




**SRF**  
IOWA  
**STATE**  
REVOLVING FUND

PARTNERSHIP WITH THE IOWA FINANCE AUTHORITY  
AND THE IOWA DEPARTMENT OF NATURAL RESOURCES

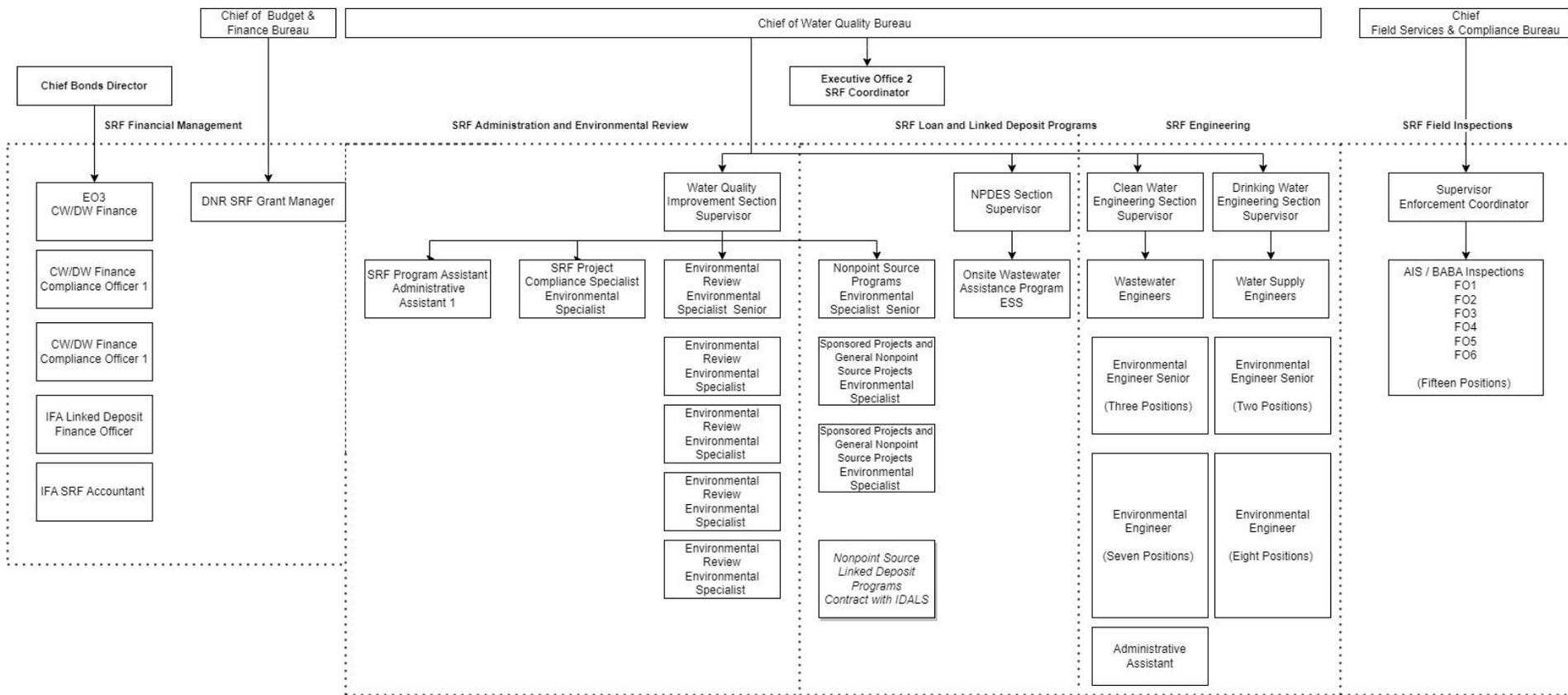
**FY 2022 ANNUAL REPORTS**  
Clean Water State Revolving Fund  
Drinking Water State Revolving Fund

**INVESTING IN IOWA'S  
WATER**

Iowa State Revolving (SRF) Loan Program

Iowa Finance Authority

Iowa Department of Natural Resources



12-06-22



# Annual Report

## Clean Water State Revolving Fund (CWSRF) Drinking Water State Revolving Fund (DWSRF) Fiscal Year 2022

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# Executive Summary

This Executive Summary provides background information about Iowa’s State Revolving Fund (SRF) Programs and highlights projects from this fiscal year as well as some of the Programs’ operational successes. More detailed information on Program accomplishments is included in the Clean Water SRF and Drinking Water SRF Annual Reports that follow, covering the period of July 1, 2021 through June 30, 2022.

## Project Highlights

The SRF Program is one of Iowa’s primary sources for investments in safe and clean water. Here are a few examples of the various ways the SRF Program is helping Iowan’s address their water and wastewater challenges.



### DWSRF Program – City of Britt

The water system for the City of Britt, population 2044, includes a water treatment facility constructed in 1955 and two elevated water storage tanks of which tower #1 was constructed in 1935. The system needed significant upgrades to continue to provide safe drinking water to its residents. In 2018, an inspection determined that the tower needed immediate rehabilitation or replacement, and, while the treatment facility still produces good quality water, the filtration system, as well as piping, valves, and other appurtenances are beyond their useful lives.

In October 2021, the City of Britt executed a \$1,290,000 SRF loan to replace the existing historic 100,000 gallon elevated water storage tank (tower #1) with a new 150,000 gallon elevated storage tank. An additional \$6.9 million SRF project involves construction of a new water treatment facility building with pressure filtration, reverse osmosis, chemical addition, a partially above-grade backwash reclaim tank, and a generator, and replacement of existing distribution and raw water mains to update the aging infrastructure of the system. The City of Britt is expected to sign a second SRF loan for the treatment plant and water main work in SFY 2023.

The elevated storage portion of this project included demolition of Britt’s 1935 historical water tower to make room for additional water treatment infrastructure. SRF Program funding requires that impacts to historical structures either be avoided or mitigated. After meeting with State Historical Preservation Office (SHPO), the City proposed a unique mitigation: salvaging portions of the tower to create a piece of artwork for public display as well as paint artwork on the new water tower paying homage to the City's National Hobo Museum and hobo heritage. This mitigation effort was established through a Memorandum of Agreement (MOA) facilitated by SRF Environmental Review staff between the City of Britt, Iowa DNR, and Iowa SHPO. The artwork incorporating the salvaged tower legs will be placed on the water treatment plant property with a plaque detailing the history of the water tower.

The new water tower, already under construction, will include artwork chosen with public input which demonstrates the City’s history, highlighting the City’s National Hobo Museum and Hobo heritage by displaying Hobo symbols on the tank representing the symbols for “this is the place”, “fresh water campsite”, and “train stop”.



The low interest financing provided by the SRF Program made it possible for the City of Britt to replace their aging water infrastructure, and with the assistance of the SRF Environmental Review staff this project has preserved this community's unique local heritage for the next generation.



### **Livestock Water Quality Program (LWQP)**

A family dairy operation in the Silver Creek Watershed in Howard County had inadequate storage for manure from their sand bedded free stall dairy barns. The producer received cost share funding from USDA's Environmental Quality Incentives Program (EQIP) and IA DNR Section 319 funding to construct two ramped manure pits which will allow for 6 months of storage and utilized a Clean Water SRF Livestock Water Quality Program (LWQP) low interest loan for the remaining portion of

the project. This project ensures the manure can be applied when field conditions are best suited for injecting the liquid manure, resulting in reduced bacteria and nutrient loss to nearby Silver Creek, a cold water trout stream. The farm is located within the Silver Creek Water Quality Project funded by IA Department of Natural Resources' Section 319 and Iowa Department of Agriculture and Land Stewardship (IDALS).

### **Local Water Protection Program (LWPP)**

A farmer in Adams County wanted to improve the quality of his farm fields and prevent soil erosion by installing terraces. He used a Clean Water SRF Local Water Protection Program (LWPP) low interest loan to borrow the portion of the project not covered by State of Iowa cost share sources. This project included the installation of over 3,600 feet of narrow-base terraces placed along the contours of the farm field. These terraces work to prevent soil erosion from occurring in his farm field by reducing the amount of water moving across the soil surface. This project is located within the Platte River Watershed and could not have been done without the combination of funding provided by SRF and federal-state partnerships in Iowa.



### **CWSRF Program - City of Grimes**

The City of Grimes is located in Polk County, Iowa approximately 17 miles northwest of Des Moines, Iowa with a 2010 population 8,246 and 2020 population of 15,392 and is one of the fastest growing Cities in Iowa. The existing wastewater treatment facility, which was constructed in 1976, had three major expansions between 1998 and 2015. In order to enable the City of Grimes to meet new discharge limits and add treatment capacity to meet the future needs of this rapidly growing community, significant expansion and treatment improvements would be necessary.

The City of Grimes approached the Des Moines Metropolitan Wastewater Reclamation Authority (WRA) to inquire about connecting to this regional treatment facility as an alternative to a costly treatment plant upgrade. While the immediate cost of WRA membership would be higher than the cost of expanding its wastewater treatment plant, based on its long term needs beyond the year 2040, the City of Grimes decided that connecting to the WRA's regional system was a better option.

In May of 2022, the City of Grimes executed a \$36.6 million SRF loan to construct a new lift station and forcemain/gravity sewer to convey the current Grimes wastewater flows from the Grimes wastewater treatment facility to the Wastewater Reclamation Authority (WRA) collection system and regional treatment facility in Des Moines. Upon completion of this conveyance system, the existing Grimes wastewater treatment facility will be retired, eliminating the discharge to the Little Beaver Creek (a tributary of Beaver Creek).

### Sponsored Project Program – City of Grimes Kennybrook Park

The City of Grimes received a funding award through Iowa’s Water Resource Restoration Sponsored Project Program in association with their CWSRF wastewater treatment plant improvements project. The Sponsored Project involved the conversion of an existing dry detention basin to a stormwater wetland to capture and provide additional pollutant removal from stormwater runoff.

The new stormwater wetland is designed to treat water quality volume (runoff from a 1.25-inch rainfall event) and provides additional ecological, aesthetic, and recreational benefits compared to the previous dry detention basin. The goal of the project was to reduce sediment and target urban stormwater, agricultural runoff, and soil erosion. Due to the retrofit nature of the project and the planned development around the area, a lot of work went into ensuring the stormwater practice would fit appropriately and treat the required volume.

Design on this practice started in late 2020 with construction in fall-winter 2021. The City amended their CWSRF loan to include the Sponsored Project in September 2021 in the amount of \$213,000. In addition to SRF, the City also received funding from the Iowa Water Quality Initiative (WQI). SRF funded the stormwater wetland and the City used other funding sources to construct native landscaped rain gardens, a walking path, observation deck and educational signage. The grading is complete, the native wetland vegetation has been seeded and is establishing quickly. A ribbon-cutting ceremony is planned for the fall of 2022.

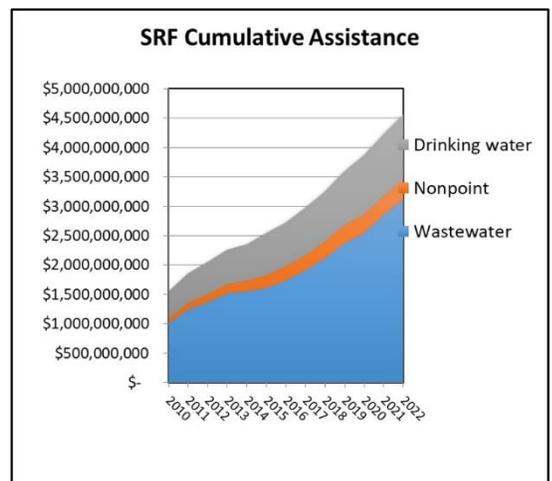


### Program Highlights

Since 1989, the Clean Water SRF has provided subsidized loans to meet Iowa’s publicly owned wastewater infrastructure needs. This includes assistance agreements with cities, counties, sanitary districts, and utility management organizations.

Since 2000, the Drinking Water SRF has provided loans to help Iowa’s water systems keep drinking water safe. This includes assistance agreements with cities, municipal utilities, rural water associations, and homeowners’ associations.

Through SFY 2022, the Iowa SRF has provided over \$4.5 billion in cumulative assistance. Because the funds are continually being loaned out and repaid with interest, the SRF continues to grow. This source of financing will continue to meet future needs for a wide variety of water issues.



### Financial Management to Meet Program Demand

Not every state can fund all eligible projects. Because of sound financial management and leveraging, Iowa is able to keep up with the demand from the smallest to the largest communities in the state with funding when they need it. Iowa SRF is even capable of funding very large projects.

For the DWSRF, the loan amounts in SFY 2022 ranged from \$32,000 for the **City of Hospers’s** planning and design loan to a \$21.6 million dollar loan to the **City of Cedar Rapids** for water treatment plant softener and capacity improvement. The smallest CWSRF loan was \$28,500 to the **City of Ladora** for planning and design of a new lift station rehabilitation

project and the largest loan of \$36.6 million to the *City of Grimes* was for the construction of a trunk sewer, lift station and force main to connect to Des Moines Wastewater Reclamation Authority.

Unlike many states that only fund water and wastewater infrastructure, Iowa also provides financial assistance to nonpoint source project borrowers. Municipalities and other public and private entities are able to finance stormwater best management practices and other nonpoint source water quality projects through our General Nonpoint Source Direct Loan or Loan Participation Programs. Farmers, livestock producers, landowners, watershed organizations, and others are able to finance nonpoint source projects through our four Linked Deposit Programs: Local Water Protection Program (LWPP), Livestock Water Quality Program (LWQP), Stormwater Program, and Onsite Wastewater Assistance Program (OSWAP).

### **Keeping Interest Rates and Costs Low to Make Projects More Affordable**

One of the ways that Iowa is able to keep up with program demand is through leveraging. Leveraging involves borrowing from the bond market when needed and pledging a portfolio of loans to repay the bonds. In May 2022, Iowa Finance Authority issued bonds totalling \$206,180,000 for both Clean Water and Drinking Water SRF Programs. Because Iowa's SRF Program has the highest bond rating of AAA, it can borrow at lower rates than most utilities in Iowa. The leveraged funds are combined with the revolved and federal funds to offer a below-market interest rate to SRF borrowers.

Iowa's current interest rate is 1.75% for loans up to 20 years. Other cost savings utilities gained by using SRF include no reserve requirements, a lower debt service coverage ratio, and lower fees. Many of the Iowa borrowers are communities with no bond rating whose borrowing costs would be 4% or more if they had to issue revenue bonds on their own. Savings for these communities are estimated at approximately \$250,000 for each million dollars borrowed.

***Interest Rate Reduction*** At the 10-year call period of a loan, SRF borrowers with interest rates exceeding the current program rate were offered an interest rate reduction. In SFY 2022, 49 communities (55 loans) took advantage of the opportunity to refinance and reduced their SRF loan interest rate from 3% to 1.75% for a savings of \$19,150,845 over the remaining term of the loans.

### **New Strategies for SRF Investments**

Iowa is exploring ways to grow the SRF funds through new or innovative opportunities.

***"State" Infrastructure Financing Authority (SWIFIA)*** Congress authorized the SWIFIA Program in section 4201 of America's Water Infrastructure Act of 2018. The SWIFIA Program, within the Water Infrastructure Finance and Innovation Act (WIFIA) Program, is exclusively for State infrastructure financing authorities to provide their State Revolving Fund (SRF) Programs with additional funding to finance more SRF-eligible projects. Selected SWIFIA borrowers must apply for a SWIFIA loan, pass a creditworthiness assessment, and document and execute a term sheet and credit agreement to receive SWIFIA funding. Iowa Finance Authority was invited to apply for and subsequently submitted a loan application in SFY 2021. Loan terms are currently being negotiated, and the Program is currently working towards successful financing and intends to close in SFY 2023. Iowa intends to combine the SWIFIA loan with other state resources and its annual capitalization grant dollars to continue offering low-cost financing to communities across the state to implement clean water and drinking water projects to protect water quality and improve public health.

### **Use of Loan Forgiveness**

Additional subsidization, which Iowa provides in the form of principal forgiveness, has been a required part of both the Clean Water SRF and the Drinking Water SRF since 2010. For both Programs, Congress has set a required minimum amount of the federal capitalization grant each year as well as a maximum allowed amount. Beginning with the 2019 Drinking Water capitalization grant, an additional 6% of the grant allocation is required by the Safe Drinking Water Act (SDWA) to be allocated to Disadvantaged Communities.

Because loan forgiveness reduces the amount of dollars being paid back and affects the loan-term capacity of the revolving funds, Iowa has used loan forgiveness strategically. Iowa has targeted loan forgiveness in order to reach those communities most in need of assistance. Loan forgiveness criteria is established each fiscal year in the Intended Use Plan for both DWSRF and CWSRF Programs. Forgiveness is assigned as a percentage of a project and has varied between 30%-

75% of targeted costs or capped at a pre-designated dollar amount to allow funding to be applied to more applicants. The final amount forgiven may vary from the initial allocation because the amount forgiven is based on the final loan amount drawn for a project. When a project is complete, principal forgiveness is applied to the final loan amount following the final loan disbursement. In SFY 2022, the CWSRF Program made \$2,256,000 in loan disbursements and the DWSRF Program made \$739,000 in loan disbursements that are intended to be forgiven and not repaid.

### **Partnerships**

The SRF Programs are based on partnerships to provide effective financing tools, streamlined procedures, and exceptional service to program participants.

**Assistance Recipients** The most important partnership is between the SRF and the assistance recipients. These are Iowa's cities, counties, rural water systems, sanitary districts, farmers, livestock producers, homeowners, watershed organizations, and others.

**Environmental Reviews** SRF recipients must comply with a variety of state and federal regulations, so the goal of the SRF staff is to make that compliance as easy as possible. One of the ways that SRF helps borrowers navigate the process is to conduct required environmental reviews on their behalf. SRF Environmental Review Specialists coordinate with federal, tribal and state organizations such as U.S. Army Corps of Engineers (USACE), Native American Tribes, State Historical Preservation Office (SHPO), and others to determine potential impacts to state and federal wetlands, endangered species, floodplains, sovereign lands, tribal and other historical or archeological properties and farmland. Despite challenges of staff absences and new hires, a total of 92 new environmental reviews and reaffirmations were issued and 85 of those completed the public review period to finalize the clearance during SFY 2022.

**DNR-IFA** The partnership between the state agencies that administer the SRF Programs and their governing boards is crucial to success. Iowa statute directs the Iowa Department of Natural Resources (DNR) and the Iowa Finance Authority (IFA) to jointly operate the SRF. DNR, with oversight by the Iowa Environmental Protection Commission, handles program prioritization, project permitting, environmental review, and EPA compliance. IFA covers financial management, issues bonds, disburses loan funds, and services loans. While each partner carries out their individual responsibilities, they coordinate on programmatic and financial strategies to make the most effective use of the funding.

**State-Federal** Another partnership is between the federal government and the state. The U.S. Congress created the SRF Programs in the Clean Water Act and the Safe Drinking Water Act and provides annual appropriations via the U.S. Environmental Protection Agency (EPA). The annual capitalization grants form the core of the SRFs but leveraged bonds, repayments and interest expand the reach of the federal investment. According to EPA NIMS data, Iowa's CWSRF has delivered about \$4.60 in assistance to Iowa communities for every \$1 of federal funds received and its DWSRF has delivered \$3.10 for every \$1 of federal funds received.

Within the broad framework set by the legislation, federal regulations, and EPA guidance, states have flexibility to set their own priorities and manage their own programs. In Iowa, that flexibility has allowed the SRF to target the specific needs of our state and to develop new program tools when needed. These include planning and design loans, extended term financing, linked deposit mechanisms for funding nonpoint source practices, and sponsored projects.

**Other Organizational Partners** Another set of partnerships is between DNR/IFA and the other organizations that implement or help with certain SRF Programs. These include:

- The Iowa Department of Agriculture and Land Stewardship, which, under contract to DNR, provides technical expertise for loan programs for both agricultural and urban water quality practices.
- The Soil and Water Conservation Districts commissioners and staff, who deliver loan programs at the local level and work directly with farmers, landowners, and others.
- County environmental health boards and staff, who participate in a program to help homeowners replace failing onsite septic systems.

**Local Lenders** There are nearly 300 lending institutions across the state that make low-cost loans available to borrowers through a linked deposit arrangement with the SRF.

- **First Iowa State Bank, Albia** has been a participant of the Linked Deposit Programs since 2006. First Iowa State Bank, Albia has consistently participated in the Linked Deposit Programs for the last 16 years. Since 2006, First Iowa State Bank has funded 86 Linked Deposits totaling over \$1.16 million. The bank has participated in not just 1 Linked Deposit Program but 3 – Local Water Protection, Livestock Water Quality and Onsite Wastewater Assistance.



“With IFA, we can provide low interest financing for projects that our farmers, homeowners, and commercial customers all benefit from. IFA allows lenders and customers to work together by offering attractive loan terms that improve property and keep our water quality and soil conservation practices moving forward. We look forward to continuing to provide these loans through Iowa Finance Authority’s programs.” Kenny Williams, Vice President, First Iowa State Bank, Albia

### **Coordination**

Coordination between SRF and other funding agencies makes costly infrastructure projects possible. 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. While SRF offers low loan rates, many of Iowa’s small and disadvantaged cities need additional help in the form of grants.

**Community Development Block Grant (CDBG) Program.** Iowa’s SRF staff work closely with the Iowa Economic Development Authority (IEDA), which implements the federally funded CDBG Program. Both Programs use a quarterly funding cycle which allows for more effective matching of CDBG and SRF efforts. To qualify for CDBG, the percentage of low-and moderate-income (LMI) beneficiaries must be at least 51%. “Low-income” is less than 50% of the area’s median income, and “moderate-income” is less than 80%.

The following are examples of co-funding between CDBG and SRF making these projects more affordable for their communities:

- The **City of Casey**, population 387, qualified for a \$300,000 grant from CDBG and will borrow the remaining \$276,292 from the Clean Water SRF Program for a project to install cured in place pipe (CIPP) lining and complete spot repairs of their existing sanitary sewer.
- The **City of Guthrie Center**, population 1569, is approved on the IUP for \$1.45 million for a water main replacement project. Guthrie Center qualified for a \$500,000 grant from CDBG which will allow them to reduce their borrowing from the Drinking Water SRF Program to under \$1 million.

**U.S. Department of Agriculture-Rural Development (USDA-RD).** The USDA-RD typically provides its recipients with loan funding in combination with their grants. This combination, along with their extended financing terms, has historically left little need for an applicant to also borrow from the SRF Program to finance the construction of their project. Project construction costs are not often co-funded with both USDA-RD and SRF, however, we are seeing an increased need to explore the option to take a construction loan from both SRF and USDA-RD for the same project.

SRF Planning & Design (P&D) loans can be used by communities to prepare to compete for the most advantageous funding sources. Since SRF P&D loans are offered at 0% interest and no fees for up to three years, they can be helpful to communities even when they don’t use SRF for construction financing. The SRF and USDA-RD Programs do occasionally work together in this way with SRF providing a Planning & Design (P&D) loan and USDA-RD providing a construction loan.

- The **City of Lanesboro**, a small community just over 100 residents, will use a combination of funding through SRF, USDA-RD and CDBG to connect to the water treatment system of Lake City. The project will include properly abandoning their wells and demolishing the existing treatment plant (constructed in 1987) and water tower (constructed in 1941). By SRF and USDA-RD partnering together, Lanesboro is able to take advantage of a 0% SRF Planning & Design loan, USDA grant, low-interest construction loans from both programs, extended term financing and SRF loan forgiveness to keep user rates affordable for their community.

**State grants.** The programs discussed above are all federally funded. In 2018, Iowa legislature created a Wastewater and Drinking Water Treatment Financial Assistance Program (WTFAP) to provide financial assistance to enhance Iowa’s water quality. The WTFAP provides financial assistance in the form of grants to wastewater and drinking water infrastructure projects. The awards are determined by a committee made up of a representative of DNR, IFA and the Iowa Department of Agriculture and Land Stewardship (IDALS). In SFY 2020, \$775,000 was awarded to 6 projects. The Iowa SRF co-funded 5 out of 6 of those projects. In SFY 2021, 11 projects were awarded \$2 million. The Iowa SRF Program has or intends to co-fund 10 of these 11 projects. In SFY 2022, 16 projects were awarded \$6.2 million. The Iowa SRF Program has or intends to co-fund 14 of these 16 projects. Approximately \$6 million dollars is expected be awarded SFY 2023.

