.00				
Charles City	FS-34-22-DWSRF-010	water system storage	2022	2	B, C, E	35	3350	P	\$ 3,965,000.00	\$ 3,965,000.00				

Project Name	DWSRF No.	Project Description	IUP Yr	Quarter	Project Categories	Priority Points	Population	Project Status	Original IUP Funding Request (estimate)	Current Funding Request	Date Loan Signed	Loan Amount	Remaining Amount on IUP	Loan Forgiveness
Guttenberg	FS-22-22-DWSRF-013	Water Supply, Distribution and Storage Facilities Improvements	2022	2	B,C,E	40	1057	P	\$ 765,000.00	\$ 765,000.00				
Washla	FS-18-22-DWSRF-021	New Production Well No. 6	2022	2	B, C, E	55	248	P	\$ 532,000.00	\$ 532,000.00				
Titonka	FS-55-22-DWSRF-019	Water System Improvements	2022	2	B, C, E	55	486	P	\$ 539,000.00	\$ 539,000.00				
State Center	FS-64-22-DWSRF-018	Water Treatment Facility Improvements	2022	2	A,E	55	1468	P	\$ 1,933,000.00	\$ 1,933,000.00				
Plover	FS-76-22-DWSRF-017	New Well for Arsenic Mitigation in Raw Water	2022	2	A,B,E	95	77	P	\$ 108,000.00	\$ 108,000.00				
Fontanelle	FS-01-22-DWSRF-006	Water System Improvements	2022	1	B, C, E	35	223	P	\$ 1,499,000.00	\$ 1,499,000.00				
Renwick	FS-46-22-DWSRF-004	Water Main Replacement	2022	1	B, C, E	40	242	P	\$ 552,000.00	\$ 552,000.00				
Volga	FS-22-22-DWSRF-005	Pump Station Installation and Water Main Replacement	2022	1	B, C, E	40	208	P	\$ 622,000.00	\$ 622,000.00				
Lost Nation	FS-23-22-DWSRF-003	Construction of New Well and Well House	2022	1	B, E	45	223	P	\$ 439,000.00	\$ 439,000.00				
Lanesboro	FS-14-22-DWSRF-008	Water System Improvements	2022	1	A, C, E	70	121	P	\$ 3,557,000.00	\$ 3,557,000.00				up to \$1,000,000
Titonka	PD-DW-22-16	P&D for Existing Treatment System Improvements	2022	1	P&D	P&D	486	P	\$ 200,000.00	\$ 200,000.00				
Inwood	FS-60-21-DWSRF-024	Water Distribution System Improvements	2021	4	B, E	30	814	P	\$ 752,878.10	\$ 752,878.10				
Guthrie Center	FS-99-21-DWSRF-022	Water Main Replacement	2021	4	B, C, E	40	1569	P	\$ 1,454,000.00	\$ 1,454,000.00				
Fort Atkinson	FS-96-21-DWSRF-023	Water Supply	2021	4	B, C, E	55	323	P	\$ 250,000.00	\$ 324,000.00				
Essex	PD-DW-21-53	P&D for Drinking Water System Upgrades	2021	4	G	P&D	798	P	\$ 30,000.00	\$ 30,000.00				
Neola	PD-DW-21-56	P&D for Water Distribution System Replacement	2021	4	G	P&D	842	P	\$ 371,094.00	\$ 371,094.00				
Tama	FS-82-21-DWSRF-014	Water System Improvements	2021	3	B, E	25	2877	P	\$ 1,373,000.00	\$ 1,373,000.00				
Thor	FS-46-21-DWSRF-012	2021 Municipal Water Filtration Improvements	2021	3	B, E	25	186	P	\$ 408,000.00	\$ 408,000.00				50%
Elkhart	FS-77-21-DWSRF-018	Water Treatment Facility Expansion	2021	3	B, E	45	683	L	\$ 1,658,250.00	\$ 1,829,100.00	12/3/21	\$ 376,000.00	\$ 1,453,100	
Ventura	FS-17-21-DWSRF-016	Water Treatment Plant Construction	2021	3	A, B, E	45	717	L	\$ 2,613,000.00	\$ 3,750,000.00	9/10/21	\$ 1,875,000.00	\$ 1,875,000	
Glidden	PD-DW-21-38	P&D for New Well & Watermain	2021	3	G	P&D	1146	P	\$ 150,000.00	\$ 150,000.00				
Ames	FS-85-21-DWSRF-010	Water Treatment Plant Demolition	2021	2	B	15	58965	P	\$ 4,380,000.00	\$ 4,380,000.00				
Dyersville	FS-31-21-DWSRF-007	6th Avenue Water Main Replacement	2021	2	B,C, E	40	4058	P	\$ 415,000.00	\$ 415,000.00				
Lisbon	FS-57-21-DWSRF-011	Water Main Replacement	2021	2	B,C, E	55	2152	P	\$ 5,972,000.00	\$ 5,972,000.00				
Ames	FS-85-21-DWSRF-009	North River Valley Well field & Pipeline	2021	1	B	35	58965	P	\$ 4,380,000.00	\$ 6,108,000.00				
Waukee	FS-25-21-DWSRF-004	ASR Well	2021	1	B	35	17945	R	\$ 3,567,750.00	\$ 3,567,750.00				
Atkins	FS-06-21-DWSRF-001	Water Distribution Improvements	2021	1	B, C, E	40	1670	P	\$ 4,398,000.00	\$ 4,398,000.00				
Britt	FS-41-21-DWSRF-003	Water System Improvements	2021	1	A,E	60	2069	L	\$ 6,321,450.00	\$ 6,902,000.00	10/1/21	\$ 1,290,000.00	\$ 5,612,000	
Carlisle	FS-91-20-DWSRF-032	Avon Lake Water Main Improvements	2020	4	B,E	30	4282	P	\$ 3,400,000.00	\$ 728,000.00				
Westgate	FS-33-20-DWSRF-024	Connection to IRUA	2020	4	B,E	45	211	P	\$ 2,703,000.00	\$ 2,703,000.00				
Eastern Iowa Regional Utility Service System (EIRUSS) (formerly Bellevue)	FS-49-20-DWSRF-028	Droessler Subdivision Water Main Extension 2020	2020	4	A, E	45	421	P	\$ 1,700,000.00	\$ 1,700,000.00				
Melvin	FS-72-20-DWSRF-033	Storage Tank Replacement	2020	4	B,C,E	55	201	P	\$ 422,100.00	\$ 422,100.00				
Dayton	FS-94-20-DWSRF-031	Municipal Water Well Reconstruction and Water Main Repair	2020	4	B,C,E	55	837	P	\$ 685,000.00	\$ 685,000.00				
Jamaica	FS-39-20-DWSRF-017	Water System Improvements	2020	3	B, C, E	35	224	P	\$ 1,213,000.00	\$ 2,769,420.81				up to \$1,000,000
Eagle Grove	FS-99-20-DWSRF-018	Water Distribution System Improvements	2020	3	B, C, E	40	3583	R	\$ 503,000.00	\$ 503,000.00				
MacBride Point Third Master Maintenance Association	FS-52-20-DWSRF-019	Water Supply Improvements	2020	3	A, E	60	100	P	\$ 178,000.00	\$ 178,000.00				up to 75% of eligible costs
Plainfield	PD-DW-20-33	Water Main Installation	2020	3	G	P&D	436	P	\$ 40,000.00	\$ 40,000.00				
Lower-River Valley Water District	FS-82-20-DWSRF-007	East River Station WTP Upgrade	2020	2	A	45	143000	R	\$ 7,689,300.00	\$ 8,829,000.00				
Park View Water & Sanitary District	FS-82-20-DWSRF-006	WTP #2 Improvements	2020	2	B, E	45	2389	L	\$ 2,509,000.00	\$ 2,509,000.00	7/10/20	\$ 1,670,000.00	\$ 839,000	



Project Name	DWSRF No.	Project Description	IUP Yr	Quarter	Project Categories	Priority Points	Population	Project Status	Original IUP Funding Request (estimate)	Current Funding Request	Date Loan Signed	Loan Amount	Remaining Amount on IUP	Loan Forgiveness
Rock Valley	FS-84-20-DWSRF-010	Rock Valley Water System Phases I and II	2020	2	B, E	45	3730	P	\$ 2,009,000.00	\$ 2,009,000.00				
Somers	FS-13-19-DWSRF-028	Municipal Water Filtration Improvements	2019	4	B, C, E	35	113	P	\$ 179,000.00	\$ 179,000.00				
Osceola Rural Water System-North	FS-72-19-DWSRF-012	A new 1,800 gpm RO expansion including wells, water storage and pipeline construction of new water main connecting to Marshalltown Water Works	2019	2	B, E	40	4495	R	\$ 17,709,000.00	\$ 8,341,000.00				
Albion	PD-DW-19-13	Construction of new water main connecting to Marshalltown Water Works	2019	2	G	P&D	505	P	\$ 55,000.00	\$ 55,000.00				
Bellevue	PD-DW-19-15	Construction of 2700 sf Radium Treatment Facility	2019	2	G	P&D	2191	P	\$ 285,000.00	\$ 285,000.00				
Iowa Lakes Regional Water	FS-21-18-DWSRF-019	Addition of solar panels at six booster stations and water towers to reduce operational cost and improve resiliency	2018	4	B	15	14,600	P	\$ 260,000.00	\$ 260,000.00				
Vail	PD-DW-18-30	Plan for new water source and water treatment options	2018	3	G	P&D	436	P	\$ 50,000.00	\$ 50,000.00				
Cleghorn	FS-18-18-DWSRF-006	Replace aging water tower, install water mains to tower, add emergency generator at water treatment plant	2018	2	B,E	45	247	L	\$ 1,024,000.00	\$ 757,000.00	3/8/19	\$ 557,000.00	\$ 200,000.00	
Rathbun Regional Water (RRWA)	FS-04-17-DWSRF-010	Replacement of aging water meters with a new advanced/smart metering system.	2017	2	C,D	15	28215	R	\$ 2,902,945.00	\$ 2,902,945.00				30% of cost of water meter equipment and installation
Farmincton	FS-89-16-DWSRF-006 (2)	Water meter replacement	2016	2	B,C,E	40	664	R	\$ 312,000.00	\$ 117,000.00				
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	2	B,C,E	55	779	P	\$ 1,316,550.00	\$ 1,435,000.00				
									\$ 199,950,111.10	\$ 194,007,081.91		\$ 5,768,000.00		