**Outreach.** To highlight the importance of water quality, the Iowa SRF Program sponsored the second annual Hometown Pride Water Tower Contest. The contest challenged Iowa communities to show-off their hometown pride in a short video for a chance to win a one-of-a-kind water tower designed by a local artist, Laura Palmer. To enter the contest, communities were tasked with creating a 60 second or less video that showcased their hometown pride and featured a water element in their community. Video submissions were accepted from Oct. 19 - Nov. 16 and a public vote was held Nov. 17 – Nov. 24 to determine the winning video. Iowa Finance Authority (IFA) received 14 video entries from communities across the state. It was a close race, but **The City of Runnells** won the contest with more than 2,180 votes.



The water tower is projected to be complete in Spring 2023 and the winning video can be found at <https://vimeo.com/646506760>.

**Continuous Improvement**

In February 2020, the SRF Program participated in a Value Stream Mapping Process for the DWSRF, CWSRF and Nonpoint Source Programs. The event resulted in 14 prioritized initiatives which were worked on during a 2 year timeframe. By the end of calendar year 2021, 13 of the 14 initiatives were in various phases of completion. During the summer of 2022, the SRF Program analyzed the improvements made in relation to the before and after improvements turnaround time which resulted in a reduction in the overall turnaround time for the Program (visual below). The SRF Program is planning to host additional continuous improvement events in the fall of 2022 and spring of 2023 to enhance the Program.

**Lead Time**

2020 Before VSM	Anticipated from VSM	2022 After VSM Implementation	Improvement 2020-2022 (decreased by)
<b>Submittal to Execute Loan Docs</b>			
9-16 months	7-16 months	5-13 months	4-7 months
<b>Disbursement Package to Final Inspection</b>			
11-18 months	8-18 months	7-16 months	4-2 months
<b>Total Lead Time</b>	<b>Total Lead Time</b>	<b>Total Lead Time</b>	<b>Total Lead Time</b>
<b>21-34 months</b>	<b>15-34 months</b>	<b>12-29 months</b>	<b>9*-5** months</b>

\*Decreased minimum lead time from 21 to 12 months which is a 9 month decrease.

\*\*Decreased maximum lead time from 34 to 29 months which is a 5 month decrease.

**Staffing**

The Iowa SRF Program experienced several staffing changes and organizational growth in SFY 2022. The Program met the demands of an ever changing workforce of retirements and promotions with new team members, and contractors. Below is a summary of SFY 2022 (July 2021-June 2022).

**Iowa Finance Authority (IFA)** In response to increased SRF loan demand in recent years, IFA added a new SRF Program Specialist in SFY 2022. IFA also filled a program accountant vacancy in SFY 2022.

**Department of Natural Resources** The DNR started the state fiscal year with an organizational restructuring to align technical and financial assistance programs together rather than being embedded within permitting and enforcement programs. The restructuring resulted in the SRF team gaining a new supervisor and colleagues who focus on voluntary water quality improvement projects for nonpoint sources (referred to as the 319 Watershed Improvement Program). During this report period, three existing SRF team members changed jobs resulting in a vacancy for the Administrative Assistant, an Environmental Review Specialist, and the Nonpoint Source Program Planner. With the additional billion dollar growth of the SRF Program in the prior 3 years, filling these vacancies and adding new program staff positions became a priority so we could continue to provide the quality of work that the Iowa SRF Program has been locally and nationally recognized for.

In SFY 2022, four new full time employee (FTE) positions were added to the SRF Program's organizational structure: An Environmental Review Lead, and Environmental Review Specialist, a Project Compliance Specialist; and a Nonpoint Source Project Manager. The existing Nonpoint Source Program Planner vacancy was also reclassified as a lead to serve as the Nonpoint Source Programs Manager. This grew the Environmental Review team from 3 to 4 staff plus a lead, grew the Nonpoint Source Programs (Sponsored Projects and General Nonpoint Source Program) from 1 to 2 staff plus a lead, and added a Compliance Specialist to the SRF team. Each of the new hires have been going through the phases of onboarding and training processes to build their workload capacity and confidence. Hiring will continue into the next fiscal year to fill all of the new and existing position vacancies.

**Contract Partners** The DNR has a contract with the Department of Agriculture's Division of Soil Conservation for technical support for SRF Nonpoint Source Projects performed by their Urban Conservationist. The contract also covers administration of the SRF Linked Deposit Programs. During SFY 2022, a new Linked Deposit Program administrator was hired along with an Urban Conservationist to fill vacancies.

#### **Infrastructure Investment and Jobs Act (IIJA) – Bipartisan Infrastructure Law (BIL)**

The SRF Program staff participated in several listening sessions, training events, and national work groups and committees to gain an understanding of the requirements and benefits of the substantial funding being offered to the infrastructure sector through the signing of the BIL. During SFY 2022, Iowa SRF formed a BIL Implementation Planning Team to develop priorities and methods of distributing loan forgiveness and update the CWSRF affordability criteria and DWSRF definition of Disadvantaged Community for the purposes of loan forgiveness. The plans for these changes were presented to the public and stakeholders through speaking engagements and webinars and public input was accepted through public hearings and written comments before drafting the Intended Use Plans for the BIL General Supplemental Funds. The SRF Program intends to apply for all BIL funding opportunities so planning and IUP development will continue into SFY 2023.

#### **Conclusion**

Individual communities in Iowa face challenges in providing safe drinking water, meeting regulatory requirements for wastewater treatment, replacing aging infrastructure, and planning for shrinking or growing population. Iowa's SRF Program has adapted to the needs of our communities and continues to be an effective and cost-efficient mechanism for financing projects to protect water quality and public health, as intended by Congress and state policy-makers.

In order for the SRF Program to continue to be a viable and strong resource for Iowans, the Iowa SRF must remain programmatically and financially focused. Iowa's SRF issues two documents each year for the Clean Water SRF and the Drinking Water SRF: The Intended Use Plans (IUPs) at the beginning of the year outline the goals and objectives for each program area, and the Annual Reports at the end of the year show results and accomplishments and how well the goals and objectives were met. Detailed information is included in the Clean Water SRF and Drinking Water SRF Annual Reports which follow, covering July 1, 2021 through June 30, 2022.



# Annual Report

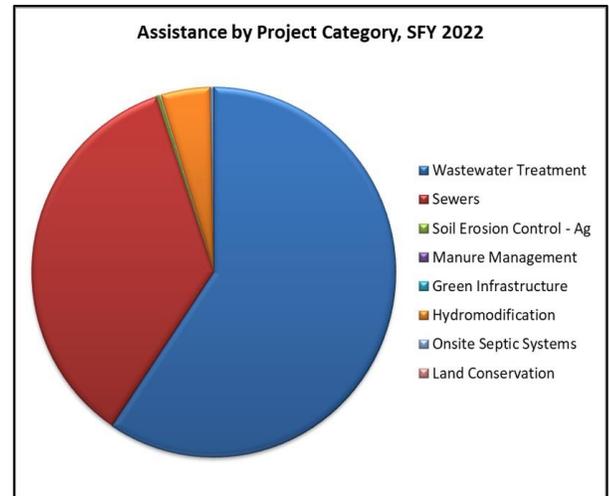
## Clean Water State Revolving Fund

### Fiscal Year 2022

The goals and objectives for the Clean Water SRF were laid out in the SFY 2022 Intended Use Plan (IUP), which was updated quarterly. This annual report examines the activities carried out and the progress made toward meeting those goals.

During SFY 2022 the CWSRF executed assistance agreements totaling over \$277 million, including Sponsored Project amendments and Planning and Design Loans.

Approximately 95% of the CWSRF dollars in SFY 2022 went to publicly owned wastewater and sewer infrastructure projects as shown in the pie chart under Wastewater Treatment and Sewers. The remaining dollars went to both publicly and privately owned projects in the nonpoint source area, including Onsite Septic Systems, Hydromodification (including nonpoint source green infrastructure), Manure Management, and Agricultural Soil Erosion Control Practices.



### CWSRF Goals and Accomplishments

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. Shorter-term goals and objectives were established in the SFY 2022 IUP. The goals and progress toward meeting them are discussed below.

**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.** During SFY 2021, the Intended Use Plan was updated quarterly. A total of 53 requests for wastewater infrastructure construction financing, 2 General Nonpoint Source construction financing and 45 planning and design loan applications were added to the IUP project priority list. Loan funds were committed only after an environmental review was conducted, construction permits were issued, and bidding documents were reviewed for cost eligibility, as applicable.

During SFY 2022, the DNR’s Wastewater Engineering Section (WES) project managers accomplished the following project milestones to help move CWSRF projects toward loan readiness and completion. The permitted projects addressed numerous wastewater needs of Iowa communities to provide a wide range of environmental benefits: reduce/eliminate CSOs and SSOs, wastewater service, infiltration/inflow reduction, treatment capacity expansion for growth, address unsewered community needs, address aging infrastructure, and improve system reliability with new infrastructure, ammonia reduction, nutrient reduction and pathogen reduction/public health protection.

- Conducted 31 project initiation meetings to assist applicants, engineers and planners understand the planning, permitting and loan process.
- Approved 14 anti-degradation alternatives analyses evaluating less degrading reasonable treatment alternatives.
- Approved 49 facility plans/engineering reports recommending the selected project alternative and site.

- Issued 63 major construction permits and plans and specifications approval.
- Reviewed and processed 88 addenda for 64 CWSRF funded projects.
- Reviewed 68 sets of bid documents for CWSRF eligibility of project costs.
- Reviewed and processed 193 change orders for 82 CWSRF funded projects.
- Assisted the SRF and IFA teams to close out 14 CWSRF projects that completed construction.

Customer feedback surveys were sent after project initiation meetings, facility plan approvals and construction permits were issued. The surveys were sent to applicants and engineering consultants. The responses rated mostly good and excellent for the CWSRF project planning and construction permitting effort. The following comments were provided:

- “With increasing workloads and struggles to maintain staffing at full capacity occurring throughout the engineering industry, the DNR responses remain timely.”
- “Always good to work with the DNR. Very quick turnaround and the process is easy to understand.”
- “Process was timely and the staff are always patient with those of us who don't regularly go through the process. In this case, USACE was involved and it didn't result in any hiccups.”
- “The review of the project was completed much faster than anticipated. During the design and prior to submittal of the plans and specifications for Iowa DNR review, DNR staff were extremely helpful in answering questions related to DNR design code and also questions on the submittal process itself. The project manager was very professional to work with and answered questions promptly.”
- “All responses from DNR staff were professional and were supplied in a timely fashion, they were clear on expectations with all replies.”

**Goal: Require applicants to engage a registered Municipal Advisor (MA).** The purpose of this SRF requirement is to give SRF borrowers the professional support they need to ensure their wastewater utility will be financially sound. In Iowa, SRF projects are required to have a registered MA work with the community to analyze the current income and expenses of the utility, assist with setting rates, and advise the community on financial planning. Because we believe financial sustainability is so important, the SRF Program pays up to \$4,000 for MA expenses. In SFY 2022, a total of \$62,188 was paid to reimburse MA fees for 16 communities that have CWSRF projects.

**Goal: Implement the “Use of American Iron and Steel (AIS)” requirements.** SRF applicants are required to incorporate front-end specifications, including AIS requirements and suggested contract language, in their bid process. Template certifications, materials checklists and forms for documenting the use of the National De Minimis Waiver are made available as early as pre-bid. AIS site inspections and/or desk audits are performed prior to project completion. Since the ideal time to perform this inspection is during construction, IFA notifies DNR when they receive the first disbursement request from the applicant. That notification triggers DNR Field Office staff to initiate site visit coordination and to perform the inspection. As a part of the SRF closeout process, each applicant is also required to sign a Final Project Close-out: American Iron and Steel Self-Certification, pledging compliance with American Iron and Steel requirements.

The Iowa SRF Program created a new staff position in SRF 2022 referred to as the SRF Project Compliance Officer. This position now facilitates the state’s AIS oversight process and coordinates site inspections with the DNR Field Office staff. In SFY 2022 the SRF Project Compliance Specialist met with each of the five field offices to gain feedback on the AIS inspection process and established regular outreach to DNR Field Office Staff to facilitate process improvement. This is an on-going task that will continue into SFY 2023.

During SFY 2022, a total of 14 AIS site visits were conducted by DNR Field Office staff for CWSRF projects. The purpose of the site visits is to check compliance status and provide education about AIS requirements. Reports are provided to the applicant following the visit and are used to assist the applicant in identifying and correcting issues and incomplete documentation.

On a weekly and sometimes daily basis, SRF staff continue to answer questions from consultants, owners and contractors concerning what is covered and required by AIS. EPA is consulted either directly or through the [SRF\\_AIS@epa.gov](mailto:SRF_AIS@epa.gov) group email address, when needed.

**Goal: Fund green projects to meet the requirements of the (GPR) Green Project Reserve (10% of CAP grant).** Projects meeting GPR requirements have been assigned through the 2021 Cap grant. Iowa has met and/or exceeded the Green Project Reserve requirements for all years.

**Goal: Develop plans for allocating loan forgiveness required in FFY 2018-FFY 2021 CAP grants (20% of CAP Grant).** Each capitalization grant year there has been a minimum and maximum amount allowed for additional subsidization. Iowa CWSRF Program provides targeted loan forgiveness based on Disadvantaged Community (DAC) status and forgiveness is capped at \$1 million per project.

During SFY 2022, these additional qualifying disadvantaged communities were notified of their selection to receive loan forgiveness: *Perry and McGregor*. These applicants were posted in the IUP. Awards were offered at 30% of eligible costs based on the criteria established in the IUP. This information is entered in the OWSRF reporting system when a loan is executed but assignments to grant years and amounts are not final until a loan is closed.

Adjustments to assignments are sometimes necessary if SRF loan amounts are not fully drawn. In Iowa, additional subsidization is awarded as a percentage of loan forgiveness for a specific project. Loan forgiveness is applied as principal forgiveness when the project is complete, and the final loan disbursement has been made. If an applicant does not draw the full amount of their loan, the amount of loan forgiveness applied decreases proportionally, leaving a balance of unused loan forgiveness. The balance then becomes available for reassignment. During SFY 2022, a portion of the 2017 and 2018 CAP grant assignments became available for reassignment. At the conclusion of SFY 2022, all loan forgiveness for FFY 2017-FFY 2021 CAP grants had been allocated. As loan forgiveness recipients draw their final loan disbursements, additional amounts may become available for reassignment in the SFY2023.

**Goal: Comply with grant reporting conditions.** The new SRF data reporting system, Office of Water State Revolving Funds (OWSRF) System, brought many challenges to the state upon implementation in SFY 2021 but Iowa continues to work with EPA Headquarters staff to resolve state-specific issues as they are discovered. Iowa also continues to request reports or other functional changes to the system, as needed. During SFY 2022, there were times that workload and staff turn-over made this quarterly goal challenging to keep up with. New staff were trained in OWSRF and attended the National Information Management System (NIMS) training. New processes and triggers were put in place to assist with the consistent and timely reporting of this data. SRF staff will continue to report project and program information through OWSRF no less than quarterly, to the extent possible.

**Goal: Comply with EPA guidance on reporting under the Federal Funding Accountability and Transparency Act (FFATA).** In accordance with the Federal Funding Accountability and Transparency Act (FFATA or Transparency Act), prime awardees of individual Federal grants that are equal to or greater than \$25,000 and awarded on or after October 1, 2010, are required to report subaward and executive compensation data on the FFATA Subaward Reporting System (FSRS). SRF has identified a primary borrower, the *Des Moines Wastewater Reclamation Authority (WRA)*, to serve as the subawardee because they regularly borrow funds equivalent to the amount of the federal capitalization grant and they are already meeting the several requirements of FFATA and equivalency reporting, which include:

- Section 602(b)(14) of the Clean Water Act: "A contract to be carried out using funds directly made available by a capitalization grant... for program management, construction management, feasibility studies, preliminary engineering, design, engineering, surveying, mapping, or architectural related services shall be negotiated in the same manner as a contract for architectural and engineering services is negotiated under Chapter 11 of title 40, United States Code...."
- Federal socioeconomic cross-cutters
- Federal environmental cross-cutters
- EPA signage guidance
- Single audit requirements

FFATA reporting for the CWSRF Program has been submitted through the 2019 CAP Grant using WRA loans. WRA will continue to be used to satisfy FFATA reporting for open capitalization grants once qualifying loans have been signed for projects on the IUP. During SFY 2022, 1 loan (C1288R) for SRF project CS1921031-01 in the amount of \$20,370,000 was

assigned for FFATA reporting. The amount of \$10,523,000 was assigned to complete equivalency reporting for the 2018 CAP Grant; and the amount of \$9,847,000 was submitted for the 2019 CAP Grant.

**Goal: Comply with EPA guidance on cost and effectiveness requirements under Section 602(b)(13) of the Clean Water Act.** During SFY 2022, the Iowa CWSRF Program required all borrowers to submit a self-certification form indicating compliance with this requirement. In order to do so, borrowers had to: evaluate the cost and effectiveness of the process, materials, techniques, and technology proposed for the project; select a project that maximizes the potential for efficient water use, reuse, recapture, conservation and emergency conservation; and consider the cost of constructing the project, cost of operating the project over its useful life, and cost of replacing the project.

**Goal: Promote and identify sustainable practices in projects proposed for funding.** A 2010 EPA policy provided four strategies for making wastewater utilities, and the communities they serve, more sustainable. The table below shows Iowa’s efforts to implement these strategies during SFY 2022.

Strategy	Implementation	SFY 2021 Outcomes
Promote planning processes that support sustainability	Iowa participates in training sessions to inform potential borrowers about using SRF to implement sustainable practices	During SFY 2022, SRF staff presented on CWSRF at several conferences, meetings and workshops including: <ul style="list-style-type: none"> <li>• Iowa League of Cities Annual Conference</li> <li>• Iowa Municipal Finance Officers Association</li> <li>• Small Community Workshops</li> <li>• Iowa Green Infrastructure conferences</li> <li>• Growing Sustainable Communities conference</li> </ul>
	Iowa provides planning and design (P&D) loans to assist communities with project development	As shown in CWSRF Exhibit 2, 37 communities received planning and design loans during SFY 2022.
Encourage community sustainability	The Clean Water SRF promotes green infrastructure and sustainable storm water practices	In SFY 22, 16 new loan amendments were executed for sponsored projects totaling over \$8.7 million dollars and 2 General Nonpoint Source loans for \$2.275 million. These projects allowed communities to implement sustainable green infrastructure practices.
Promote sustainable water and wastewater systems	Iowa SRF requires that borrowers work with a municipal advisor to set rates sufficient to repay debt service while maintaining the system.	This ensures that the utility can sustain itself without the need for grant or other non-user generated funds. In SFY 2022, a total of \$62,188 was paid to reimburse MA fees for 16 communities that have CWSRF projects.
Target SRF assistance	Iowa’s SRFs promote the “fix-it-first” approach for water and wastewater infrastructure in existing communities and prohibit “speculative growth”	CWSRF Planning and Design loans for sewer rehabilitation and inflow/infiltration correction projects were added to the IUP for these systems: <b>Johnston, Aurelia, Fostoria, McGregor</b>  CWSRF sewer rehabilitation and inflow/infiltration correction projects were added to the IUP for these systems: <b>Crystal Lake, Whittemore, Dubuque, Stockport, Marshalltown, Waterloo, Moravia, Litton, Alta, Hospers, Hubbard.</b>
	Required additional subsidization is used for disadvantaged communities	Additional subsidization adjustments were made during SFY 2022 for the 2017 and 2018 CAP grant. Additional eligible applicants were identified to receive loan forgiveness through the 2021 Cap grants.

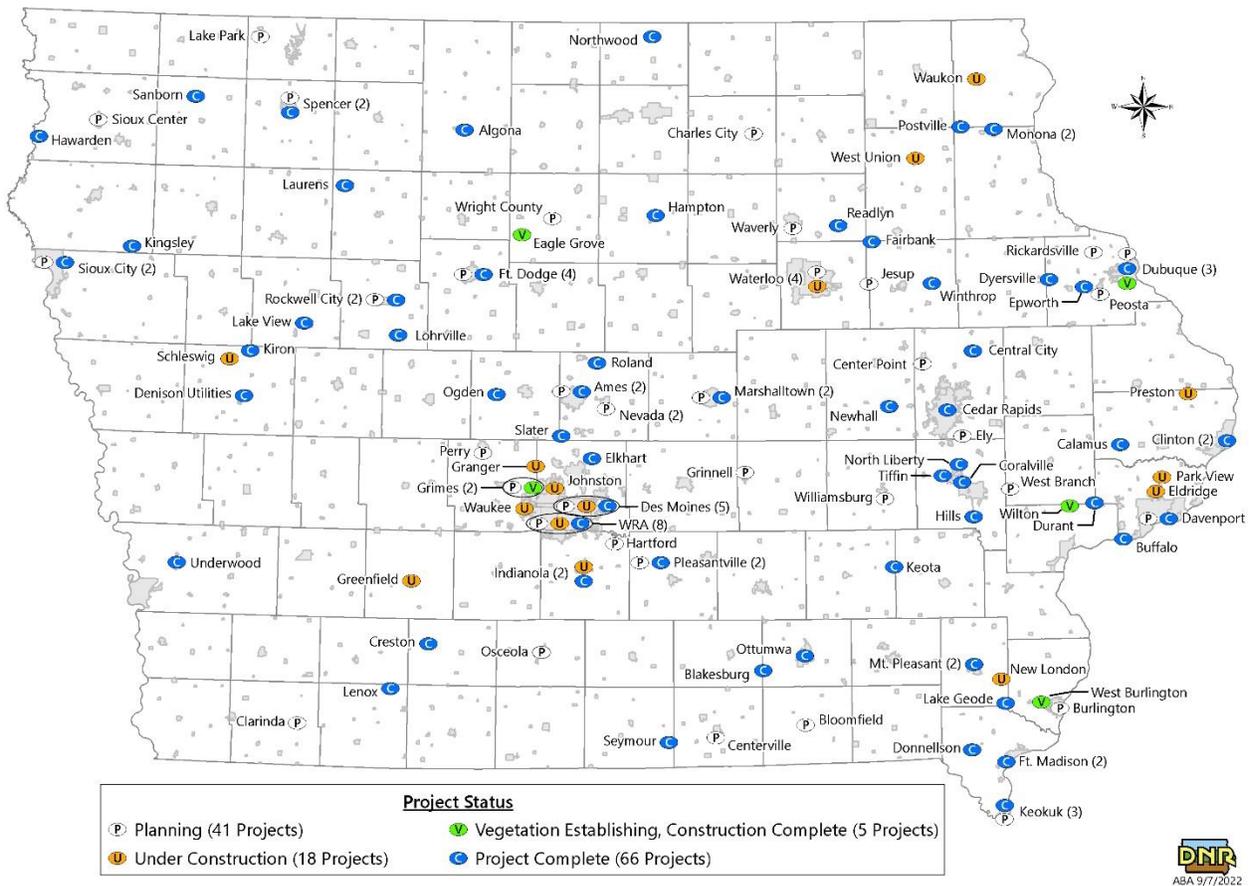
**Goal: Continue to implement the Water Resource Restoration Sponsor Program authorized in Iowa Code 384.84.**

The sponsored project effort is successful due in part to the partnership between the SRF and the Iowa Department of Agriculture and Land Stewardship (IDALS) urban conservationists. Our contract terms with IDALS' Division of Soil Conservation and Water Quality is a three year commitment. The current contract expired on June 30, 2022. Prior to its expiration, the SRF Program renewed this contract with IDALS for another 3 years with the option to renew or extend the contract upon reaching its new expiration.

In SFY 2022, sponsored project applications were accepted, and funds awarded, on a bi-annual basis. 14 new sponsored project applications were accepted from the **Cities of Rickardsville, Grimes, Nevada, Hartford, Jesup, Des Moines (2), Pleasantville, West Branch, Marshalltown, and Waterloo (2)** with a total recommended funding amount of \$9,784,000.

As of the end of SFY 2022, awards were issued to 146 projects in 103 communities and 1 state park. Of these awards, 130 projects have committed to installing nonpoint source practices utilizing the Sponsored Project Program. The map below indicates the progress that was made on sponsored projects during SFY 2022 as of June 2022. A new project status, "establishing vegetation", was added to the map this year to capture projects that have been fully constructed but remain open until the project demonstrates that native plantings will be successful.

**WATER RESOURCE RESTORATION SPONSORED PROJECTS, SFY2022**



Iowa conducts local outreach and education of our Sponsored Project Program through speaking engagements, conference exhibits and outreach to interested stakeholder groups. In SFY 2022, Iowa SRF staff had an exhibitor booth and participated in the IStorm 2021 virtual conference in October of 2021. Presentations about the Iowa SRF Nonpoint Source Program were recorded for the New England Interstate Water Pollution Control Commission (NEIWPCC) Meetings in December of 2021. Meetings to discuss the Iowa SRF Nonpoint Source Program and financing mechanisms were also conducted with the National Sierra Club, Wisconsin DNR, and US Climate Alliance. In addition, a series of regenerative agriculture brainstorming sessions were held with multiple organizations including the Environmental

Defense Fund, ReHarvest, Iowa Soybean Association and Revive Ag and Iowa SRF participated in a Conservation Financing Network Roundtable.

**Goal: Comply with the EPA Signage Guidance.** During SFY 2022, SRF issued news releases and posted regular IUP updates that showed loans signed. The SRF Program sends out a press release listing the names of the loan recipients, the amount of each loan, a description of each project and a contact for each community for more information. Many of the local papers are eager to print these releases.

**Goal: Work with other state and federal agencies to coordinate water quality funding.** SRF staff met quarterly with the Iowa Water Infrastructure Finance Coordination (WIFCO) group, which consists of SRF staff from DNR and IFA, the Community Development Block Grant (CDBG) Program staff from Iowa Economic Development Authority (IEDA), U.S. Department of Agriculture-Rural Development (USDA-RD) Program staff and Wastewater and Drinking Water Treatment Financial Assistance Program (WTFAP) staff from IFA.

**Goal: Apply program requirements that are simple and understandable and do not add unnecessary burdens to applicants or recipients.** During SFY 2022, SRF staff continued to assist applicants with completing the federal cross-cutting requirements for environmental and historical review. The SRF environmental review (ER) staff completed 54 assessments for CWSRF projects, including:

- 24 categorical exclusions (CXs)
- 27 full assessments that ended in Findings of No Significant Impact (FNSIs)
- 3 reaffirmations (RE) of projects that changed after the original assessment was completed

The SRF Environmental Review staff also began work with the DNR legal staff on a general MOA template to be distributed to SRF applicants whose projects will require a legal agreement to mitigate a State Historic Preservation Office (SHPO) determination of adverse effect. Development of a MOA can be overly burdensome and costly for borrowers to complete on their own. The template is expected to be available to borrowers in the beginning of SFY 2023 and SRF ER staff will continue to facilitate the MOA process on behalf of our borrowers.

**Goal: Continue the option of extended financing terms for CWSRF infrastructure projects.** Applicants seeking extended financing complete a worksheet outlining the anticipated life of the project components and their related costs. That worksheet produces a weighted average which determines the extended term between 20 and 30 years. During SFY 2022, the following communities took advantage of extended terms for their SRF loans: *Perry, Osceola, Elk Run Heights, Melcher-Dallas, Stockport, McGregor, Miles, and New Albin.*

**Goal: Maintain mechanisms for funding the on-going administration of the program if federal funding is reduced or eliminated.** During SFY 2022, initiation and servicing fees were collected on CWSRF loans for deposit to administrative accounts outside the SRF. Funds to administer the Clean Water SRF Program come from capitalization grants and from loan fees.

**Goal: Manage the CWSRF to maximize its use and impact through sound financial management.** SRF staff and financial advisors continually monitor the financial health of the fund. The Iowa CWSRF Program uses its equity fund to originate loans. When a sufficient number of loans have been made, the SRF Program issues bonds, backed by those CWSRF loans, and uses the bond proceeds to replenish the equity fund. 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 no further capitalization grants were available, Iowa SRF estimates that the CWSRF could loan an average of \$300 million per year over the next 10 years, or a total of \$3 billion.

**Goal: Implement programs that effectively address water quality needs and target appropriate audiences.** The Iowa SRF currently has a diverse suite of programs and financing tools with which to address the state's water quality needs. The programs are geared to specific audiences, such as cities, farmers, rural homeowners, livestock producers, and others. Iowa's Nonpoint Source Programs continue to serve as a model for several other states interested in developing

programs like these for their borrowers. Iowa SRF staff educate users and potential users about the program offerings through presentations, displays, program materials, project meetings, and the IowaSRF.com website.

**Goal: Update the CWSRF Operating Agreement.** In SFY 2022, Iowa resumed efforts with EPA to update the Clean Water SRF Operating Agreement between DNR and EPA. EPA Region 7 staff suggested changes to the current document. To minimize frequent updating, the EPA proposed the use of a streamlined document that can facilitate information as references from the state and EPA SRF websites, the state’s IUP, and other program supporting documents. EPA Region 7 also provided Iowa with another Region 7 state’s SRF Operating Agreement that was under their review. All of these references are being taken into consideration but efforts to update the Operating Agreement were placed on hold as planning efforts for the Bipartisan Infrastructure Law Intended Use Plans became a higher priority in SFY 2022.

### Clean Water SRF Program Data

#### 1. Publicly Owned Wastewater and Sewer Facilities

During SFY 2021, several SRF milestones were tracked to indicate project status, including when the loan was signed, when construction was started, and when the facility initiated operations.

The Clean Water SRF Intended Use Plan (IUP), as amended throughout the year, included requests for P&D and construction loans. The total list of projects that were included on the IUP during SFY 2022 is shown as CW Exhibit 1.

CW Exhibit 2 shows the Planning and Design (P&D) loans, construction loans, and Sponsored Project amendments signed during SFY 2022. Binding commitments totaling \$277,649,365 were executed (adjusted net total was \$263,725,152.06). Loans ranged from a \$28,500 for the **City of Ladora** for a planning and design loan to over \$36.6 million for the **City of Grimes** to construct a trunk sewer, lift station and force main to connect to Des Moines Wastewater Reclamation Authority.

CW Exhibit 2A shows that during SFY 2022, 56 projects reported construction starts. A total of 44 projects reported that they had initiated operations, as shown in CW Exhibit 2B.

CW Exhibit 2C is a list of projects for which the environmental and historical review process was completed during SFY 2022. DNR issued and finalized 24-Categorical Exclusions (CX), 27-Findings of No Significant Impact (FNSI), and 3-Reaffirmations (RE).

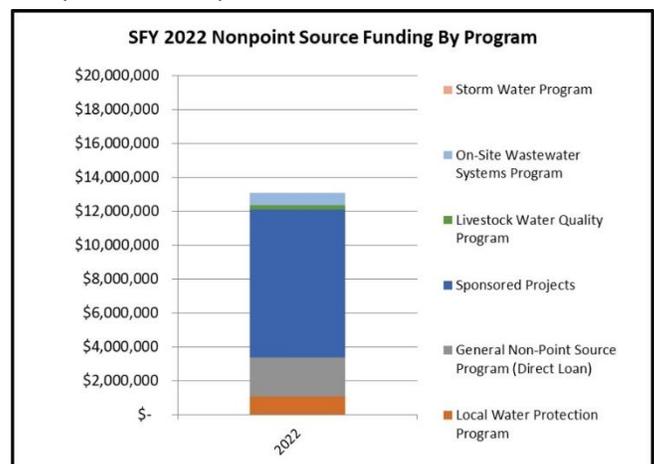
#### 2. Nonpoint Source Programs

During SFY 2022, over \$13.1 million was loaned to farmers, livestock producers, homeowners, cities, private non-profit organizations, and watershed organizations to mitigate or prevent nonpoint source pollution.

The loans were delivered directly through the SRF Program or through participating lenders by a linked deposit arrangement.

##### **Linked Deposit Loans**

Onsite Wastewater Systems Assistance Program (OSWAP). OSWAP continues to be a tool to meet Iowa’s goal of addressing the widespread problem of inadequate septic systems, with 59 projects totaling \$727,270 in loans during SFY 2022. Low-interest loans for septic system replacement have been useful since time of transfer legislation took effect. This Program continued to be utilized even though competing funding became available as state grants through the America’s Rescue Plan Act.



Local Water Protection Program (LWPP). The LWPP is administered by the Iowa Department of Agriculture and Land Stewardship’s Division of Soil Conservation and Water Quality. Disbursements in the Program for SFY 2022 totaled \$1,074,712 for 44 projects.

LWPP’s focus is on practices that prevent soil erosion and address sediment and nutrient control on agricultural land. These loans can be used to finance the entire project or as a supplement to other financial assistance. Many LWPP loans are made in conjunction with other state and federal cost-share grants. In SFY 2022, on average, borrowers utilized LWPP to cover the remaining balance of 53% of eligible expenses after using state or federal cost share programs. This shows the important role that loan programs play in implementing long-term practices in cropped systems.

Livestock Water Quality Facilities (LWQ) Program. The LWQ Program is available for facilities that are not designated as Concentrated Animal Feeding Operations (CAFOs). Facilities over 1,000 animal unit capacity are automatically considered CAFOs, but CAFOs can also be designated based on pollution discharges.

In SFY 2022, \$396,407 was loaned for linked deposits to facilitate 8 loans (1 project refinanced for a net disbursement of \$271,765). LWQP loans can be used in conjunction with EQIP (Environmental Quality Incentive Program) grants, or can cover up to 100% of the water quality components of projects. In SFY 2022, on average, borrowers utilized LWQP to cover the remaining project balance of 31% of eligible expenses after using state or federal cost share programs to implement practices that improve manure handling.

Stormwater Program (SWP). The SW Program is available for homeowners, developers and municipalities for projects that address storm water quality and are designed to keep pollutants out of waterways. Although the Program experienced an increase in interest, no loans were signed in SFY 2022.

***Loan Participation***

Loan participation was not used in SFY 2022.

***Direct Loans***

General Nonpoint Source (GNS). GNS projects that receive a Direct Loan are listed individually on the CWSRF project priority list. Two new GNS projects were added to the IUP during SFY 2022 for the Cities of Dubuque and Johnston. There were two Direct Loans assistance agreements executed in SFY 2022 for nonpoint source projects in Johnston totaling \$2,275,000, resulting in 5 stream stabilization projects.

Sponsored Projects. During SFY 2022, 16 loan amendments were signed for sponsored projects for a total of \$8,753,000 resulting in over 30 implemented nonpoint source control practices and 2 soil quality restoration cost-share programs.

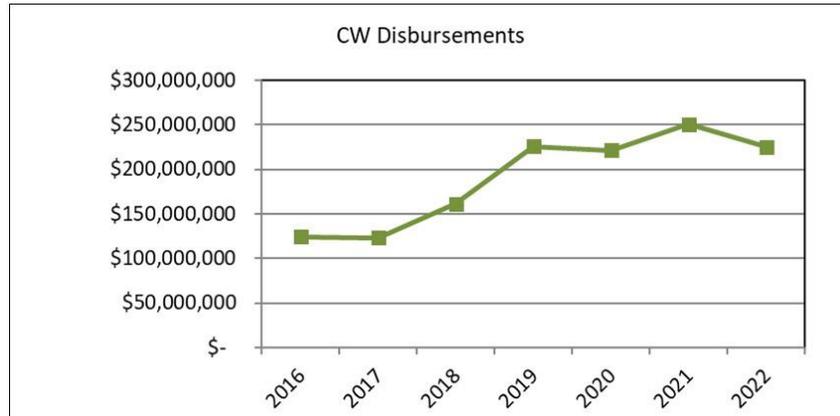
<b>Borrower</b>	<b>Project Description</b>	<b>Sponsored Project Amount</b>
City of Grimes	Improvements to the Grimes Kennybrooke South Basin were designed to reduce sediment and nutrient transport to Little Beaver Creek, a tributary of the Raccoon River. Improvements included an engineered wetland, native vegetation and landscaping of a rain garden to the south of the wetland.	\$213,000
City of Fort Dodge	An existing stormwater detention basin was retrofitted to meet new design standards in the Iowa’s Stormwater Management Manual and permeable pavers were installed at Armstrong Park in Tiffin, Iowa.	\$675,000
City of Tiffin	1,677 square yards of permeable pavers were installed at two city parks to decrease stormwater runoff and associated pollutants within the Clear Creek watersheds, a tributary to the Iowa River. In addition, a cost-share program was set up for homeowners to receive funding for soil quality restoration lawn practices.	\$486,000

Borrower	Project Description	Sponsored Project Amount
City of Eagle Grove	22,304 square yards of permeable interlocking pavers and 790 cubic yards of soil quality restoration were installed as part of the Eagle Grove downtown revitalization effort. Permeable pavers, soil quality restoration and native plantings were designed to reduce stormwater runoff in associated pollutants.	\$1,500,000
Wastewater Reclamation Authority	This streambank stabilization practice is phase 1 of a 4-phase project to stabilize the banks of sugar creek a tributary of the Racoon River. The Sugar Creek Phase 1 stabilized nearly 3,200 linear feet of stream between Booneville Rd and Stagecoach Dr. through the use of bend way weirs, bank sloping, and native vegetation establishment. The multi-phase streambank stabilization is part of the Racoon River Water Quality Master Plan to reduce sediment and nutrient loads to the Racoon River.	\$950,000
City of West Burlington	Permeable pavers and stream corridor stabilization were used to decrease stormwater runoff and improve water quality in the Flint-Henderson watershed. Five hundred linear feet of stream corridor were stabilized and 45 square feet of permeable pavers were constructed in Luers Park, West Burlington Iowa.	\$465,000
City of Johnston (4 loan amendments)	A stormwater wetland, native seeding and streambank stabilization were constructed along an unnamed tributary to Beaver Creek a tributary of the West Des Moines River to reduce erosion and sediment transport. Nearly 1,700 linear feet of stream was stabilized using constructed riffles and lateral stone toe protection.	\$989,000
City of Marshalltown	Permeable pavers (1,130 square yards) and native plantings were used to installed at First and Church streets in downtown Marshalltown. Permeable pavers will reduce stormwater runoff and associated pollutants to the Iowa River.	\$290,000
City of Eldridge (2 loan amendments)	The City of Eldridge implemented 900 linear feet of streambank stabilization on Hickory Creek a tributary of Crow Creek which converge with the Mississippi River in Riverdale, Iowa. The streambank stabilization used stone toe protection and native seeding to reduce erosion and sediment transport to the Mississippi River. The City of Eldridge also implemented a soil quality restoration cost-share program providing 50% cost-share on residential soil quality restoration up to \$2,000 per applicant. Three residential gravel alleys were also upgraded to permeable paver alleys to reduce stormwater runoff and associated pollutants to downstream waters.	\$775,000
City of West Union	Permeable pavers and a grassed waterway were constructed to reduce runoff pollutants to Otter Creek and Glovers Creek trout streams.	\$650,000
City of Underwood	A gravel trench bioswale and rock chute were constructed on Charles Creek to reduce erosion and sediment transport within the Mosquito creek watershed.	\$54,000
City of Indianola	Stormwater best management practices to address urban stormwater runoff from highly impervious areas around town in the Middle River-Felters Branch watershed. Practices include permeable pavers as part of a four-block downtown redevelopment project to capture and treat stormwater runoff from the business district and heavily traveled transportation corridor. Other potential practices include bioretention basins and detention basin retrofits.	\$1,706,000
	<b>TOTAL</b>	<b>\$8,753,000</b>

## Clean Water SRF Financial Data

**Binding Commitments.** CW Exhibit 2 details the projects and loan types and amounts for planning and design loans and construction loans for wastewater infrastructure projects, and for sponsored projects attached to wastewater loans.

**Sources of Funds.** CW Exhibit 4 shows the sources of CWSRF funds on a cash basis for the period July 1, 2021 to June 30, 2022. During the period, the State of Iowa received draws on federal capitalization grants for projects and administration. Actual investment interest is shown.



**Disbursements.** CW Exhibit 8 shows the proportionality of federal draws to the disbursements.

- Loan disbursements* - As can be seen in CW Exhibit 7, loan disbursements during SFY 2022 totaled \$225,450,000.
- Bond costs of issuance* - The Cost of Issuance Fund is outside the CWSRF. However, the EPA has asked the state to report on the Cost of Issuance Fund, as it is funded with state bond proceeds. The reason the Cost of Issuance Fund is outside the CWSRF is to avoid the crediting of costs of issuance to the state's 4% administrative expense ceiling. Otherwise, this fund is reported herein as a CWSRF account.
- Administrative costs* - As shown in CW Exhibit 6, \$4,759,000 was disbursed, or accrued, for program administration in SFY 2022. Included in this total are trustee and bond counsel fees, Iowa DNR and IFA administrative costs, contracts for Nonpoint Source Program operation, financial advisor services and program consulting services.
- Interest on bonds* - Also shown in CW Exhibit 6, \$41,084,000 was disbursed, or accrued, for payment of interest on bonds to bond holders.
- Grants and aid* - Recent appropriations have included a requirement to provide principal forgiveness. CW Exhibit 6 shows that \$2,256,000 in loan disbursements were made in SFY 2022 that are intended to be forgiven and not repaid.

Total operating expenses for SFY 2022 were \$45,843,000 as shown in CW Exhibit 6.

**Financial Statements.** CW Exhibit 5 is a statement of net position prepared on an accrual basis for the Iowa CWSRF as of June 30, 2022 and June 30, 2021. As of June 30, 2022, the CWSRF had total assets of \$2,252,901,000. The Cost of Issuance Fund is outside the CWSRF but is included in this report as previously mentioned.

CW Exhibit 6 is a statement of revenues, expenses, and changes in net position on an accrual basis for SFY 2022 and SFY 2021. CW Exhibit 7 is a statement of cash flows.

**Credit Risk of the CWSRF.** Each of the three rating agencies rates Iowa SRF bonds AAA, based on the diversity of the loan portfolio, the substantial balance sheet, and the financial flexibility provided by the Master Trust Indenture.

State rules require that recipients demonstrate their ability to provide necessary legal, institutional, managerial, and financial capability to complete the project. Each SRF loan is backed by either a revenue bond or a general obligation bond.

## Clean Water SRF Benefits Data

Iowa reports environmental benefits for construction projects, whether they are wastewater infrastructure or nonpoint source projects. Planning and design loans have yet to result in actual impacts so no environmental benefits are reported for them. The environmental benefits of the Clean Water SRF Program are tracked through the EPA's project database, the Office of Water State Revolving Funds (OWSRF) System. The OWSRF reporting system does not currently include a report option for benefits data but we are hopeful this report will become a standard for future years.

Iowa's SFY 2022 benefits data per EPA's definitions:

**Impact Human Health.** Wastewater treatment systems are required to meet water quality standards that protect human health and aquatic life. For human health, systems typically must meet A1 (primary contact recreation use), A2 (secondary contact recreation use), or A3 (children's contact recreation use).

- 100% of the Clean Water SRF funds went to wastewater systems with human health requirements in their discharge permits
- 15 construction permits were issued to communities to install wastewater disinfection systems to meet more stringent discharge limits for bacteria and meet the designated use of the receiving stream

**Achieve or Maintain Compliance:** Assistance for sewer and wastewater infrastructure projects generally helps communities either maintain their compliance with their NPDES discharge permit, or make upgrades to achieve that compliance.

- 61% of facilities/systems receiving assistance were out of compliance before the project and will be in compliance at project completion
- 39% of facilities/systems were in compliance before the project and have a lower risk of falling out of compliance after the project

**Improve or Maintain Water Quality:** According to EPA, to contribute to water quality "improvement," a project must reduce pollutant loading to the receiving waterbody. A project that simply sustains the treatment capacity of a facility counts for water quality "maintenance." These definitions were developed primarily for Section 212 POTW (point source) projects. Iowa has applied the "improvement" criteria to nonpoint source projects as well since they also reduce pollutants to groundwater, streams, and lakes.

- 79% of the funds, including both point source and nonpoint source loans, were for the purpose of improving water quality
- 21% of the funds will help point sources maintain water quality



# Annual Report

## Drinking Water State Revolving Fund

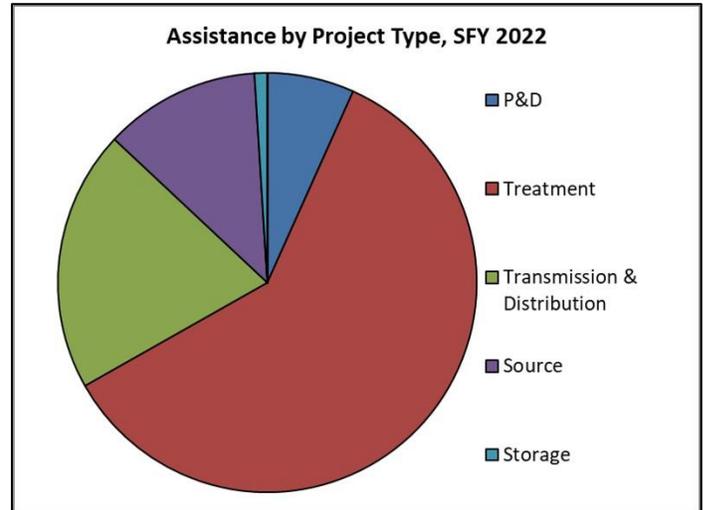
### Fiscal Year 2022

The goals and objectives for the Drinking Water SRF were laid out in the SFY 2022 Intended Use Plan (IUP), which was updated quarterly. This annual report examines the activities carried out and the progress made toward meeting those goals.

During SFY 2022, the Drinking Water SRF signed loan commitments totaling over \$53 million. This included 16 construction loans. During SFY 2022, loans ranged from \$32,000 to over \$21 million.

The Program funds projects to help public water supplies provide safe drinking water and protect public health. The largest amount of dollars was used for treatment. Other uses during SFY 2022 were for transmission and distribution, storage, and source water.

Planning and design loans were issued to allow 18 water systems to prepare for future upgrades and needs.



The DWSRF is also an important source of funding for Iowa’s Public Water Supply Supervision (PWSS) Program. The DWSRF allows up to 31% of federal capitalization grants to be set aside for other activities supporting the goals of the Safe Drinking Water Act. During SFY 2022, DWSRF set-asides were used for technical assistance to small systems, state water program management, capacity development and source water protection staffing.

### Drinking Water SRF Goals and Accomplishments

The primary long-term goals of the Iowa DWSRF are to support the protection of public health through a perpetual program of financial assistance for the purposes of constructing facilities to properly and adequately treat drinking water, protecting source water for drinking water systems, and ensuring the long-term viability of existing and proposed water systems.

Shorter-term goals and objectives were established in the SFY 2022 IUP. The goals and progress toward meeting them are discussed below.

**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.** During SFY 2022, the Intended Use Plan was updated quarterly. A total of 37 requests for construction financing, and 19 planning and design loan applications, were added to the IUP project priority list. Loan funds were committed only after an environmental review was conducted, construction permits were issued, and bidding documents were reviewed for cost eligibility.

During SFY 2022, the DNR’s Water Supply Engineering (WSE) DWSRF project managers accomplished the following to help move DWSRF projects toward loan readiness:

- Approved 28 preliminary engineering reports for DWSRF projects
- Issued 46 construction permits, 41 approvals, and 58 supplements for DWSRF projects

**Goal: Ensure that borrowers are able to provide safe drinking water at a reasonable cost for the foreseeable future.**

During SFY 2022, viability assessments were completed by each applicant and reviewed by WSE DWSRF project managers prior to signing the loan agreement. Systems determined nonviable were provided with an enforceable compliance schedule listing all actions that must be completed to return the system to viable status.

One of the provisions of the reauthorized 1996 Safe Drinking Water Act (SDWA) required the state to develop and implement a capacity development (also called viability assessment) strategy to ensure that public water supplies provide safe drinking water to their public at a reasonable cost for the foreseeable future. Iowa DNR's Drinking Water Capacity Development Program is designed to help aid water supply personnel to continually develop and improve their ability or "capacity" to serve their customers. There are three main elements of water system capacity, also known as "TMF."

- *Technical:* Adequate amounts of water, well maintained infrastructure, current technology, and qualified and knowledgeable staff to operate the system.
- *Managerial:* An effective organization and governance, accountability, properly certified operators, and good relationships and communications between boards, councils, management and staff.
- *Financial:* Enough revenue to cover current costs and future needs, fiscal controls, and credit worthiness.

Every three years in September, DNR issues a "Report to the Governor" that describes their Capacity Development Program strategy and implementation activities; accomplishments; challenges; and ongoing initiatives. The latest report was presented to the Governor in September of 2020 and is available at <https://www.iowadnr.gov/Environmental-Protection/Water-Quality/Water-Supply-Engineering/Viability-Capacity-Dev>.

**Goal: Require applicants to engage a registered Municipal Advisor (MA).** The purpose of this SRF requirement is to give SRF borrowers the professional support they need to ensure their wastewater utility will be financially sound. In Iowa, SRF projects are required to have a registered MA work with the community to analyze the current income and expenses of the utility, assist with setting rates, and advise the community on financial planning. Because we believe financial sustainability is so important, the SRF Program pays up to \$4,000 for MA expenses. In SFY 2022, a total of \$22,214 was paid to reimburse MA fees for 6 communities that have DWSRF projects.