- 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

Project Name	NPDES No.	Project Number	CWSRF No.	Project Description	IUP Yr	Quarter	Needs Category	Priority Points	Project Status	Original IUP Funding Request (estimate)	Current Funding Request	Date Loan Signed	Loan Amount	Remaining Amount on IUP	Loan Forgiveness
Oakland	7856001	N/A	PD-CW-23-07	P&D for Wastewater Treatment System Upgrades	2023	1	P&D	P&D	P	\$ 355,400	\$ 355,400				
Dedham	1433001	N/A	PD-CW-23-06	P&D for Lagoon Improvements	2023	1	P&D	P&D	P	\$ 326,500	\$ 326,500				
Cass County Environmental Control Agency	58255645	N/A	PD-CW-23-05	P&D for Landfill Closure & Transfer Station Installation	2023	1	P&D	P&D	P	\$ 194,082	\$ 194,082				
Ladora	0058521	N/A	PD-CW-23-04	P&D for New Lift Station	2023	1	P&D	P&D	P	\$ 28,500	\$ 28,500				
Sumner	0970001	N/A	PD-CW-23-02	P&D for Wastewater System Upgrades	2023	1	P&D	P&D	P	\$ 400,000	\$ 400,000				
Cedar Rapids	5715001	N/A	PD-CW-23-01	P&D for Wastewater System Upgrades	2023	1	P&D	P&D	P	\$ 13,300,000	\$ 13,300,000				
Evansdale	723001	W2018-0318A	CS1921065-01	WWTP Improvements 2021	2023	1	II	295	P	\$ 9,528,000	\$ 9,528,000				
Mingo	5052001	W2021-0260A	CS1921012-01	Wastewater Treatment Plant Improvements	2023	1	II	250	P	\$ 1,685,000	\$ 1,685,000				
Cherokee	051102317	W2021-0209A	CS1921069-01	WRF Nutrient Reduction Improvements	2023	1	II	234	P	\$ 7,088,000	\$ 7,088,000				
Aurelia	1803001	W2022-0308A	CS1921064-01	Willow Street Sanitary Sewer Replacement	2023	1	IIIB	162	P	\$ 304,000	\$ 304,000				
Fostoria	2122001	W2022-0235A	CS1921066-01	2022 Sanitary Sewer Rehabilitation	2023	1	IIIA	160	P	\$ 756,000	\$ 756,000				
Hospers	8439001	W2022-0263A	CS1921067-01	2nd Ave Paving & Utility Improvements	2023	1	IIIB	152	P	\$ 1,531,000	\$ 1,531,000				
Ionia	1946001	W2022-0184A	CS1921068-01	Wastewater Improvements	2023	1	II	149	P	\$ 663,300	\$ 663,300				
Dubuque	3126001	W2022-0320A	CS1921070-01	Auburn-Custer Sanitary Sewer Reconstruction	2023	1	IIIB	139	P	\$ 439,000	\$ 439,000				
Coralville	5208001	W2022-0310	CS1921071-01	Central Trunk Sewer	2023	1	IVB	127	P	\$ 6,200,000	\$ 6,200,000				
West Des Moines	N/A	N/A	GNS 23-01	Blue Creek Stormwater Detention	2023	1	GNS	GNS	P	\$ 4,738,500	\$ 4,738,500				
Johnston	7740002	N/A	PD-CW-22-63	P&D for NW Area Sanitary Sewer Extension - Segment C	2022	4	P&D	P&D	P	\$ 460,000	\$ 460,000				
Sun Valley Sanitary District	8000701	N/A	PD-CW-22-59	P&D for Bunker Lift Station Replacement and West Lift Station Improvements	2022	4	P&D	P&D	P	\$ 191,950	\$ 191,950				
Milo	9155001	W2021-0111A	CS1921054 01	Wastewater Treatment Facility Improvements	2022	4	II	272	P	\$ 4,192,000	\$ 4,192,000				
Earlham	6115001	W2020-0448A	CS1921055 01	Earlham Lagoon Upgrades	2022	4	II	264	P	\$ 6,241,000	\$ 6,241,000				
New Hartford	1271001	W2022-0029A	CS1921058 01	Wastewater Treatment Plant Improvements	2022	4	II	245	P	\$ 319,000	\$ 319,000				
Primghar	7155001	W2021-0194A	CS1921051 01	WWTF Improvements	2022	4	II	224	P	\$ 6,173,000	\$ 6,173,000				
Winfield	4493001	W2017-0391A	CS1921053 01	Wastewater Treatment Plant Improvements	2022	4	II	222	P	\$ 1,915,530	\$ 1,915,530				
Muscatine	7048001	S2022-0036A	CS1921056 01	West Hill Area Sewer Separation Project - Phase 6A and 6B	2022	4	V	200	P	\$ 8,056,000	\$ 8,056,000				
Elgin	3338001	W2022-0105A	CS1921059 01	WWTP Liner Replacement	2022	4	II	180	P	\$ 604,000	\$ 604,000				
Sibley	7245001	W2021-0398A	CS1921060 01	Wastewater Treatment Facility Improvements	2022	4	II	174	P	\$ 3,640,110	\$ 3,640,110				
Whittemore	5595001	W2021-0455A	CS1921050 01	Sanitary Sewer Collection System I/I Reduction - Phase 1A	2022	4	IIIA	154	P	\$ 507,000	\$ 507,000				
Waukee	7727001	W2022-0164A	CS1921063-01	NE Sewer Outfall Facility	2022	4	IVB	145	P	\$ 9,289,215	\$ 9,289,215				
Dubuque	3126001	W2022-0200A	CS1921061 01	42 Inch Force Main Stabilization	2022	4	IIIB	139	P	\$ 2,076,782	\$ 2,076,782				
Crystal Lake	4115001	W2021-0426A	CS1921052 01	Sanitary Sewer Collection System I/I Reduction - Phase 1A	2022	4	IIIA	139	P	\$ 450,000	\$ 450,000				
Johnston	7740002	W2022-0196A	CS1921062 01	NW Area Sanitary Sewer Extension	2022	4	IVA	135	P	\$ 18,199,000	\$ 17,620,735				
Dow City	2427001	N/A	PD-CW-22-49	P&D for WWTF Improvements	2022	3	P&D	P&D	P	\$ 203,000	\$ 203,000				
Defiance	8315001	N/A	PD-CW-22-47	P&D for WWTF Improvements	2022	3	P&D	P&D	P	\$ 185,000	\$ 185,000				
Libertyville	5148001	N/A	PD-CW-22-36	I & I Investigation	2022	3	P&D	P&D	P	\$ 90,000	\$ 90,000				
Lake City	1345003	W2019-0385A	CS1921042 01	Phase 2 & 3 Lake City WWTF Improvements - Lift Station & Treatment Facility	2022	3	II	254	P	\$ 8,234,000	\$ 8,234,000				
Allison	1203001	S2020-0003A	CS1921039 01	WWTF Improvements	2022	3	II	249	P	\$ 2,144,000	\$ 2,144,000				
Danbury	9729001	W2020-0188A	CS1921040 01	WWTP Improvements	2022	3	II	245	P	\$ 2,606,000	\$ 2,606,000				

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Marshalltown	6469001	W2020-0410A	CS1921044 01	Headworks and Digester Improvements Project 2020 Sanitary Sewer Rehab - CIPP	2022	3	I, III-A	240	P	\$ 13,247,000	\$ 13,247,000				
Riceville	6670001	W2020-0317A	CS1921046 01	WWTF Improvements	2022	3	II	219	P	\$ 2,066,280	\$ 2,066,280				
Winterset	6171001	S2020-0429A	CS1921038 01	WWTF Improvements	2022	3	II	219	P	\$ 18,898,000	\$ 18,898,000				
Dubuque	3126001	W2022-0094A	CS1921049 01	Granger Creek Sanitary Sewer Improvements	2022	3	IV-B	180	P	\$ 3,065,552	\$ 3,065,552				
Monona	02264001	W2022-0061A	CS1921045 01	Central Service Area Wastewater Collection System Rehabilitation	2022	3	III-A	145	P	\$ 704,000	\$ 704,000				
Stockport	0061603	S2021-0167A	CS1921047 01	Sewer System Rehab	2022	3	III-A	139	P	\$ 332,000	\$ 332,000				
Houghton	5633001	W2021-0176A	CS1921041 01	Wastewater System Improvements	2022	3	III-A	139	P	\$ 653,000	\$ 653,000				
Sun Valley Sanitary District	8000701	W2021-0343A	CS1921048 01	Wastewater Collection and Treatment System Improvements	2022	3	III-A	129	P	\$ 1,704,000	\$ 1,704,000				
Clinton	2326001	N/A	PD-CW-22-20	P&D for New UV Disinfection System	2022	2	P&D	P&D	P	\$ 4,500,000	\$ 4,500,000				
Lake City	1345003	N/A	PD-CW-22-24	P&D for Flow Monitoring, Lift Station and WWTF Improvements	2022	2	P&D	P&D	P	\$ 579,500	\$ 579,500				
Humboldt	4641001	W2021-0004A	CS1921024 01	Raw Pumping and Nutrient Removal Improvements	2022	2	II	255	P	\$ 1,724,000	\$ 1,724,000				
Morning Sun	5857001	W2019-0130A	CS1921036 01	WWTP Improvements	2022	2	II	250	P	\$ 1,972,500	\$ 1,972,500				
Saint Ansgar	6673001	W2020-0420A	CS1921035 01	WWTF UV Disinfection	2022	2	II	239	P	\$ 376,000	\$ 376,000				
Ackley	4201001	W2020-0217A	CS1910863 02	Treatment Plant Upgrades Phase II (SAGR and UV)	2022	2	II	227	P	\$ 3,759,968	\$ 3,759,968				
Wheatland	2394001	W2020-0269A	CS1921022 01	Wastewater Treatment Facility Upgrades	2022	2	II	224	P	\$ 608,000	\$ 608,000				
Victor	4875001	W2018-0463A	CS1921029 01	WWTP Upgrades	2022	2	II	224	P	\$ 600,000	\$ 1,261,000				
Clinton	2326001	W2021-0115A	CS1921021 01	RWRF ADM Plant Expansion	2022	2	II	210	P	\$ 97,526,000	\$ 97,526,000				
WRA	7727001	W2020-0400A	CS1921032 01	WRF Phosphorus Recovery Facility	2022	2	II	205	P	\$ 30,000,000	\$ 30,000,000				
WRA	7727001	W2021-0437A	CS1921031 01	Birdland Pump Station Improvements	2022	2	IV-B	175	P	\$ 14,379,000	\$ 20,370,000				
WRA	7727001	W2021-0366A	CS1921033 01	Southern Tier Interceptor Phase 10, Segments 23-27.	2022	2	IV-A	165	P	\$ 17,658,000	\$ 17,658,000				
Waterloo	0790001	W2021-0438A	CS1921030 01	US Highway 63 South Interceptor Sanitary Sewer Upgrade - Phase 1	2022	2	III-B	160	R	\$ 5,301,000	\$ 8,105,000				
Dubuque	3126001	W2021-0394A	CS1921034 01	Old Mill Rd. Lift Station and Force Main	2022	2	IV-B	154	P	\$ 25,467,000	\$ 25,467,000				
Nashua	1967001	W2021-0293A	CS1921027 01	Greeley Street Water & Sanitary Improvements	2022	2	III-B	139	P	\$ 164,000	\$ 164,000				
Lytton	9133001	W2021-0424A	CS1921025 01	Sanitary Sewer Force Main Replacement	2022	2	III-B	134	P	\$ 479,000	\$ 479,000				
Moravia	467001	W2021-0155A	CS1921026 01	Sanitary Sewer Collection System Improvements	2022	2	III-A	129	P	\$ 298,000	\$ 298,000				
Alta	1103002	W2021-0258A	CS1921023 01	Sanitary Sewer Collection System Improvements	2022	2	III-A	129	P	\$ 1,301,000	\$ 1,301,000				
Rockwell City	1376001	S2018-0350A	CS1921028 01	Lift Stations Improvements	2022	2	IV-B	119	R	\$ 773,850	\$ 773,850				
WRA	7727001	N/A	PD-CW-22-11	P&D for Improvements to Southern Tier, Phase 10, Segments 10-23	2022	1	P&D	P&D	P	\$ 403,000	\$ 403,000				
Dubuque	NA	N/A	GNS 21-02	Bee Branch Creek Restoration-Ph 4 Detention Basin improvements-new pump station system with gates, pumps and electrical	2022	1	VI	GNS	P	\$ 2,600,000	\$ 2,600,000				
Johnston	NA	N/A	GNS 21-01	Harbor Oaks Channel Stabilization and The Harbour Subdivision Channel Stabilization	2022	1	VII-K	GNS	P	\$ 525,000	\$ 525,000				
Montpelier	7038901	W2021-0086A	CS1921015 01	New Outfall	2022	1	II	260	P	\$ 400,000	\$ 400,000				
Monticello	5343001	W2018-0419A	CS1921009 01	New Activated Sludge Plan with Nutrient Removal	2022	1	II	260	R	\$ 14,497,000	\$ 14,497,000				
Frederika	922001	W2020-0141A	CS1921013 01	I&I Repares & Adding Capacity to CDL	2022	1	I, III-A	254	P	\$ 2,153,000	\$ 2,153,000				30%

Project Name	NPDES No.	Project Number	CWSRF No.	Project Description	IUP Yr	Quarter	Needs Category	Priority Points	Project Status	Original IUP Funding Request (estimate)	Current Funding Request	Date Loan Signed	Loan Amount	Remaining Amount on IUP	Loan Forgiveness
Jefferson	3742001	W2020-0326A	CS1921005 01	WWTP Improvements	2022	1	II	252	P	\$ 10,254,000	\$ 10,254,000				
Grandview	5842001	W2020-0414A	CS1921020 01	Wastewater Treatment Facility Improvements	2022	1	II	245	P	\$ 3,286,000	\$ 3,286,000				
Leland	9549001	W2020-0011A	CS1921016 01	2-Cell Aerated Lagoon, SAGR & UV	2022	1	II	237	P	\$ 1,349,000	\$ 1,349,000				
Fort Madison	5625001	W2021-0203A	CS1921017 01	10th Street Combined Sewer Separation	2022	1	V	224	P	\$ 4,463,000	\$ 4,463,000				
Knoxville	6342001	W2021-0156A	CS1921011 01	UV Disinfection	2022	1	II	224	P	\$ 5,865,000	\$ 5,865,000				
Terrace Hill	3500900	S2020-0079A	CS1921019 01	New Pumping Station to Connect to City of Hampton	2022	1	IV-B	194	P	\$ 2,008,600	\$ 2,008,600				
Fort Dodge	9433003	W2021-0284A	CS1921018 01	New Lab Building and Odor Control	2022	1	II	180	P	\$ 5,025,000	\$ 5,025,000				
Humeston	9348001	W2020-0141A	CS1921014 01	Sludge Removal, New Lagoon Aeration System, and UV to Meet New Permit Limits	2022	1	II	175	P	\$ 1,303,000	\$ 1,303,000				
Coralville	N/A	N/A	PD-CW-21-61	P&D for Clear Creek Stream Restoration	2021	4	P&D	P&D	P	\$ 694,400	\$ 694,400				
Crescent	N/A	N/A	PD-CW-21-48	P&D for Wastewater System Upgrades	2021	4	P&D	P&D	P	\$ 450,000	\$ 450,000				
Montpelier	N/A	N/A	PD-CW-21-68	P&D for Updates to Existing Wastewater Treatment Facility	2021	4	P&D	P&D	P	\$ 100,000	\$ 100,000				
Saint Ansgar	N/A	N/A	PD-CW-21-71	P&D for UV Disinfection Construction	2021	4	P&D	P&D	P	\$ 32,000	\$ 32,000				
Saint Ansgar	N/A	N/A	PD-CW-21-72	P&D for Sanitary Sewer Trunkline Construction	2021	4	P&D	P&D	P	\$ 64,400	\$ 64,400				
Marengo	4843001	W2017-0244A	CS1921008 01	Wastewater Facility Improvements-UV and discharge to larger stream	2021	4	II	249	P	\$ 5,863,000	\$ 5,863,000				
Savage	9400900	S2016-0156A	CS1921004 01	Wastewater Treatment Improvements-SAGR and UV	2021	4	II	245	P	\$ 1,063,285	\$ 1,063,285				
Ridgeway	9680001	W2019-0244A	CS1920991 01	SAGR & UV	2021	4	II	245	P	\$ 1,087,000	\$ 1,969,000				
Festina	9600302	W2018-0288A	CS1921002 01	Wastewater Treatment Facility Improvements-SAGR and UV	2021	4	II	235	P	\$ 406,000	\$ 406,000				
Armstrong	3203001	S2015-0225A	CS1921007 01	Wastewater Treatment Improvements-Nitrification reactor and UV	2021	4	II	232	P	\$ 2,905,000	\$ 3,789,000				
Lake City	1345003	W2019-0385A	CS1920986 01	Phase 1 Wastewater Treatment Facility Improvements - Flow Monitoring	2021	4	I	144	P	\$ 163,000	\$ 163,000				
St. Ansgar	6673001	W2020-0421A	CS1921003 01	Sanitary Sewer Trunkline	2021	4	IV-A	135	P	\$ 471,000	\$ 471,000				
Lovilia	6858001	W2020-0292A	CS1921001 01	W 20th Street Lift Station upgrade	2021	4	IV-B	114	P	\$ 299,490	\$ 299,490				
Maquoketa	4950001	W2020-0203A	CS1920988 01	BNR Addition to Existing Plant	2021	3	II	275	P	\$ 11,930,355	\$ 11,930,355				
Traer	8681001	W2018-0376A	CS1920999 01	Sewer Rehab, UV and Relocation of Outfall	2021	3	II, III-B	259	P	\$ 1,805,000	\$ 1,805,000				
Dougherty	1722001	S2017-0251A	CS1920993 01	Low Pressure Collection System with 3-Cell Lagoon	2021	3	I, IV-A	232	P	\$ 865,000	\$ 865,000				50%
Peterson	2154002	W2019-0338A	CS1920998 01	I&I Work	2021	3	III-A	139	L	\$ 1,294,000	\$ 1,294,000	9/24/21	\$ 434,000	\$ -	
Peterson	2154002	W2019-0338A	CS1920998 01	I&I Work	2021	3	III-A	139	L	\$ 161,000	\$ 161,000	11/5/21	\$ 161,000	\$ -	
Peterson	2154002	W2019-0338A	CS1920998 01 (supplemental)	I&I Work	2021	3	III-A	139	R	\$ 70,000	\$ 70,000				
West Branch	1694001	W2018-0227A	CS1920982 01	WW Tx Improvements 2021	2021	2	II	230	P	\$ 7,187,000	\$ 7,187,000				
Lidderdale	1453001	W2019-0267A	CS1920983 01	WW System Improvements	2021	2	II	227	P	\$ 1,548,000	\$ 1,548,000				
Mount Ayr	805501	W2020-0412A	CS192084 01	WW System Improvements	2021	2	I, III-B	195	P	\$ 380,000	\$ 380,000				
Anamosa	5307001	W2020-0202A	CS1920985 01	WWTP Flow Equalization Basin	2021	2	VI	155	P	\$ 2,802,000	\$ 2,802,000				
Dyersville	313001	W2020-0384A	CS1920980 01	Westlinden Lift Station	2021	2	IV-B	150	P	\$ 2,764,000	\$ 2,764,000				
Lovilia	6858001	N/A	PD-CW-21-04	P&D for construction of WW TX facility	2021	1	P&D	P&D	P	\$ 154,000	\$ 154,000				
Miles	4953001	S2019-0420A	CS1920966 01	WWTF Improvements	2021	1	I & IV-B	232	P	\$ 2,080,000	\$ 2,262,000				
Grimes	7763001	W2017-0143A	CS1920975 01	Construct Trunk Sewer, Lift Station & Force Main to Connect to DM WRA	2021	1	IV-B	227	P	\$ 22,839,000	\$ 22,839,000				
Ottumwa	58611	2019-0263A	CS1920972 01	Blake's Branch Sewer Separation Phase 8, Division 2, 3A, 3B, 3C, 3D	2021	1	V	205	P	\$ 40,000,000	\$ 40,000,000				

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McGregor	2258001	W2020-0140A	CS1920974 01	Main Street Utility Upgrades	2021	1	III-A	162	L	\$ 4,654,000	\$ 4,934,000	4/8/22	\$ 2,101,000	\$ 2,833,000	30% cap of \$1,000,000
Wayland	4490001	S2017-0271A	CS1920968 01	Sewer Rehab & Lagoon Upgrade	2021	1	III-A	154	L	\$ 1,000,000	\$ 1,000,000	9/4/20	\$ 683,000	\$ 317,000.00	
Vinton	688001	W2018-0031A	CS1920969 01	WWTP Upgrades	2021	1	II	145	P	\$ 7,393,000	\$ 7,393,000				
Dickinson County	N/A	N/A	GNS 20-03	Francis Sites Wetland Project	2020	4	VI	N/A	R	\$ 500,000	\$ 500,000				
Perry	2561001	2019-0057A	CS1920954 01	2018 Perry Wastewater Treatment Facility Plan and Improvements	2020	4	I, II, IIIA, IIIB	284	L	\$ 16,157,000	\$ 28,900,000	7/2/21	\$ 28,900,000	\$ -	30% cap of \$1,000,000
WRA	7727001	S2020-0142A	CS1920955 01	WRA Ingersoll Run Outlet Sewer in Des Moines	2020	4	V	197	P	\$ 26,934,000	\$ 26,934,000				
Oxford Junction	5361001	2020-0126A	CS1920958 01	Sanitary Sewer Rehabilitation	2020	4	III-A	155	L	\$ 1,099,000	\$ 1,460,000	3/5/2021	\$ 788,000	\$672,000.00	
Toledo	8676001	2020-0162A	CS1920957 01	Sanitary Sewer Improvements	2020	4	III-A	154	P	\$ 633,000	\$ 633,000				
Rickardsville	3175001	2020-0158A	CS1920956 01	Sanitary Sewer Collection System Improvements 2020	2020	4	IV-A	114	P	\$ 1,032,000	\$ 1,032,000				
Nevada	8562001	W3029-0233A	1920945 01	Wastewater Treatment Facility Improvements	2020	3	I, II, IVB	234	L	\$ 48,727,000	\$ 48,727,000	1/29/21	\$ 1,360,000	\$ 27,367,000.00	
Nevada	8562001	W3029-0233A	1920945 01	Wastewater Treatment Facility Improvements	2020	3	I, II, IVB	234	L			4/30/21	\$ 10,000,000		
Nevada	8562001	W3029-0233A	1920945 01	Wastewater Treatment Facility Improvements	2020	3	I, II, IVB	234	L			1/28/22	\$ 10,000,000		
Pomeroy	1363001	W2020-0084A	1920951 01	Sanitary Sewer System Improvements	2020	3	IIIA	134	P	\$ 1,980,000	\$ 1,980,000				
Runnels	7774001	S2017-0330A	1920943 01	Wastewater Treatment Facility Expansion	2020	2	I, II	282	P	\$ 1,889,000	\$ 1,889,000				
Dysart	862700	W2018-0132A	1920936 01	Sewage Treatment Plant Improvements	2020	2	I, II	264	P	\$ 4,158,690	\$ 5,462,000				
Des Moines	7727001	S2019-0198A	1920944 01	Western Ingersoll Run Sewer Separation	2020	2	V	205	L	\$ 19,139,699	\$ 19,139,699	6/25/21	\$ 15,000,000	\$ 4,139,699.00	
WRA	7727001	2019-0363A	1920934 01	WRA Sewer Lining	2020	2	III-B	170	L	\$ 43,441,125	\$ 43,441,125	12/20/19	\$ 12,000,000	\$ 31,441,125.00	
Waterloo (Titus Lift Station and Force Main)	0790001	2019-0352A	1920935 01	New Titus lift station and force main	2020	2	IV-A	140	P	\$ 5,170,000	\$ 5,170,000				
Tipton	1689001	2019-0415A	1920939 01	Sewer Rehabilitation Phase 1 - NW Area	2020	2	III-A	127	P	\$ 419,000	\$ 419,000				
Solon	5282001	2019-0293A	1920942 01	North Trunk Sewer	2020	2	IV-B	119	R	\$ 1,247,000	\$ 1,247,000				
Glidden	1438001	2016-0396	1920929 01 (g1)	Wastewater Treatment Plant Improvements	2020	1	II	224	L	\$ 3,980,000	\$ 3,980,000	3/5/2021	\$ 2,900,000	\$ 1,080,000.00	
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	4	I, II & IV-B	324	R	\$ 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	4	II	270	P	\$ 302,000	\$ 302,000				
Wastewater Reclamation Authority	7727001	S2019-0006	1920914 01	Primary and Final Clarifier rotating mechanism replacements	2019	4	I	180	L	\$ 30,486,675	\$ 30,486,675	12/18/20	\$ 11,200,000	\$ 19,286,675.00	
Sumner	0970001	S2019-0180	1920916 01	Sewer relocation and new pumping station	2019	4	III-B & IV-B	149	P	\$ 296,000	\$ 296,000				
Bayard	3907001	S2017-0231	1920909 01	Construction of new 3 Cell controlled discharge lagoon system	2019	3	II	229	P	\$ 2,673,000	\$ 2,673,000				
Ottumwa	9083001	N/A	PD-CW-19-29	Construction of new separate sanitary sewer throughout Blake's Branch Basin	2019	2	P&D	P&D	P	\$ 3,900,000	\$ 3,900,000				
Lake Mills	9545001	S2017-0385	1920894 01	WWTF Improvements (SAGR)	2019	2	I, II	277	P	\$ 1,799,000	\$ 1,799,000				
Waterloo	0790001	S2017-0196	1920893 01	New Interceptor Sewer	2019	2	IV-B	175	P	\$ 5,771,000	\$ 5,771,000				

Project Name	NPDES No.	Project Number	CWSRF No.	Project Description	IUP Yr	Quarter	Needs Category	Priority Points	Project Status	Original IUP Funding Request (estimate)	Current Funding Request	Date Loan Signed	Loan Amount	Remaining Amount on IUP	Loan Forgiveness
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	1	I, II	285	P	\$ 2,381,000	\$ 3,300,000				
Osceola	2038002	S2016-0112	1920878 01	Construction of new activated sludge treatment plant, addition of UV disinfection, cogeneration of power from methane digester	2019	1	I, II	277	L	\$ 25,554,000	\$ 53,000,000	8/20/21	\$ 28,000,000	\$ 25,000,000	30% cap of \$1,000,000
Waterloo (Sanitary Gatewell Repairs)	0790001	S2018-0100	1920884 01	new gate wells and sanitary sewer	2019	1	III-B	185	R	\$ 3,581,000	\$ 4,202,000				
Zwingle	4998001	N/A	PD-CW-18-42	Address permit limits on bacteria and ammonia	2018	4	II	P&D	P	\$ 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	4	I, II	264	P	\$ 1,860,000	\$ 4,014,000				30% cap of \$1,000,000
Keokuk	5604001	S2018-0212	1920872 01	Next phase of combined sewer separation under Long Term Control Plan - construct outlet to Mississippi River	2018	4	V	167	P	\$ 14,171,000	\$ 14,171,000				
Corydon	9334004	S2014-0043	1920815 01	Wastewater Treatment Facility Improvements	2017	3	II	237	P	\$ 3,304,000	\$ 3,304,000				
Sioux City	9778001	S2016-0389	1920813 01	Improve various treatment plant equipment to renew initial capacity, improve performance, improve reliability and generate biogas.	2017	2	I,II	217	L	\$ 23,096,340	\$ 31,983,398	11/13/20	\$ 6,928,000	\$ 15,055,398.00	
Sioux City	9778001	S2016-0389	1920813 01	Improve various treatment plant equipment to renew initial capacity, improve performance, improve reliability and generate biogas.	2017	2	I,II	217	L			11/13/20	\$ 10,000,000		
Waterloo (CIPP Phase III)	0790001	S2016-0285	1920811 01 (supplemental)	Excavating and repairing pipe using traditional methods. Rehabilitate sanitary sewers and rehabilitate manholes that have deteriorated.	2017	2	III-A	185	P	\$ 2,133,700	\$ 2,133,700				
Algona	5502001	S2016-0239	PD-CW-17-04	Rehabilitation and reconstruction of the sanitary sewer collection system	2017	1	IIIB	P&D	P	\$ 130,000	\$ 130,000				
Oelwein	3353001	N/A	PD-CW-16-40	Installation of new sanitary sewer	2016	4	IVA	P&D	P	\$ 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	4	IIIA	145	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	3	I	P&D	P	\$ 225,000	\$ 225,000				
Fort Atkinson	9641001	S2015-0087	1920770 01	Construct a larger Lagoon that will only discharge once a year. Also includes an ultra violet disinfection system.	2016	3	I, II	290	L	\$ 1,249,000	\$ 3,840,000	4/8/22	\$ 760,000	\$ 3,080,000	