**Goal: Implement the "Use of American Iron and Steel (AIS)" requirements.** SRF applicants are required to incorporate front-end specifications, including AIS requirements and suggested contract language, in their bid process. Template certifications, materials checklists and forms for documenting the use of the National De Minimis Waiver are made available as early as pre-bid. AIS site inspections and/or desk audits are performed prior to project completion. Since the ideal time to perform this inspection is during construction, IFA notifies DNR when they receive the first disbursement request from the applicant. That notification triggers DNR Field Office staff to initiate site visit coordination and to perform the inspection. As a part of the SRF closeout process, each applicant is also required to sign a Final Project Close-out: American Iron and Steel Self-Certification, pledging compliance with American Iron and Steel requirements.

The Iowa SRF Program created a new staff position in SRF 2022 referred to as the SRF Project Compliance Officer. This position now facilitates the state's AIS oversight process and coordinates site inspections with the DNR Field Office staff. In SFY 2022 the SRF Project Compliance Specialist met with each of the six field offices to gain feedback on the AIS inspection process and established regular outreach to DNR Field Office Staff to facilitate process improvement. This is an on-going task that will continue into SFY 2023.

During SFY 2022, a total of 8 AIS site visits were conducted by DNR Field Office staff for DWSRF projects. The purpose of the site visits is to check compliance status and provide education about AIS requirements. Reports are provided to the applicant following the visit and are used to assist the applicant in identifying and correcting issues and incomplete documentation.

On a weekly and sometimes daily basis, SRF staff continue to answer questions from consultants, owners and contractors concerning what is covered and required by AIS. EPA is consulted either directly or through the [SRF AIS@epa.gov](mailto:SRF_AIS@epa.gov) group email, when needed.

**Goal: Apply additional subsidization available in FFY 2019-FFY 2021 capitalization grants to disadvantaged community projects and public health projects.** Each capitalization grant year there has been a minimum and maximum amount allowed for additional subsidization. Iowa DWSRF Program provides targeted loan forgiveness based on eligibility criteria established for each grant and forgiveness is capped at \$1 million per project.

Loan forgiveness in the DWSRF Program has been provided for four categories of projects through 2018 CAP grant: Public Health (PH), Green Project (G), Disadvantaged Communities (D), and Emergency Power Generation (EP). Beginning with 2019 CAP grant and continuing with the 2020 CAP grant, loan forgiveness was offered only to the Public Health (PH) category. Eligible projects addressing imminent health issues will receive up to 50% loan forgiveness of eligible costs (PH) and up to an additional 25% will be offered to those public health projects that choose the option of hooking onto another viable public water supply system to address their imminent public health issue (PH/C).

Adjustments to assignments are sometimes necessary if SRF loan amounts are not fully drawn. In Iowa, additional subsidization is awarded as a percentage of loan forgiveness for a specific project. Loan forgiveness is applied as principal forgiveness when the project is complete, and the final loan disbursement has been made. If an applicant does not draw the full amount of their loan, the amount of loan forgiveness applied decreases proportionally, leaving a balance of unused loan forgiveness. The balance then becomes available for reassignment. Due to variances in final project costs, adjustments to the actual loan forgiveness amounts applied to each capitalization grant may need to be updated accordingly.

During SFY 2022, a portion of the 2018 CAP grant additional subsidy became available for reassignment and additional funding was still available under the 2019 CAP grant. One additional project was notified of their selection to receive loan forgiveness: **Manson**. This applicant has the only project addressing a public health threat by connecting to another viable system so the \$1million dollar cap was removed for the PH/C eligibility category. To achieve 75% loan forgiveness, Manson was assigned reallocated funds from 2018, 2019 and loan forgiveness money from FFY 2020 and 2021 CAP grants. Additional loan forgiveness awards will be awarded in SFY 2023 for the remaining 2021 CAP grant additional subsidization. Loan forgiveness was not applied to final loan amounts for any eligible applicants during SFY 2022.

Beginning in 2019 CAP grant, the Safe Drinking Water Act (SDWA) requires an additional subsidy of an additional 6% of the state’s allocation to be allocated specifically to Disadvantaged Communities (DC). During SFY 2022, these eligible applicants were notified of their selection to receive loan forgiveness as a Disadvantaged Community and were posted in the IUP: **Early, Armstrong, Thor, Lanesboro and Jamaica**. Awards were offered at 50% of eligible costs with a cap of \$1 million dollars. This information is entered in the OWSRF reporting system when a loan is executed but assignments to grant years and amounts are not final until a loan is closed.

**Goal: Promote and identify sustainable practices in projects proposed for funding.** A 2010 EPA policy provided four strategies for making water utilities, and the communities they serve, more sustainable. The table below shows Iowa’s efforts to implement these strategies during SFY 2022.

Strategy	Implementation	SFY 2022 Outcomes
Promote planning processes that support sustainability	Iowa participates in training sessions to inform potential borrowers about using SRF to implement sustainable practices	During SFY 2022, the SRF staff presented on DWSRF opportunities at conferences, meetings and workshops as they were available. Here are a few examples: <ul style="list-style-type: none"> <li>• Iowa League of Cities Annual Conference</li> <li>• Iowa Municipal Finance Officer Association</li> <li>• IA Municipal Utilities, Small Systems Funding Workshop</li> </ul>
	Iowa provides planning and design (P&D) loans to assist communities with project development	As shown in DWSRF Exhibit 2, 18 communities received planning and design loans during SFY 2022.

Strategy	Implementation	SFY 2022 Outcomes
Encourage community sustainability	The Drinking Water SRF promotes green practices such as upgrades to water meters	There were no projects proposed this SFY that included water meter replacements.
Promote sustainable water and wastewater systems	Iowa SRF requires that borrowers work with a municipal advisor to set rates sufficient to repay debt service while maintaining the system	This ensures that the utility can sustain itself without the need for grant or other non-user generated funds. In SFY 2022, a total of \$22,214 was paid to reimburse MA fees for 6 communities that have DWSRF projects.
Target SRF assistance	Iowa's SRFs promote the "fix-it-first" approach for water and wastewater infrastructure in existing communities and prohibit "speculative growth"	DWSRF Planning and Design loans for water main installation were added to the IUP for these systems: <b>Aurelia, Ankeny, Pleasantville, Hospers.</b> DWSRF water main replacement projects were added to the IUP in SFY 2022 for these water systems: <b>Monroe, Grundy Center, Pleasantville, Knoxville (dropped later in SFY), Renwick, Volga.</b>
	Required additional subsidization is used for public health projects and disadvantaged communities	Loan forgiveness is discussed above

**Goal: Comply with grant reporting conditions.** The new SRF data reporting system, Office of Water State Revolving Funds (OWSRF) System, brought many challenges to the state upon implementation in SFY 2021 but Iowa continues to work with EPA Headquarters staff to resolve state-specific issues as they are discovered. Iowa also continues to request reports or other functional changes to the system, as needed. During SFY 2022, there were times that workload and staff turn-over made this quarterly goal challenging to keep up with. New staff were trained in OWSRF and attended the National Information Management System (NIMS) training. New processes and triggers were put in place to assist with the consistent and timely reporting of this data. SRF staff will continue to report project and program information through OWSRF no less than quarterly, to the extent possible.

**Goal: Comply with EPA guidance on reporting under the Federal Funding Accountability and Transparency Act (FFATA).** In accordance with the Federal Funding Accountability and Transparency Act (FFATA or Transparency Act), prime awardees of individual Federal grants that are equal to or greater than \$25,000 and awarded on or after October 1, 2010, are required to report subaward and executive compensation data on the FFATA Subaward Reporting System (FSRS). SRF identifies borrowers with large loan amounts that will equal the amount of the federal capitalization grant. During SFY 2022, 1 loan with Cedar Rapids (FS-57-20-DWSRF-022) in the amount of \$21,619,000 was submitted to complete equivalency reporting against 2020 CAP Grant in the amount of \$17,443,000 and \$4,176,000 of this loan was submitted for partial reporting for the 2021 CAP Grant. The SRF Program will continue to monitor for eligible borrowers and loans throughout the next fiscal year. Borrowers that meet the requirements of FFATA and equivalency will be reported to satisfy the FFY 2021 grant requirements.

**Goal: Comply with the EPA Signage Guidance.** During SFY 2022, SRF issued news releases and posted regular IUP updates that showed loans signed. The SRF Program sends out a press release listing all the SRF loans that were signed. The press release lists the names of the loan recipients, the amount of each loan, a description of each project and a contact for each community for more information. Many of the local papers are eager to print these releases.

**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.** Project managers continued to utilize the Project Scoring System outlined in 567 IAC Chapter 44 to score projects; projects that address a human health risk receive a relatively higher score to indicate their priority. Projects addressing high priority public health issues are provided with loan forgiveness.

During SFY 2022 SRF staff worked closely with DNR field office, water supply operations and water supply engineering staff to provide incentives to systems on the EPA's Enforcement Tracking Tool list and those under a public health advisory.

**Goal: Apply program requirements that are simple and understandable and do not add unnecessary burdens to applicants or recipients.** During SFY 2022 SRF staff continued to assist applicants with completing the federal cross-cutting requirements for environmental and historical review. The SRF environmental review staff completed 31 assessments, including:

- 11 categorical exclusions (CXs)
- 17 full assessments that ended in Findings of No Significant Impact (FNSIs)
- 3 reaffirmation (RE) of a project that changed after the original assessment was completed

The SRF Environmental Review staff also began work with the DNR legal staff on a general MOA template to be distributed to SRF applicants whose projects will require a legal agreement to mitigation a State Historic Preservation Office (SHPO) determination of adverse effect. Development of a MOA can be overly burdensome and costly for borrowers to complete on their own. The template is expected to be available to borrowers in the beginning of SFY 2023 and SRF ER staff will continue to facilitate the MOA process on behalf of our borrowers.

**Goal: Continue the option of extended financing terms for DWSRF infrastructure projects.** Applicants seeking extended financing complete a worksheet outlining the anticipated life of the project components and their related costs. That worksheet produces a weighted average which determines the extended term between 20 and 30 years. The **City of Early** used extended financing in SFY 2022.

**Goal: Maintain mechanisms for funding the on-going administration of the program if federal funding is reduced or eliminated.** During SFY 2022, initiation and servicing fees were collected on DWSRF loans for deposit to administrative accounts. Funds to administer the Drinking Water SRF Program come from capitalization grants and from loan fees.

**Goal: Manage the DWSRF to maximize its use and impact through sound financial management.** SRF staff and financial advisors continually monitor the financial health of the fund. 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, backed by those DWSRF loans, and uses the bond proceeds to replenish the equity fund. The leveraging capacity of the DWSRF is robust due to the maturity of the fund and the current loan portfolio. SRF staff has analyzed the future financial capacity of the DWSRF with respect to the discussion over water quality standards and other future drinking water needs. Using relatively conservative assumptions, the Program estimates that the DWSRF could loan \$100 million per year on average over the next 10 years, or a total of \$1 billion.

**Goal: Implement programs that effectively address water system needs and target appropriate audiences.** During SFY 2022, SRF staff educated users and potential users about the program offerings through presentations, displays, program materials, project meetings, and the IowaSRF.com website.

**Goal: Update the DWSRF Operating Agreement.** In SFY 2022, Iowa resumed efforts with EPA to update the Drinking Water SRF Operating Agreement between DNR and EPA. EPA Region 7 staff suggested changes to the current document. To minimize frequent updating, the EPA proposed the use of a streamlined document that can facilitate information as references from the state and EPA SRF websites, the state's IUP, and other program supporting documents. EPA Region 7 also provided Iowa with another Region 7 state's SRF Operating Agreement that was under their review. All of these references are being taken into consideration but efforts to update the Operating Agreement were placed on hold as planning efforts for the Bipartisan Infrastructure Law Intended Use Plans became a higher priority in SFY 2022.

## Drinking Water SRF Program Data

### 1. Loan Projects

During SFY 2022, several SRF milestones were tracked to indicate project status, including when the loan was signed, when construction was started, and when the facility initiated operations.

The Drinking Water SRF Intended Use Plan (IUP), as amended throughout the year, included requests for planning & Design (P&D) and construction loans. The total list of projects that were included on the IUP during SFY 2022 is shown as DW Exhibit 1.

DW Exhibit 2 shows the P&D and construction loans signed during SFY 2022. Binding commitments totaling \$53,276,297 were executed (adjusted net total was \$45,583,599.68). Loans ranged from a \$32,000 P&D loan for the **City of Hospers** for a water main replacement project, to the **City of Cedar Rapids** \$21.6 million dollar construction loan for a treatment plant capacity improvement and softener.

DW Exhibit 2A shows that during SFY 2022, 18 projects reported construction starts. A total of 21 projects reported that they had initiated operations, as shown in DW Exhibit 2B.

DW Exhibit 2C is a list of projects for which the environmental and historical review process was completed during SFY 2022. These reviews resulted in 11-Categorical Exclusions (CX), 17-Findings of No Significant Impact (FNSI), and 3-Reaffirmation (RE).

### 2. Set-Asides

States are allowed to take or reserve up to 31% of 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. There are four different set-asides, including:

- Small System Technical Assistance (2% of capitalization grants)
- DWSRF Administration (4%)
- State Program Management (10%)
- Other Authorized Uses (15%, with no more than 10% to any one activity)

During SFY 2022, DNR used set-aside funds to accomplish goals and proposed activities set forth in the DWSRF Set-Aside Workplan approved by EPA. These items are briefly summarized below.

Technical Assistance for Small Systems. Iowa is a small system state, with 92.7% of the public water supply systems serving a population of 3300 or less. All community and non-transient non-community systems are required to have a properly certified operator for the water treatment and water distribution facilities. As of September 7, 2021, operators had two options for exam delivery: remote proctoring and the traditional method of proctored exams at an DNR Field Office or Community College computer lab. The operator certification examination process benefits all systems and operators by making it more convenient to take the examination at the time and place that is beneficial to the operator. Several of the large system operators also run small systems as affidavit operators.

In the reporting year 2022 Iowa's Operator Certification Program administered 1812 exams of which 1116 were given remotely through PSI and 696 were computer based, and proctored by community colleges and DNR Field Staff.

We have seen how the virtual, interactive classroom format has benefited both our small and large systems, not only educationally, but financially. The virtual classroom has enabled more small systems to allow, not only their certified staff, but also some of their management and municipal staff such as city clerks; city councils; mayors or owners to participate in training. There were 4 virtual courses held for "Grade A Initial Certification" with 40 people completing the course. There were 4 virtual courses held for "Grade A Continuing Education" with 96 people completing the course.

DNR field staff also provide direct technical assistance to small system operators. Contacts including compliance follow-up and assistance: 1556

DWSRF Administration. This set-aside was used for the administration of the DWSRF. DNR work, totaling \$721,838 expended, included the following activities:

- Approved 28 Preliminary Engineering Reports (PER)
- Issued 46 permits, 41 approvals, and 58 supplements for DWSRF projects
- Updated the current NIMS report on 10/27/2021
- Conducted 10 American Iron and Steel inspections
- Submitted the annual program report to EPA on 10/1/2021
- Completed 16 archaeological assessments

In May 2022, the Iowa Finance Authority issued Green Bonds totaling \$206,180,000 for both Clean Water and Drinking Water SRF Programs.

State Program Management. This set-aside was used for the implementation of all activities associated with the Public Water Supply Supervision Program not covered by other funding, including the following:

- Completion of four quarterly meetings with U.S. EPA
- Issuance of project approvals for non-DWSRF projects, including 12 reports, 594 construction permits, 200 approvals, and 114 supplements
- Ongoing design and support for the SDWIS and safe drinking water databases
- Development and/or demonstration of Surface Water Treatment Operator Training Curriculum for Module 4: Filtration (demonstration) and Module 5: Disinfection (development and demonstration)
- Provided 8 wasteload allocations for discharging public water supplies
- There were no contact time determinations or corrosion control studies conducted in this reporting period

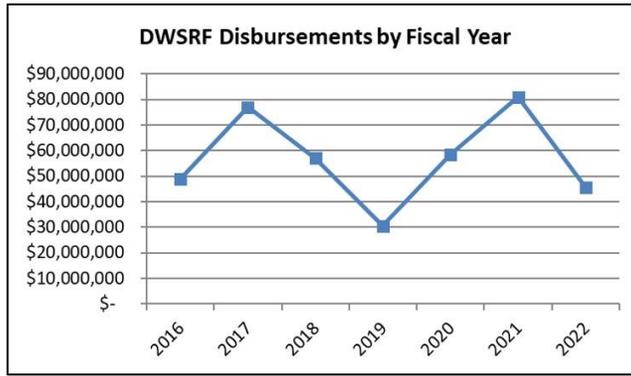
Other Authorized Uses. The primary uses of this set-aside in SFY 2022 were for the development of technical, managerial, and financial capacity for Iowa's public water supplies and for the coordination and administration of the Source Water Protection Program. Accomplishments included:

- Sanitary surveys completed: 500 completed by DNR and 131 completed by counties via 28-E agreements
- Technical assistance contacts (DNR) including compliance follow-up and assistance: 1556
- Number of additional onsite visits completed: 138 by DNR; 210 by counties via 28-E agreements
- Capacity development reviews for SRF applicants: 28; new systems: 5; and existing systems: 3
- Number of public water supplies assisted through Iowa Association of Municipal Utilities contract: 84
- Public wells and capture zone spatial databases updated: 128 public wells updated, 44 new well additions, and 65 updates and additions to capture zones
- No voluntary comprehensive performance evaluation events were conducted this fiscal year
- Number of new Phase 1 Source Water Protection Plan (SWPP) reports: 14
- Number of existing Phase 1 SWPP reports updated: 23
- Number of completed Phase 2 SWPP: 5
- Number of community systems receiving assistance to implement best management practices from Phase 2 SWPP: 1

### **Drinking Water SRF Financial Data**

Binding Commitments. DW Exhibit 2 details the projects and loan types and amounts.

Sources of Funds. DW Exhibit 4 shows the sources of DWSRF funds on a cash basis for the period July 1, 2021 to June 30, 2022. During the reporting period, the State of Iowa received draws on federal capitalization grants for loan projects and set-aside expenditures. Interest earnings on investments actually received are shown.



**Disbursements.** DW Exhibit 8 shows the proportionality of federal draws to the disbursements and verifies that the federal participation to date does not exceed that allowed.

- a. *Loan disbursements* - As can be seen in DW Exhibit 7, loan disbursements during SFY 2022 totaled \$45,688,000 million.
- b. *Bond costs of issuance* - The Cost of Issuance Fund is outside the DWSRF. However, the EPA has asked the state to report on the Cost of Issuance Fund, as it is funded with state bond proceeds. The only reason the Cost of Issuance Fund is outside the DWSRF is to avoid the crediting of costs of issuance to the state's 4% administrative set-aside ceiling. Otherwise, this fund is reported herein as a DWSRF account.
- c. *Set-aside costs* - As shown in DW Exhibit 6, \$4,216,000 was disbursed, or accrued, for program administration, technical assistance for small systems, state program management, and other authorized uses.

DW Exhibit 10 shows how DWSRF Program set-aside funds have been disbursed or reserved from each capitalization grant. The set-asides used in Iowa include administrative, technical assistance to small systems, local assistance and other authorized activities, and state program management. Administrative expenditures are described above. Technical assistance, other authorized activities and state program set-asides are used primarily for staff support and contractual assistance.

- d. *Interest on bonds* - As shown in DW Exhibit 6, \$10,527,000 was disbursed, or accrued, for payment of interest on bonds to bond holders in SFY 2022.
- e. *Grants and aid.* DW Exhibit 6 shows that \$739,000 in loan disbursements were made in SFY 2022 that are intended to be forgiven and not repaid.

Total operating expenses for SFY 2022 were \$14,718,000 as shown in DW Exhibit 6.

**Financial Statements.** DW Exhibit 5 is a statement of net position prepared on an accrual basis for the Iowa DWSRF as of June 30, 2021 and June 30, 2022. As of June 30, 2022, the DWSRF had total assets of \$754,974,000. The Cost of Issuance Fund is outside the DWSRF but is included in this report as previously mentioned.

DW Exhibit 6 is a statement of revenues, expenses, and changes in net position on an accrual basis for SFY 2022 and SFY 2021. DW Exhibit 7 is a statement of cash flows.

**Credit Risk of the DWSRF.** Each of the three rating agencies rates Iowa SRF bonds AAA, based on the diversity of the loan portfolio, the substantial balance sheet, and the financial flexibility provided by the Master Trust Indenture.

State rules require that recipients demonstrate their ability to provide necessary legal, institutional, managerial, and financial capability to complete the project. Each SRF loan is backed by either a revenue bond or a general obligation bond.

## **Public Health Benefits of DWSRF Projects**

As stated in the 2016 U.S. EPA Drinking Water State Revolving Fund Eligibility Handbook:

“The principal objective of the DWSRF is to facilitate compliance with national primary drinking water regulations or otherwise significantly advance the public health protection objectives of the Safe Drinking Water Act (SDWA).”

Each DWSRF project is evaluated for the public health and other benefits it will provide. The benefits of the DWSRF Program are tracked through the EPA’s Office of Water State Revolving Funds (OWSRF) System. The benefits are now being tracked under the following compliance categories:

- Address State-only Listed Contaminant*
- Return to Compliance*
- Maintain Compliance*
- Comply with Upcoming Compliance*
- Other Assistance Not Compliance Related*

All of the construction projects listed in Exhibit 2 were reported to assist compliant systems to Maintain Compliance and the Planning & Design Loans were listed as Other Assistance Not Compliance Related.