Project Name	NPDES No.	Project Number	CWSRF No.	Project Description	IUP Yr	Quarter	Needs Category	Priority Points	Project Status	Original IUP Funding Request (estimate)	Current Funding Request	Date Loan Signed	Loan Amount	Remaining Amount on IUP	Loan Forgiveness	
La Porte City	0743001	S2009-0187	1920620 01	Wastewater treatment plant improvements	2012	3	I,II	220	R	\$ 917,822	\$ 3,640,110					
										\$ 871,813,225	\$ 942,897,616		\$ 141,215,000	\$ 130,271,897		
				<b>Project Status</b>												
				Dropped -- D												
				Ready for Loan-- R												
				Loan Signed -- L												
				Planning Stage -- P												
				Green Projects												
				Add Subs												
				DAC - Disadvantaged Community Status												
				<b>Project Needs Categories</b>												
				I	Secondary Treatment											
				II	Treatment more stringent than secondary											
				IIIA	Infiltration/Inflow rehabilitation											
				IIIB	Major sewer system rehabilitation											
				IVA	New collectors and appurtenances											
				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											



# INVESTING IN IOWA'S WATER

## FY 2023 INTENDED USE PLANS

Clean Water State Revolving Fund (CWSRF)

Drinking Water State Revolving Fund (DWSRF)

Approved by the Environmental Protection Commission (EPC) on XXXX XX, XXXX.



# FY 2023 Intended Use Plans

## Clean Water State Revolving Fund

## Drinking Water State Revolving Fund



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## INTRODUCTION

In the last 30 years, Iowa's SRF has provided over **\$4 billion** in loans for water and wastewater infrastructure, agricultural best management practices, and other water quality projects. With the SFY 2023 Intended Use Plan (IUP) and future program plans, Iowa's SRF will continue to help Iowans protect public health and the environment through investing in Iowa's water.

- ✓ 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.
- ✓ 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.
- ✓ 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.
- ✓ 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.

## PROGRAM OVERVIEW

### STATE REVOLVING FUND (SRF)

The Clean Water SRF funds wastewater treatment, sewer rehabilitation, and stormwater quality improvements, as well as non-point source projects.

The Drinking Water SRF funds water treatment plants or improvements to existing facilities, water line extensions to existing unserved properties, water storage facilities, wells, and source water protection efforts.

### SRF PROGRAM ADMINISTRATION

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

- DNR-Administers the environmental and permitting aspects of the program as well as regulatory compliance
- IFA-Administers the financial aspects of the program including fund management, bonding, loan approval and disbursements
- IDALS-Through a contractual agreement with DNR, IDALS administers three SRF Nonpoint Source Linked-Deposit Programs and provides Technical Assistance to the CWSRF Nonpoint Source Programs, including the Sponsored Project Program



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.

## INTENDED USE PLANS

The Intended Use Plans (IUPs) following this **Program Overview** will 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 programs during State Fiscal Year 2023 (July 1, 2022 - June 30, 2023) and include Project Priority Lists (PPL), program policies and goals, financial management strategies, discussion of set-aside programs and efforts, and planned uses of administrative accounts. The IUPs are developed and updated quarterly, in June, September, December, and March or more often as needed.

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 without public notification by the procedures of this IUP and state rules for administration of these programs.

## PROJECT PRIORITY LIST

Project Priority Lists (PPL) are located in Appendix 1 of the Drinking Water IUP and the Clean Water IUP. 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” and “L - loan signed.”

## TYPES OF FINANCING

Construction Loans are offered with 20-year terms. An extended term loan is available up to 30 years, based on the average life of the project components. Interest rates and fees are established within the IUP.

Planning & Design (P&D) Loans are offered for up to 3 years to cover engineering and project development costs. P&D loans can be rolled into an SRF construction loan or paid off with other permanent financing.

Nonpoint Source Loans are available to public and private borrowers in the form of direct loans, loan participation or linked-deposit loans, depending on the borrower. These loans address stormwater management, inadequate septic systems, landfill closure, lake restoration, soil erosion control, brownfield cleanup, manure management and more.

## CO-FUNDING

The SRF funding can be combined with several other funding sources to make costly infrastructure projects possible. While SRF offers low loan rates and additional subsidization to eligible applicants, many of Iowa’s small and disadvantaged cities need additional help in the form of grants. Joint funding that combines SRF loan dollars and grants from other agencies is crucial to making some water and wastewater infrastructure upgrade projects more affordable for many communities. The Iowa SRF Program is committed to coordinating with other funding agencies to simplify the process of co-funding and to find an affordable solution to water and wastewater needs.

## EMERGENCY FUNDING

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 following a disaster include:

- 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, when all program requirements are met, a SRF loan could be used to finance the repairs and then be repaid with FEMA money. Emergency loans meeting these conditions 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 2023. 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 2023 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.

## HIGHLIGHTS AND CHANGES

In the past year, many exciting opportunities have developed to advance environmental equivalency in the water sector through increased investment in water and wastewater infrastructure. Iowa is expanding and revising the SRF Program, as needed, to adapt to and take advantage of these new opportunities. Highlighted below are some of the changes Iowa is incorporating into this year's Intended Use Plans.

- ✓ Plans for implementing the **Bipartisan Infrastructure Bill (BIL)** funding, also known as the **Infrastructure Investment and Jobs Act (IIJA)**, are not covered in this annual release of the Intended Use Plan but will be implemented in future quarterly updates as an Appendix to the DWSRF and CWSRF Intended Use Plans. The most current information available will also be posted at <https://www.iowasrf.com/infrastructure-bill-funding-opportunities/>.
- ✓ The BIL introduced a new requirement to federally funded infrastructure programs which expands domestic procurement requirements beyond iron and steel to include construction materials and manufactured goods. This requirement is referred to as **Build America, Buy American (BABA)**. Some SRF funded projects may be subject to the requirements of BABA, including projects that co-fund with other federal programs such as CDBG and USDA. The Environmental Protection Agency's (EPA) "Implementation Procedures" have not yet been released so further guidance on BABA will be implemented in future quarterly updates to the CWSRF and DWSRF Intended Use Plans. The most current information available will also be posted at <https://www.iowasrf.com/infrastructure-bill-funding-opportunities/>.
- ✓ The **Water Resources Restoration Sponsored Project Program** is temporarily not accepting applications during SFY 2023 (September 2022 and March 2023 application rounds). Application opportunities are expected to resume in SFY 2024. (see page 12)
- ✓ The **Disadvantaged Community (DAC)** definition (DWSRF Program) and the **Affordability Criteria** (CWSRF Program) are under review and will be revised through public review and comment. The SRF intends to implement the DAC definition and affordability criteria in future quarterly updates as an Appendix to the DWSRF and CWSRF Intended Use Plans. The goal of this revision is to expand environmental equality and ensure SRF is reaching communities most in need of assistance. The new definitions will be used to determine an applicant's eligibility to receive loan forgiveness and interest rate reductions from the base DWSRF and CWSRF Loan Programs as well as BIL Loan funds. The percent of loan forgiveness offered to each eligible project will also be determined through these revised criteria. (see pages 20 and 39)
- ✓ Beginning in SFY 2023, loan initiation fees will not be assessed on loans to Disadvantaged Communities (DAC) receiving loan forgiveness.
- ✓ For the first time in the Program's history, the CWSRF Program is allowing states to set-aside funding from the Capitalization Grant to provide **Technical Assistance** to borrowers. EPA is also preparing Technical Assistance contracts to support states and borrowers with accessing SRF Program funds from the BIL. Future quarterly updates to the CWSRF IUPs will describe how Iowa intends to utilize these funds and the technical assistance that will be available to our borrowers. (see pages 16)
- ✓ Beginning in SFY 2023, borrowers will be asked to identify their Municipal Advisor for the project as part of the IUP application. (see pages 16 and 33 )
- ✓ Beginning in SFY 2023, prior to closing a construction loan, applicants must demonstrate that appropriate action has been taken to implement the utility rate recommendations of their Municipal Advisor set forth in the 5-year pro-forma cash flow analysis. (see pages 16 and 33)
- ✓ Beginning in SFY 2023, to the extent applicable, applicants must provide certification evidencing compliance with public bidding law, pursuant to Iowa Code Chapter 26, prior to closing a construction loan. (see pages 16 and 33)

With the SFY 2023 Intended Use Plans and future program plans, Iowa's SRF will continue to help Iowans protect public health and the environment through investing in Iowa's water.

# FY 2023 INTENDED USE PLANS CLEAN WATER STATE REVOLVING FUND



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# FY 2023 Intended Use Plans

## Clean Water State Revolving Fund

### I. STATE FISCAL YEAR 2023 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 for publicly owned facilities
- Direct loans, loan participation and linked deposit financing approaches addressing nonpoint source programs
- Water Resource Restoration Sponsor Program (Sponsored Projects) addressing nonpoint source problems via interest rate reductions on wastewater loans

The SFY 2023 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 2023 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.

There have been staff resource changes and changes to the CWSRF Program due to federal legislation in this past year, so program updates are anticipated in SFY 2023. New goals have been established to meet those requirements and adjust programs to available staff.

The SFY 2023 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 2023, applications will be accepted quarterly and updates to the IUP will be prepared to add projects and update program financial information. Sponsored Project applications will be taken in March 2022 and added to the IUP during this fiscal year. Projects approved under the Nonpoint Source Assistance Programs will be funded on a continuous basis from the funds reserved for those programs.

- Goal: Continue to implement the Water Resource Restoration Sponsor Program authorized in Iowa Code 384.84.

Objective 1: During SFY 2023, **SRF staff will receive applications only once this year for Sponsored Project funding.** The application deadline for SFY 2023 was in March 2022, as advertised in the previous SFY 2022 Intended Use Plan. In conjunction with watershed coordinators, Iowa Department of Agriculture and Land Stewardship urban conservationists, and others, SRF staff evaluated the applications and prepared a list of proposed projects for this IUP. **Objective 2: Re-evaluate the Sponsored Project Program process to identify best practices and to establish new practices that can streamline the process and shorten project completion times.**

- Goal: Encourage applicants to engage a registered Municipal Advisor (MA).

Objective: During SFY 2023, 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. Due to current supply chain and contractor availability issues, the costs of projects have been increasing. **The SRF Program will encourage applicants to engage with their MA early in the project planning process to ensure that the community is taking appropriate measures to account for potential increased debt service requirements.** The SRF program will reimburse up to \$4,000 of the MA fee to the borrowers.

- Goal: **Implement the “Build America, Buy American (BABA)” requirements** enacted by Congress in the Bipartisan Infrastructure Law on May 14, 2022.

Objective: During SFY 2023, SRF staff will engage DNR Field Office staff to establish a BABA oversight program. SRF staff will provide information to those applicants required to comply with necessary documentation and inspection procedures. SRF will conduct site visits and provide technical assistance to help applicants determine eligibility for the exemptions and waivers provided for in the Act and EPA guidance.

- Goal: Implement the “Use of American Iron and Steel (AIS)” requirements enacted by Congress on January 17, 2014.

Objective: During SFY 2023, **SRF staff will re-evaluate the AIS oversight program**, retaining best practices and aligning the program with BABA requirements, as needed. SRF staff will provide information to applicants on necessary documentation and inspection procedures and will continue to help applicants determine eligibility for the exemptions and waivers provided for in the Act and EPA guidance. SRF will continue to 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 2023, the Iowa SRF will **fund green projects as required in the FFY 2022 Capitalization Grants and revise Grant Year assignments for 2018-2021 as project costs finalize.** Iowa has already complied with the GPR requirements of previous Capitalization Grants.

- Goal: Continue applying additional subsidization available in FFY 2019-FY2021 Capitalization Grants.

Objective: During SFY 2022 SRF staff plans to approve plans and specifications and execute loans or loan amendments with loan forgiveness to previously assigned recipients for the amounts required in the FFY 2019, FFY2020, and FFY 2021 Capitalization Grants in accordance with previously established criteria (see Appendix C). Iowa has complied with the additional subsidization requirements for all previous Capitalization Grants.

- Goal: Review and revise criteria used to identify eligible applicants for loan forgiveness.

Objective: During SYF 2023, SRF staff will revise the affordability criteria through public review and comment. The SRF intends to utilize the new affordability criteria to identify eligible applicants to receive loan forgiveness from future Capitalization Grants. The SRF intends to implement the new criteria in future quarterly updates as an Appendix to the CWSRF Intended Use Plan.

- Goal: Apply additional subsidization available in FFY 2022 Capitalization Grant.

Objective: During SFY 2023, SRF staff will utilize the revised affordability criteria to assign loan forgiveness for FFY 2022 Capitalization Grant. SRF staff will approve plans and specifications and execute loans or loan



amendments with loan forgiveness for the amounts required in the FFY 2022 Capitalization Grant.

- Goal: Comply with grant reporting conditions.

Objective: During SFY 2023, the Iowa SRF plans to enter data into the CWSRF National Information Management System (NIMS) and **the new EPA reporting database for the Office of Water State Revolving Funds (OWSRF)**.

- 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 EPA guidance on cost and effectiveness requirements under Section 602(b)(13) of the Clean Water Act.

Objective: During SFY 2023, CWSRF will require applicants 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 2023, SRF staff will provide information on the EPA's Sustainability Policy to applicants and include sustainability features in project descriptions.

- Goal: Comply with the EPA Signage Guidance.

Objective: During SFY 2023, 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 2023, 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 state and federal grant and loan programs designed to address both point source and nonpoint source water quality initiatives.

- Goal: Apply program requirements that are simple and understandable and do not add unnecessary burdens to applicants or recipients.

Objectives: During SFY 2023, 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 2023, 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 2023, 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 2023, 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 2023, SRF staff will continue to educate users and potential users about the program offerings through presentations, displays, program materials, and the IowaSRF.com website.

### SFY 2023 Project Priority List (PPL)

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). Attachment 1 constitutes the CWSRF project priority list. This priority list will be amended on a quarterly basis during SFY 2023.

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). More information on priority ranking is available in Appendix B.

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), “P - in planning” and “L - loan signed.”

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.

The following categories of projects will be included for funding during SFY 2023 and are included on Attachment 1:

- **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.
- **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 2023 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 2023 project priority list as received.
- **New Section 212 Projects.** New applications for assistance during SFY 2023 will be accepted on a quarterly basis and will be added to the project priority list if projects are determined to be eligible for funding and the application is complete. Intended Use Plan applications can be found on the [SRF website](#) and on the [DNR Wastewater Construction Permit website](#), and submitted to [srf-iup@dnr.iowa.gov](mailto:srf-iup@dnr.iowa.gov).
- **New General Nonpoint Source Projects including Source Water Protection.** New applications for assistance during SFY 2023 will be accepted on a quarterly basis and will be added to the project priority list if projects are determined to be eligible for funding and the application is complete. Intended Use Plan applications can be found on the SRF website under the “[Other Water Quality Programs](#)” tab and submitted to [srf-](#)

[iup@dnr.iowa.gov](mailto: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.

### **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 CWSRF loan with a sponsored project, the utility borrows for both the wastewater improvement project and the sponsored project. However, 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. In this way, a utility accomplishes two water quality projects 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 2023 for Water Resource Restoration Sponsor Program interest rate reductions is \$5 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 for SFY 2023 were accepted until March 1, 2022. The applications proposed for funding in SFY 2023 are listed in Appendix D.

***Due to program planning purposes, the Sponsored Project Program is temporarily not accepting applications during SFY 2023 (September 2022 and March 2023). Application opportunities are expected to resume in SFY 2024*** for communities or wastewater utilities interested in applying to the SRF Water Resource Restoration Sponsored Project Program. Future quarterly updates to the IUP will provide information on deadlines for pre-application conference calls and application deadlines.

Applicants that are approved for funding will be contacted after the approval of this IUP 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 on the SRF website. Applicants should review the manual information to become familiar with the process.

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.

**Beginning with projects awarded in SFY 2022, Sponsored Project loan amendments must be executed prior to the second principal payment on the sponsoring CWSRF loan or the Sponsored Project award may be withdrawn.**

Explanations of eligible applicants and projects, as well as specific application requirements, are outlined in the SFY 2023 Sponsored Project Application. This information is available on the [Sponsored Project Home Page](#).

## 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 Stormwater 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 2023 Amount
Onsite Wastewater Assistance Program (OSWAP)	\$1.5 million
Local Water Protection Program (LWPP)	\$3.0 million
Livestock Water Quality Facilities Program (LWQ)	\$4.0 million
General Nonpoint Source Program (GNS)*	\$10.0 million
<b>TOTAL</b>	<b>\$18.5 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).*

## 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 approximately \$290 million per year over the next 10 years, or a total of \$2.9 billion. If we assume no additional Capitalization Grants and keep the same interest rates, the CWSRF could loan an average of approximately \$230 million per year over the next 10 years. These figures would increase if we were to increase interest rates.

## Financial Management Strategies

The CWSRF Project Priority List (Attachment 1) shows 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 2023 include \$18.5 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. When funds are needed, 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.

The Iowa SRF program was invited to apply for a loan through EPA's State Infrastructure Financing Authority WIFIA (SWIFIA). SWIFIA is a loan program exclusively for state infrastructure financing authority borrowers. SWIFIA may be used for up to 49 percent of an eligible project's costs that are ready to proceed, meaning construction will commence within 18 months after the Letter of Interest is submitted to EPA. A preliminary list of mostly CWSRF projects eligible for SWIFIA funding has been identified, totaling more than \$500 million. The SRF program is still working through the underwriting process; the timeline for closing the loan is yet to be determined.

The program issued bonds in May 2022, which included the required state match obligations for the FFY 2022 Capitalization Grants (base program and supplemental).

### 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. **Beginning in SFY 2023, loan initiation fees will not be assessed on loans to Disadvantaged Community (DAC) receiving loan forgiveness.**
- 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.** Program Income collected in SFY 2023 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.** A portion of these funds will be used in SRF 2023 for administering the SRF Program.

**Planned Expenses.** CWSRF expenses for administering the SRF include 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 2023 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, American Iron and Steel Site Inspections, 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

In July 2021, the SRF Program was awarded the FFY 2021 Capitalization Grant in the amount of \$21,505,000. **The SRF Program intends to apply for the FFY 2022 Capitalization Grant, when available.** Appendix A to the Intended Use Plan illustrates potential sources and uses of funds in the CWSRF for SFY 2023. 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 typically include the state match for the next federal Capitalization Grants (see Appendix F). On May 5, 2021, IFA issued \$218,290,000 of SRF bonds; no state match funds was necessary at the time of issuance. On May 3, 2022, IFA issued SRF bonds totaling \$206.18 million (\$198.025 million tax-exempt and \$8.155 million taxable). The 2022 bonds included \$3 million of Clean Water state match and \$5.7 million of Drinking Water state match, which was deposited in the respective state match accounts. After SRF bonds are issued, the state match is spent first so the Capitalization Grant can be drawn down at 100% when it is received.

### 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 Tax-Exempt (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%
Taxable Loans (up to 20 years)	All	2.75%	0.25%	3.00%

\*Disadvantaged status for interest rate reduction is 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).

The SRF program continually monitors the market to ensure that our loan interest rates are appropriately while taking the program's cost of funds into account. Any necessary changes to loan interest rates will be communicated via future Intended Use Plans.

**Loan Fees.** A 0.5% origination fee is assessed on the full loan amount for new CWSRF construction loans, with a maximum amount of \$100,000. No origination fees are assessed on planning and design loans. A .25% loan servicing fee

is assessed on construction loans. Payment of the loan servicing fee is made semi-annually with scheduled interest payments (June and December). Loan servicing fees are calculated based 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](#).

**Funding Limitations.** Pending loans identified in this IUP do not exceed funds obtainable for the CWSRF 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. 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 affordability criteria currently used to determine disadvantaged community status for determining the appropriate interest rates for loans is established in Iowa Code 455B.199B. under are under review and will be revised through public review and comment. The SRF intends to implement the new affordability criteria to determine disadvantaged community status in future quarterly updates as an Appendix to the DWSRF Intended Use Plans.

**Municipal Advisor Engagement.** Beginning in SFY 2023, borrowers will be asked to identify their Municipal Advisor for the project as part of the IUP application.

**Rate Ordinance.** Beginning in SFY 2023, prior to closing a construction loan, applicants must demonstrate that appropriate action has been taken to implement the utility rate recommendations of their Municipal Advisor set forth in the 5-year pro-forma cash flow analysis.

**MA engagement Public Bidding Compliance Certification.** Beginning in SFY 2023, to the extent applicable, applicants must provide certification evidencing compliance with public bidding law, pursuant to Iowa Code Chapter 26, prior to closing a construction loan.

### **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
- Quarterly application process and 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. Iowa's CWSRF disbursements averaged approximately \$16.7 million per month in 2020. In 2021, the program disbursed an average of approximately \$19million per month. Average disbursements for SFY 2022 will be provided in future IUP updates.

With a return of \$4.66 for every dollar of federal investment (compared to the national average of \$2.95), 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 2023.

### **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 considered in projecting Iowa's available Capitalization Grant.

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

The SRF Program is evaluating its staffing needs and the Iowa DNR may request U.S. EPA to deduct funds from FFY 2022 Capitalization Grant for the SEE Program if adequate funding does not remain from previous grants to cover planned expenses for this fiscal year. 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."

### **Intended Uses of Set-Asides**

The Bipartisan Infrastructure Bill (BIL) of 2022 allows for the states to use an additional 2 percent of their annual CWSRF Capitalization Grants awarded after November 15, 2022 to provide technical assistance to rural, small and tribal publicly owned treatment works. Iowa intends to use or reserve this set-aside in the application of the FFY 2022 Capitalization Grant.

## **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.** Capitalization Grants include requirements for minimum and maximum percentages of the funds to be allocated for additional subsidization and/or green project reserve (GPR).

**Additional Subsidization:**

Iowa applies additional subsidization in the form of loan forgiveness. Appendix C identifies the criteria used to determine projects and borrowers eligible to receive financial assistance through forgivable loans. Criteria for loan forgiveness eligibility is established with each Capitalization Grant. Individual projects may be capped to allow more eligible borrowers to receive subsidization. Time limits may be established for loan commitments in order to apply loan forgiveness awards from these grants. Construction must begin within 24 months of the loan forgiveness offer or the loan forgiveness offer may be withdrawn or reassigned.

**Green Project Reserve (GPR):**

All CWSRF Programs are required to use a portion of their federal grant for projects that address green infrastructure, water and energy efficiency, or other environmentally innovative activities. Iowa's Nonpoint Source Programs, including the Sponsored Project Program, finance several projects annually which meet this criterion. Specific projects identified as GPR are listed in Appendix C.

Additional subsidization and GPR has been allocated for FFY 2018-2021 Capitalization Grants. The specific projects that have received add subs or been counted for the GPR are listed in Appendix C.

During SFY 2023, Iowa will apply for the FFY 2022 Capitalization Grant. Iowa will comply with additional subsidization and/or green project allocation requirements of that grant and will identify specific recipients of those funds during this fiscal year in Appendix C.

	<b>Add Subs Req'd.</b>	<b>Add Subs Actual</b>	<b>%</b>	<b>GPR Req'd.</b>	<b>GPR Actual</b>	<b>%</b>
2018	\$ 2,172,300	\$ 2,172,300	100%	\$ 2,172,300	\$2,285,000	105%
2019	\$ 2,150,500	\$ 2,150,500	100%	\$ 2,150,500	\$2,667,000	124%
2020	\$ 2,150,800	\$ 2,150,800	100%	\$ 2,150,800	\$2,443,000	114%
2021	\$ 2,150,500	\$ 2,423,952	113%	\$ 2,150,500	\$2,150,500	100%
2022	TBD			TBD		

**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**

The State will follow this IUP in administering CWSRF funds in SFY 2023. 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 without public notification by the procedures of this IUP and state rules for administration of the CWSRF. Adjustments to the Project Priority List to utilize actual funds available to the CWSRF for SFY 2023 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 2023 IUP and Project Priority List was held May 12, 2022, 10:00 a.m. via video 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. Written comments were accepted until May 19, 2022.