# Clean Water Exhibits

1-9

**CW Exhibit 1: SFY 2022 Intended Use Plan Project Priority List**  
**P-Planning Stage, R-Ready for Loan, L-Loan Signed, D-Dropped, DC-Disadvantaged Community, G-Green**

Project Name	NPDES #	Project Number	CWSRF No.	IUP YR	QTR	Needs Categories	Priority Points	Current Requests	Project Status	Type
Milo	9155001	W2021-0111A	CS1921054 01	2022	4	II	272	4,192,000	P	
Earlham	6115001	W2020-0448A	CS1921055 01	2022	4	II	264	6,241,000	P	
New Hartford	1271001	W2022-0029A	CS1921058 01	2022	4	II	245	319,000	P	
Primghar	7155001	W2021-0194A	CS1921051 01	2022	4	II	224	6,173,000	P	
Winfield	4493001	W2017-0391A	CS1921053 01	2022	4	II	222	1,915,530	P	
Muscatine	7048001	S2022-0036A	CS1921056 01	2022	4	V	200	8,056,000	P	
Elgin	3338001	W2022-0105A	CS1921059 01	2022	4	II	180	604,000	P	
Sibley	7245001	W2021-0398A	CS1921060 01	2022	4	II	174	3,640,110	P	
Whittemore	5595001	W2021-0455A	CS1921050 01	2022	4	IIIA	154	507,000	P	
Crystal Lake	4115001	W2021-0426A	CS1921052 01	2022	4	IIIA	139	450,000	P	
Dubuque (FM Stabilization)	3126001	W2022-0200A	CS1921061 01	2022	4	IIIB	139	2,076,782	P	
Johnston (NW Area SS Ext)	7740002	W2022-0196A	CS1921062 01	2022	4	IVA	135	17,620,735	P	
Algona	5502001		PD-CW-22-61	2022	4		P&D	1,120,000	L	
Aurelia	1806001		PD-CW-22-62	2022	4		P&D	48,000	L	
Earlham	6115001		PD-CW-22-58	2022	4		P&D	410,000	L	
Johnston	7740002		PD-CW-22-63	2022	4		P&D	460,000	L	
La Porte City	0743001		PD-CW-22-60	2022	4		P&D	165,160	L	
Sun Valley Sanitary District	8000701		PD-CW-22-59	2022	4		P&D	191,950	L	
Lake City	1345003	W2019-0385A	CS1921042 01	2022	3	II	254	8,234,000	P	
Allison	1203001	S2020-0003A	CS1921039 01	2022	3	II	249	2,144,000	P	
Danbury	9729001	W2020-0188A	CS1921040 01	2022	3	II	245	2,606,000	P	
Marshalltown	6469001	W2020-0410A	CS1921044 01	2022	3	I, IIIA	240	13,247,000	P	
Riceville	6670001	W2020-0317A	CS1921046 01	2022	3	II	219	2,066,280	P	
Winterset	6171001	S2020-0429A	CS1921038 01	2022	3	II	219	18,898,000	P	
Dubuque (Granger Cr SS Improv)	3126001	W2022-0094A	CS1921049 01	2022	3	IVB	180	3,065,552	P	
Monona	2264001	W2022-0061A	CS1921045 01	2022	3	IIIA	145	704,000	P	
Houghton	5633001	W2021-0176A	CS1921041 01	2022	3	IIIA	139	653,000	P	
Stockport	0061603	S2021-0167A	CS1921047 01	2022	3	IIIA	139	332,000	P	
Sun Valley Sanitary District	8000701	W2021-0343A	CS1921048 01	2022	3	IIIA	129	1,704,000	P	

Project Name	NPDES #	Project Number	CWSRF No.	IUP YR	QTR	Needs Categories	Priority Points	Current Requests	Project Status	Type
Cherokee	1811002		PD-CW-22-44	2022	3		P&D	720,000	L	
Clarence	1630001		PD-CW-22-37	2022	3		P&D	519,500	L	
Crystal Lake	4115001		PD-CW-22-45	2022	3		P&D	135,000	L	
Danbury	9729001		PD-CW-22-46	2022	3		P&D	257,000	L	
Defiance	8315001		PD-CW-22-47	2022	3		P&D	185,000	P	
Doon	6015001		PD-CW-22-48	2022	3		P&D	190,000	L	
Dow City	2427001		PD-CW-22-49	2022	3		P&D	203,000	L	
Dubuque	3126001		PD-CW-22-38	2022	3		P&D	465,000	L	
Dubuque	3126001		PD-CW-22-39	2022	3		P&D	400,000	L	
Essex	7349001		PD-CW-22-50	2022	3		P&D	180,000	L	
Farmington	8930001		PD-CW-22-35	2022	3		P&D	100,000	L	
Forest City	9525001		PD-CW-22-51	2022	3		P&D	1,120,000	L	
Libertyville	5148001		PD-CW-22-36	2022	3		P&D	90,000	L	
Milo	9155001		PD-CW-22-52	2022	3		P&D	502,000	L	
Modale	4347001		PD-CW-22-53	2022	3		P&D	291,755	L	
Ricketts	2441001		PD-CW-22-54	2022	3		P&D	207,000	L	
Webster City	4063001		PD-CW-22-55	2022	3		P&D	2,000,000	L	
Humboldt	4641001	W2021-0004A	CS1921024 01	2022	2	II	255	1,724,000	P	
Morning Sun	5857001	W2019-0130A	CS1921036 01	2022	2	II	250	1,972,500	P	
Saint Ansgar	6673001	W2020-0420A	CS1921035 01	2022	2	II	239	376,000	P	
Ackley	4201001	W2020-0217A	CS1910863 02	2022	2	II	227	3,759,968	P	
Victor	4875001	W2018-0463A	CS1921029 01	2022	2	II	224	1,261,000	P	
Wheatland	2394001	W2020-0269A	CS1921022 01	2022	2	II	224	608,000	P	
Clinton	2326001	W2021-0115A	CS1921021 01	2022	2	II	210	97,526,000	P	
WRA (Phosphorus Recovery Fac)	7727001	W2020-0400A	CS1921032 01	2022	2	II	205	30,000,000	P	
WRA (Birdland PS Improv)	7727001	W2021-0437A	CS1921031 01	2022	2	IVB	175	20,370,000	L	
WRA (So Tier Int, Ph10, Seg 23-27)	7727001	W2021-0366A	CS1921033 01	2022	2	IVA	165	17,658,000	P	
Dyersville	3130001	W2021-0389A	CS1921037 01	2022	2	IVB	160	1,589,000	P	
Waterloo (Hwy 63 So Int Upgrade)	0790001	W2021-0438A	CS1921030 01	2022	2	IIIB	160	8,105,000	L	
Dubuque (Old Mill Rd LS & FM)	3126001	W2021-0394A	CS1921034 01	2022	2	IVB	154	25,467,000	P	
Nashua	1967001	W2021-0293A	CS1921027 01	2022	2	IIIB	139	164,000	P	

Project Name	NPDES #	Project Number	CWSRF No.	IUP YR	QTR	Needs Categories	Priority Points	Current Requests	Project Status	Type
Lytton	9133001	W2021-0424A	CS1921025 01	2022	2	IIIB	134	479,000	P	
Alta	1103002	W2021-0258A	CS1921023 01	2022	2	IIIA	129	1,704,000	L	
Moravia	0467001	W2021-0155A	CS1921026 01	2022	2	IIIA	129	298,000	P	
Rockwell City	1376001	S2018-0350A	CS1921028 01	2022	2	IVA	119	774,000	L	
Alta	1108001		PD-CW-22-19	2022	2		P&D	109,000	L	
Clinton	2326001		PD-CW-22-20	2022	2		P&D	4,500,000	L	
Cumming	9123001		PD-CW-22-21	2022	2		P&D	325,000	L	
Dubuque	3126001		PD-CW-22-22	2022	2		P&D	290,000	L	
Fostoria	2122001		PD-CW-22-23	2022	2		P&D	271,000	L	
Lake City	1345003		PD-CW-22-24	2022	2		P&D	579,500	P	
McGregor	2258001		PD-CW-22-25	2022	2		P&D	297,500	L	
Shenandoah	3659001		PD-CW-22-26	2022	2		P&D	1,595,000	L	
Treynor	7866002		PD-CW-22-27	2022	2		P&D	410,000	L	
Winterset	6171001		PD-CW-22-28	2022	2		P&D	1,700,000	L	
Monticello	5343001	W2018-0419A	CS1921009 01	2022	1	II	260	14,497,000	P	
Montpelier	7038901	W2021-0086A	CS1921015 01	2022	1	II	260	400,000	P	
Frederika	0922001	W2020-0141A	CS1921013 01	2022	1	I, IIIA	254	2,153,000	P	DAC
Jefferson	3742001	W2020-0326A	CS1921005 01	2022	1	II	252	10,254,000	P	
Grandview	5842001	W2020-0414A	CS1921020 01	2022	1	II	245	3,286,000	P	
Leland	9549001	W2020-0011A	CS1921016 01	2022	1	II	237	1,349,000	P	DAC
Fort Madison	5625001	W2021-0203A	CS1921017 01	2022	1	V	224	4,463,000	P	
Knoxville	6342001	W2021-0156A	CS1921011 01	2022	1	II	224	5,899,000	L	
Terrace Hill Sanitary District	3500900	S2020-0079A	CS1921019 01	2022	1	IVB	194	2,008,600	P	
Fort Dodge	9433003	W2021-0284A	CS1921018 01	2022	1	II	180	5,025,000	P	
Humeston	9348001	W2020-0141A	CS1921014 01	2022	1	II	175	1,303,000	P	DAC
Hubbard	4254001	W2017-0079C	CS1921010 01	2022	1	IIIA	139	344,000	L	
Dubuque	N/A		GNS 21-02	2022	1	VI	GNS	2,600,000	P	G
Johnston	N/A		GNS 21-01	2022	1	VIIIK	GNS	699,000	L	G
Alta	1108001		PD-CW-22-08	2022	1		P&D	94,000	L	2021
Eddyville	9049001		PD-CW-22-01	2022	1		P&D	425,000	L	2021
Fort Dodge	9433003		PD-CW-22-09	2022	1		P&D	450,000	L	2021

Project Name	NPDES #	Project Number	CWSRF No.	IUP YR	QTR	Needs Categories	Priority Points	Current Requests	Project Status	Type
Grandview	5842001		PD-CW-22-02	2022	1		P&D	294,000	L	
Hospers	8439001		PD-CW-22-17	2022	1		P&D	50,000	L	
Humeston	9348001		PD-CW-22-10	2022	1		P&D	130,000	L	DAC
Knoxville	6342001		PD-CW-22-03	2022	1		P&D	450,000	L	2021
Marengo	4843001		PD-CW-22-04	2022	1		P&D	560,000	L	2021
Mingo	5052001		PD-CW-22-05	2022	1		P&D	232,000	L	
New Hampton	1970001		PD-CW-22-06	2022	1		P&D	1,370,000	L	2021
Oskaloosa	6273001		PD-CW-22-07	2022	1		P&D	2,850,000	L	2021
WRA (So Tier Int, Ph 10, Seg 10-23)	7727001		PD-CW-22-11	2022	1		P&D	403,000	P	
Marengo	4843001	W2017-0244A	CS1921008 01	2021	4	II	249	5,863,000	P	
Ridgeway	9680001	W2019-0244A	CS1920991 01	2021	4	II	245	1,087,000	P	
Savage	9400900	S2016-0156A	CS1921004 01	2021	4	II	245	1,063,285	P	
Winneshiek County (Festina)	9600302	W2018-0288A	CS1921002 01	2021	4	II	235	406,000	P	
Armstrong	3203001	S2015-0225A	CS1921007 01	2021	4	II	232	3,789,000	P	
Lake City	1345003	W2019-0385A	CS1920986 01	2021	4	I	144	163,000	P	
Independence	1037001	W2021-0151A	CS1921000 01	2021	4	I	139	0	D	
Saint Ansgar	6673001	W2020-0421A	CS1921003 01	2021	4	IVA	135	471,000	P	
Stockport	8973001	S2021-0167A	CS1921006 01	2021	4	IIIA	134	389,000	L	
Lovilia	6858001	W2020-0292A	CS1921001 01	2021	4	IVB	114	299,490	P	
Coralville	5208001		PD-CW-21-61	2021	4		P&D	694,400	P	
Crescent	7822001		PD-CW-21-48	2021	4		P&D	450,000	P	
Montpelier Sanitary District	7038901		PD-CW-21-68	2021	4		P&D	100,000	P	
Morning Sun	5857001		PD-CW-21-69	2021	4		P&D	310,000	L	
Saint Ansgar	6673001		PD-CW-21-71	2021	4		P&D	32,000	P	
Saint Ansgar	6673001		PD-CW-21-72	2021	4		P&D	64,400	P	
Maquoketa	4950001	W2020-0203A	CS1920988 01	2021	3	II	275	11,930,355	P	
Jesup	1044002	W2020-0018A	CS1920997 01	2021	3	I, II	264	9,238,000	L	
Traer	8681001	W2018-0376A	CS1920999 01	2021	3	II, IIIB	259	1,805,000	P	
Dougherty	1722001	S2017-0251A	CS1920993 01	2021	3	I, IVA	232	865,000	P	DAC
Chariton	5903001	S2018-0461A	CS1920990 01	2021	3	II	224	4,216,000	L	
Hartley	7128001	W2020-0430A	CS1920994 01	2021	3	IIIB	147	520,000	L	

Project Name	NPDES #	Project Number	CWSRF No.	IUP YR	QTR	Needs Categories	Priority Points	Current Requests	Project Status	Type
Peterson	2154002	W2019-0338A	CS1920998 R1	2021	3	IIIA	139	434,000	L	
Peterson	2154002	W2019-0338A	CS1920998 R2	2021	3	IIIA	139	161,000	L	
Peterson	2154002	W2019-0338A	CS1920998 S1	2021	3	IIIA	139	701,000	L	
Correctionville	9721001	W2021-0041A	CS1920995 01	2021	3	IVB	124	301,000	L	
Centerville	0407003	W2019-0235A	CS1920978 01	2021	2	I, II	277	9,889,000	L	
West Branch	1694001	W2018-0227A	CS1920982 01	2021	2	II	230	7,187,000	P	
Lidderdale	1453001	W2019-0267A	CS1920983 01	2021	2	II	227	1,548,000	P	
Mount Ayr	8055001	W2020-0412A	CS1920984 01	2021	2	I, IIIB	195	380,000	P	
Anamosa	5307001	W2020-0202A	CS1920985 01	2021	2	VI	155	2,802,000	P	
Dyersville	3130001	W2020-0384A	CS1920980 01	2021	2	IVB	150	2,764,000	P	
Slater	8580001	W2019-0383A	CS1920981 01	2021	2	IVA	109	1,097,000	L	
Oxford	5260001		PD-CW-21-22	2021	2		P&D	300,000	L	
Elk Run Heights (with Raymond)	0721001	W2017-0093A	CS1920963 R1	2021	1	II	294	3,320,000	L	
Lake Park	3045001	W2018-0379A	CS1920971 01	2021	1	I, II	267	6,600,000	L	
Miles	4953001	S2019-0420A	CS1920966 01	2021	1	I, IVB	232	2,262,000	L	
Grimes	7763001	W2017-0143A	CS1920975 01	2021	1	IVB	227	36,573,000	L	
Walford	0690001	W2019-0421A	CS1920970 01	2021	1	II	224	941,000	L	
Ottumwa	9083001	2019-0263A	CS1920972 01	2021	1	V	205	40,000,000	P	
Harpers Ferry	0330001	2018-0426A	CS1920962 01	2021	1	II	182	0	D	
McGregor	2258001	W2020-0140A	CS1920974 01	2021	1	IIIA	162	2,101,000	L	DAC
Wayland	4490001	S2017-0271A	CS1920968 02	2021	1	IIIA	154	317,000	R	
Vinton	0688001	W2018-0031A	CS1920969 01	2021	1	II	145	7,393,000	P	
Casey	3914001	W2020-0227A	CS1920976 01	2021	1	IIIA	134	360,000	L	
Lovilia	6858001		PD-CW-21-04	2021	1		P&D	154,000	P	
Perry	2561001	S2019-0057A	1920954 01	2020	4	I, II, IIIA	284	28,900,000	L	DAC
WRA, Ingersoll Run Outlet		S2020-0142A	1920955 01	2020	4	V	197	26,934,000	P	
Toledo	8676001	S2020-0162A	1920957 01	2020	4	IIIA	154	633,000	P	
Cushing	9725001	S2020-0159A	1920959 01	2020	4	IIIB	129	309,000	L	
Storm Lake	1178001	S2019-0384A	1920960 01	2020	4	IIIB	129	1,608,000	L	
Rickardsville	3175001	S2020-0158A	1920956 01	2020	4	IVA	114	1,032,000	P	
Dickinson County - Francis Sites	N/A		GNS-20-03	2020	4	VI	N/A	500,000	R	G

Project Name	NPDES #	Project Number	CWSRF No.	IUP YR	QTR	Needs Categories	Priority Points	Current Requests	Project Status	Type
Center Point	5713001	W2018-0172A	1920947 01	2020	3	I, II, IVB	315	9,955,000	L	
Janesville	0732001	D2018-0460A	1920948 01	2020	3	I	245	1,000,000	L	
Nevada	8562001	W3029-0233A	1920945 R3	2020	3	I, II, IVB	234	10,000,000	L	
Nevada	8562001	W3029-0233A	1920945 R4	2020	3	I, II, IVB	234	27,367,000	P	
Pomeroy	1363001	W2020-0084A	1920951 01	2020	3	IIIA	134	1,980,000	P	
Melcher-Dallas	6352001	S2018-0333A	1920940 R1	2020	2	I, II	282	1,597,000	L	
Melcher-Dallas	6352001	S2018-0333A	1920940 G1	2020	2	I, II	282	1,597,000	L	
Runnells	7774001	S2017-0330A	1920943 01	2020	2	I, II	282	1,889,000	P	
Dysart	862700	W2018-0132A	1920936 01	2020	2	I, II	264	5,462,000	L	
WRA, Des Moines Sewer Lining	7727001	S2019-0363A	1920934 02	2020	2	IIIB	170	31,441,125	P	
Waterloo (Titus LS and FM)	0790001	S2019-0352A	1920935 01	2020	2	IVA	140	5,170,000	P	
Tipton	1689001	S2019-0415A	1920939 01	2020	2	IIIA	127	419,000	P	
Solon	5282001	S2019-0293A	1920942 01	2020	2	IVB	119	1,247,000	R	
Indianola	9133001	S2015-0386	1920927 G1	2020	1	I, II	295	16,345,000	L	
Johnston	N/A		GNS-20-01	2020	1	VIIK		1,576,000	L	G
Rockwell City	1376001		PD-CW-20-09	2020	1		P&D	0	D	
Mount Pleasant	4453001	S2015-0081	1920919 01	2019	4	I, II, IVB	324	4,020,000	R	
Columbus Junction	5815001	S2016-0171	1920913 01	2019	4	II	270	302,000	L	
WRA (Phase 2 clarifier improv)	7727001	S2019-0006	1920914 02	2019	4	I	180	19,286,675	R	
Spencer	2171004	S2014-0044	1920920 01	2019	4	I	149	2,975,000	L	
Sumner	0970001	S2019-0180	1920916 01	2019	4	IIIB, IVB	149	296,000	P	
Bayard	3907001	S2017-0231	1920909 01	2019	3	II	229	2,673,000	P	
Lake Mills	9545001	S2017-0385	1920894 01	2019	2	I, II	277	1,799,000	P	
Waterloo (NW Int Sewer)	0790001	S2017-0196	1920893 01	2019	2	IVB	175	5,771,000	P	
Ottumwa	9083001		PD-CW-19-29	2019	2		P&D	3,900,000	P	
Hartford	9128001	S2017-0245	1920877 01	2019	1	I, II	285	3,300,000	P	
Osceola	2038002	S2016-0112	1920878 01	2019	1	I, II	277	28,000,000	L	DAC
Osceola	2038002	S2016-0112	1920878 02	2019	1	I, II	277	15,000,000	R	DAC
Osceola	2038002	S2016-0112	1920878 03	2019	1	I, II	277	10,000,000	R	DAC
Waterloo (Sanitary Gatewell Repairs)	0790001	S2018-0100	1920884 01	2019	1	IIIB	185	4,202,000	L	
New Albin	0370001	S2013-0348	1920871 01	2018	4	II	264	4,014,000	L	DAC

Project Name	NPDES #	Project Number	CWSRF No.	IUP YR	QTR	Needs Categories	Priority Points	Current Requests	Project Status	Type
Waukon	0398001	S2017-0205A	1920875 R3	2018	4	II	264	750,000	L	
Ely	5728001	S2018-0133	1920865 01	2018	4	IVA, IVB	184	2,703,000	L	
Keokuk	5604001	S2018-0212	1920872 01	2018	4	V	167	14,171,000	P	
Zwingle	4998001		PD-CW-18-42	2018	4		P&D	125,000	P	
Slater	8580001	S2016-0070	1920820 01	2017	4	I, II	267	7,200,000	L	
Corydon	9334004	S2014-0043	1920815 01	2017	3	II	237	3,304,000	P	
Sioux City (Asset Renewal)	9778001	S2016-0389	1920813 R2	2017	2	I, II	217	13,255,398	R	
Waterloo (CIPP Phase III)	0790001	S2016-0285	1920811 03	2017	2	IIIA	185	1,036,000	L	
Waterloo (CIPP Phase III)	0790001	S2016-0285	1920811 S1	2017	2	IIIA	185	2,133,700	P	
Ames	8503001	S2013-0327	1920741 02	2016	4	IIIA	145	19,421,625	R	
Fort Atkinson	9641001	S2015-0087	1920770 G1	2016	3	I, II	290	760,000	L	
Fort Atkinson	9641001	S2015-0087	1920770 R1	2016	3	I, II	290	2,613,983	R	
Mapleton	6727001		PD-CW-16-30	2016	3		P&D	225,000	P	
Keokuk	5640001	S2015-0088	1920732 01	2015	4	IIIA	237	1,484,700	R	
La Porte City	0743001	S2009-0187	190620 01	2012	2	I, II	220	3,640,110	R	
							<b>Total:</b>	<b>927,574,668</b>		

### Non Point Source Project Set-Asides

Program	Needs Categories	Set-Aside Amount
Onsite Wastewater Assistance Fund (OSWAP)	VII-L	1,800,000
Local Water Protection Program (LWPP)	VII-A, K	5,000,000
Livestock Water Quality Facilities Program (LWQ)	VII-A, B	6,000,000
General Non-point Source Program (GNS)	VII-J, K, N	10,000,000
<b>Total:</b>		<b>22,800,000</b>

### Program Administration

Capitalization Grant 4%	PENDING	TAKEN	EXPENDED THRU 06/03/22	AVAILABLE 06/30/22
FY 2021		860,200	860,200	0
			<b>Total:</b>	<b>0</b>

### Needs Categories

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
VIA	Storm water gray infrastructure
VIB	Storm water green infrastructure
VII	Non-point source control projects subcategories:
	VII-A Agriculture (cropland sources)
	VII-B Agriculture (animal sources)
	VII-C Silviculture
	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
	VII-L Decentralized septic systems
	VII-M Other estuary management activities
	VII-N Land conservation

**CW Exhibit 2: Binding Commitments for the Fiscal Year ending June 30, 2022**

Project	Project Number	IUP Year	IUP Projected Loan Amount	Actual Loan Date	Actual Loan Amount	Loan Terms	
						Interest Rate	Maturity Date
Miles	CS1920966 01	2021	2,080,000	04/29/22	2,262,000	1.75%	06/2041
Morning Sun	PD-CW-21-69	2021	310,000	03/25/22	310,000	0.00%	
Oxford	PD-CW-21-22	2021	300,000	03/11/22	300,000	0.00%	
Peterson	CS1920998 R1	2021	1,294,000	09/24/21	434,000	1.75%	06/2041
Peterson	CS1920998 R2	2021		11/05/21	161,000	1.75%	06/2041
Peterson	CS1920998 S1	2021		04/22/22	70,000	1.75%	06/2041
Slater	CS1920981 01	2021	1,100,000	12/10/21	1,097,000	1.75%	06/2041
Stockport	CS1921006 01	2021	788,000	10/01/21	389,000	1.75%	06/2051
Walford	CS1920970 01	2021	1,081,000	07/30/21	941,000	1.75%	06/2041
Algona	PD-CW-22-61	2022	1,120,000	03/18/22	1,120,000	0.00%	
Alta	CS1921023 01	2022	1,301,000	06/17/22	1,704,000	1.75%	06/2042
Alta	PD-CW-22-19	2022	109,000	10/01/21	109,000	0.00%	
Aurelia	PD-CW-22-62	2022	48,000	04/08/22	48,000	0.00%	
Cherokee	PD-CW-22-44	2022	720,000	12/24/21	720,000	0.00%	
Clarence	PD-CW-22-37	2022	519,500	01/28/22	519,500	0.00%	
Clinton	PD-CW-22-20	2022	4,500,000	06/10/22	4,500,000	0.00%	
Crystal Lake	PD-CW-22-45	2022	135,000	12/24/21	135,000	0.00%	
Cumming	PD-CW-22-21	2022	325,000	10/29/21	325,000	0.00%	
Danbury	PD-CW-22-46	2022	257,000	12/24/21	257,000	0.00%	
Doon	PD-CW-22-48	2022	190,000	01/07/22	190,000	0.00%	
Dow City	PD-CW-22-49	2022	203,000	04/22/22	203,000	0.00%	
Dubuque	PD-CW-22-22	2022	290,000	09/24/21	290,000	0.00%	
Dubuque	PD-CW-22-38	2022	465,000	01/07/22	465,000	0.00%	
Dubuque	PD-CW-22-39	2022	400,000	01/07/22	400,000	0.00%	
Earlham	PD-CW-22-58	2022	410,000	04/08/22	410,000	0.00%	
Essex	PD-CW-22-50	2022	180,000	01/14/22	180,000	0.00%	
Farmington	PD-CW-22-35	2022	100,000	03/11/22	100,000	0.00%	
Forest City	PD-CW-22-51	2022	1,120,000	12/24/21	1,120,000	0.00%	
Fostoria	PD-CW-22-23	2022	271,000	09/24/21	271,000	0.00%	
Grandview	PD-CW-22-02	2022	294,000	07/09/21	294,000	0.00%	
Hospers	PD-CW-22-17	2022	50,000	08/06/21	50,000	0.00%	
Hubbard	CS1921010 01	2022	381,000	10/29/21	344,000	1.75%	06/2041
Humeston	PD-CW-22-10	2022	130,000	07/09/21	130,000	0.00%	
Johnston	GNS21-01	2022	525,000	05/20/22	699,000	1.75%	06/2042
Johnston	PD-CW-22-63	2022	460,000	04/22/22	460,000	0.00%	
Knoxville	CS1921011 01	2022	5,865,000	05/20/22	5,899,000	1.75%	06/2042
La Porte City	PD-CW-22-60	2022	165,160	03/18/22	165,160	0.00%	
Libertyville	PD-CW-22-36	2022	90,000	05/27/22	90,000	0.00%	
McGregor	PD-CW-22-25	2022	297,500	09/24/21	297,500	0.00%	
Milo	PD-CW-22-52	2022	502,000	03/25/22	502,000	0.00%	

Project	Project Number	IUP Year	IUP Projected Loan Amount	Actual Loan Date	Actual Loan Amount	Loan Terms	
						Interest Rate	Maturity Date
Mingo	PD-CW-22-05	2022	232,000	07/02/21	232,000	0.00%	
Modale	PD-CW-22-53	2022	291,755	01/28/22	291,755	0.00%	
Ricketts	PD-CW-22-54	2022	207,000	02/11/22	207,000	0.00%	
Rockwell City	CS1921028 01	2022	773,850	05/06/22	774,000	1.75%	06/2042
Shenandoah	PD-CW-22-26	2022	1,595,000	10/01/21	1,595,000	0.00%	
Sun Valley Sanitary District	PD-CW-22-59	2022	191,950	05/13/22	191,950	0.00%	
Treynor	PD-CW-22-27	2022	410,000	09/24/21	410,000	0.00%	
Waterloo (Hwy 63 So Int PS Upgrade)	CS1921030 01	2022	5,301,000	05/13/22	8,105,000	1.75%	06/2042
Webster City	PD-CW-22-55	2022	2,000,000	12/24/21	2,000,000	0.00%	
Winterset	PD-CW-22-28	2022	1,700,000	10/15/21	1,700,000	0.00%	
WRA (Birdland PS Improv)	CS1921031 01	2022	14,379,000	06/10/22	20,370,000	1.75%	06/2043
Ladora	PD-CW-23-04	2023		06/24/22	28,500	0.00%	
Sumner	PD-CW-23-02	2023		06/24/22	400,000	0.00%	

**TOTAL**

**236,198,542**

**277,649,365**

During fiscal year 2022, the release of \$3,984,470.56 in unused proceeds from completed construction projects and \$9,939,742.38 in P&D rollovers/repayments resulted in net municipal binding commitments of \$263,725,152.06.