## **VII. PROJECT PRIORITY LIST**

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

## APPENDIX A

### ESTIMATED FUNDING SOURCES AND FUNDING USES

Iowa CWSRF State Fiscal Year 2023 Q1  
As of 5/3/2022

Funding Sources	
Funds Available in Equity Fund, Bond Proceeds and Program Accounts	\$323,228,000*
<b>FFY 2022 Capitalization Grant</b>	<b>\$31,493,000**</b>
<b>State Match Bond Proceeds for FFY 2022 Capitalization Grants</b>	<b>\$402,000**</b>
SWIFIA - FY23 Draws from Loan	\$36,457,000**
Equity Fund and Program Interest Earnings	\$14,000
Loan Repayments	\$128,206,000
<b>Total Funding Sources</b>	<b>\$519,800,000</b>
Funding Uses	
Undisbursed Amounts Committed to Existing Loans (60% disbursement rate)	\$143,414,000
Section 212 Project Requests (FNSI/CX issued; 40% disbursement rate)	\$96,003,000
Section 212 Project Requests (FNSI/CX not issued; 25% disbursement rate)	\$130,358,000
Planning & Design Requests (50% disbursement rate)	\$13,232,000
Non-Point Source Program Assistance	\$22,800,000
Principal Payments on Outstanding Bonds	\$48,670,000
Interest Payments on Outstanding Bonds	\$64,063,000
Program Administration from FFY22 Capitalization Grant	\$1,260,000**
<b>Total Funding Uses</b>	<b>\$519,800,000</b>

\*Funds Available for disbursements as of 5/3/2022

\*\*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 (FNSI) or Categorical Exclusion (CX) issued, it is expected that up to 25% 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 40% 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.

Currently Iowa is able to fund all projects that are eligible.

## 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 to 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 as 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 as 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

### LOAN FORGIVENESS

#### **A. Borrowers Receiving Additional Subsidization**

Iowa applies additional subsidization in the form of loan forgiveness. Criteria for loan forgiveness eligibility is established with each Capitalization Grant (see below). Individual projects may be capped to allow more eligible borrowers to receive subsidization. Time limits may be established for loan commitments in order to apply loan forgiveness awards from these grants. Construction must begin within 24 months of the loan forgiveness offer or the loan forgiveness offer may be withdrawn or reassigned.

For FFY 2018-2021 Capitalization Grants, a minimum of 10% of the state's allocation of grants funds are required to be allocated as additional subsidization. Eligibility criteria is described below.

During SFY 2023, Iowa will apply for the FFY 2022 Capitalization Grant. A minimum of 10% of the state's allocation of grants funds are required to be allocated as additional subsidization. The SRF Program will comply with additional subsidization requirements of that grant and will identify recipients of those funds during this fiscal year. Eligibility criteria is described below.

#### **Loan Forgiveness Criteria for FFY 2018-FFY2021 Capitalization Grants**

Loan forgiveness of up to 30% may be offered to eligible projects for communities designated as a **Disadvantaged**

**Community (DAC)** in accordance with the disadvantaged community rule in Iowa Code 455B.199B (see below). Funding for individual projects is capped at \$1 million per project.

Beginning in FFY 2020, eligible projects from unsewered communities designated as a **Disadvantaged Unsewered Community (DUC)** in accordance with the disadvantaged community rule in Iowa Code 455B.199B (see below) may receive up to 50% loan forgiveness. Funding for individual projects is capped at \$1 million per project.

***Disadvantaged Community Affordability Criteria:***

The Iowa DNR disadvantaged community rules implement Iowa Code 455B.199B, which establishes criteria for the Iowa DNR to use when determining if ratepayers or a community will experience substantial and widespread economic and social impact and qualify as disadvantaged. For more information on how to qualify as a [disadvantaged community](#), visit the Iowa DNR's Water Quality page.

At the conclusion on SFY 2022, all of the loan forgiveness funds through Capitalization Grant 2021 were allocated (see below). As loans close during SFY 2023, additional loan forgiveness may become available for reallocation. The SRF Program may withdraw the individual project cap if additional funding becomes available. Projects that were capped will have priority for reallocated funds.

Project	SRF Project #	Loan Amount*	Amount Ad Sub**	Grant Year Reported
Calmar	CS1920823-01	\$2,977,000.00	\$872,474.26	2017
Perry	CS1920954-01	\$28,900,000.00	\$20,626.00	2017 Reallocation
Lake View	CS1920828-01	\$6,700,000.00	\$155,800.00	2017
Lave View	CS1920828-01	\$6,700,000.00	\$844,200.00	2018
St Donatus	CS1920773-01	\$300,000.00	\$90,000.00	2018
St Donatus	CS1920773-R1	\$452,927.75	\$135,878.33	2018
Perry	CS1920954-01	\$28,900,000.00	\$877,222.00	2018 Reallocation
Coralville	GNS 10-04	\$750,000.00	\$225,000.00	2018
Woodward	CS1920814-01	\$5,424,041.03	\$1,000,000.00	2019
Everly	CS1920906-01	\$3,289,000.00	\$986,700.00	2019
Charles City	CS1920876-01	\$17,575,000.00	\$163,800.00	2019
Charles City	CS1920876-01	\$17,575,000.00	\$836,200.00	2020
Dougherty	CS1920993-01	\$865,000.00	\$432,550.00	2020
Osceola	CS1920878-01	\$25,554,000.00	\$882,100.00	2020
Osceola	CS1920878-01	\$25,554,000.00	\$117,900.00	2021
New Albin	CS1920871-01	\$1,860,000.00	\$558,000.00	2021
Frederika	CS1921013-01	\$2,153,000.00	\$645,900.00	2021
Perry	CS1920954-01	\$28,900,000.00	\$102,152.00	2021
McGregor	CS1920974-01	\$4,934,000.00	\$1,000,000.00	2021

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

\*\*Capped at \$1 million (through grant year 2021)

**Loan Forgiveness Criteria for FFY 2022 Capitalization Grant**

Loan forgiveness will be offered based on affordability and project type. **During SFY 2023, the Iowa SRF Program will evaluate the affordability criteria currently used to determine disadvantaged community status for loan forgiveness purposes and will revise these criteria through public review and comment. The percent of loan forgiveness offered to each eligible project will also be determined through these revised criteria.** The DNR intends to implement the new

affordability criteria in future quarterly updates. The funding for individual projects may be capped.

Loan forgiveness for FFY 2022 Capitalization Grant will be offered to the following eligible Priority Project Categories:

- Consolidation/Regionalization
- Sewer Rehabilitation
- Advanced Treatment (Ammonia, E.coli, Nutrient limits)
- Combined Sewer Overflow
- Secondary Treatment
- Resiliency Projects (including climate, physical and cyber security)
- Clean Fuels/Green Projects

### **B. Borrowers Counted for Green Project Reserve (GPR)**

For FFY 2018-2021 Capitalization Grants, a minimum of 10% of the grant funds are required to be used on Green Projects. At the conclusion on SFY 2022, all of the projects designated as Green Project Reserve have been identified through Capitalization Grant 2021 (see below).

During SFY 2023, Iowa will apply for the FFY 2022 Capitalization Grant. The SRF Program will comply with green project reserve allocation requirements of that grant and will identify recipients of those funds during this fiscal year.

<b>Project</b>	<b>SRF Project #</b>	<b>Loan Amount*</b>	<b>Amount GPR</b>	<b>Grant Year Reported</b>
Coralville	GNS 10-04	750,000.00	225,000.00	2018
Dyersville	WRR15-006	450,000.00	260,000.00	2018
Des Moines	WRR18-030	1,000,000.00	1,000,000.00	2018
Fort Dodge	WRR15-017	800,000.00	800,000.00	2018
Hampton	WRR14-004	633,300.00	421,000.00	2019
Des Moines	WR16-013	1,150,000.00	1,150,000.00	2019
Waukee	WRR16-010	920,000.00	920,000.00	2019
Des Moines	WRR18-013	750,000.00	750,000.00	2020
Clinton	WRR18-021	43,000.00	743,000.00	2020
Ogden	WRR17-009	481,000.00	481,000.00	2020
Lake View	WRR17-010	469,000.00	469,000.00	2020
Coralville	WRR16-004	2,700,000.00	2,150,500.00	2021

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

## APPENDIX D

### SFY 2023 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 may be withdrawn.

Applicant	Proposed Watershed and Project Description	Proposed Partners	Date Approved
City of Maquoketa	Implement edge-of-field, in-field, and stream erosion practices in the Prairie-Union Creek Watershed to improve native mussel habitat and reduce sediment runoff into Prairie Creek, a tributary of the Maquoketa River. Potential practices include: constructed wetlands, grassed waterways, bioswales, buffer strips, conversion to native perennial vegetation, and stream bank stabilization.	Maquoketa River Watershed Management Authority; Limestone Bluffs RC&D; NRSC-Maquoketa; IDALS	TBD 6/21/2022
City of Waukee	Improve water quality in the Walnut Creek Watershed by stabilizing and restoring 6,500 LF of Little Walnut Creek, within the Little Walnut Creek Greenway, between Warrior Lane and the Clive/Urbandale corporate limits.	Polk County SWCD; Walnut Creek WMA; City of Clive	TBD 6/21/2022
City of Clinton	Implement stormwater best management practiced to improve water quality in the Mill Creek-Mississippi River Watershed. Potential projects include: a large stormwater wetland, streambank restoration, wet detention ponds, the addition of pre-treatment at an existing grass swale, and outfall fortifications.	IDALS, DNR, Clinton Community College, Clinton Parks & Rec	TBD 6/21/2022
City of Earlham	Implement stormwater best management practices to improve water quality within the city of Earlham and reduce the amount of nutrients, sediment, and bacteria that travel downstream to Bear Creek and the South Raccoon River. Potential projects include: stormwater wetlands, bioretention cells, extended detention ponds, permeable pavers, and stream restoration.	IDALS, DNR, Madison County Conservation	TBD 6/21/2022

## 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

FY20	Cap Grant Amount	State Match Needed	Excess State Match
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>
DW State Match from Feb 2019 Bond Issue		\$3,681,500	
Excess State Match Carried Forward		\$0	
<b>Total DW State Match Available</b>		<b>\$3,681,500</b>	
<b>FY20 DW Cap Grant</b>	<b>\$17,443,000</b>	<b>\$3,488,600</b>	<b>\$192,900</b>
<hr/>			
FY21	Cap Grant Amount	State Match Needed	Excess State Match
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>\$21,505,000</b>	<b>\$4,301,000</b>	<b>\$5,896,400</b>
DW State Match from Feb 2020 Bond Issue		\$8,000,000	
Excess State Match Carried Forward		\$192,900	
<b>Total DW State Match Available</b>		<b>\$8,192,900</b>	
<b>FY21 DW Cap Grant</b>	<b>\$17,427,000</b>	<b>\$3,485,400</b>	<b>\$4,707,500</b>
<hr/>			
FY22	Cap Grant Amount	State Match Needed	Excess State Match
CW State Match from May 2022 Bond Issue		\$3,000,000	
Excess State Match		\$5,896,400	
<b>Total CW State Match Available</b>		<b>\$8,896,400</b>	
<b>FY22 CW Cap Grant (20% match)*</b>	<b>\$31,493,280</b>	<b>\$6,298,656</b>	
<b>FY22 CW Supplemental (10% match)</b>	<b>\$24,088,000</b>	<b>\$2,408,800</b>	
		<b>\$8,707,456</b>	<b>\$188,944</b>
DW State Match from May 2022 Bond Issue		\$5,700,000	
Excess State Match		\$4,707,500	
<b>Total DW State Match Available</b>		<b>\$10,407,500</b>	
<b>FY22 DW Cap Grant (20% match)*</b>	<b>\$37,141,680</b>	<b>\$7,428,336</b>	
<b>FY22 DW Supplemental (10% match)</b>	<b>\$28,504,000</b>	<b>\$2,850,400</b>	
		<b>\$10,278,736</b>	<b>\$128,764</b>

\*Represents allocation amount. Final appropriation forthcoming.

# FY 2023 INTENDED USE PLANS DRINKING WATER STATE REVOLVING FUND



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## I. STATE FISCAL YEAR 2023 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 2023 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 2023 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.

There have been changes to the DWSRF Program due to federal legislation in this past year and program updates are anticipated in SFY 2023. New goals have been established to meet those requirements and adjust programs to available staff.

The SFY 2023 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 2023, applications will be accepted quarterly and 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 2023, 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 2022, 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. Due to current supply chain and contractor availability issues, the costs of projects are increasing. **The SRF Program will encourage applicants to engage with their MA early and often in the project planning process to ensure that the community is taking appropriate measures to account for potential increased debt service requirements.** The SRF Program will reimburse up to \$4000 of the MA fee to the borrowers.

- Goal: **Implement the “Build America, Buy American (BABA)” requirements** enacted by Congress in the Bipartisan Infrastructure Law on May 14, 2022.

Objective: During SFY 2023, SRF staff will engage DNR Field Office staff to establish a BABA oversight program. SRF staff will provide information to those applicants required to comply with necessary documentation and inspection procedures. SRF will conduct site visits and provide technical assistance to help applicants determine eligibility for the exemptions and waivers provided for in the Act and EPA guidance.

- Goal: Implement the “Use of American Iron and Steel (AIS)” requirements enacted by Congress on January 17, 2014.

Objective: During SFY 2023, **SRF staff will re-evaluate the AIS oversight program**, retaining best practices and aligning the program with BABA requirements, as needed. SRF staff will provide information to applicants on necessary documentation and inspection procedures and will continue to help applicants determine eligibility for the exemptions and waivers provided for in the Act and EPA guidance. SRF will continue to engage DNR Field Office staff to conduct site visits and provide technical assistance.