**CW Exhibit 2A: Construction Starts Reported in Fiscal Year 2022**

Project	CWSRF Number	Construction Start Date
Waterloo - CIPP Phase III ( <i>third loan</i> )	CS1920811 03	03/21/17
Waukon ( <i>third loan</i> )	CS1920875 R3	02/18/19
Indianola	CS1920927 01	02/18/20
WRA Grit Removal ( <i>sponsored project</i> )	C0965-WRR	03/03/20
Johnston - Ridgecrest Circle bank stabilization	GNS20-01	03/09/20
Marshalltown ( <i>sponsored project</i> )	C1015R-WRR	08/10/20
Nevada ( <i>third loan</i> )	CS1920945 R3	10/21/20
Osceola	CS1920878 01	12/11/20
Storm Lake	CS1920960 01	01/12/21
Tiffin ( <i>sponsored project</i> )	C0905RT-WRR	02/11/21
Cushing	CS1920959 01	02/22/21
Waterloo - sanitary gateway repairs	CS1920884 01	03/02/21
Eagle Grove ( <i>sponsored project</i> )	C0867RT-WRR	03/25/21
Slater	CS1920981 01	04/12/21
Lake Park	CS1920971 01	04/13/21
West Union ( <i>sponsored project</i> )	C1069RT-WRR	04/15/21
Spencer	CS1920920 01	05/05/21
Center Point	CS1920947 01	05/11/21
Stockport	CS1921006 01	05/14/21
Underwood ( <i>sponsored project</i> )	C1094R-WRR	05/18/21
Grimes ( <i>sponsored project</i> )	C0777RT-WRR	05/26/21

Project	CWSRF Number	Construction Start Date
Elk Run Heights <i>(second loan)</i>	CS1920963 R1	06/03/21
Perry	CS1920954 01	06/08/21
Indianola <i>(sponsored project)</i>	C1068R-WRR	06/14/21
Coon Rapids Municipal Utilities	CS1920979 01	07/02/21
Janesville	CS1920948 01	07/15/21
Peterson	CS1920998 R1, R2, S1	07/21/21
Walford	CS1920970 01	07/28/21
Slater	CS1920820 01	08/09/21
Fort Dodge <i>(sponsored project)</i>	C0845RT-WRR	08/13/21
Melcher-Dallas	CS1920940 R1, G1	08/16/21
Johnston - DSM WRA <i>(sponsored project)</i>	C0824R-WRR	09/14/21
Johnston - DSM WRA <i>(sponsored project)</i>	C0825R-WRR	09/14/21
Johnston - DSM WRA <i>(sponsored project)</i>	C0826R-WRR	09/14/21
Johnston - DSM WRA <i>(sponsored project)</i>	C0989R-WRR	09/14/21
Casey	CS1920976 01	09/17/21
Hubbard	CS1921010 01	10/01/21
Correctionville	CS1920995 01	10/26/21
Ely	CS1920865 01	11/01/21
Centerville	CS1920978 01	11/04/21
Waterloo - Hwy 63 South interceptor upgrade	CS1921030 01	12/06/21
Hartley	CS1920994 01	12/31/21
McGregor	CS1920974 01	02/03/22
Grimes	CS1920975 01	02/11/22
Chariton	CS1920990 01	03/01/22
Jesup	CS1920997 01	03/02/22
Knoxville	CS1921011 01	03/07/22
Miles	CS1920966 01	03/09/22
Rockwell City	CS1921028 01	03/11/22
New Albin	CS1920871 01	03/18/22
Eldridge <i>(sponsored project)</i>	C0930R, C0956G-WRR	03/31/22
Fort Atkinson	CS1920770 G1	04/12/22
WRA - Birdland P.S. Improvements	CS1921031 01	04/13/22
Columbus Junction	CS1920913 01	04/18/22
Dysart	CS1920936 01	04/22/22
Alta	CS1921023 01	05/02/22

**CW Exhibit 2B: Initiation of Operations Reported in Fiscal Year 2022**

<b>Project</b>	<b>CWSRF Number</b>	<b>Initiation of Operation</b>
WRA Main Outfall Ph 17, Seg 1,3,4 <i>(supplemental)</i>	CS1920457 05	03/31/14
Algona	CS1920796 01	10/31/17
WRA Mud Creek Int Ph19 Seg 4 <i>(sponsored project)</i>	C0636R-WRR	12/15/17
Union	CS1920784 01	07/25/18
West Burlington	CS1920766 01	08/31/18
Waukee - Little Walnut Creek Trunk Sewer-Phase 3	CS1920861 01	10/31/18
Des Moines - Lower Oak & Highland Park	CS1920781 R1, R2	08/23/19
Truro	CS1920605 01, S1, S2	12/02/19
Lowden	CS1920862 01	07/28/20
Hawkeye	CS1920868 01	08/03/20
Coralville	CS1920767 01	09/28/20
Williamsburg	CS1920946 R1	11/10/20
Scranton	CS1920847 R1, G1	11/25/20
Underwood	CS1920917 01	12/04/20
Oskaloosa	CS1920845 03	12/07/20
Elkhart <i>(sponsored project)</i>	C0921G, C0961R-WRR	12/17/20
Templeton	CS1920967 01	12/18/20
Clinton	CS1920886 01	02/13/21
Dallas Center	CS1920905 R1, G1	03/15/21
Stanwood	CS1920783 01	05/05/21
Lake View <i>(sponsored project)</i>	CF0931R-WRR	05/21/21
Des Moines - Lower Oak & Highland Pk <i>(sponsored project)</i>	C0946R, C0947R-WRR	05/27/21
Pocahontas	CS1920855 01, 02, S1	06/11/21
Guttenberg	CS1920924 01	07/01/21
Greenfield <i>(sponsored project)</i>	C0870R, C0932G-WRR	07/02/21
Fort Madison <i>(sponsored Project)</i>	C0798R-WRR	07/13/21
Mount Vernon	CS1920853 01	07/14/21
Preston	CS1920910 01	07/15/21
Tipton	CS1920928 01	08/06/21
Nora Springs	CS1920857 R1, G1	08/10/21
Marshalltown	CS1920840 01	09/02/21
Marshalltown <i>(sponsored project)</i>	C1015R-WRR	09/02/21
Everly	CS1920906 01	09/20/21
Winterset	CS1920890 01	09/20/21
Underwood <i>(sponsored project)</i>	C1094R-WRR	09/22/21
Auburn	CS1920931 01	09/24/21
Dyersville <i>(sponsored project)</i>	C0741R-WRR	11/10/21
Saint Olaf	CS1920926 01	11/10/21
Melcher-Dallas	CS1920866 01	11/19/21
Wellsburg	CS1920923 01	12/08/21
Bloomfield	CS1920921 01	12/10/21

Project	CWSRF Number	Initiation of Operation
Grimes ( <i>sponsored project</i> )	C0777RT-WRR	01/11/22
Conrad	CS1920961 01	03/24/22
Clinton ( <i>sponsored project</i> )	C1013R-WRR	06/30/22

**CW Exhibit 2C: Environmental Reviews (ER) Reported in Fiscal Year 2022**

Project	CWSRF Number	Document Issue Date	Final Clearance/ Completion Date	CX/FNSI/RE
Jesup *	CS1920997 01	06/08/21	08/06/21	CX
Fort Dodge 10 <sup>th</sup> St (supplemental)	CS1920908 01	07/06/21	08/16/21	CX
Hartley	CS1920994 01	08/23/21	09/27/21	CX
Nashua	CS1921027 01	08/23/21	10/04/21	CX
Alta	CS1921023 01	08/25/21	09/27/21	CX
Moravia	CS1921026 01	08/27/21	10/04/21	CX
Knoxville	CS1921011 01	09/02/21	10/11/21	CX
Lytton	CS1921025 01	09/15/21	11/01/21	CX
Rockwell City	CS1921028 01	09/16/21	10/25/21	CX
Grandview	CS1921020 01	10/04/21	11/18/21	CX
Monona	CS1921045 01	10/27/21	01/24/22	CX
Victor	CS1921029 01	11/19/21	02/18/22	CX
Houghton	CS1921041 01	11/24/21	01/03/22	CX
Mount Ayr	CS1920984 01	12/20/21	03/22/22	CX
Stockport	CS1921047 01	12/28/21	03/31/22	CX
WRA Lining Phase 2	CS1920934 01	01/04/22	02/08/22	CX
Winfield	CS1921053 01	02/02/22	04/04/22	CX
Crystal Lake	CS1921052 01	02/08/22	03/28/22	CX
Fort Dodge (treatment plant)	CS1921018 01	03/07/22	04/13/22	CX
Marshalltown (Sewer)	CS1921044 01	03/15/22	04/21/22	CX
Armstrong	CS1921007 01	03/17/22	04/25/22	CX
Ames (High School Veenker Trunkline Rehab)	CS1920741 02	05/02/22	06/20/22	CX
Hospers	CS1921067 01	05/13/22	06/20/22	CX
WRA (Phosphorus Recovery Facility)	CS1921032 01	05/16/22	06/20/22	CX
Waverly *	CS1920892 01	06/14/21	07/14/21	FNSI
Centerville (Solar field) *	CS1920978 01	06/16/21	07/29/21	FNSI
Slater (treatment plant) *	CS1920820 01	06/17/21	07/19/21	FNSI
Savage Sanitary District *	CS1921004 01	06/22/21	07/23/21	FNSI
Miles *	CS1920966 01	06/24/21	07/26/21	FNSI
Ely	CS1920865 01	07/22/21	08/23/21	FNSI
New Albin	CS1920871 01	08/16/21	09/16/21	FNSI
Marengo	CS1921008 01	09/14/21	10/14/21	FNSI
Humeston	CS1921014 01	09/16/21	10/19/21	FNSI
Waterloo (Hwy 63 S Interceptor)	CS1921030 01	09/24/21	10/25/21	FNSI

Project	CWSRF Number	Document Issue Date	Final Clearance/ Completion Date	CX/FNSI/RE
West Branch	CS1920982 01	10/06/21	11/08/21	FNSI
Grimes	CS1920975 01	10/12/21	11/12/21	FNSI
Nevada (Lift Station)	CS1920945 01	10/26/21	11/29/21	FNSI
Humboldt	CS1921024 01	11/19/21	12/20/21	FNSI
Ackley	CS1920863 02	12/03/21	01/03/22	FNSI
Corydon	CS1920815 01	12/07/21	01/07/22	FNSI
Dougherty	CS1920993 01	01/18/22	02/18/22	FNSI
Sun Valley	CS1921048 01	02/03/22	03/07/22	FNSI
Jefferson	CS1921005 01	02/08/22	03/10/22	FNSI
Mount Pleasant--Treatment Plant	CS1920919 01	02/14/22	03/17/22	FNSI
WRA (Birdland Pump Station Improvements)	CS1921031 01	03/01/22	03/31/22	FNSI
Wheatland	CS1921022 01	03/16/22	04/18/22	FNSI
Nevada (Sewer)	CS1920945 01	04/20/22	05/23/22	FNSI
Montpelier	CS1921015 01	04/20/22	05/20/22	FNSI
Rickardsville	CS1920956 01	04/28/22	05/31/22	FNSI
Earlham	CS1921055 01	05/15/22	06/15/22	FNSI
WRA (Southern Tier Interceptor Phase 10, Seg 24)	CS1921033 01	05/24/22	06/24/22	FNSI
Mechanicsville (RE2) *	CS1920937 01	06/22/21	08/02/21	RE
Alta	CS1921023 01	10/04/21	11/08/21	RE
Dubuque - Bee Branch GNS Basin Gate/Pump Rplmt	GNS21-02	10/20/21	11/30/21	RE

CX = Categorical Exclusion

FNSI = Finding of No Significant Impact

RE = Reaffirmation

\*The ER document for this project was issued in another fiscal year, but finalized in SFY 2022

**CW Exhibit 3: Grant Payments with Respect to State Match Fiscal Year 2022**

Source of Funds	Part I Prior Years	Part II State Fiscal Year 2021				Part III Totals
		Quarter 1	Quarter 2	Quarter 3	Quarter 4	
FY 89 - 12 Grant Payments	427,287,459					427,287,459
FY 89 - 12 State Match	84,318,167					84,318,167
FY 09 ARRA Grant Payments	53,040,000					53,040,000
FY 13 Grant Payments	18,069,000					18,069,000
FY 13 State Match	3,613,800					3,613,800
FY 14 Grant Payments	18,976,000					18,976,000
FY 14 State Match	3,795,200					3,795,200
FY 15 Grant Payments	18,879,000					18,879,000
FY 15 State Match	3,775,800					3,775,800
FY 16 Grant Payments	18,083,000					18,083,000
FY 16 State Match	3,616,600					3,616,600
FY 17 Grant Payments	17,944,000					17,944,000
FY 17 State Match	3,588,800					3,588,800
FY 18 Grant Payments	21,723,000					21,723,000
FY 18 State Match	4,344,600					4,344,600
FY 19 Grant Payments	21,505,000					21,505,000
FY 19 State Match	4,301,000					4,301,000
FY 20 Grant Payments*	21,508,000					21,508,000
FY 20 State Match	4,301,600					4,301,600
FY 21 Grant Payments					21,505,000	21,505,000
FY 21 State Match	4,301,000					4,301,000
FY 22 Grant Payments						0
FY 22 State Match					3,132,000	3,132,000

\*2020 grant payments include \$25,000 retained by EPA Region 7 at grant award to fund SEE position at DNR's request

**CW Exhibit 4: Sources of funds, Cash Basis  
for years ended June 30, 2022 and June 30, 2021**

	2022 (\$)	2021 (\$)
Draws on Capitalization Grant Agreements		
Loan Disbursements	20,788,167	14,830,133
SRF Administration	716,833	651,767
Interest Received on Investments & Cash Equivalents	776,391	387,149
New Bond Proceeds Received	206,300,678	217,101,188
Cash Receipts for Fees	5,554,602	5,414,250
Loan Repayments		
Interest on Loans	30,949,394	30,680,942
Principal Repayments	94,405,580	98,564,354
Total Sources of Funds	<u>359,491,645</u>	<u>367,629,783</u>

**CW Exhibit 5: Statement of Net Position**  
**for years ended June 30, 2022 and June 30, 2021**  
**(Dollars in Thousands)**

	<b>2022</b>	<b>2021</b>
	<b>(\$)</b>	<b>(\$)</b>
<b>Assets</b>		
<b>Current assets</b> (substantially restricted):		
Cash and cash equivalents	396,570	370,456
Other investments	30,731	31,079
Loans to municipalities or water systems, net	107,271	100,992
Accrued interest receivable	3,097	2,739
Other current assets	172	338
Total current assets	537,841	505,604
<b>Noncurrent assets</b> (substantially restricted):		
Other investments	10,013	7,276
Loans to municipalities or water systems, net	1,705,047	1,580,551
Total noncurrent assets	1,715,060	1,587,827
Total assets	2,252,901	2,093,431
<b>Deferred Outflows of Resources</b>		
Other post employment benefits	7	6
Pension plan (Note 3)	48	69
Loss on bond refunding	3,924	5,233
Total deferred outflows of resources	3,979	5,308
<b>Liabilities</b>		
<b>Current liabilities:</b>		
Bonds payable, net (Notes 1 and 2)	46,455	44,820
Accrued interest payable	23,761	20,994
Accounts payable and other liabilities	1,200	682
Total current liabilities	71,416	66,496
<b>Noncurrent liabilities:</b>		
Bonds payable, net (Notes 1 and 2)	1,487,550	1,344,341
Other noncurrent liabilities	48	324
Total noncurrent liabilities	1,487,598	1,344,665
Total liabilities	1,559,014	1,411,161
<b>Deferred Inflows of Resources</b>		
Other post employment benefits	5	4
Pension plan (Note 3)	213	38
Total deferred inflows of resources	218	42
<b>Net Position</b>		
Restricted net position	697,648	687,536
Total net position	697,648	687,536

**CW Exhibit 6: Statement of Revenues, Expenses, and Changes in Net Position**  
**for years ended June 30, 2022 and June 30, 2021**  
**(Dollars in Thousands)**

	2022 (\$)	2021 (\$)
<b>Operating revenues:</b>		
Interest income	32,084	31,327
Net increase in fair value of investments	(799)	(170)
Fee income	5,546	5,409
<b>Total operating revenues</b>	<u>36,831</u>	<u>36,566</u>
<b>Operating expenses:</b>		
Interest on bonds	41,084	36,999
General and administrative	4,759	4,964
<b>Total operating expenses</b>	<u>45,843</u>	<u>41,963</u>
<b>Net operating income</b>	<u>(9,012)</u>	<u>(5,397)</u>
<b>Nonoperating revenue (expenses):</b>		
Grant income	21,380	15,198
Grants and aid	(2,256)	(1,725)
Inter-Agency transfers	0	0
<b>Net nonoperating revenues</b>	<u>19,124</u>	<u>13,473</u>
<b>Change in net position</b>	<u>10,112</u>	<u>8,076</u>
<b>Net position at June 30, 2020</b>	<u>687,536</u>	<u>679,460</u>
<b>Net position at June 30, 2021</b>	<u><u>697,648</u></u>	<u><u>687,536</u></u>

**CW Exhibit 7: Statement of Cash Flows**  
**for years ended June 30, 2022 and June 30, 2021**  
**(Dollars in Thousands)**

	2021 (\$)	2020 (\$)
<b>Cash flows from operating activities:</b>		
Cash receipts for fees and other income	5,555	5,414
Interest received on loans	30,949	30,681
Principal payments on loans	94,406	98,564
Purchase of loans	(225,450)	(250,704)
Cash payments for salaries and related benefits	(183)	(530)
Cash payments to suppliers	(3,983)	(4,415)
Net cash used in operating activities	(98,706)	(120,990)
<b>Cash flows from noncapital financing activities:</b>		
Proceeds from issuance of bonds	206,301	217,101
Repayment of bonds	(44,820)	(43,550)
Interest paid	(52,572)	(48,455)
Payments for cost of issuance	(1,071)	(987)
Receipts for grant programs	21,380	15,198
Payments for grant programs	0	0
Net cash provided by noncapital financing activities	129,218	139,307
<b>Cash flows from investing activities:</b>		
Purchase of investments	(45,657)	(29,860)
Interest received on investments	776	387
Sales/maturities of investments	42,469	24,600
Net cash provided by investing activities	(2,412)	(4,873)
Change in cash and cash equivalents	28,100	13,444
<b>Cash and cash equivalents, beginning of year</b>	74,651	361,207
<b>Cash and cash equivalents, end of year</b>	402,751	374,651
<b>Reconciliation of operating income to net cash provided by (used in) operating activities:</b>		
Operating Income	(9,012)	(5,397)
Interest on investments	(776)	(387)
Bond interest expense	40,013	36,012
Bond issuance costs	1,071	985
Change of FMV of investments	799	170
Change in Assets & Liabilities:		
Principal repayments loans	94,406	98,564
Purchase of loans	(225,450)	(250,704)
Interest receivable	(358)	(258)
Miscellaneous receivable	8	5
Other assets	158	247
Deferred outflows	(35)	4
Increase (decrease) in accounts payable and other liabilities	240	(197)
Deferred inflows	230	(34)
Net cash used in operating activities	(98,706)	(120,990)

Note 1: The outstanding State Match Bonds at June 30, 2022 and June 30, 2021 are as follows:

	<b>FY 2022</b>	<b>FY 2021</b>
CWSRF 2011 MTA	0	235,000
CWSRF 2013 MTA	750,000	1,095,000
CWSRF 2015 MTA	3,490,000	4,795,000
CWSRF 2016 MTA	0	760,000
CWSRF 2017 MTA	760,000	1,480,000
CWSRF 2019 MTA	4,060,000	5,965,000
CWSRF 2020 MTA	7,480,000	8,125,000
	<u>2,640,000</u>	<u>0</u>
	19,180,000	22,455,000

Note 2: Bond premiums and discounts are amortized as an adjustment to interest expense over the life of the related bond issues using the bonds outstanding method. Losses on bond refunding are recorded as deferred outflows of resources and are deferred and amortized as an adjustment to interest expense over the shorter of the remaining life of the refunded bonds or the new bonds using the bonds outstanding method. Bond issuance costs are expensed in the period incurred.

Note 3: For purposes of measuring the net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the Iowa Public Employees' Retirement System (IPERS) and additions to/deductions from IPERS' fiduciary net position have been determined on the same basis as they are reported by IPERS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms.

### CW Exhibit 8

	STATE FISCAL YEAR 2022					Total
	Prior Years	Quarter 1	Quarter 2	Quarter 3	Quarter 4	
Disbursement (\$1000)	2,666,740	66,037	61,561	38,158	66,892	2,899,388
Federal Cash Draw (\$1000)	636,988	20,996	509	0	0	658,493
State Share (\$1000)	2,029,752	45,041	61,052	38,158	66,892	2,240,895
Federal as % of Disbursement	23.9%	31.8%	0.8%	0.0%	0.0%	22.7%

The 2021 capitalization grant was awarded in July 2021 with a budget and project period beginning May 1, 2021. The state match for the 2021 and 2022 capitalization grants, provided by bond issues in February 2020 and May 2022, was expended first, therefore, federal project draws were made for 100% of eligible disbursements on selected loans.

**CW Exhibit 9**

	<b>PRIOR YEARS</b>	<b>2021 PYMT 1</b>
<b>CAPITALIZATION GRANT</b>	<b>583,97,459</b>	<b>21,505,000</b>
<b>STATE MATCH</b>	<u>116,794,892</u>	<u>4,301,000</u>
<b>TOTAL PROGRAM</b>	700,769,351	25,806,000
<b>PAYMENT DATE</b>		<b>05/01/21</b>
<b>COMMITMENT DATE</b>		<b>05/01/22</b>

<b>LOAN AGREEMENTS (excl ARRA &amp; non-municipal GNS funding):</b>	<b>PRIOR YEARS</b>	<b>2021 PYMT 1</b>
IUP - Prior Years	2,662,228,817	
17 - Algona		(104,374.22)
22 - Alta		1,704,000.00
21 - Casey		360,000.00
20 - Center Point		9,955,000.00
21 - Centerville		9,889,000.00
21 - Chariton		4,216,000.00
21- Clinton		3,839,000.00
19 - Columbus Junction		1,523,000.00
21 - Conrad		(99,466.48)
21 - Coon Rapids Municipal Utilities		2,076,000.00
11/16 - Coralville		3,450,000.00
21 - Correctionville		301,000.00
20 - Cushing		309,000.00
19 - Dallas Center		(110,030.83)
19 - De Witt		(116,011.64)
17/20 - Des Moines		22,247,000.00
20 - Dysart		5,462,000.00
18 - Eagle Grove		1,500,000.00
19 - Eldon		721,000.00
17 - Eldridge		775,000.00
21 - Elk Run Heights		4,820,000.00
18 - Ely		2,703,000.00
16 - Fort Atkinson		760,000.00
15 - Fort Dodge		675,000.00
15 - Fort Madison		(122,308.35)
17 - Greenfield		<b>423,724.64</b>
16/21 - Grimes		36,786,000.00
20 - Guttenberg		(12,440.13)
11 - Hampton		(77,976.25)
21 - Hartley		520,000.00
18 - Hawkeye		(238,288.92)
22 - Hubbard		344,000.00
20 - Indianola		18,051,000.00

20 - Janesville	1,000,000.00
21 - Jesup	9,238,000.00
16/21 - Johnston	3,264,000.00
22 - Knoxville	5,899,000.00
19 - Ladora	665,000.00
21 - Lake Park	6,600,000.00
17 - Lenox	(1,568.32)
20 - Lockridge	124,000.00
18 - Lowden	(104,551.14)
18 - Marshalltown	290,000.00
21 - McGregor	2,101,000.00
20 - Mechanicsville	3,744,000.00
19 - Mediapolis	(121,784.45)
18/20 Melcher-Dallas	2,927,440.29
21 - Miles	2,262,000.00
20 - Nevada	10,000,000.00
18 - New Albin	4,014,000.00
18 - Nora Springs	(213,081.66)
19 - Osceola	28,000,000.00
20 - Perry	29,900,000.00
21 - Peterson	665,000.00
21 - Pleasantville	1,311,000.00
18 - Pocahontas	382,679.74
19 - Preston	1,016,000.00
21 - Raymond	4,715,000.00
15 - Readlyn	(2,797.95)
20 - Rembrandt	(40,118.23)
22 - Rockwell City	774,000.00
20 - Saint Olaf	(23,806.50)
18 - Scranton	(114,439.00)
17 - Sioux City	1,800,000.00
17/21 - Slater	8,297,000.00
18 - Smithland	(141,223.37)
19 - Spencer	2,975,000.00
16 - Standwood	(42,47.87)
21 - Stockport	389,000.00
20 - Storm Lake	1,608,000.00
21 - Templeton	(53,807.90)
18 - Tiffin	486,000.00
20 - Tipton	(478,599.82)
11 - Truto	(73,794.77)
19 - Underwood	(97,457.62)
21 - Walford	941,000.00
17/22 - Wastewater Reclamation Authority	21,320,000.00

17/19/22 - Waterloo		13,286,240.06
18 - Waukee		(561,791.65)
18 - Waukon		1,750,000.00
19 - Waverly		13,300,000.00
20 - Wellsburg		(60,962.89)
16 - West Burlington		465,000.00
19 - West Union		650,000.00
20 - Williamsburg		11,098,000.00
19 - Winterset		(51,872.00)
17 - Winthrop		(358,207.31)
OSWAP link-deposit loans	1,800,000	
P&D Loans	54,791,801	13,897,622.62
<b>Total Loans</b>	<b>2,718,820,618</b>	<b>341,141,798.08</b>
<b>PGM-ADM</b>	23,298,657	860,200
<b>TOTAL COMMITMENTS</b>	<b>2,742,119,275</b>	<b>342,001,998</b>
<b>TOTAL CUMULATIVE COMMITMENTS</b>	2,742,119,275	3,084,121,273
<b>120% COMMITMENT REQUIRED</b>	700,769,351	726,575,351
<b>SHORTFALL/(EXCESS)</b>	(2,041,349,924)	(2,357,545,922)
<b>% COMMITMENT ACHIEVED</b>	<b>469.56151</b>	<b>509.36844</b>

# Drinking Water Exhibits

1-10

**DW Exhibit 1: SFY 2022 Intended Use Plan Project Priority List**

**P-Planning Stage, R-Ready for Loan, L-Loan Signed, D-Dropped, F-Loan Forgiveness, PH-Public Health, WEE-Water & Energy Eff**

Project Name	DWSRF No.	IUP YR	QTR	Project Type	Priority Points	Current Requests	Project Status	Type
Birmingham	FS-89-22-DWSRF-039	2022	4	A, B, C, E	140	603,000	P	
Hedrick	FS-14-22-DWSRF-030	2022	4	A, B, C, D, E, F	110	682,000	P	
Westfield	FS-14-22-DWSRF-031	2022	4	A, B, C, E	100	2,185,000	P	
Dedham	FS-14-22-DWSRF-032	2022	4	A, B, C, D, E, F	60	1,000,000	P	
Orange City	FS-84-22-DWSRF-037	2022	4	B, D, E	50	15,821,000	P	
Protivin	FS-45-22-DWSRF-029	2022	4	B, D, E	50	304,000	P	
Casey	FS-39-22-DWSRF-034	2022	4	A, B, C, D, E, F	40	305,420	P	
Rockford	FS-34-22-DWSRF-027	2022	4	B, C, E	40	510,000	P	
Wahpeton	FS-30-22-DWSRF-031	2022	4	A, B, C, D, E, F	40	7,850,000	P	
West Central Iowa RWA	FS-14-22-DWSRF-036	2022	4	A, B, C, D, E, F	30	12,600,000	P	
Burt	FS-55-22-DWSRF-033	2022	4	B, E	25	396,000	P	
Pocahontas	FS-76-22-DWSRF-038	2022	4	B, E	25	2,825,000	P	
Ankeny	FS-77-22-DWSRF-030	2022	4	B	20	4,809,000	P	
Ankeny	PD-DW-22-57	2022	4	G	P&D	174,600	P	
Aurelia	PD-DW-22-58	2022	4	G	P&D	67,000	L	
Manson	FS-13-22-DWSRF-023	2022	3	B, E	45	7,068,000	P	
Dubuque	FS-31-22-DWSRF-025	2022	3	B	35	15,565,000	P	
Grundy Center	FS-38-22-DWSRF-024	2022	3	B, E	30	1,500,000	P	
Monroe	FS-50-22-DWSRF-022	2022	3	B, E	30	555,000	L	
Central City	PD-DW-22-41	2022	3	G	P&D	135,000	L	
Dubuque	PD-DW-22-43	2022	3	G	P&D	1,570,000	L	
Lenox Municipal Utilities	PD-DW-22-56	2022	3	G	P&D	121,070	L	
Springville	PD-DW-22-42	2022	3	G	P&D	135,000	L	
Volga	PD-DW-22-40	2022	3	G	P&D	127,500	L	
Plover	FS-76-22-DWSRF-017	2022	2	A, B, E	95	108,000	P	
State Center	FS-64-22-DWSRF-018	2022	2	A, E	55	1,933,000	P	
Titonka	FS-55-22-DWSRF-019	2022	2	B, C, E	55	539,000	P	

Project Name	DWSRF No.	IUP YR	QTR	Project Type	Priority Points	Current Requests	Project Status	Type
Washta	FS-18-22-DWSRF-021	2022	2	B, C, E	55	532,000	P	
Guttenberg	FS-22-22-DWSRF-013	2022	2	B, C,E	40	765,000	P	
Charles City	FS-34-22-DWSRF-010	2022	2	B, C, E	35	3,965,000	P	
Denison Municipal Utilities	FS-24-22-DWSRF-011	2022	2	B, E	30	4,908,239	P	
Dyersville	FS-31-22-DWSRF-012	2022	2	B, E	30	4,880,000	P	
Lake Creek	FS-11-22-DWSRF-014	2022	2	B, E	30	604,000	P	
Mitchellville	FS-77-22-DWSRF-015	2022	2	B, E	30	2,230,000	P	
Nashua	FS-19-22-DWSRF-016	2022	2	B, E	30	259,000	P	
Pleasantville	FS-62-22-DWSRF-020	2022	2	B, E	30	1,674,000	P	
Casey	PD-DW-22-29	2022	2	G	P&D	57,000	L	
Charles City	PD-DW-22-34	2022	2	G	P&D	362,000	L	
Hedrick	PD-DW-22-30	2022	2	G	P&D	138,500	L	
Hospers	PD-DW-22-18	2022	2	G	P&D	32,000	L	
Mondamin	PD-DW-22-31	2022	2	G	P&D	39,527	L	
Pleasantville	PD-DW-22-32	2022	2	G	P&D	140,000	L	
Wahpeton	PD-DW-22-33	2022	2	G	P&D	1,750,000	L	
Lanesboro	FS-14-21-DWSRF-008	2022	1	A, C, E	70	3,557,000	P	
Knoxville	FS-63-22-DWSRF-001	2022	1	A, E	50	634,000	P	
Ida Grove	FS-47-22-DWSRF-002	2022	1	B, E	45	2,371,000	L	
Lost Nation	FS-23-22-DWSRF-003	2022	1	B, E	45	439,000	P	
Renwick	FS-46-22-DWSRF-004	2022	1	B, C, E	40	552,000	P	
Volga	FS-22-22-DWSRF-005	2022	1	B, C, E	40	622,000	P	
Fontanelle	FS-01-22-DWSRF-006	2022	1	B, C, E	35	1,499,000	P	
West Des Moines	FS-77-22-DWSRF-007	2022	1	B	35	7,487,000	P	
Ankeny	PD-DW-22-12	2022	1	G	P&D	355,000	L	
Harlan Municipal Utilities	PD-DW-22-13	2022	1	G	P&D	430,000	L	2022
Lanesboro	PD-DW-22-14	2022	1	G	P&D	325,000	L	2022
Titonka	PD-DW-22-16	2022	1	G	P&D	200,000	P	
Westfield	PD-DW-22-15	2022	1	G	P&D	244,000	L	
Fort Atkinson	FS-96-21-DWSRF-023	2021	4	B, C, E	55	324,000	P	
Guthrie Center Municipal Utilities	FS-99-21-DWSRF-022	2021	4	B, C, E	40	1,454,000	P	

Project Name	DWSRF No.	IUP YR	QTR	Project Type	Priority Points	Current Requests	Project Status	Type
Clarion	FS-99-21-DWSRF-021	2021	4	B, C, E	35	8,475,000	P	
Independence	FS-10-21-DWSRF-020	2021	4	B, E	30	0	D	
Inwood	FS-60-21-DWSRF-024	2021	4	B, E	30	752,878	P	
Elkhart	PD-DW-21-47	2021	4	G	P&D	110,000	L	
Essex	PD-DW-21-53	2021	4	G	P&D	30,000	P	
Neola	PD-DW-21-56	2021	4	G	P&D	371,094	P	
Anamosa	FS-52-21-DWSRF-019	2021	3	B, E	45	3,189,000	L	
Elkhart	FS-77-21-DWSRF-018	2021	3	B, E	45	376,000	L	
Elkhart	FS-77-21-DWSRF-018(2)	2021	3	B, E	45	1,282,250	R	
Huxley	FS-85-21-DWSRF-013	2021	3	B, E	45	0	D	
Ventura	FS-17-21-DWSRF-016	2021	3	A, B, E	45	1,875,000	L	
Thornton	FS-17-21-DWSRF-015	2021	3	B, C, E	40	807,000	L	
Tama	FS-82-21-DWSRF-014	2021	3	B, E	25	1,373,000	P	
Thor	FS-46-21-DWSRF-012	2021	3	B, E	25	408,000	P	
Glidden	PD-DW-21-38	2021	3	G	P&D	150,000	P	
Lisbon	FS-57-21-DWSRF-011	2021	2	B, C, E	55	5,972,000	P	
Dyersville	FS-31-21-DWSRF-007	2021	2	B, C, E	40	415,000	P	
Ames	FS-85-21-DWSRF-009	2021	2	B	35	6,108,000	P	
Creston Water Works	FS-88-21-DWSRF-006	2021	2	B, C, E	35	1,536,000	L	
Ames	FS-85-21-DWSRF-010	2021	2	B	15	4,380,000	P	
Britt	FS-41-21-DWSRF-003	2021	1	A, E	60	1,290,000	L	
Britt	FS-41-21-DWSRF-003(2)	2021	1	A, E	60	5,031,450	R	
Atkins	FS-06-21-DWSRF-001	2021	1	B, C, E	40	4,398,000	P	
Waukee	FS-25-21-DWSRF-004	2021	1	B	35	3,567,750	R	
Sioux City	FS-97-21-DWSRF-002	2021	1	B	20	2,626,000	R	
Dayton	FS-94-20-DWSRF-031	2020	4	B, C, E	55	685,000	P	
Early	FS-81-20-DWSRF-025	2020	4	B, C, E	55	3,921,000	L	DAC
Melvin	FS-72-20-DWSRF-033	2020	4	B, C, E	55	422,100	P	
Westgate	FS-33-20-DWSRF-024	2020	4	B, E	45	2,703,000	P	
Cedar Rapids	FS-57-20-DWSRF-022	2020	4	B	35	21,619,000	L	
Carlisle	FS-91-20-DWSRF-032	2020	4	B, E	30	728,000	L	

Project Name	DWSRF No.	IUP YR	QTR	Project Type	Priority Points	Current Requests	Project Status	Type
Prairie City	FS-50-20-DWSRF-034	2020	4	B, E	30	1,250,000	L	
Dunkerton	FS-07-20-DWSRF-035	2020	4	B, E	25	1,536,000	L	
MacBride Pt Third Master Maint Assoc	FS-52-20-DWSRF-019	2020	3	A, E	60	178,000	P	75% - PH
Eagle Grove	FS-99-20-DWSRF-018	2020	3	B, C, E	40	503,000	R	
Jamaica	FS-39-20-DWSRF-017	2020	3	B, C, E	35	2,769,420	P	
Dunlap	FS-43-20-DWSRF-016	2020	3	B, E	30	444,000	P	
Garwin	FS-86-20-DWSRF-008	2020	2	B, C, E	55	600,000	L	
Iowa-American Water - Davenport	FS-82-20-DWSRF-007	2020	2	A	45	8,829,000	R	
Park View Water & Sanitary District	FS-82-20-DWSRF-006(2)	2020	2	B, E	45	839,000	R	
Rock Valley	FS-84-20-DWSRF-010	2020	2	B, E	45	2,009,000	P	
Somers	FS-13-19-DWSRF-028	2019	4	B, C, E	35	179,000	R	
Sioux City (airport water main)	FS-97-19-DWSRF-019	2019	3	A, B	35	3,996,000	L	
Osceola Rural Water Syst-North	FS-72-19-DWSRF-012	2019	2	B, E	40	930,000	L	
Osceola Rural Water Syst-North	FS-72-19-DWSRF-012(2)	2019	2	B, E	40	7,411,000	R	
Bellevue	PD-DW-19-15	2019	2	G	P&D	285,000	P	
Iowa Lakes Regional Water	FS-21-18-DWSRF-019	2018	4	B	15	260,000	P	
Vail	PD-DW-18-30	2018	3	G	P&D	50,000	P	
Cleghorn	FS-18-18-DWSRF-006(2)	2018	2	B, E	45	467,000	R	
Rathbun Regional Water (RRWA)	FS-04-17-DWSRF-010	2017	2	C, D	15	2,902,945	R	30% - WEE
West Des Moines Water Works	FS-77-16-DWSRF-022(2)	2016	4	B	35	0	D	
Farmington	FS-89-16-DWSRF-006(2)	2016	2	B, C, E	40	117,000	R	
Ruthven	FS-74-15-DWSRF-006	2015	2	B, C, E	55	1,435,000	P	
				Total		243,909,743		

Key to Project Types

- 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

**DWSRF Program Set-Asides**

**Program Administration**

<b>GRANT YEAR</b>	<b>4% SET-ASIDE</b>	<b>RESERVED</b>	<b>TAKEN</b>	<b>EXPENDED 06/30/22</b>	<b>AVAILABLE 06/30/22</b>
2019	697,280	0	697,280	697,280	0
2020	697,720	0	697,720	433,712	264,008
2021	697,080	687,080	0	0	0
		687,080	1,395,000	1,130,992	264,008

**Technical Assistance to Small Systems**

<b>GRANT YEAR</b>	<b>2% SET-ASIDE</b>	<b>RESERVED</b>	<b>TAKEN</b>	<b>EXPENDED 06/30/22</b>	<b>AVAILABLE 06/30/22</b>
2017	246,520	0	246,520	246,520	0
2018	351,940	48,460	303,480	303,480	0
2019	348,640	348,640	0	0	0
2020	348,860	348,860	0	0	0
2021	348,540	348,540	0	0	0
		1,094,500	550,000	550,000	0

**State Program Management**

<b>GRANT YEAR</b>	<b>10% SET-ASIDE</b>	<b>RESERVED</b>	<b>TAKEN</b>	<b>EXPENDED 06/30/22</b>	<b>AVAILABLE 06/30/22</b>
2013	1,437,500	0	1,437,500	1,437,500	0
2014	1,322,900	0	1,322,900	1,322,900	0
2015	1,314,200	0	1,314,200	239,416	1,074,784
2016	1,243,200	1,141,083	102,117	0	102,117
2017	1,232,600	1,232,600	0	0	0
2018	1,759,700	1,560,587	199,113	199,113	0
2019	1,743,200	1,659,810	83,390	83,390	0
2020	1,744,300	1,679,517	64,783	64,783	0
2021	1,742,700	1,742,700	0	0	0
		9,016,297	4,524,003	3,347,102	1,176,901

**Local Assistance and Other Authorized Activities**

<b>GRANT YEAR</b>	<b>15% SET-ASIDE</b>		<b>TAKEN</b>	<b>EXPENDED 06/30/22</b>	<b>AVAILABLE 06/30/22</b>
2019	2,614,800		1,743,200	1,647,493	95,707
2020	2,616,450		250,000	250,000	0
2021	2,614,050		565,000	136,892	428,108
			2,558,200	2,034,385	523,815

**Total: 1,964,724**

**DW Exhibit 2: Binding Commitments for the Fiscal Year ending June 20, 2022**

Project	Project Number	IUP Year	IUP Projected Loan Amount	Actual Loan Date	Actual Loan Amount	Loan Terms	
						Interest Rate	Maturity Date
Osceola County Rural Water System	FS-72-19-DWSRF-012	2019	930,000	05/06/22	930,000	1.75%	06/2041
Sioux City (airport water main)	FS-19-19-DWSRF-019	2019	3,098,000	08/06/21	3,996,000	1.75%	06/2041
Carlisle	FS-91-20-DWSRF-032	2020	3,400,000	05/27/22	728,000	1.75%	
Cedar Rapids	FS-57-20-DWSRF-022	2020	18,400,000	01/14/22	21,619,000	1.75%	06/2042
Dunkerton	FS-07-20-DWSRF-035	2020	1,142,000	07/23/21	1,536,000	1.75%	06/2041
Early	FS-81-20-DWSRF-025	2020	2,450,000	09/03/21	3,921,000	1.75%	06/2051
Garwin	FS-86-20-DWSRF-008	2020	800,000	07/23/21	600,000	1.75%	06/2041
Prairie City	FS-50-20-DWSRF-034	2020	804,000	08/06/21	1,250,000	1.75%	06/2041
Anamosa	FS-53-21-DWSRF-019	2021	3,232,000	01/14/22	3,189,000	1.75%	06/2042
Britt	FS-41-21-DWSRF-003	2021	1,290,000	10/01/21	1,290,000	1.75%	06/2041
Creston Water Works	FS-88-21-DWSRF-006	2021	1,536,000	02/25/22	2,702,000	1.75%	06/2042
Elkhart	FS-77-21-DWSRF-018	2021	376,000	12/03/21	376,000	1.75%	06/2041
Elkhart	PD-DW-21-47	2021	110,000	07/02/21	110,000	0.00%	
Thornton	FS-17-21-DWSRF-015	2021	827,500	11/05/21	807,000	1.75%	06/2042
Ventura	FS-17-21-DWSRF-016	2021	2,613,000	09/10/21	1,875,000	1.75%	06/2042
Ankeny	PD-DW-22-12	2022	355,000	08/06/21	355,000	0.00%	
Aurelia	PD-DW-22-58	2022	67,000	04/08/22	67,000	0.00%	
Casey	PD-DW-22-29	2022	57,000	09/24/21	57,000	0.00%	
Central City	PD-DW-22-34	2022	135,000	12/24/21	135,000	0.00%	
Charles City	PD-DW-22-34	2022	362,000	10/08/21	362,000	0.00%	
Dubuque	PD-DW-22-43	2022	1,570,000	01/07/22	1,570,000	0.00%	
Hedrick	PD-DW-22-30	2022	138,500	10/01/21	138,500	0.00%	
Hospers	PD-DW-22-18	2022	32,000	08/06/21	32,000	0.00%	
Ida Grove	FS-47-22-DWSRF-002	2022	2,371,000	03/11/22	2,358,000	1.75%	06/2042
Lenox Municipal Utilities	PD-DW-22-56	2022	121,070	12/24/21	121,070	0.00%	
Mondamin	PD-DW-22-31	2022	108,827	10/08/21	39,527	0.00%	
Monroe	FS-50-22-DWSRF-022	2022	750,735	06/03/22	555,000	1.75%	06/2042
Pleasantville	PD-DW-22-32	2022	140,000	11/05/21	140,000	0.00%	
Springville	PD-DW-22-42	2022	135,000	12/24/21	135,000	0.00%	

Project	Project Number	IUP Year	IUP Projected Loan Amount	Actual Loan Date	Actual Loan Amount	Loan Terms	
						Interest Rate	Maturity Date
Volga	PD-DW-22-40	2022	127,500	12/17/21	127,500	0.00%	
Wahpeton	PD-DW-22-33	2022	1,750,000	10/01/21	1,750,000	0.00%	
Westfield	PD-DW-22-15	2022	244,000	07/09/21	244,000	0.00%	
Sumner	PD-DW-23-03	2023		06/24/22	90,000	0.00%	
Yale	PD-DW-23-10	2023		06/24/22	70,700	0.00%	
<b>TOTAL</b>			<b>49,473,132</b>		<b>53,276,297</b>		

During fiscal year 2022, the release of \$4,959,418.78 in unused proceeds from completed construction projects and \$2,733,278.54 P&D rollovers/repayments resulted in net binding commitments of \$45,583,599.68

**DW Exhibit 2A: Construction Starts Reported**

<b>Project</b>	<b>DWSRF Number</b>	<b>Construction Start Date</b>
Plainfield	FS-09-20-DWSRF-030	04/02/20
Iowa-American Water Co (Davenport)	FS-82-20-DWSRF-007	05/29/20
Sioux City - airport water main replacement	FS-97-19-DWSRF-019	04/12/21
Britt	FS-41-21-DWSRF-003	04/15/21
Ventura	FS-17-21-DWSRF-016	04/26/21
Dunkerton	FS-07-20-DWSRF-035	05/10/21
Garwin	FS-86-20-DWSRF-008	05/26/21
Thornton	FS-17-21-DWSRF-015	07/06/21
Early	FS-81-20-DWSRF-025	07/07/21
Prairie City	FS-50-20-DWSRF-034	07/14/21
Osceola County Rural Water System	FS-72-19-DWSRF-012	08/12/21
Anamosa	FS-53-21-DWSRF-019	09/13/21
Cedar Rapids	FS-57-20-DWSRF-022	10/04/21
Carlisle	FS-91-20-DWSRF-032	11/08/21
Elkhart	FS-77-21-DWSRF-018	11/16/21
Ida Grove	FS-47-22-DWSRF-002	01/18/22
Creston Water Works	FS-88-21-DWSRF-006	02/08/22
Monroe	FS-50-22-DWSRF-022	03/24/22

**DW Exhibit 2B: Initiation of Operations Reported in Fiscal Year 2022**

<b>Project</b>	<b>CWSRF Number</b>	<b>Initiation of Operation</b>
Sergeant Bluff	FS-97-18-DWSRF-009(2)	06/04/20
Cleghorn	FS-18-18-DWSRF-006	06/08/20
Bernard	FS-31-19-DWSRF-015	10/22/20
New Vienna	FS-31-20-DWSRF-021	11/10/20
Grafton	FS-98-19-DWSRF-022	11/12/20
Council Bluffs Water Works	FS-78-18-DWSRF-015	12/22/20
Anthon	FS-97-19-DWSRF-001	01/11/21
Sergeant Bluff	FS-97-18-DWSRF-009(1)	03/23/21
Sanborn	FS-71-19-DWSRF-027(1),(2)	04/30/21
Gilbert	FS-85-18-DWSRF-021(1),(2)	05/12/21
Worthington	FS-31-20-DWSRF-020	05/20/21
Johnston	FS-77-19-DWSRF-002	06/03/21
Lake Panorama Association	FS-39-18-DWSRF-018	06/07/21
Farmington	FS-89-16-DWSRF-006	07/16/21
Pleasantville	FS-63-19-DWSRF-010	07/16/21
Bagley	FS-39-20-DWSRF-013	07/28/21
Plainfield	FS-09-20-DWSRF-030	07/29/21
Sigourney	FS-54-19-DWSRF-029	10/29/21
Colfax	FS-50-19-DWSRF-013	12/09/21
Stacyville	FS-66-19-DWSRF-016	12/13/21
Thompson	FS-95-19-DWSRF-018	02/15/22

**DW Exhibit 2C: Environmental Reviews (ER) Reported in Fiscal Year 2022**

Project	CWSRF Number	Document Issue Date	Final Clearance/ Completion Date	CX/FNSI/RE
Nashua	FS-19-22-016	08/23/21	10/04/21	CX
Tama	FS-86-21-014	08/23/21	10/04/21	CX
Mitchellville	FS-77-22-015	08/27/21	10/06/21	CX
Fontanelle	FS-01-22-006	09/14/21	10/25/21	CX
Grundy Center	FS-38-22-024	10/21/21	12/06/21	CX
State Center	FS-64-22-018	10/27/21	12/06/21	CX
Thor	FS-46-21-012	11/09/21	01/12/22	CX
Lisbon	FS-57-21-011	11/10/21	01/10/22	CX
Monroe	FS-50-22-022	11/29/21	01/10/22	CX
Casey	FS-39-22-034	03/14/22	05/16/22	CX
Grundy Center - Project area No. 6	FS-38-22-024	04/29/22	06/06/22	CX
Osceola County RWS (Lake Area) *	FS-72-19-012	06/30/21	08/02/21	FNSI
Osceola County RWS (South Phase) *	FS-72-19-012	06/30/21	08/02/21	FNSI
Fort Atkinson*	FS-96-21-023	06/30/21	08/02/21	FNSI
Ida Grove	FS-47-22-002	08/06/21	09/07/21	FNSI
Renwick	FS-46-22-004	08/24/21	09/24/21	FNSI
Elkhart (water line)	FS-77-21-018	09/02/21	10/04/21	FNSI
Lost Nation	FS-23-22-003	09/23/21	10/25/21	FNSI
Titonka	FS-55-22-019	10/28/21	11/29/21	FNSI
Lake Creek HOA	FS-11-22-014	11/01/21	12/02/21	FNSI
Ames (Well Field Pipeline Rehab)	FS-85-21-009	11/03/21	12/03/21	FNSI
Britt (WTP and MOA for water tower)	FS-41-21-003	11/10/21	12/13/21	FNSI
Jamaica	FS-39-20-017	11/30/21	12/30/21	FNSI
Charles City	FS-34-22-010	12/16/21	01/18/22	FNSI
Pleasantville	FS-63-22-020	12/17/21	01/18/22	FNSI
Carlisle	FS-91-20-032	01/14/22	02/14/22	FNSI
Lanesboro (ER 1water line)	FS-14-22-008	02/07/22	03/10/22	FNSI
Ruthven	FS-74-15-006	05/02/22	06/02/22	FNSI
De Soto Gate Addition	FS-25-14-011	08/10/21	10/12/21	RE
Bagley (additional)	FS-39-20-013	09/30/21	11/15/21	RE
Albion	FS-64-20-002	03/02/22	04/07/22	RE

CX = Categorical Exclusion

FNSI = Finding of No Significant Impact

RE = Reaffirmation

\*The ER document for this project was issued in another fiscal year, but finalized in SFY 2022.