- Goal: Continue applying additional subsidization available in FFY 2019-FY2021 Capitalization Grants to disadvantaged community projects and public health projects.

Objective: During SFY 2023, SRF staff plans to approve plans and specifications and execute loans or loan amendments with loan forgiveness for the amounts required in the FFY 2019, FFY2020, and FFY 2021 Capitalization Grants in accordance with previously established criteria (see Appendix C). Iowa has complied with the additional subsidization requirements for all previous Capitalization Grants.

- Goal: Review and revise criteria used to define disadvantaged communities and identify eligible applicants for loan forgiveness.

Objective: During SYF 2023, SRF staff will revise the affordability criteria currently used to determine disadvantaged community status through public review and comment. The SRF intends to utilize the new affordability criteria to determine disadvantaged community status and to identify other eligible applicants to receive loan forgiveness from future Capitalization Grants. The SRF will implement the new criteria in future quarterly updates as an Appendix to the DWSRF Intended Use Plan.

- Goal: Apply additional subsidization available in FFY 2022 Capitalization Grant

Objective: During SFY 2023, SRF staff will utilize the revised affordability criteria and disadvantaged community definition to assign loan forgiveness for FFY 2022 Capitalization Grant. SRF staff will approve plans and specifications and execute loans or loan amendments with loan forgiveness for the amounts required in the FFY 2022 Capitalization Grant.

- Goal: Promote and identify sustainable practices in projects proposed for funding.

Objective: During SFY 2023 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 2023, the Iowa SRF plans to enter data into the DWSRF National Information Management System (NIMS) and the new EPA reporting database for the Office of Water State Revolving Funds (OWSRF).

- 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 2023 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: Work with other state and federal agencies to coordinate water quality funding.

Objective: During SFY 2023, 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 state and federal grant and loan programs designed to address both point source and nonpoint source water quality initiatives.

- Goal: Apply program requirements that are simple and understandable and do not add unnecessary burdens to applicants or recipients.

Objectives: During SFY 2023 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 2023 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 2023 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 2023 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 2023 SRF staff will continue to educate users and potential users about the program offerings through presentations, displays, program materials, and the IowaSRF.com website.

### **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 approximately \$155 million per year over the next 10 years, or a total of \$1.55 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 approximately \$130 million per year over the next 10 years. These figures would increase if we were to increase interest rates.

### **Financial Management Strategies**

The DWSRF Project Priority List (Attachment 1) shows 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 typically 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 so no additional state match funds were included in the May 2021 bond issue. The program issued bonds in May 2022, which included the required state match obligations for the FFY 2022 Capitalization Grants (base program and supplemental).

### **SFY 2022 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" and "L - loan signed."

The following categories of projects will be included for funding during SFY 2023:

**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 2023 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](#) and on the [DNR Drinking Water State Revolving Loan Fund website](#) 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 a preliminary engineering report and project specifications. The loans will be rolled into DWSRF 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.

**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.** Capitalization Grants include requirements for minimum and maximum percentages of the funds to be allocated for additional subsidization and/or green project reserve (GPR). Beginning in FFY 2019 Capitalization, the Safe Drinking Water Act (SDWA) requires an additional percentage of Capitalization Grant dollars to be allocated for additional subsidization to Disadvantaged Communities (DAC). Iowa will comply with these requirements.

**The Disadvantaged Community (DAC) definition is discussed in Appendix C.**

**Additional Subsidization:**

Iowa applies additional subsidization in the form of loan forgiveness. Appendix C identifies the criteria used to determine projects and borrowers eligible to receive financial assistance through forgivable loans. Criteria for loan forgiveness eligibility is established with each Capitalization Grant. Individual projects may be capped to allow more eligible borrowers to receive subsidization. Time limits may be established for loan commitments in order to apply loan forgiveness awards from these grants. Construction must begin within 24 months of the loan forgiveness offer or the loan forgiveness offer may be withdrawn or reassigned.

During SFY 2023, Iowa will continue to assign additional subsidization to projects according to available funding and designated criteria. The specific projects that have been allotted loan forgiveness are listed in Appendix C.

	Add Subs Req'd.	Add Subs Actual	%	DAC Req'd.	DAC Actual	%
2018	\$ 3,519,400	\$ 3,519,400	100%	N/A	N/A	N/A
2019	\$ 3,486,400	\$ 2,833,248	81%	\$ 1,045,920	\$ 1,045,920	100%
2020	\$ 2,442,020	\$0	0%	\$ 1,046,580	\$ 1,046,580	100%
2021	\$ 2,439,780	\$0	0%	\$ 1,045,620	\$ 1,268,000	121%
2022	TBD			TBD		

## 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 (Attachment 1).

### Sources and Uses of Available DWSRF Funds

Iowa received \$17,427,000 for the FFY 2021 Capitalization Grant in November 2021. **The SRF Program intends to apply for the FFY 2022 Capitalization Grant, when available.** Appendix A to the Intended Use Plan illustrates potential sources and uses of funds in the DWSRF for SFY 2023. 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 typically include the state match for the next federal Capitalization Grants (see Appendix D). On May 5, 2021, IFA issued \$218,290,000 million of SRF bonds; no additional state match funds were necessary at the time and were not included in the 2021 bond issue. On May 3, 2022, IFA issued SRF bonds totaling \$206.18 million (\$198.025 million tax-exempt and \$8.155 million taxable). The 2022 bonds included \$3 million of Clean Water state match and \$5.7 million of Drinking Water state match, which was deposited in the respective state match accounts. After SRF bonds are issued, the state match is spent first so the Capitalization Grant can be drawn down at 100% when it is received.

The Iowa SRF program was invited to apply for a loan through EPA's State Infrastructure Financing Authority WIFIA (SWIFIA) program. SWIFIA is a loan program exclusively for State infrastructure financing authority borrowers. SWIFIA may be used for up to 49 percent of an eligible project's costs that are ready to proceed, meaning construction will commence within 18 months after the Letter of Interest is submitted to EPA. A preliminary list of mostly CWSRF projects eligible for SWIFIA funding has been identified, totaling more than \$500 million. The SRF program is still working through the underwriting process; the timeline for closing the loan is yet to be determined.

### 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 Tax-Exempt (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.

Loan Term	Applicant Type	Interest Rate	Servicing Fee	Total	Additional Information
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.
Taxable Loans (up to 20 years)	All	2.75%	0.25%	3.00%	

The SRF program continually monitors the market to ensure that our loan interest rates are appropriately while taking the program's cost of funds into account. Any necessary changes to loan interest rates will be communicated via future Intended Use Plans.

**Loan Fees.** A 0.5% origination fee is assessed 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 assessed on planning and design loans. A 0.25% loan servicing fee will be assessed on construction loans. Payment of the loan servicing fee is made semi-annually along with scheduled interest payments. Loan servicing fees are calculated based 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](#).

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

**Municipal Advisor Engagement.** Beginning in SFY 2023, borrowers will be asked to identify their Municipal Advisor for the project as part of the IUP application.

**Rate Ordinance.** Beginning in SFY 2023, prior to closing a construction loan, applicants must demonstrate that appropriate action has been taken to implement the utility rate recommendations of their Municipal Advisor set forth in the 5-year pro-forma cash flow analysis.

**Public Bidding Compliance Certification.** Beginning in SFY 2023, to the extent applicable, applicants must provide certification evidencing compliance with public bidding law, pursuant to Iowa Code Chapter 26, prior to closing a construction loan.

**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. 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. The affordability criteria currently used to determine disadvantaged community status are under review and will be revised through public review and comment. The SRF intends to implement the new affordability criteria to determine disadvantaged community status in future quarterly updates as an Appendix to the DWSRF Intended Use Plans.

***For Capitalization Grants through FFY 2021:***

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. 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%.

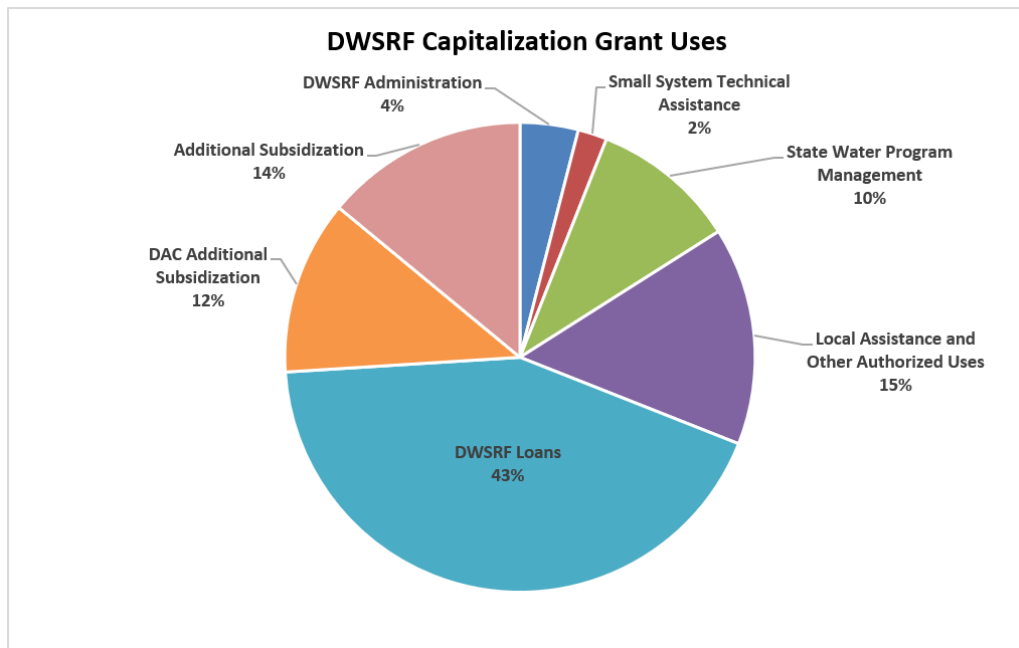
**For Capitalization Grants beginning with FFY 2022:**

During SFY 2023, the Iowa SRF Program will evaluate the affordability criteria currently used to determine disadvantaged community status and will revise these criteria through public review and comment. The SRF intends to implement the new affordability criteria to determine disadvantaged community status in future quarterly updates as an Appendix to the DWSRF Intended Use Plan. For borrowers designated as disadvantaged under the new criteria, the interest rate on extended term loans will be 1.75%. For non-disadvantaged borrowers, the interest rate will be 2.75%.

**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 2022 workplan and will switch to the SFY 2023 workplan during the fiscal year. 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



**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. Funds are also used by the Field Office water supply staff to provide technical assistance and compliance follow-up to small system operators.

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
- Field Office water supply staff conducting sanitary survey inspections at water supplies, as required by the Safe Drinking Water Act.

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 included 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. **Beginning in SFY 2023, loan initiation fees will not be assessed on loans to Disadvantaged Community (DAC) receiving loan forgiveness.**
- 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.** A portion of these funds will be used in SFY 2023 for program administration, and the remainder will be reserved for future administrative expenses. Income is replenished throughout the fiscal year by funds received from loan initiation fees as described above.

**Non-program Income.** A portion of these funds may be used in SFY 2023 to fund some of the activities completed under the State Program Management set-aside. A portion of these funds may be used in SFY 2023 toward Drinking Water Laboratory Certification and Capacity initiatives. Income is replenished throughout the fiscal year by funds received from loan servicing fees as described above.

### SEE Salary Funds Deducted from Capitalization Grant

The SRF Program is evaluating its staffing needs and the Iowa DNR may request U.S. EPA to deduct funds from FFY 2022 Capitalization Grant for the SEE Program if adequate funding does not remain from previous grants to cover planned expenses for this fiscal year. These positions are 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 will continue the project of developing 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. When Capitalization Grants are awarded, those funds are drawn down first based on guidance from the U.S. EPA. Loan disbursements are made weekly. Iowa's DWSRF disbursements averaged approximately \$4.6 million per month in 2020. In SFY2021, the program disbursed an average of approximately \$6.2 million per month. Average disbursements for SFY 2022 will be provided in future IUP updates.

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 \$3.10 for every dollar of federal investment (compared to the national average of \$2.07), 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 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 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

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 2023. 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 without public notification by the procedures of this IUP and state rules for administration of the DWSRF. Adjustments to the Project Priority List to utilize actual funds available to the DWSRF for SFY 2023 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 2022 IUP and Project Priority List was held May 12, 2022, 10:00 a.m. via virtual 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. Written comments were accepted until until May 19, 2022.

## **VII. PROJECT PRIORITY LIST**

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

## APPENDIX A ESTIMATED FUNDING SOURCES AND FUNDING USES

Iowa DWSRF State Fiscal Year 2023, Q1  
As of 5/3/2022

Funding Sources for Loans	
Funds Available in Equity Fund, Bond Proceeds and Program Accounts	\$164,425,000*
<b>FFY 2022 Capitalization Grant</b>	<b>\$25,628,000**</b>
<b>State Match Bond Proceeds for FFY 2022 Capitalization Grants</b>	<b>\$2,721,000**</b>
SWIFIA - FY23 Draws from Loan	\$0**
Equity Fund and Program Interest Earnings	\$29,000
Loan Repayments	\$52,359,000
<b>Total Funding Sources for Loans</b>	<b>\$245,162,000</b>
Funding Uses for Loans	
Undisbursed Amounts Committed to Existing Loans (95% disbursement rate)	\$63,022,000
Project Requests (FONSI/CE issued; 85% disbursement rate)	\$67,675,000
Project Requests (FONSI/CE not issued; 80% disbursement rate)	\$85,358,000
Planning & Design Requests (50% disbursement rate)	\$1,448,000
Principal Payments on Outstanding Bonds	\$16,670,000
Interest Payments on Outstanding Bonds	\$10,989,000
<b>Total Funding Uses for Loans</b>	<b>\$245,162,000</b>

\* Funds Available for disbursements as of 5/3/22

\*\* Estimate 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 80% 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 FONSI/CX clearance, the disbursement rate is estimated at 85% of the loan request amount.

All amounts rounded to the nearest \$1,000

***Sources and Uses for DW Set Asides will be updated in the next IUP after the Workplan is approved***

Funding Sources for Set Asides (Includes FFY20 & previous Cap Grants)	
Administration	\$737,000
Small Systems Technical Assistance	\$221,000
State Program	\$1,948,000
Other Authorized Activities	\$1,029,000
<b>Total Funding Sources for Loans</b>	<b>\$3,935,000</b>
Funding Uses for Set Asides	
Set Asides: Administration	\$737,000
Small Systems Technical Assistance	\$221,000
State Program	\$1,948,000
Other Authorized Activities	\$1,029,000
<b>Total Uses for Set Asides</b>	<b>\$3,935,000</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 2022 application period were considered for funding in SFY 2022; if not funded by the end of SFY 2022, these projects will be moved to the SFY 2023 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 2022, 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

Iowa applies additional subsidization in the form of loan forgiveness. Criteria for loan forgiveness eligibility is established with each Capitalization Grant (see below). Individual projects may be capped to allow more eligible borrowers to receive subsidization. The cap may be removed at any time if additional funding is available. Time limits may be established for loan commitments in order to apply loan forgiveness awards from these grants. Construction must begin within 24 months of the loan forgiveness offer or the loan forgiveness offer may be withdrawn or reassigned.

For FFY 2018-2019 Capitalization Grants, a minimum of 20% of the state's allocation of grants funds are required to be allocated as additional subsidization. Eligibility criteria for each of these grants is described below.

For FFY 2020-2021 Capitalization Grants, a minimum of 14% of the state's allocation of grants funds are required to be allocated as additional subsidization and an additional 6% is required to assist Disadvantaged Communities (DAC), according to the state's definition (see below). Eligibility criteria for each of these grants is described below.

During SFY 2023, Iowa will apply for the FFY 2022 Capitalization Grant. A minimum of 14% of the state's allocation of grants funds are required to be allocated as additional subsidization. An additional 12% of the state's allocation of grant funds are required to be allocated as additional subsidization to Disadvantaged Communities (DAC), according to the state's definition (see below). The SRF Program will comply with additional subsidization requirements of that grant and will identify recipients of those funds during this fiscal year. Eligibility criteria is described below.

#### **Loan Forgiveness Criteria for FFY 2018 Capitalization Grant:**

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)

**Loan Forgiveness Criteria for FFY 2019-FFY 2021 Capitalization Grant:**

Loan forgiveness will be offered only to the Public Health (PH) category. All projects receiving loan forgiveness from FFY 2019-2021 Capitalization Grants were capped at \$1 million dollars. 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)

During SFY 2023, the SRF Program may elect to remove the cap from one or both of these Public Health categories and assign additional subsidization to previously awarded projects if reallocated funds and/or unassigned loan forgiveness is available.

Specific projects that have been allocated additional subsidization and/or designated as green project reserve for FFY 2018-FFY2021 are listed below. During SFY 2023, the SRF Program will continue to identify eligible projects and list them in this Appendix C with quarterly updates to the IUP.

Type	Project	Loan Amount**	Amount Green Project Reserve	Amount Additional Subsidization*	DAC Additional Subsidization*	Grant Year Reported
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	\$113,000		\$81,699		2018
G	Cushing	\$61,100	\$18,330	\$18,330		2018
EP	Cushing	\$36,555		\$27,416		2018
PH/C	Manson	\$7,068,000		\$10,859		2018 Reallocated
G	Rathbun RWA	\$2,902,945	\$2,902,945	\$1,000,000		2018
PH/C	Dedham	\$402,000		\$309,094		2019
PH	Albion	\$693,000		\$347,500		2019
PH/C	MacBride Point	\$178,000		\$133,500		2019
PH/C	Bagley	\$804,000		\$603,000		2019
PH/C	Manson	\$7,068,000		\$989,141		2019
PH/C	Woodland Ridge	\$638,000		\$451,013		2019
DAC	Early	\$3,921,000			\$1,000,000	2019
DAC	Armstrong	\$1,100,000			\$45,920	2019
DAC	Armstrong	\$1,100,000			\$504,080	2020
DAC	Thor	\$408,000			\$204,000	2020
DAC	Lanesboro	\$3,557,000			\$338,500	2020
DAC	Lanesboro	\$3,557,000			\$661,500	2021
DAC	Jamaica	\$2,769,400			\$1,000,000	2021

\*Cap of \$1 million (through grant year 2021)

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

**Loan Forgiveness Criteria for FFY 2022 Capitalization Grant:**

Loan forgiveness will be offered based on affordability criteria (see disadvantaged community definition below) and project type. The percent of loan forgiveness offered to each eligible project will also be determined through affordability criteria. Funding for individual projects may be capped. Loan forgiveness for FFY 2022 Capitalization Grant will be offered to the following eligible Priority Project Categories:

- Public Health (including Public Health Advisories and MCL violations)
- Consolidation/Regionalization
- Resiliency Projects (including climate, physical and cyber security)
- Clean Fuels/Green Projects

The SRF Program intends to review each IUP application received for loan forgiveness eligibility.

**Disadvantaged Communities Definition.**

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 by the State in which the public water system is located. (42 U.S.C. 300j-12 (d)(3))

***For Capitalization Grants through FFY 2021:***

Disadvantaged communities are areas where 51 percent of the residents are low-and moderate-income persons. These communities are identified by survey data published by Housing and Urban Development (HUD) for the Community Development Block Grant (CDBG). 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.

***For FFY 2022 Capitalization Grant:***

During SFY 2023, the Iowa SRF Program will evaluate the affordability criteria currently used to determine disadvantaged community status for loan forgiveness purposes and will revise these criteria through public review and comment. The goal of this revision is to expand environmental equality and ensure SRF is reaching communities most in need of assistance. The DNR intends to implement the new affordability criteria used to determine disadvantaged community status in future quarterly updates in this Appendix to the DWSRF Intended Use Plan.



## APPENDIX D STATE MATCH

FY20	Cap Grant Amount	State Match Needed	Excess State Match
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>
DW State Match from Feb 2019 Bond Issue		\$3,681,500	
Excess State Match Carried Forward		\$0	
<b>Total DW State Match Available</b>		<b>\$3,681,500</b>	
<b>FY20 DW Cap Grant</b>	<b>\$17,443,000</b>	<b>\$3,488,600</b>	<b>\$192,900</b>
FY21	Cap Grant Amount	State Match Needed	Excess State Match
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>\$21,505,000</b>	<b>\$4,301,000</b>	<b>\$5,896,400</b>
DW State Match from Feb 2020 Bond Issue		\$8,000,000	
Excess State Match Carried Forward		\$192,900	
<b>Total DW State Match Available</b>		<b>\$8,192,900</b>	
<b>FY21 DW Cap Grant</b>	<b>\$17,427,000</b>	<b>\$3,485,400</b>	<b>\$4,707,500</b>
FY22	Cap Grant Amount	State Match Needed	Excess State Match
CW State Match from May 2022 Bond Issue		\$3,000,000	
Excess State Match		\$5,896,400	
<b>Total CW State Match Available</b>		<b>\$8,896,400</b>	
<b>FY22 CW Cap Grant (20% match)*</b>	<b>\$31,493,280</b>	<b>\$6,298,656</b>	
<b>FY22 CW Supplemental (10% match)</b>	<b>\$24,088,000</b>	<b>\$2,408,800</b>	
		<b>\$8,707,456</b>	<b>\$188,944</b>
DW State Match from May 2022 Bond Issue		\$5,700,000	
Excess State Match		\$4,707,500	
<b>Total DW State Match Available</b>		<b>\$10,407,500</b>	
<b>FY22 DW Cap Grant (20% match)*</b>	<b>\$37,141,680</b>	<b>\$7,428,336</b>	
<b>FY22 DW Supplemental (10% match)</b>	<b>\$28,504,000</b>	<b>\$2,850,400</b>	
		<b>\$10,278,736</b>	<b>\$128,764</b>

\*Represents allocation amount. Final appropriation forthcoming.

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

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ITEM

#19

DECISION

TOPIC

Grant funding for two Environmental Management System (EMS) Proposals

**Applications and Recommendations:**

DNR received five grant applications from EMS participants, requesting a total of \$162,539 in financial assistance. During the EMS grant review process, four proposals were recommended for funding, totaling \$143,779 in financial assistance. DNR is seeking EPC approval for funding the two proposals in which over \$25,000 of financial assistance was requested, totaling \$94,405. These proposals are described in Attachment #1.

**Contract Selection Process:**

The EMS grant review committee was composed of the following representatives: Department of Natural Resources (2), Iowa Society of Solid Waste Operations, Iowa Recycling Association, the Iowa Waste Exchange and industry. Review Committee members independently evaluated each application based on its relevance to EMS program areas, its potential environmental impact and sustainability of the project. Recommendations were decided after each proposal was discussed by the five members who attended the May 3, 2022 review committee meeting.

**Background and Funding Source**

The Iowa Solid Waste EMS program was established pursuant to 2008 Legislation (House File 2570) as a voluntary alternative to comprehensive planning. Under the program, DNR supports designated solid waste agencies in building their own EMS and actively pursuing environmental stewardship goals beyond waste reduction. Iowa Code section 455J.7 authorizes the EPC to allocate funds to reward EMS participants for operating in an innovative, cost-effective, technologically advanced, and environmentally sensitive manner. Funds are available from the Solid Waste Alternatives Program account within the Groundwater Protection Fund.

Laurie Rasmus, Program Planner  
Environmental Services Division – Financial and Business Assistance  
June 21, 2022

**Attachment #1**

Commission approval is being request for the following proposals.

<b>Cedar Rapids Linn County Solid Waste Agency</b>	<b>Requested Amount/Award:</b>	<b>\$56,136</b>
	<b>Cash Match:</b>	<b>\$18,715</b>
	<b>Total Project Cost:</b>	<b>\$74,851</b>
<b>Project Title:</b>	Cardboard Diversion	
<b>Description:</b>	<p>The applicant is proposing to purchase and install a cardboard baler at the Agency's Resource Recovery Building in Marion, Iowa. The new baler will be used to further the Agency's efforts to increase the amount of cardboard recycled and diverted from landfill disposal. The Agency will promote the drop-off of cardboard program with media campaigns.</p> <p>This project is associated with an EMS Recycling Services objective/target to increase diversion of old corrugated containers (OCC) to 650 tons during FY2023, a 199 ton increase from a FY2019 baseline of 451 tons.</p>	

<b>Metro Waste Authority</b>	<b>Requested Amount/Award:</b>	<b>\$38,269</b>
	<b>Cash Match:</b>	<b>\$12,756</b>
	<b>Total Project Cost:</b>	<b>\$51,025</b>
<b>Project Title:</b>	Stationary Propane Recycling Unit	
<b>Description:</b>	<p>The applicant is proposing to purchase and build a stationary propane recycling unit at the Metro Park East Landfill in Mitchellville to divert one-pound bottles and 20-gallon tanks from the landfill and capture the leftover propane for reuse. The unit to be purchased will efficiently capture excess propane from up to six containers and puncture a hole in each bottle and tank, permitting the cylinders to be safely recycled as scrap metal. Containers collected at MWA's Household Hazardous Waste Drop Off site in Bondurant as well as its satellite household hazardous material collection sites across twenty Iowa counties will be processed in the new unit. To promote the program, MWA Public Affairs Department will implement a marketing plan to promote the service.</p> <p>The project is associated with an EMS Household Hazardous Materials Collection objective/target to increase the number of propane containers recycled to 1,500 bottles and tanks during Fiscal Year (FY) 2023, an increase of 413 from a FY2021 baseline of 1,087 bottles and tanks.</p>	