**DW Exhibit 3: Grant Payments with Respect to State Match Fiscal Year 2022**

Source of Funds	Part I Prior Years	Part II State Fiscal Year 2021				Part III Totals
		Quarter 1	Quarter 2	Quarter 3	Quarter 4	
FY 97 - 10 Grant Payments	204,394,100					204,394,100
FY 97 - 10 State Match	42,778,620					42,778,620
FY 09 ARRA Grant Payments	24,293,000					24,293,000
FY 11 Grant Payments						0
FY 11 State Match						0
FY 12 Grant Payments	15,322,000					15,322,000
FY 12 State Match	3,064,400					3,064,400
FY 13 Grant Payments	14,375,000					14,375,000
FY 13 State Match	2,875,000					2,875,000
FY 14 Grant Payments	13,229,000					13,229,000
FY 14 State Match	2,645,800					2,645,800
FY 15 Grant Payments	13,142,000					13,142,000
FY 15 State Match	2,628,400					2,628,400
FY 16 Grant Payments*	12,432,000					12,432,000
FY 16 State Match	2,486,400					2,486,400
FY 17 Grant Payments	12,326,000					12,326,000
FY 17 State Match	2,465,200					2,465,200
FY 18 Grant Payments**	17,597,000					17,597,000
FY 18 State Match	3,519,400					3,519,400
FY 19 Grant Payments***	17,432,000					17,432,000
FY 19 State Match	3,486,400					3,486,400
FY 20 Grant Payments****	17,443,000					17,443,000
FY 20 State Match	3,488,600					3,488,600
FY 21 Grant Payments			17,427,000			17,427,000
FY 21 State Match	3,485,400					3,485,400

\*2016 grant payments include \$50,000 retained by EPA Region 7 at grant award to fund SEE position at DNR's request

\*\*2018 grant payments include \$50,000 retained by EPA Region 7 at grant award to fund SEE position at DNR's request and \$199,113 for contract training provided by PAI

\*\*\*2019 grant payments include \$83,390 retained by EPA Region 7 for contract training provided by PAI

\*\*\*\*2020 grant payments include \$64,783 retained by EPA Region 7 for contract training provided by PAI

**DW Exhibit 4: Sources of funds, Cash Basis  
for years ended June 30, 2022 and June 30, 2021**

	<b>2022</b>	<b>2021</b>
	<b>(\$)</b>	<b>(\$)</b>
Draws on Capitalization Grant Agreements		
Loan Disbursements	13,672,800	15,503,000
DWSRF Administration	1,074,630	1,062,877
Technical Assistance to Small Systems	467,077	316,298
Local Assistance and Other Authorized Activities	1,290,256	1,227,770
State Program Management	1,784,458	1,616,544
Interest Received on Investments & Cash Equivalents	523,070	391,311
New Bond Proceeds Received	34,075,051	61,708,519
Contribution from State FY 2021 (Note 3)		
Water Quality Protection Fund	500,000	588,654
Cash Receipts for Fees	1,572,262	1,500,913
Loan Repayments		
Interest on Loans	9,434,966	9,892,759
Principal Repayments	44,238,923	51,468,870
<b>Total Sources of Funds</b>	<b>108,633,493</b>	<b>145,277,515</b>

**DW Exhibit 5: Statement of Net Position**  
**for years ended June 30, 2022 and June 30, 2021**  
**(Dollars in Thousands)**

	<b>2022</b>	<b>2021</b>
	<b>(\$)</b>	<b>(\$)</b>
<b>Assets</b>		
<b>Current assets (substantially restricted):</b>		
Cash and cash equivalents	201,230	185,395
Other Investments	19,004	9,425
Loans to municipalities or water systems, net	44,936	43,112
Accrued interest receivable	1,073	919
Other current assets	507	625
Total current assets	266,570	239,476
<b>Noncurrent assets (substantially restricted):</b>		
Other Investments	8,646	10,373
Loans to municipalities or water systems, net	479,578	480,154
Total noncurrent assets	488,224	490,527
Total assets	754,974	730,003
<b>Deferred Outflows of Resources</b>		
Pension plan (Note 4)	8	31
Loss on bond refunding	1,632	2,315
Total deferred outflows of resources	1,660	2,346
<b>Liabilities</b>		
<b>Current liabilities:</b>		
Bonds payable, net (Notes 1 and 2)	19,885	17,940
Accrued interest payable	6,490	5,992
Accounts payable and other liabilities	286	559
Total current liabilities	26,661	24,491
<b>Noncurrent liabilities:</b>		
Bonds payable, net (Notes 1 and 2)	384,166	375,650
Other noncurrent liabilities	3	132
Total noncurrent liabilities	384,169	375,782
Total liabilities	410,830	400,273
<b>Deferred Inflows of Resources</b>		
Pension plan (Note 4)	124	17
Total deferred inflows of resources	124	17
<b>Net Position</b>		
Restricted net position	345,680	332,059
Total net position	345,680	332,059

**DW Exhibit 6: Statement of Revenues, Expenses, and Changes in Net Position**  
**for years ended June 30, 2022 and June 30, 2021**  
**(Dollars in Thousands)**

	2022 (\$)	2021 (\$)
<b>Operating revenues:</b>		
Interest income	10,112	10,282
Net increase in fair value of investments	(812)	(181)
Fee income	1,567	1,474
<b>Total operating revenues</b>	<u>10,867</u>	<u>11,575</u>
<b>Operating expenses:</b>		
Interest on bonds	10,527	10,126
General and administrative	4,216	4,123
Provisions (recoveries) of losses	(25)	(25)
<b>Total operating expenses</b>	<u>14,718</u>	<u>14,224</u>
<b>Net operating loss</b>	<u>(3,851)</u>	<u>(2,649)</u>
<b>Nonoperating revenues (expenses):</b>		
Grant income	18,211	19,849
Grants and aid	(739)	(1,371)
Inter-Agency transfers	0	0
<b>Net nonoperating revenues</b>	<u>17,472</u>	<u>18,478</u>
<b>Change in net position</b>	<u>13,621</u>	<u>15,829</u>
<b>Net position at June 30, 2020</b>	<u>332,059</u>	<u>316,230</u>
<b>Net position at June 30, 2021</b>	<u><u>345,680</u></u>	<u><u>332,059</u></u>

**DW Exhibit 7: Statement of Cash Flows**  
**for years ended June 30, 2022 and June 30, 2021**  
**(Dollars in Thousands)**

	2021 (\$)	2020 (\$)
<b>Cash flows from operating activities:</b>		
Cash receipts for fees and other income	1,572	1,501
Interest received on loans	9,435	9,893
Principal payments on loans	44,239	51,469
Purchase of loans	(45,688)	(80,897)
Cash payments for salaries and related benefits	(141)	(224)
Cash payments to suppliers	(4,522)	(4,431)
Net cash provided by (used in) operating activities	4,895	(22,689)
<b>Cash flows from noncapital financing activities:</b>		
Proceeds from issuance of bonds	34,075	61,709
Repayment of bonds	(17,940)	(20,590)
Interest paid	(14,838)	(14,210)
Payments for cost of issuance	(181)	(278)
Receipts for grant programs	18,504	20,142
Payments for grant programs	(538)	(7,610)
Net cash provided by noncapital financing activities	19,082	39,163
<b>Cash flows from investing activities:</b>		
Purchase of investments	(42,161)	(9,980)
Interest received on investments	523	391
Sales/maturities of investments	33,496	26,779
Net cash used in investing activities	(8,142)	17,190
Change in cash and cash equivalents	15,835	33,664
<b>Cash and cash equivalents, beginning of year</b>	185,492	151,828
<b>Cash and cash equivalents, end of year</b>	201,327	185,492
<b>Reconciliation of operating income to net cash used in operating activities:</b>		
Operating Income	(3,851)	(2,649)
Interest on investments	(523)	(391)
Bond interest expense	10,346	9,846
Bond issuance costs	181	278
Change of FMV of investments	812	181
Change in Assets & Liabilities:		
Principal repayments loans	44,239	51,469
Purchase of loans	(45,688)	(80,897)
Interest receivable	(154)	1
Miscellaneous receivable	5	29
Other assets	(181)	(452)
Deferred outflows	(29)	6
Decrease in accounts payable & other liabilities	(401)	(90)
Deferred inflows	139	(20)
Net cash provided by (used in) operating activities	4,895	(22,689)

Note 1: The outstanding State Match Bonds at June 30, 2022 and June 30, 2021 are as follows:

	<b>FY 2022</b>	<b>FY 2021</b>
DWSRF 2011 MTA	0	170,000
DWSRF 2013 MTA	605,000	885,000
DWSRF 2015 MTA	2,560,000	3,550,000
DWSRF 2016 MTA	0	1,125,000
DWSRF 2017 MTA	540,000	1,055,000
DWSRF 2019 MTA	3,380,000	4,965,000
DWSRF 2020 MTA	5,985,000	6,500,000
DWSRF 2022 MTA	5,010,000	0
	<u>18,080,000</u>	<u>18,250,000</u>

Note 2: Bond premiums and discounts are amortized as an adjustment to interest expense over the life of the related bond issues using the bonds outstanding method. Losses on bond refunding are recorded as deferred outflows of resources and are deferred and amortized as an adjustment to interest expense over the shorter of the remaining life of the refunded bonds or the new bonds using the bonds outstanding method. Bond issuance costs are expensed in the period incurred.

Note 3: State was required to match expenditures from State Program Management Set-Aside through the 2016 capitalization grant, after which, a match was no longer required. In SFY 2020 State elected to provide a \$500,000 match for this Set-Aside from the Water Quality Protection Fund administered by the Iowa Department of Natural Resources. In SFY 2021 and SFY 2022 the state elected to provide a \$500,000 match.

Note 4: For purposes of measuring the net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the Iowa Public Employees' Retirement System (IPERS) and additions to/deductions from IPERS' fiduciary net position have been determined on the same basis as they are reported by IPERS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms.

### DW Exhibit 8

	STATE FISCAL YEAR 2022					Total
	Prior Years	Quarter 1	Quarter 2	Quarter 3	Quarter 4	
Disbursement (\$1000)	1,032,611	10,006	13,302	12,085	13,985	1,081,989
Federal Cash Draw (\$1000)	359,331	1,208	3,095	10,471	3,515	377,620
State Share (\$1000)	673,280	8,798	10,207	1,614	10,470	704,369
Federal as % of Disbursement	34.8%	12.1%	23.3%	86.6%	25.1%	34.9%

The 2021 capitalization grant was awarded in November 2021 with a budget and project period beginning October 1, 2021. The state match for the 2021 and 2022 capitalization grants, provided by bond issues in February 2020 and May 2022, was expended first, therefore, federal project draws were made for 100% of eligible disbursements on selected loans.

**DW Exhibit 9**

	<b>PRIOR YEARS</b>	<b>2020 PYMT 1</b>	<b>2021 PYMT 1</b>
<b>CAPITALIZATION GRANT</b>	<b>320,248,500</b>	<b>17,443,000</b>	<b>17,427,000</b>
<b>STATE MATCH</b>	<b>64,049,700</b>	<b>3,488,600</b>	<b>3,485,400</b>
<b>TOTAL PROGRAM</b>	384,298,200	20,931,600	0
<b>PAYMENT DATE</b>		<b>09/01/20</b>	<b>11/01/21</b>
<b>COMMITMENT DATE</b>		<b>09/01/21</b>	<b>11/02/22</b>

<b>LOAN AGREEMENTS (excl ARRA funding):</b>	<b>PRIOR YEARS</b>	<b>2020 PYMT 1</b>	<b>2021 PYMT 1</b>
Prior Years	962,383,203		
20 - Albion		695,000	
10 - Ames		(8,243,661)	
16/21 - Anamosa		(113,818)	3,189,000
21 - Ankeny		2,865,000	
19 - Anthon			(72,683)
20 - Auburn		319,000	
19 - Avova		(132,156)	
20 - Bagley		804,000	
19 - Bernard			(12,016)
21 - Britt		1,290,000	
20 - Carlisle			728,000
20 - Cedar Rapids			21,619,000
19 - Clarion		1,036,000	
19 - Colfax			(362,390)
15 - Coralville		(44,652)	
21 - Creston Water Works			2,702,000
15/20 - Dakota City		<b>378,100</b>	
14 - De Soto		3,809,000	
20 - Dedham		<b>412,125</b>	
20 - Dunkerton		1,536,000	
20 - Early		3,921,000	
21 - Elkhart			376,000
17 - Farley		(5,523)	
21 - Fort Dodge		2,746,000	
20 - Garwin		600,000	
18 - Gilbert			(52,459)
19 - Grafton			(56,639)
18 - Grimes		(339,050)	
20 - Hiawatha Water Department		2,672,000	
22 - Ida Grove			2,358,000
19 - Johnston			(191,230)
18 - Kiron		(8,632)	
18 - Lake Panarama Association			(243,588)
18 - Lakota		(71,310)	

18 - Marble Rock		(97,096)	
19 - Mitchellville		(57,186)	
22 - Monroe			555,000
12/15 - Mount Ayr		(435,795)	
20 - New Vienna		385,000	(72,527)
18 - Newton Water Works		(87,748)	
14 - North Liberty		(1,846,846)	
17/19 - Oelwein		630,969	
17/19 - Osceola County RWS		(85,666)	930,000
14 - Pella			(1,209,814)
20 - Plainfield			(40,000)
19 - Pleasantville			(19,990)
20 - Prairie City		1,250,000	
20 - Rudd		678,000	
19 - Sanborn			(903,646)
18 - Sergeant Bluff		(546,747)	
17 - Sheffield		(114,644)	
19 - Sigourney			(128,935)
17/18/19 - Sioux City		11,705,769	
16 - Solon		(261,248)	
13 - Stanwood		(149,464)	
19 - Sumner		(334,167)	
19 - Thompson		963,000	(61,700)
21 - Thornton			807,000
21 - Ventura		1,875,000	
20 - Wahpeton		(273,190)	
17 - Washington		219,000	
20 - West Burlington		5,977,000	
19 - Woodland Ridge LOA		(33,149)	
20 - Worthington		212,000	(23,597)
P&D Loans	15,337,914	6,347,754	1,543,034
<b>Total Loans</b>	<b>977,721,117</b>	<b>40,044,969</b>	<b>31,355,820</b>
<b>PROGRAM SET-ASIDES</b>	<b>68,635,533</b>	<b>2,100,000</b>	<b>3,754,200</b>
<b>TOTAL COMMITMENTS</b>	<b>1,046,356,650</b>	<b>42,144,969</b>	<b>35,110,020</b>
<b>TOTAL CUMULATIVE COMMITMENTS</b>	<b>1,046,356,650</b>	<b>1,088,501,619</b>	<b>1,123,611,639</b>
<b>120% COMMITMENT REQUIRED</b>	<b>384,298,200</b>	<b>405,229,800</b>	<b>426,142,200</b>
<b>SHORTFALL/(EXCESS)</b>	<b>(662,058,450)</b>	<b>(683,271,819)</b>	<b>(697,469,439)</b>
<b>% COMMITMENT ACHIEVED</b>	<b>326.73272</b>	<b>322.33610</b>	<b>316.40470</b>

**DW Exhibit 10**

	PROGRAM ADMINISTRATION								
	1997 - 2013	2014	2015	2016	2017	2018	2019	2020	2021
<b>CAPITALIZATION GRANT SET-ASIDE</b>	<b>8,500,436.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1,140,360.00</b>	<b>740,600.00</b>	<b>1,104,840.00</b>	<b>1,050,000.00</b>	<b>1,000,000.00</b>	<b>939,200.00</b>
<b>DISBURSEMENTS:</b>									
Ahlers & Cooney ( <i>bond counsel</i> )	14,830.94								
Dorsey & Whitney ( <i>bond counsel</i> )	106,338.02								
DNR ( <i>program administration / contractors</i> )	5,560,184.39			640,020.78	404,640.94	659,032.69	613,383.55	589,037.52	448,868.36
IFA ( <i>bond issuer / financial reporting</i> )	2,059,895.97			81,620.52	253,925.16	311,997.28	346,468.95	321,404.51	178,811.02
Wells Fargo Bank, N.A. ( <i>trustee</i> )	546,884.72			68,718.70	80,033.90	83,810.03	87,147.50	88,307.97	46,262.32
KPMG Peat Marwick ( <i>IFA auditor</i> )	6,804.47								
Berens-Tate ( <i>arbitrage consultant</i> )	114,156.03				2,000.00		3,000.00	1,250.00	1,250.00
Lamont Financial Services ( <i>financial advisor</i> )	49,104.71								
Public Financial Management ( <i>financial advisor</i> )	35,731.95								
Fitch, Inc. ( <i>rating agency</i> )	1,000.00								
CIFA ( <i>association dues</i> )	5,504.80								
NOWSEE staffing retained by EPA				50,000.00		50,000.00			
<b>Total disbursed through June 30, 2022</b>	<b>8,500,436.00</b>	<b>-</b>	<b>-</b>	<b>1,140,360.00</b>	<b>740,600.00</b>	<b>1,104,840.00</b>	<b>1,050,000.00</b>	<b>1,000,000.00</b>	<b>675,191.70</b>
<b>Balance Available by Cap Grant Year:</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>264,008.30</b>

	TECHNICAL ASSISTANCE TO SMALL SYSTEMS								
	1997 - 2013	2014	2015	2016	2017	2018	2019	2020	2021
<b>CAPITALIZATION GRANT SET-ASIDE</b>	<b>4,590,450.00</b>	<b>0.00</b>	<b>0.00</b>	<b>298,640.00</b>	<b>246,520.00</b>	<b>351,940.00</b>	<b>356,180.00</b>	<b>400,000.00</b>	<b>250,000.00</b>
<b>DISBURSEMENTS:</b>									
DNR ( <i>program administration / contractors</i> )	4,590,450.00			298,640.00	246,520.00	351,940.00	356,180.00	400,000.00	250,000.00
<b>Total disbursed through June 30, 2022</b>	<b>4,590,450.00</b>	<b>-</b>	<b>-</b>	<b>298,640.00</b>	<b>246,520.00</b>	<b>351,940.00</b>	<b>356,180.00</b>	<b>400,000.00</b>	<b>250,000.00</b>
<b>Balance Available by Cap Grant Year:</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

LOCAL ASSISTANCE AND OTHER AUTHORIZED ACTIVITIES								
1997 - 2013	2014	2015	2016	2017	2018	2019	2020	2021

<b>CAPITALIZATION GRANT SET-ASIDE</b>	<b>23,103,690.00</b>	<b>1,984,350.00</b>	<b>1,971,300.00</b>	<b>1,864,800.00</b>	<b>1,232,600.00</b>	<b>1,759,700.00</b>	<b>1,743,200.00</b>	<b>250,000.00</b>	<b>565,000.00</b>
<b>DISBURSEMENTS:</b>									
DNR ( <i>wellhead protection program</i> )	7,760,044.00	661,450.00	657,100.00	621,600.00			775,892.53		
DNR ( <i>viability/capacity development</i> )	13,538,760.00	1,322,900.00	1,314,200.00	1,243,200.00	1,232,600.00	1,759,700.00	871,600.00	250,000.00	136,892.12
City of Vinton SWP Loan	40,000.00								
City of Remsen SWP Loan	564,886.00								
Council Bluffs Water Works SWP Loan	1,200,000.00								
<b>Total disbursed through June 30, 2022</b>	<b>23,103,690.00</b>	<b>1,984,350.00</b>	<b>1,971,300.00</b>	<b>1,864,800.00</b>	<b>1,232,600.00</b>	<b>1,759,700.00</b>	<b>1,647,492.53</b>	<b>250,000.00</b>	<b>136,892.12</b>
<b>Balance Available by Cap Grant Year:</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>95,707.47</b>	<b>0.00</b>	<b>428,107.88</b>

STATE PROGRAM MANAGEMENT								
1997 - 2013	2014	2015	2016	2017	2018	2019	2020	2021

<b>CAPITALIZATION GRANT SET-ASIDE</b>	<b>11,119,066.65</b>	<b>0.00</b>	<b>0.00</b>	<b>1,243,200.00</b>	<b>1,232,600.00</b>	<b>3,046,173.00</b>	<b>2,280,890.00</b>	<b>450,000.00</b>	<b>2,000,000.00</b>
<b>DISBURSEMENTS:</b>									
DNR ( <i>program administration / contractors</i> )	11,119,066.65			1,243,200.00	1,232,600.00	2,847,060.00	1,621,357.55	385,217.00	823,098.51
PAI Training retained by EPA						199,113.00	83,390.00	64,783.00	
<b>Total disbursed through June 30, 2022</b>	<b>11,119,066.65</b>	<b>-</b>	<b>-</b>	<b>1,243,200.00</b>	<b>1,232,600.00</b>	<b>3,046,173.00</b>	<b>1,704,747.55</b>	<b>450,000.00</b>	<b>823,098.51</b>
<b>Balance Available by Cap Grant Year:</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>576,142.45</b>	<b>0.00</b>	<b>1,176,901.49</b>

ANNUAL FEDERAL SET-ASIDE DRAWS								
1999 - 2014	2015	2016	2017	2018	2019	2020	2021	2022

Program Administration	8,500,436.00	-	-	503,455.31	866,507.52	1,078,402.85	1,125,119.02	1,062,876.88	1,074,630.12
Technical Assistance to Small Systems	4,005,433.69	395,984.94	153,564.51	150,378.43	266,832.23	340,189.45	397,971.09	316,298.30	467,077.36
Local Assistance & Other Authorized Activities	18,885,274.78	3,615,691.76	2,061,223.37	2,389,476.04	1,450,300.88	1,548,397.38	1,482,436.78	1,227,770.46	1,290,256.20
State Program Management	8,994,632.24	836,444.26	689,304.35	907,214.07	1,280,765.19	2,604,816.86	1,416,066.67	1,681,326.56	1,784,457.96